ACCESS SERVICE

This tariff cancels
THE BELL ATLANTIC TELEPHONE COMPANIES
Tariff F.C.C. No. 1
in its entirety.

Regulations, Rates and Charges
applying to the provision of Access Services
within a Local Access and Transport Area (LATA)
for connection to interstate
communications and for interstate intraLATA facilities for customers
within the operating territory of

THE VERIZON TELEPHONE COMPANIES

in the states of

| | Company Code | |
|---|---|---|
| Pennsylvania | 5000 | |
| Delaware | 5010 | |
| Maryland | 5030 | |
| Virginia | 5040 | |
| New Jersey | 5120 | (D) |

in the District of Columbia

| | |
|---|---|
| Washington | 5020 |

and for services in the interstate corridors
between specific Pennsylvania and New Jersey points
and New Jersey and New York points
as provided herein

Access Services are provided by means of wire, fiber optics, radio or any other suitable technology or a combination thereof.

(X) The title and address of the issuing officer applies to this tariff in its entirety.



Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

ISSUING CARRIERS

Verizon Pennsylvania LLC (T)
1717 Arch Street
Philadelphia, PA 19102
For the State of:
Pennsylvania

Verizon Washington, D.C. Inc.
2055 L Street, N.W.
Washington, DC 20036
For the:
District of Columbia

Verizon Maryland LLC
1 East Pratt Street (T)
Baltimore, MD 21202
For the State of:
Maryland

Verizon Virginia LLC
703 East Grace Street
Richmond, VA 23219
For the State of:
Virginia

Verizon Delaware LLC
1717 Arch Street
Philadelphia, PA 19102
For the State of:
Delaware

Verizon New Jersey Inc.
540 Broad Street
Newark, NJ 07101
For the State of:
New Jersey

The original effective date for The Verizon Telephone Companies Tariff F.C.C. No. 1 is April 28, 2001.

# ACCESS SERVICE CHECK SHEET

Title Pages 1 and 2 and Pages 1 to 25-126 inclusive of this tariff are effective as of the date shown. Original and revised pages as named below and Supplement Nos. 13, 14, 15, 16, 17, 19, 20, 28, 29, and 31 contain all changes from the original tariff that are in effect on the date hereof.

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| 1.1 | 31st | 31 | 8th | 2-16 | 5th |
| 1.2 | 16th | 32 | 4th | 2-16.1 | 5th |
| 2 | 195th* | 33 | 7th | 2-17 | 5th |
| 3 | 22nd | 34 | 6th | 2-18 | 4th |
| 4 | 25th | 35 | 12th | 2-19 | 5th |
| 5 | 65th | 36 | 5th | 2-20 | 5th |
| 6 | 66th | 37 | 15th | 2-21 | 5th |
| 7 | 91st | 37.1 | 32nd | 2-22 | 4th |
| 8 | 61st | 37.1.1 | 26th | 2-22.1 | 4th |
| 8.1 | 38th | 37.1.2 | 6th | 2-23 | 3rd |
| 9 | 96th | 37.2 | 8th | 2-23.1 | 1st |
| 9.1 | 38th | 37.3 | 2nd | 2-23.2 | 1st |
| 9.2 | 7th | 38 | 3rd | 2-24 | 1st |
| 10 | 49th | 39 | 9th | 2-25 | 2nd |
| 11 | 36th | 40 | 14th | 2-26 | 6th |
| 11.1 | 2nd | 41 | 11th | 2-26.1 | 2nd |
| 12 | 13th | 42 | 8th | 2-26.2 | 2nd |
| 12.1 | 12th | 43 | 12th | 2-26.3 | 2nd |
| 13 | 48th | 43.1 | 1st | 2-27 | 4th |
| 13.1 | 6th | 44 | 5th | 2-27.1 | 3rd |
| 14 | 59th | 45 | 2nd | 2-28 | 3rd |
| 14.1 | 21st | 45.1 | 1st | 2-29 | 4th |
| 15 | 51st | 45.2 | 2nd | 2-29.1 | 1st |
| 16 | 37th | 46 | 13th | 2-30 | 4th |
| 16.1 | 38th | 46.1 | 2nd | 2-31 | 4th |
| 16.2 | 27th | 47 | 6th | 2-32 | 3rd |
| 16.2.1 | 12th | 47.1 | 3rd | 2-33 | 1st |
| 16.2.2 | 6th | 47.2 | 2nd | 2-34 | 3rd |
| 16.2.3 | 10th | | | 2-34.1 | 1st |
| 16.2.4 | 8th | 1-1 | 7th | 2-35 | 1st |
| 16.2.5 | 7th | 1-2 | Original | 2-36 | 1st |
| 16.3 | 25th | | | 2-37 | 4th |
| 16.4 | 36th | 2-1 | 1st | 2-38 | 2nd |
| 16.5 | 6th | 2-2 | Original | 2-39 | 3rd |
| 17 | 1st | 2-3 | 1st | 2-40 | 1st |
| 18 | 9th | 2-4 | Original | 2-40.1 | 3rd |
| 19 | 4th | 2-5 | 1st | 2-40.2 | 5th |
| 19.1 | 2nd | 2-6 | Original | 2-41 | 1st |
| 20 | 3rd | 2-7 | 4th | 2-42 | 1st |
| 21 | 6th | 2-8 | 3rd | 2-43 | 1st |
| 22 | 11th | 2-9 | 5th | 2-44 | 1st |
| 22.1 | 3rd | 2-9.1 | Original | 2-45 | 2nd |
| 23 | 1st | 2-10 | 3rd | 2-46 | 4th |
| 24 | 1st | 2-11 | 3rd | 2-47 | 2nd |
| 25 | 1st | 2-11.1 | Original | 2-48 | 2nd |
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| 2-55.3 | 2nd | 2-83.6 | 8th* | 2-83.49 | 2nd |
| 2-55.4 | 5th | 2-83.7 | 2nd | 2-83.50 | 2nd |
| 2-55.5 | 5th | 2-83.8 | 1st | | |
| 2-55.6 | 5th | 2-83.9 | 1st | | |
| 2-55.7 | 6th | 2-83.10 | 1st | | |
| 2-55.8 | 5th | 2-83.11 | 1st | | |
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| 2-70 | 2nd | 2-83.27 | 4th | | |
| 2-71 | 1st* | 2-83.28 | 4th | | |
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| 2-72.1 | 6th* | 2-83.30 | 2nd | | |
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| 2-103 | 5th* | 2-136 | 1st | | |
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| 3-4 | 1st | 4-20 | 16th | 5-9 | 1st |
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| 3-6 | Original | 4-21 | 8th | 5-11 | 1st |
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| 3-9 | Original | 4-23.1 | 3rd | 5-13 | Original |
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| 3-11 | Original | 4-25 | 7th | 5-15 | 1st |
| 3-12 | 1st | 4-26 | 16th | 5-16 | 1st |
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| 3-19 | 1st | 4-31 | 7th | 5-21 | 2nd |
| 3-20 | 1st | 4-32 | 16th | 5-22 | Original |
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| | | 4-33 | 1st | 5-24 | 1st |
| 4-1 | 2nd | 4-33.1 | 1st | 5-25 | Original |
| 4-2 | 3rd | 4-34 | Original | 5-26 | Original |
| 4-3 | 3rd | 4-35 | 1st | 5-27 | 4th |
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Issued: March 17, 2021 Effective: April 1, 2021

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| 6-4 | 3rd | 6-49 | 2nd | 6-94 | 1st` |
| 6-5 | 2nd | 6-49.1 | 1st | 6-95 | 1st |
| 6-6 | 1st | 6-50 | 3rd | 6-96 | 1st |
| 6-7 | 1st | 6-51 | 2nd | 6-97 | 1st |
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| 6-10 | 1st | 6-54 | 2nd | 6-100 | Original |
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| 6-19 | Original | 6-63 | 1st | 6-109 | Original |
| 6-20 | Original | 6-64 | 1st | 6-110 | Original |
| 6-21 | 1st | 6-65 | Original | 6-111 | 1st |
| 6-22 | 1st | 6-66 | Original | 6-112 | Original |
| 6-23 | 1st | 6-67 | Original | 6-113 | Original |
| 6-24 | Original | 6-68 | 1st | 6-114 | Original |
| 6-25 | Original | 6-69 | 1st | 6-115 | Original |
| 6-26 | 1st | 6-70 | Original | 6-116 | 1st |
| 6-27 | 1st | 6-71 | 1st | 6-117 | Original |
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| 6-30 | 3rd | 6-74 | Original | | |
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| 6-32 | 1st | 6-76 | 8th | | |
| 6-33 | 2nd | 6-77 | Original | | |
| 6-33.1 | 1st | 6-78 | 2nd | | |
| 6-34 | Original | 6-79 | 3rd | | |
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| 6-136 | Original | 6-175 | Original | 6-210 | 1st |
| 6-137 | Original | 6-176 | Original | 6-211 | 1st |
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| 6-139 | Original | 6-182 | Original | 6-217 | 1st |
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| 6-143 | Original | 6-185 | 2nd | 6-221 | 1st |
| 6-144 | 1st | 6-186 | 2nd* | 6-222 | 2nd |
| 6-145 | 1st | 6-187 | 1st | 6-223 | Original |
| 6-146 | 2nd | 6-188 | Original | 6-224 | Original |
| 6-147 | Original | 6-189 | Original | 6-225 | 2nd |
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| 6-149 | 1st | 6-191 | 1st | | |
| 6-150 | Original | 6-192 | 1st | | |
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| 6-152 | 1st | 6-194 | 1st | | |
| 6-153 | Original | | | | |
| 6-154 | Original | | | | |
| 6-155 | Original | | | | |
| 6-156 | 4th | | | | |
| 6-157 | 3rd | | | | |
| 6-157.1 | 1st | | | | |
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| 6-232 | Original |
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| 6-234 | Original |
| 6-235 | Original |
| 6-236 | Original |
| 6-237 | 3rd* |
| 6-237.1 | Original |
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| 6-239 | 2nd |
| 6-240 | 2nd* |
| 6-241 | 5th* |
| 6-242 | 2nd |
| 6-243 | 2nd |
| 6-244 | 1st |
| 6-245 | 2nd |
| 6-246 | 2nd |
| 6-247 | 3rd* |
| 6-248 | 2nd |
| 6-249 | 3rd* |
| 6-250 | 1st |
| 6-251 | 3rd* |
| 6-252 | 1st |
| 6-253 | 4th |
| 6-254 | 1st |
| 6-255 | 4th |
| 6-256 | 1st |
| 6-257 | 6th |
| 6-257.1 | 4th |
| 6-258 | 6th |
| 6-258.1 | 1st |
| 6-259 | 4th |
| 6-260 | 2nd |
| 6-261 | 1st |
| 6-262 | 6th |
| 6-262.1 | 2nd |
| 6-262.2 | 2nd |
| 6-262.3 | 2nd |
| 6-263 | 4th |
| 6-263.1 | 1st |
| 6-263.2 | 2nd |
| 6-264 | 2nd |
| 6-265 | 1st |
| 6-266 | 2nd |
| 6-267 | 1st |
| 6-268 | 2nd |
| 6-269 | 2nd |
| 6-270 | 2nd |
| 6-271 | 2nd |
| 6-272 | 2nd |
| 6-273 | 2nd |
| 6-274 | 3rd |
| 6-275 | 2nd |
| 6-276 | 2nd |
| 6-277 | 2nd |
| 6-278 | 2nd |
| 6-279 | 2nd |
| 6-280 | 3rd |
| 6-281 | 1st |
| 6-282 | 2nd |
| 6-283 | 1st |
| 6-284 | 1st |
| 6-285 | 1st |
| 6-286 | 1st |
| 6-287 | 1st |
| 6-288 | Original |
| 6-289 | Original |
| 6-290 | 2nd |
| 6-290.1 | 1st |
| 6-291 | 2nd |
| 6-292 | 2nd |
| 6-293 | 3rd |
| 6-294 | 2nd |
| 6-295 | 3rd |
| 6-296 | 4th |
| 6-297 | 4th |
| 6-298 | 3rd |
| 6-299 | 2nd |
| 6-299.1 | 1st |
| 6-300 | 2nd |
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| 6-300.2 | 5th |
| 6-300.3 | 4th |
| 6-300.3.1 | 2nd |
| 6-300.4 | 3rd |
| 6-300.5 | 3rd |
| 6-300.6 | 4th |
| 6-300.7 | 3rd |
| 6-300.8 | 4th |
| 6-300.9 | 4th |
| 6-300.9.1 | 2nd |
| 6-300.9.2 | 2nd |
| 6-300.9.3 | 3rd |
| 6-300.10 | 5th |
| 6-300.11 | 4th |
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| 6-341 | 22nd |
| 6-342 | 23rd |
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| 6-351 | 3rd |
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| 6-353 | 3rd |
| 6-354 | 3rd |
| 6-355 | 3rd |
| 6-356 | 4th* |
| 6-357 | 5th |
| 6-358 | 6th |
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| 7-272 | 13th |
| 7-273 | 14th* |
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| 7-276 | 21st* |
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| 7-296.2 | 5th* |
| 7-296.3 | 5th* |
| 7-297 | 3rd* |
| 7-297.1 | 2nd* |
| 7-297.2 | 2nd* |
| 7-297.3 | 2nd* |
| 7-298 | 3rd* |
| 7-298.1 | 2nd* |
| 7-298.2 | 2nd* |
| 7-298.3 | 2nd* |
| 7-299 | 9th* |
| 7-299.1 | 4th* |
| 7-299.2 | 4th* |
| 7-299.3 | 4th* |
| 7-300 | 7th* |
| 7-301 | 3rd |
| 7-301.1 | 2nd |
| 7-301.2 | 2nd |
| 7-301.3 | 2nd |
| 7-302 | 4th |
| 7-302.1 | 3rd |
| 7-302.2 | 3rd |
| 7-302.3 | 2nd |
| 7-303 | 8th |
| 7-303.1 | 4th |
| 7-303.2 | 3rd |
| 7-303.3 | 5th |
| 7-303.3.1 | 2nd |
| 7-303.4 | 5th |
| 7-303.4.1 | 2nd |
| 7-303.5 | 6th |
| 7-303.5.1 | 2nd |
| 7-303.5.2 | 2nd |
| 7-303.6 | 4th |
| 7-303.6.1 | 3rd |
| 7-303.6.2 | 2nd |
| 7-303.7 | 8th |
| 7-303.7.1 | 3rd |
| 7-303.8 | 6th |
| 7-303.9 | 7th |
| 7-303.9.1 | 5th |
| 7-303.10 | 7th |
| 7-303.11 | 7th |
| 7-303.11.1 | 4th |
| 7-303.11.2 | 2nd |
| 7-303.11.3 | 2nd |
| 7-303.11.4 | 2nd |
| 7-303.11.5 | 2nd |
| 7-303.11.6 | 2nd |
| 7-303.11.7 | 2nd |
| 7-303.11.8 | 2nd |
| 7-303.11.9 | 2nd |
| 7-303.12 | 9th |
| 7-303.12.1 | 2nd |
| 7-303.13 | 7th |
| 7-303.14 | 7th |
| 7-303.14.1 | 5th |
| 7-303.15 | 7th |
| 7-303.16 | 8th |
| 7-303.16.1 | 4th |
| 7-303.16.2 | 2nd |
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| 7-303.16.4 | 2nd |
| 7-303.16.5 | 2nd |
| 7-303.16.6 | 2nd |
| 7-303.16.7 | 2nd |
| 7-303.16.8 | 2nd |
| 7-303.16.9 | 2nd |
| 7-303.17 | 9th |
| 7-303.17.1 | 2nd |
| 7-303.18 | 7th |
| 7-303.19 | 7th |
| 7-303.19.1 | 5th |
| 7-303.20 | 7th |
| 7-303.21 | 8th |
| 7-303.21.1 | 4th |
| 7-303.21.2 | 2nd |
| 7-303.21.3 | 2nd |
| 7-303.21.4 | 2nd |
| 7-303.21.5 | 2nd |
| 7-303.21.6 | 2nd |
| 7-303.21.7 | 2nd |
| 7-303.21.8 | 2nd |
| 7-303.21.9 | 2nd |
| 7-303.22 | 7th |
| 7-303.22.1 | 2nd |
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| 7-303.31.6 | 2nd | 7-304.5 | 4th* | | |
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| 7-303.32.1 | 2nd | 7-305.2 | 3rd* | | |
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| 7-303.34 | 4th | 7-305.4 | 3rd* | | |
| 7-303.35 | 6th | 7-305.5 | 4th* | | |
| 7-303.35.1 | 2nd | 7-305.6 | 3rd* | | |
| 7-303.36 | 5th | 7-305.7 | 5th* | | |
| 7-303.36.1 | 3rd | 7-306 | 6th* | | |
| 7-303.36.2 | 2nd | 7-306.1 | 5th* | | |
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| 7-309 | 6th* |
| 7-309.1 | 5th* |
| 7-309.2 | 3rd* |
| 7-309.3 | 5th* |
| 7-309.4 | 3rd* |
| 7-309.5 | 4th* |
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| 7-309.7 | 5th* |
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| 7-309.9 | 3rd* |
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| 7-309.10.1 | 1st |
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| 8-7 | 12th* |
| 8-7.1 | 5th* |
| 8-8 | 5th* |
| 8-9 | 4th* |
| 8-9.1 | 4th* |
| 8-9.2 | 2nd* |
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| 8-10 | 16th* |
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| 8-14 | 5th* |
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| 8-14.2.1 | 2nd* |
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| 8-16.6 | 6th* |
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| 8-16.9 | 4th* |
| 8-16.10 | 3rd* |
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| 9-9 | 1st | 10-19 | 1st | 10-52 | 9th |
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| 10-5 | 1st | 10-35.1 | 2nd | 10-71 | 1st* |
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| 10-7 | 1st | 10-36.1 | 2nd | | |
| 10-8 | 1st | 10-37 | 3rd | | |
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| 12-8 | Original | 12-47 | Original | 12-88 | 1st |
| 12-9 | Original | 12-48 | Original | 12-89 | 1st |
| 12-10 | Original | 12-49 | 1st | 12-90 | 1st |
| 12-11 | Original | 12-50 | 1st | 12-91 | 1st |
| 12-12 | 1st | 12-51 | 1st | 12-92 | 1st |
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| 12-15 | 1st | 12-54 | 1st | 12-95 | 1st |
| 12-16 | 1st | 12-55 | 1st | 12-96 | 1st |
| 12-17 | 1st | 12-56 | 1st | 12-97 | 1st |
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| 12-19 | 1st | 12-58 | 1st | 12-99 | 2nd |
| 12-20 | Original | 12-59 | 1st | 12-100 | 2nd |
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| 12-22 | 1st | 12-61 | 1st | 12-102 | 2nd |
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| 12-27 | Original | 12-66 | Original | 12-107 | 1st |
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| 12-29 | 1st | 12-68 | Original | 12-109 | 1st |
| 12-30 | 1st | 12-69 | Original | 12-110 | 1st |
| 12-31 | Original | 12-70 | Original | 12-111 | 1st |
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| 11-7 | Original | | | | |
| 11-8 | Original | | | | |
| 11-9 | Original | | | | |
| 11-10 | Original | | | | |
| 11-11 | Original | | | | |
| 11-12 | 1st | | | | |
| 11-13 | Original | | | | |
| 11-14 | 1st | | | | |
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| 13-8 | 1st | | | | |
| 13-9 | 1st | | | | |
| 13-10 | 1st | | | | |
| 13-11 | 1st | | | | |
| 13-12 | 1st | | | | |
| 13-13 | 1st | | | | |
| 13-14 | 1st | | | | |
| 13-15 | 1st | | | | |
| 13-16 | 1st | | | | |
| 13-17 | 1st | | | | |
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| 13-19 | 1st | | | | |
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| 13-21 | 1st | | | | |
| 13-22 | 1st | | | | |
| 13-23 | 1st | | | | |
| 13-24 | 1st | | | | |
| 13-25 | Original | | | | |
| 13-26 | Original | | | | |
| 13-27 | 1st | | | | |
| 13-28 | Original | | | | |
| 13-29 | Original | | | | |
| 13-30 | Original | | | | |
| 13-31 | 1st | | | | |
| 13-32 | 1st | | | | |
| 13-33 | Original | | | | |
| 13-34 | Original | | | | |
| 13-35 | Original | | | | |
| 13-36 | Original | | | | |
| 13-37 | Original | | | | |
| 13-38 | Original | | | | |
| 13-39 | Original | | | | |
| 13-40 | Original | | | | |
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| 13-78 | 2nd | 14-19 | 1st | 14-61 | 4th |
| 13-79 | 2nd | 14-20 | 1st | 14-62 | 6th* |
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| 13-84 | 1st | 14-25 | Original | 14-67 | Original |
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| 14-93 | Original | | | | |
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| 14-95 | 1st | | | | |
| 14-96 | 1st | | | | |
| 14-97 | 1st | | | | |
| 14-98 | 1st | | | | |
| 14-99 | 1st | | | | |
| 14-100 | 1st | | | | |
| 14-101 | 1st | | | | |
| 14-102 | 1st | | | | |
| 14-103 | 1st | | | | |
| 14-104 | 1st | | | | |
| 14-104.1 | Original | | | | |
| 14-105 | Original | | | | |
| 14-106 | Original | | | | |
| 14-107 | Original | | | | |
| 14-108 | Original | | | | |
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| 16-7 | 3rd* | 16-43 | 9th* | 16-77 | 1st* |
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| 16-15 | 3rd* | 16-46.4 | 3rd* | 16-81.1 | 5th* |
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| 16-19 | 3rd* | 16-47 | 8th* | 16-84 | 4th* |
| 16-20 | 3rd* | 16-48 | 9th* | 16-85 | 5th* |
| 16-21 | 3rd* | 16-48.1 | 6th* | 16-86 | 3rd* |
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| 16-31 | 4th* | 16-55 | 2nd* | 16-89 | 5th* |
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| 16-33 | 4th* | 16-58 | 3rd* | 16-91 | 6th* |
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| 16-136 | 13th* | 17-7 | 1st | 19-29 | 5th |
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| 16-136.1.1 | 10th* | 17-9 | 1st | 19-31 | 5th |
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| 21-342 | Original | 21-394 | Original | 21-446 | Original |
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| 22-3 | 3rd | 22-37 | 3rd | 23-32 | 2nd* |
| 22-4 | 3rd | 22-37.1 | 2nd | 23-33 | 2nd* |
| 22-5 | 3rd | 22-38 | 4th | 23-34 | 2nd* |
| 22-6 | 3rd | 22-39 | 4th | 23-35 | 3rd* |
| 22-7 | 3rd | 22-40 | 3rd | 23-36 | 2nd* |
| 22-8 | 3rd | 22-41 | 3rd | 23-37 | 2nd* |
| 22-9 | 3rd | 22-42 | 7th | 23-38 | 4th* |
| 22-10 | 3rd | | | 23-39 | 3rd* |
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| 22-14 | 3rd | 23-2 | 2nd* | 23-41.1 | 4th* |
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| 22-17 | 5th | 23-5 | 2nd* | 23-44 | 3rd* |
| 22-18 | 4th | 23-6 | 2nd* | 23-45 | 2nd* |
| 22-18.1 | 2nd | 23-7 | 3rd* | 23-46 | 2nd* |
| 22-18.2 | 2nd | 23-7.1 | 2nd* | 23-47 | 2nd* |
| 22-18.3 | 2nd | 23-7.2 | 2nd* | 23-48 | 2nd* |
| 22-18.4 | 3rd | 23-7.3 | 2nd* | 23-49 | 4th* |
| 22-19 | 5th | 23-8 | 3rd* | 23-50 | 5th* |
| 22-20 | 5th | 23-9 | 3rd* | 23-51 | 3rd* |
| 22-21 | 5th | 23-10 | 3rd* | 23-52 | 2nd* |
| 22-22 | 7th | 23-11 | 4th* | 23-53 | 2nd* |
| 22-22.1 | 1st | 23-12 | 3rd* | 23-54 | 2nd* |
| 22-23 | 6th | 23-12.1 | 2nd* | 23-55 | 2nd* |
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| 22-25 | 5th | 23-14 | 3rd* | 23-57 | 2nd* |
| 22-26 | 3rd | 23-14.1 | 2nd* | 23-58 | 2nd* |
| 22-27 | 5th | 23-14.2 | 2nd* | 23-59 | 2nd* |
| 22-28 | 6th | 23-14.3 | 2nd* | 23-60 | 3rd* |
| 22-29 | 4th | 23-15 | 2nd* | 23-61 | 2nd* |
| 22-30 | 4th | 23-16 | 3rd* | 23-62 | 2nd* |
| 22-31 | 4th | 23-17 | 3rd* | 23-63 | 2nd* |
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| 22-33 | 2nd | 23-18 | 3rd* | 23-65 | 2nd* |
| 22-33.1 | 2nd | 23-18.1 | 2nd* | 23-66 | 2nd* |
| 22-33.2 | 2nd | 23-19 | 3rd* | 23-67 | 2nd* |
| 22-33.3 | 2nd | 23-20 | 2nd* | 23-68 | 2nd* |
| 22-33.4 | 2nd | 23-21 | 2nd* | 23-69 | 2nd* |
| 22-33.5 | 2nd | 23-22 | 2nd* | 23-70 | 2nd* |
| 22-33.6 | 2nd | 23-23 | 2nd* | 23-71 | 2nd* |
| 22-33.7 | 2nd | 23-24 | 2nd* | 23-72 | 2nd* |
| 22-33.8 | 2nd | 23-25 | 2nd* | 23-73 | 2nd* |
| 22-34 | 3rd | 23-26 | 3rd* | 23-74 | 2nd* |
| 22-34.1 | 2nd | 23-27 | 2nd* | 23-75 | 2nd* |
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| 24-4 | 2nd | 25-14.2 | Original | 25-52 | 5th |
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| 24-6 | 2nd | 25-16 | 2nd | 25-54 | 4th |
| 24-7 | 5th | 25-17 | 1st | 25-55 | 3rd |
| 24-8 | 7th | 25-18 | 1st | 25-56 | 4th |
| 24-9 | 1st | 25-18.1 | Original | 25-57 | 4th |
| 24-10 | 1st | 25-19 | 8th | 25-58 | 3rd |
| 24-11 | 1st | 25-20 | 4th | 25-59 | 1st |
| 24-12 | 4th | 25-21 | 4th | 25-60 | 3rd |
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| 24-13 | Original | 25-23 | 3rd | 25-61 | 3rd |
| 24-14 | Original | 25-24 | 4th | 25-62 | 3rd |
| 24-15 | Original | 25-24.1 | 3rd | 25-63 | 5th |
| 24-16 | Original | 25-24.2 | 1st | 25-64 | 4th |
| 24-17 | Original | 25-25 | 6th | 25-65 | 3rd |
| 24-18 | Original | 25-25.1 | 4th | 25-66 | 3rd |
| 24-19 | Original | 25-25.2 | 4th | 25-67 | 2nd |
| | | 25-25.3 | 4th | 25-68 | 1st |
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| 25-4.3 | 1st | 25-29.1 | 1st | 25-73 | 6th |
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| 25-5.2 | 1st | 25-32 | 2nd | 25-75.1 | 3rd |
| 25-6 | 4th | 25-33 | 1st | 25-76 | 2nd |
| 25-7 | 3rd | 25-33.1 | 1st | 25-77 | 2nd |
| 25-8 | 2nd | 25-34 | 1st | 25-77.1 | 2nd |
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| 25-9 | 2nd | 25-36 | 1st | 25-79 | 2nd |
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| 25-9.3 | Original | 25-38.1 | 1st | 25-80.2 | 1st |
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| 25-95 | 1st | | | | |
| 25-96 | 1st | | | | |
| 25-97 | 1st | | | | |
| 25-98 | 2nd | | | | |
| 25-99 | 2nd | | | | |
| 25-100 | 2nd | | | | |
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| 25-102 | 2nd | | | | |
| 25-103 | 2nd | | | | |
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| 25-105 | 1st | | | | |
| 25-106 | 2nd | | | | |
| 25-107 | 2nd | | | | |
| 25-108 | 2nd | | | | |
| 25-109 | 1st | | | | |
| 25-110 | 1st | | | | |
| 25-111 | 2nd | | | | |
| 25-112 | 1st | | | | |
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| 25-115 | 2nd | | | | |
| 25-116 | 1st | | | | |
| 25-117 | 2nd | | | | |
| 25-118 | 2nd | | | | |
| 25-119 | 2nd | | | | |
| 25-120 | 1st | | | | |
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| 21-927 | Original | 21-978 | Original | 21-1029 | Original* |
| 21-928 | Original | 21-979 | Original | 21-1030 | Original* |
| 21-929 | Original | 21-980 | Original | 21-1031 | Original* |
| 21-930 | Original | 21-981 | Original | 21-1032 | Original* |
| 21-931 | Original | 21-982 | Original | 21-1033 | Original* |
| 21-932 | Original | 21-983 | Original | 21-1034 | Original* |
| 21-933 | Original | 21-984 | Original | 21-1035 | Original* |
| 21-934 | Original | 21-985 | Original | 21-1036 | Original* |
| 21-935 | Original | 21-986 | Original | 21-1037 | Original* |
| 21-936 | Original | 21-987 | Original | 21-1038 | Original* |
| 21-937 | Original | 21-988 | Original | 21-1039 | Original* |
| 21-938 | Original | 21-989 | Original | 21-1040 | Original* |
| 21-939 | Original | 21-990 | Original | 21-1041 | Original* |
| 21-940 | Original | 21-991 | Original | 21-1042 | Original* |
| 21-941 | Original | 21-992 | Original | 21-1043 | Original* |
| 21-942 | Original | 21-993 | Original | 21-1044 | Original* |
| 21-943 | Original | 21-994 | Original | 21-1045 | Original* |
| 21-944 | Original | 21-995 | Original | 21-1046 | Original* |
| 21-945 | Original | 21-996 | Original | 21-1047 | Original* |
| 21-946 | Original | 21-997 | Original | 21-1048 | Original* |
| 21-947 | Original | 21-998 | Original | 21-1049 | Original* |
| 21-948 | Original | 21-999 | Original | 21-1050 | Original* |
| 21-949 | Original | 21-1000 | Original | 21-1051 | Original* |
| 21-950 | Original | 21-1001 | Original | | |
| 21-951 | Original | 21-1002 | Original | | |
| 21-952 | Original | 21-1003 | Original | | |
| 21-953 | Original | 21-1004 | Original | | |

* New or Revised Page



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ACCESS SERVICE

Pursuant to the Federal Communications Commission's Order DA 01-1077, released April 25, 2001, Verizon is hereby suspending the effective date of material pertaining to collocation filed under Bell Atlantic Transmittal Nos. 1373 and 1374 and reissued under Verizon Transmittal No. 23. The suspension is for one day, from April 26, 2001 to April 27, 2001. Transmittal No. 23 was originally filed on April 13, 2001.

Regulations pertaining to provisions concerning inspections and associated penalties for DC Power usage which is in excess of the ordered power load have subsequently been withdrawn on April 24, 2001 Under Transmittal No. 29.

The following tariff pages submitted in Transmittal No. 23 are affected by this Supplement:

| Page | Revision Number |
|---|---|
| 19-9 | Original |
| 19-36 | Original |
| 19-37 | Original |
| 19-39 | Original |
| 19-42 | Original |
| 19-90 | Original |
| 19-91 | Original |
| 19-92 | Original |
| 19-106 | Original |
| 19-109 | Original |



Issued: April 27, 2001

Vice President
2980 Fairview Park Drive, Falls Church, Virginia 22042

| Page | Revision Number | Page | Revision Number | Page | Revision Number |
|---|---|---|---|---|---|
| 19-17 | Original | 19-55 | Original | 19-90 | Original |
| 19-18 | Original | 19-56 | Original | 19-91 | Original |
| 19-19 | Original | 19-57 | Original | 19-92 | Original |
| 19-20 | Original | 19-58 | Original | 19-93 | Original |
| 19-21 | Original | 19-59 | Original | 19-94 | Original |
| 19-22 | Original | 19-60 | Original | 19-95 | Original |
| 19-23 | Original | 19-61 | Original | 19-96 | Original |
| 19-24 | Original | 19-62 | Original | 19-97 | Original |
| 19-25 | Original | 19-63 | Original | 19-98 | Original |
| 19-26 | Original | 19-64 | Original | 19-99 | Original |
| 19-27 | Original | 19-65 | Original | 19-100 | Original |
| 19-28 | Original | 19-66 | Original | 19-101 | Original |
| 19-29 | Original | 19-67 | Original | 19-102 | Original |
| 19-30 | Original | 19-68 | Original | 19-103 | Original |
| 19-31 | Original | 19-69 | Original | 19-104 | Original |
| 19-32 | Original | 19-70 | Original | 19-105 | Original |
| 19-33 | Original | 19-71 | Original | 19-106 | Original |
| 19-34 | Original | 19-72 | Original | 19-107 | Original |
| 19-35 | Original | 19-73 | Original | 19-108 | Original |
| 19-36 | Original | 19-74 | Original | 19-109 | Original |
| 19-40 | Original | 19-75 | Original | 19-110 | Original |
| 19-41 | Original | 19-76 | Original | 19-111 | Original |
| 19-42 | Original | 19-77 | Original | 19-112 | Original |
| 19-43 | Original | 19-78 | Original | 19-113 | Original |
| 19-44 | Original | 19-79 | Original | 19-114 | Original |
| 19-45 | Original | 19-80 | Original | 19-115 | Original |
| 19-46 | Original | 19-81 | Original | 19-116 | Original |
| 19-47 | Original | 19-82 | Original | 19-117 | Original |
| 19-48 | Original | 19-83 | Original | 19-118 | Original |
| 19-49 | Original | 19-84 | Original | 19-119 | Original |
| 19-50 | Original | 19-85 | Original | 19-120 | Original |
| 19-51 | Original | 19-86 | Original | | |
| 19-52 | Original | 19-87 | Original | | |
| 19-53 | Original | 19-88 | Original | | |
| 19-54 | Original | 19-89 | Original | | |

Cancels Supplement Nos. 1, 2, 3, 4, 5,
6, 7, 8, 9, 10, 11, and 12

ACCESS SERVICE

On April 13, 2001, under Transmittal No. 23, the Verizon Telephone Companies (Verizon) reissued its Tariff F.C.C. No. 1 under the name of "The Verizon Telephone Companies" and, at the same time, cancelled it under the name of "The Bell Atlantic Telephone Companies." The supplements that were still in effect under the Bell Atlantic tariff, namely supplement numbers 191, 198, 208, 211, 224, 225, 228, 230, 231, 232, 233, and 235, were reissued under the Verizon tariff. However, in reissuing these supplements, Verizon inadvertently listed the Bell Atlantic tariff pages rather than the Verizon tariff pages where the associated tariff material is now located.

With this supplement, Verizon hereby combines the information included in the reissued Verizon supplements, cancels Verizon supplement numbers 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12, and lists the correct tariff pages where the associated tariff material is now located.

The original supplements were issued pursuant to the following Commission Orders. These Order were issued to suspend the effective date of tariff material pertaining to Collocated Interconnection for one day, to place the associated tariff material under investigation, and to establish an accounting order.

DA 96-1232, released August 2, 1996
DA 97-417, released February 25, 1997
DA 97-1787, released August 20, 1997
DA 97-2660, released December 19, 1997
DA 98-2152, released October 27, 1998
DA 98-2617, released December 24, 1998
DA 99-911, released May 14, 1999
DA 99-1498, released July 29, 1999
DA 00-563, released March 13, 2000
DA 00-961, released May 1, 2000
DA 00-1009, released May 8, 2000
DA 01-667, released March 13, 2001

The following tariff pages are impacted by this supplement:

| Page | Revision Number | Page | Revision Number | Page | Revision Number |
|---|---|---|---|---|---|
| 36 | Original | 8-17 | Original | 19-4 | Original |
| 37 | Original | 8-18 | Original | 19-5 | Original |
| 46 | Original | 8-21 | Original | 19-6 | Original |
| 47 | Original | | | 19-7 | Original |
| | | 16-78 | Original | 19-8 | Original |
| 6-337 | Original | 16-79 | Original | 19-9 | Original |
| | | 16-83 | Original | 19-10 | Original |
| 7-72 | Original | 16-84 | Original | 19-11 | Original |
| 7-73 | Original | 16-103 | Original | 19-12 | Original |
| 7-76 | Original | | | 19-13 | Original |
| 7-91 | Original | 19-1 | Original | 19-14 | Original |
| 7-283 | Original | 19-2 | Original | 19-15 | Original |
| 7-284 | Original | 19-3 | Original | 19-16 | Original |



Issued: May 31, 2001

Vice President
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ACCESS SERVICE

Pursuant to DA 01-1417, released June 14, 2001, the Verizon Telephone Companies are suspending the effective date of material filed under Transmittal No. 45 for one day, from June 16, 2001 to June 17, 2001. Transmittal No. 45 was originally filed on June 1, 2001.

The following tariff pages submitted under Transmittal No. 45 are affected by this Supplement:

| Page | Revision Number |
|---|---|
| 37 | 1st |
| 19-95 | 1st |
| 19-96 | 1st |
| 19-97 | 1st |
| 19-98 | 1st |
| 19-99 | 1st |
| 19-121 | Original |
| 19-122 | Original |
| 19-123 | Original |
| 19-124 | Original |
| 19-125 | Original |
| 19-126 | Original |
| 19-127 | Original |
| 19-128 | Original |
| 19-129 | Original |
| 19-130 | Original |
| 19-131 | Original |
| 19-132 | Original |
| 19-133 | Original |
| 19-134 | Original |
| 19-135 | Original |
| 19-136 | Original |
| 19-137 | Original |
| 19-138 | Original |
| 19-139 | Original |

ACCESS SERVICE

Pursuant to DA 01-1579, released July 5, 2001, the Verizon Telephone Companies are suspending the effective date of material filed under Transmittal No. 60 for one day, from July 6, 2001 to July 7, 2001. Transmittal No. 60 was originally filed on June 21, 2001.

The following tariff pages submitted under Transmittal No. 60 are affected by this Supplement:

| Page | Revision Number |
|---|---|
| 8-10 | 2nd |
| 8-11 | 1st |

ACCESS SERVICE

Pursuant to DA 02-xxx of the Federal Communications Commission, released April 24, 2002, the Verizon Telephone Companies are suspending the effective date of material filed under Transmittal No. 175 for one day, from April 24, 2002 to April 25, 2002. Transmittal No. 175 was originally filed on April 9, 2002.

The following tariff pages submitted under Transmittal No. 175 are affected by this Supplement:

| Page | Revision Number |
|---|---|
| 36 | 3rd |
| 43 | 2nd |
| 46 | 2nd |
| 19-37 | 3rd |
| 19-91 | 3rd |
| 19-92 | 2nd |
| 19-105 | 1st |
| 19-107 | 2nd |
| 19-109 | 3rd |

ACCESS SERVICE

Pursuant to DA 02-934 of the Federal Communications Commission, released April 23, 2002, the Verizon Telephone Companies hereby suspend the effective date of revisions filed under Transmittal No. 175 from April 24, 2002 to April 25, 2002. Transmittal No. 175 was originally filed on April 9, 2002 to introduce Collocated Interconnection Service Business Integrated Timing Supply (BITS).

The following tariff pages are affected by this supplement:

| Page | Revision Number |
|---|---|
| 36 | 3rd |
| 43 | 2nd |
| 46 | 2nd |
| 19-37 | 3rd |
| 19-91 | 3rd |
| 19-92 | 2nd |
| 19-105 | 1st |
| 19-107 | 2nd |
| 19-109 | 3rd |

(X) Filed under authority of Special Permission No. 02-068 of the Federal Communications Commission.

(Issued under Transmittal No. 193)

Issued: May 7, 2002

Vice President, Federal Regulatory
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ACCESS SERVICE

Pursuant to DA 02-1885 of the Federal Communications Commission, released August 2, 2002, the Verizon Telephone Companies hereby suspend the effective date of revisions filed under Transmittal No. 224 from August 3, 2002 to August 4, 2002. Transmittal No. 224 was originally filed on July 19, 2002 to enhance IntelliLight Broadband Transport (IBT) Service by allowing IBT to connect the collocated space of the same or of two different collocated customers located in different wire centers

The following tariff pages are affected by this supplement:

| Page | Revision Number |
|---|---|
| 8-7 | 2nd |

(Issued under Transmittal No. 230)

Issued: August 5, 2002

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ACCESS SERVICE

On August 6, 2002, the Verizon Telephone Companies (Verizon) issued Supplement No. 21 under Transmittal No. 231 to defer the effective date of Transmittal No. 226 from to August 23, 2002.

Subsequently, on August 26, 2002, Verizon issued Supplement No. 23 under Transmittal No. 237 to suspend the effective date of Transmittal No. 226 from August 23, 2002 to January 23, 2003, pursuant to DA 02-2055 of the Federal Communications Commission, released August 22, 2002.

On January 17, 2003, under authority of Special Permission No. 03-007 of the Federal Communications Commission, Verizon is withdrawing Transmittal No. 226 without it becoming effective and reinstating material currently in effect.

Transmittal No. 226, which proposed modifications to the general regulations governing payment of charges and customer deposits, was originally issued on July 25, 2002.



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ACCESS SERVICE

Pursuant to Special Permission No. 03-074 of the Federal Communications Commission, the Verizon Telephone Companies are deferring the effective date of material filed under Transmittal No. 333 from July 16, 2003 to July 23, 2003. Transmittal No. 333 was originally filed on July 1, 2003.

The following tariff pages submitted under Transmittal No. 333 are affected by this Supplement:

| Page | Revision Number |
|---|---|
| 35 | 3rd |
| 16-116 | 2nd |
| 16-116.1 | Original |
| 16-123 | 3rd |
| 16-130 | 2nd |
| 16-131 | 2nd |
| 16-132 | 2nd |
| 16-133 | 2nd |
| 16-134 | 2nd |
| 16-135 | 2nd |



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Pursuant to the Federal Communications Commission's Order on Reconsideration, DA 12-1231, adopted and released August 1, 2012, the investigation and accounting order imposed in WCB Pricing No. 12-09 is terminated. Therefore, as of August 1, 2012, Supplement No. 30 is no longer effective.

The following tariff pages, filed under Transmittal No. 1191, are affected by this Supplement:

| Page | Revision Number |
|---|---|
| 4-17.1 | 4th |
| 4-18 | 9th |

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(This page filed under Transmittal No. 1409)



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(This page filed under Transmittal No. 1409)



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ACCESS SERVICE

CONCURRING CARRIERS

NO CONCURRING CARRIERS

CONNECTING CARRIERS

NO CONNECTING CARRIERS

OTHER PARTICIPATING CARRIERS

All Exchange Telephone Companies that have Access Tariffs on file under Part 69 of the Federal Communications Rules and Regulations with which THE VERIZON TELEPHONE COMPANIES jointly provide Switched and Special Access Service.

REGISTERED SERVICE MARKS

NONE

REGISTERED TRADEMARKS

IntelliLight®
IntelliMux®

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ACCESS SERVICE

EXPLANATION OF SYMBOLS

| | | |
|---|---|---|
| (C) | - | To signify changed regulation |
| (D) | - | To signify discontinued rate or regulation |
| (I) | - | To signify increase |
| (M) | - | To signify matter relocated without change |
| (N) | - | To signify new rate or regulation |
| (R) | - | To signify reduction |
| (S) | - | To signify reissued matter |
| (T) | - | To signify a change in text but no change in rate or regulation |
| (Z) | - | To signify a correction |

EXPLANATION OF ABBREVIATIONS

| | | |
|---|---|---|
| ac | - | Alternating current |
| ACNA | - | Access Customer Name Abbreviation |
| AML | - | Actual Measured Loss |
| ANI | - | Automatic Number Identification |
| ANSI | - | American National Standard Institute |
| ARC | - | Access Recovery Charge |
| AT&T-C | - | AT&T Communications (D) |
| BAN | - | Billing Account Number |
| BD | - | Business Day |
| BHMC | - | Busy Hour Minutes of Capacity |
| BSA | - | Basic Serving Arrangement |
| BSE | - | Basic Service Element |
| BVS | - | Billing Validation Service |
| CAROT | - | Centralized Automatic Reporting on Trunks |
| CCS | - | Common Channel Signaling |
| CCSAS | - | Common Channel Signaling Access Service |
| CFA | - | Connecting Facility Assignment |
| CEC | - | Cellular Exchange Carrier |
| CI | - | Channel Interface |
| CLO | - | Control Link Oscillator |
| CN | - | Charge Number |
| CO | - | Central Office |
| COCTS | - | Central Office Centrex |
| Cont'd | - | Continued |
| CPE | - | Customer Provided Equipment |
| CSM | | Customer Service Management Optional Feature |
| CPN | - | Calling Party Number |
| CSP | - | Carrier Selection Parameter |
| Cts | - | Centrex |
| DA | - | Directory Assistance |
| dB | - | decibel |
| dBrnC | - | Decibel Reference Noise C-Message Weighting |
| dBrnCO | - | Decibel Reference Noise C-Message Weighted 0 |
| dBv | - | Decibel(s) Relative to 1 volt (Reference) |
| dBv1 | - | Decibel(s) Relating to 1 volt (Reference) |
| dc | - | direct current |
| DID | - | Direct Inward Dialing |
| DNAL | - | Dedicated Network Access Link |
| DSR | - | Verizon Dedicated SONET Ring (D) (D) (D) |

ACCESS SERVICE

EXPLANATION OF ABBREVIATIONS

| | | | |
|---|---|---|---|
| EDD | - | Envelope Delay Distortion | |
| ELEPL | - | Equal Level Echo Path Loss | |
| EML | - | Expected Measured Loss | |
| EPL | - | Echo Path Loss | |
| ERL | - | Echo Return Loss | (D) |
| ESS | - | Electronic Switching System | |
| ESSX | - | Electronic Switching System Exchange | |
| f | - | frequency | |
| F.C.C. | - | Federal Communications Commission | |
| | | | (D) |
| FID | - | Field Identifier | |
| FX | - | Foreign Exchange | |
| | | | (D) |
| HC | - | High Capacity | |
| Hz | - | Hertz | |
| IC | - | Interstate Customer | |
| ICB | - | Individual Case Basis | |
| ICL | - | Inserted Connection Loss | |
| IOF | - | Inter-Office Facility | |
| IP | - | Interconnection Point | |
| kbps | - | kilobits per second | |
| kHz | - | kilohertz | |
| LAN | - | Local Area Network | |
| LATA | - | Local Access and Transport Area | |
| LCC | - | Line Cost Charge | |
| LIDB | - | Line Information Data Base | |
| Ma | - | milliamperes | |
| Mbps | - | Megabits per second | |
| MHz | - | Megahertz | |
| MMUC | - | Minimum Monthly Usage Charge | |
| MRC | - | Monthly Recurring Charge | |
| MRCCs | - | Maritime Radio Common Carriers | |
| MSA | - | Metropolitan Statistical Area | |
| MTS | - | Message Telecommunications Service(s) | |
| MTSO | - | Mobile Telephone Switching Office | |
| NDP | - | National Discount Plan | |
| N-MSA | - | Non-qualifying MSA | |
| NPA | - | Numbering Plan Area | |
| NRC | - | Nonrecurring Charge | |
| NTS | - | Non-Traffic Sensitive | |
| NXX | - | Three Digit Central Office Code | |
| OBSC | - | Out of Band Signaling Connection | |
| OTPL | - | Zero Transmission Level Point | |

ACCESS SERVICE

EXPLANATION OF ABBREVIATIONS

| | | | |
|---|---|---|---|
| PBX | - | Private Branch Exchange | |
| PCM | - | Pulse Code Modulation | |
| PI | - | Priority Installation | |
| PLR | - | Private Line Ringdown | |
| POT | - | Point of Termination | |
| PR | - | Priority Restoration | |
| RCCs | - | Radio Common Carriers | |
| rms | - | root-mean-square | |
| RPON | - | Related Purchase Order Number | |
| RSM | - | Remote Switching Modules | |
| RSS | - | Remote Switching Systems | |
| SASG | - | Special Access Service Guarantee | (D) |
| SLA | - | Service Level Agreement | |
| SLC | - | Subscriber Line Charge | (D) |
| SPOI | - | Signaling Point of Interface | |
| SRL | - | Singing Return Loss | |
| SS7 | - | Signaling System 7 | |
| SSN | - | Switched Service Network | |
| STP | - | Signal Transfer Point | |
| SWC | - | Serving Wire Center | |
| S56 | - | Switched 56 Kilobit Service | |
| TAS | - | Tandem Access Sectorization | |
| TASA | - | Tandem Access Sectorization Area | |
| TES | - | Telephone Exchange Service(s) | |
| TL1 | - | Transaction Language 1 | |
| TLP | - | Transmission Level Point | |
| TSPS | - | Traffic Service Position System | |
| TSP | - | Telecommunications Service Priority | (D) |
| | | | (D) |
| UPS | - | Uninterrupted Power Supply | |
| USOC | - | Uniform Service Order Code | |
| VG | - | Voice Grade | |
| V & H | - | Vertical & Horizontal | |
| WATS | - | Wide Area Telecommunications Service(s) | |
| WCN | - | With Calling Name | |
| WOCN | - | Without Calling Name | |

REFERENCE TO OTHER TARIFFS

Whenever reference is made in this tariff to other tariffs, the reference is to the tariffs in force as of the effective date of this tariff, and to amendments thereto and successive issues thereof.

The following tariff is referenced in this tariff and may be obtained from the National Exchange Carrier Association on the Internet at neca.org. (D)

National Exchange Carrier Association, Inc.
Tariff F.C.C. No. 4

ACCESS SERVICE

REFERENCE TO OTHER PUBLICATIONS

The following technical publications are referenced in this tariff and may be obtained from Telcordia Technologies, One Telcordia Drive, RRC 1B-180, Piscataway, NJ 08854-4156, (866)672-6997 or on the Internet at www.telcordia.com.

Technical Reference:

| | | |
|---|---|---|
| FR-64-CORE, Issue 3 | Issued: April 2008 | (D) |
| GR-54-CORE, Issue 1 | Issued: December 1995 | |
| GR-63-CORE, Issue 5 | Issued: December 2017 | |
| GR-253-CORE, Issue 4 | Issued: December 2005 | |
| GR-334-CORE, Issue 1 | Issued: July 1994 | |
| GR-342-CORE, Issue 1 | Issued: December 1995 | |
| GR-394-CORE, Issue 8 | Issued: November 2007 | |
| GR-436-CORE, Issue 1 | Issued: June 1994 | |
| GR-499-CORE, Issue 4 | Issued: November 2009 | |
| GR-905-CORE, Issue 11 | Issued: December 2008 | |
| GR-954-CORE, Issue 4 | Issued: August 2005 | (D) |
| GR-1083-CORE, Issue 5 | Issued: September 2004 | (D) |
| GR-1244-CORE, Issue 3 | Issued: May 2005 | (D) |

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REFERENCE TO OTHER PUBLICATIONS (Cont'd)

Technical Reference: (Cont'd)

| | | |
|---|---|---|
| GR-1374-CORE, Issue 1 | Issued: December 1994 | (D) |
| PUB 62310 | Issued: September 1983 | (D) (D) |
| SR-TAP-000191, Issue 2 | Issued: December 1998 | (D) (D) |
| TR-NPL-000157, Issue 2 | Issued: April 1986 | (D) |
| TR-NWT-000335, Issue 3 | Issued: May 1993 | |
| TR-NWT-000341, Issue 2 | Issued: February 1993 | |



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REFERENCE TO OTHER PUBLICATIONS (Cont'd)

Technical Reference: (Cont'd)

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The following technical publications are referenced in this tariff and may be obtained from Telcordia Routing Administration, 8 Corporate Place PYA 3N-141, Piscataway, NJ 08854-4156, 1(866) 672-4156.

Technical Reference:

The Local Exchange Routing Guide (LERG), Issued: August 1, 2009, and as issued from time to time

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REFERENCE TO OTHER PUBLICATIONS (Cont'd)

The following publications are referenced in this tariff and may be obtained from the Government Printing Office, Superintendent of Documents, Document Control Branch, 941 N. Capitol St., N.E., Washington, D.C. 20401.

Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service Vendor Handbook, National Communications System (NCS) H 3-1-2
Issued: December 2000

Telecommunication Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service User Manual, National Communications System (NCS) M 3-1-1
Issued: May 2000

The following technical publication is referenced in this tariff and may be obtained from the National Exchange Carrier Association on the Internet at neca.org.

PUB AS No. 1, Issue II
Issued: May 1984

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REFERENCE TO OTHER PUBLICATIONS (Cont'd)

The following publications are referenced in this tariff and may be obtained from Verizon Carrier Services, 1320 N. Court House Road, Arlington, VA 22201.

Verizon Schedule of Standard Intervals

Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1 Issued: December 1990
Supplement Issued: August 1992

(D)
(D)

The following publications are referenced in this tariff and may be obtained from Alliance for Telecommunications Industry Solutions (ATIS), 1200 G Street, NW, Suite 500, Washington, DC 20005 or on the Internet at www.atis.org/obf.

Multiple Exchange Carrier Access Billing Guidelines (MECAB)
ATIS/OBF-MECAB 009, Issue 9 Issued: January 2007

Multiple Exchange Carrier Ordering and Design Guidelines (MECOD)
ATIS-0404120-0007, Issue 7 Issued: April 2009

The following publication, referenced in this tariff, may be obtained from National Fire Protection Association, 1 Battery March Park, Quincy, MA 02169-7471, or in electronic format on the Internet at www.nfpa.org.

National Electrical Code, NFPA 70 2008 Edition, Issued: August 2008

The following publication is referenced in this tariff and may be obtained from the United States Department of Labor, Publication Distribution, 200 Constitution Avenue, N.W., Washington, D.C. 20210 or on the Internet at www.osha.gov.

Occupational Safety and Health Act, Issued: December 1970 and as amended through January 2004

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REFERENCE TO OTHER PUBLICATIONS (Cont'd)

The following publications are referenced in this tariff and may be obtained from Collocated Interconnection Major Project Team Coordinator:

- 540 Broad Street, Newark, NJ 07101;
- One Parkway, Philadelphia, PA 19102;
- 911 Tatnall Street, Wilmington, DE 19801;
- One East Pratt St., Baltimore, MD 21202;
- 1710 H St., NW, Washington D.C. 20006;
- 600 East Main Street, Richmond, VA 23219;
- 1500 MacCorkle Ave., S.E., Charleston, WV 25314; or
- from Verizon Wholesale Markets Group, 2980 Fairview Park Dr, 10th Floor, Falls Church, VA 22042.

| | | |
|---|---|---|
| Verizon Information Pub. IP 72201, Issue 1A | Issued: November 2003 | |
| Verizon Information Pub. IP 72013, Issue 6 | Issued: April 2008 | (T) |
| Cable Splicing Handbook | Issued: December 1991 | |
| Cable Placing Handbook | Issued: December 1991 | |
| Cable Maintenance Handbook | Issued: December 1991 | |
| General Information Tools & Safety Manual | Issued: December 1992 | |
| Building Owners and Managers Association International Standards (BOMA) | Issued: December 1992 | |

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REFERENCE TO OTHER PUBLICATIONS (Cont'd)

The following publications are referenced in this tariff and may be obtained from the American National Standards Institute (ANSI), 25 West 43rd Street, 4th Floor, New York, New York 10036, or on the Internet at www.ansi.org.

| | | |
|---|---|---|
| ANSI T1.101 | Issued: 1994 | (D) |
| ANSI T1.105.01-2000 (R2005) | Issued: 2005 | (D) (D) |
| ANSI T1.403-1999 (R2007) | Issued: 2007 | (D) |
| ANSI T1.404-2002 (R2006) | Issued: 2006 | |

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REFERENCE TO TECHNICAL PUBLICATIONS AND INFORMATION PUBLICATIONS (Cont'd)

The following publications are referenced in this tariff and may be obtained from Institute of Electrical and Electronics Engineers, Inc., IEEE Standards Association, 445 Hoes Lane, P.O. Box 1331, Piscataway, NJ 08855-1331, or in electronic format on the Internet at www.ieee.org.

IEEE C95.1-2005 Issued: 2005 (D)

(D)

The following publication, referenced in this tariff, may be obtained from the Verizon Telecommunications, 600 Hidden Ridge, MC-E03L08, Irving, TX 75038.

Technical Memorandum for Incidental InterLATA Call Management Signaling Service associated with the Verizon FCC Short Term Notice of Network Change dated March 2007 Issued: March 2007

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REFERENCE TO OTHER PUBLICATIONS (Cont'd)

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ACCESS SERVICE

REFERENCE TO OTHER PUBLICATIONS (Cont'd)

(D)

(D)

The Collocation Space Summary, which is referenced in this tariff, may be obtained from the Telephone Company's Internet website at http://www22.verizon.com/wholesale/local/collocation/detail/physical-collocation-space-exhaust-list.html. (C) (C)

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ACCESS SERVICE

REFERENCE TO OTHER PUBLICATIONS (Cont'd)

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ACCESS SERVICE

REFERENCE TO OTHER PUBLICATIONS (Cont'd)

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ACCESS SERVICE

1. Application of Tariff

1.1 This tariff contains regulations, rates and charges applicable to the provision of Carrier Common Line, End User Access, Switched Access, Special Access Services that in each case are subject to Section 203 of the Communications Act (the "Act"), and other miscellaneous services, hereinafter referred to collectively as service(s), provided to customers by the following telephone companies of the Verizon Telephone Companies as issuing carriers: Verizon Pennsylvania LLC, Verizon New Jersey Inc., Verizon Delaware LLC, Verizon Washington, D.C. Inc., Verizon Maryland LLC, and Verizon Virginia LLC, hereinafter referred to (individually and collectively, as applicable) as the Telephone Company. (C) (C) (T) (T)

The Special Access Service regulations, rates and charges located in this tariff are for Non-Competitive End User Channel Terminations (and associated optional features and functions).[1] In some instances, this tariff refers to Special Access Services in general terms, including references to competitive Special Access Services such as transport and channel terminations other than Non-Competitive End User Channel Terminations that are provided outside this tariff. Any references to Special Access Services provided outside of this tariff are solely to assist in understanding the manner in which the Telephone Company offers such services in connection with tariffed services and shall not be construed to mean that such services are offered under this tariff or are subject to Section 203 of the Act. (N)

1.2 The provision of such services by the Telephone Company as set forth in this tariff does not constitute a joint undertaking with the customer for the furnishing of any service.

1.3 The operating territory of the Telephone Company is the entire state of Delaware and the locations set forth in Section 14 following for the states of Maryland, New Jersey, Pennsylvania, Virginia, and the District of Columbia. (T)

1.4 References in this tariff to local general services tariffs constitute the referencing of any state jurisdiction tariff approved by a state regulatory commission, or its equivalent (e.g., product guide), for any of the issuing carriers mentioned in 1.1 above. (C) (C)

[1] Special Access Services not subject to Section 203 of the Act, including services detariffed in compliance with FCC Orders 17-43 (released April 28, 2017) and 19-66 (released July 12, 2019), are provided outside this tariff and are governed by agreements, contracts and other documents including the Business Data Services Product Guide and associated terms that are available at verizon.com/productguides or other designated location. (N)

Certain material previously found on this page can now be found on Original Page 1-2.

ACCESS SERVICE

1. Application of Tariff (Cont'd)

1.5 References in this tariff to Interstate Special Construction Tariffs refer to the following tariff as effective in their respective territories: (M)

Tariff F.C.C. NO. 21 for Verizon Washington, D.C. Inc., Verizon Maryland LLC, Verizon Virginia LLC, Verizon New Jersey Inc., Verizon Pennsylvania LLC, and Verizon Delaware LLC. (M)

Material on this page formerly appeared on 6th Revised Page 1-1.

ACCESS SERVICE

## 2. General Regulations

For Special Access Services, only Non-Competitive End-User Channel Terminations (and associated optional features and functions) are included in this tariff. General terms and conditions for the other Special Access Service components needed to complete a circuit are available as described in Section 1.1 preceding. (N)

### 2.1 Undertaking of the Telephone Company

#### 2.1.1 Scope

(A) The Telephone Company does not undertake to transmit messages under this tariff.

(B) The Telephone Company shall be responsible only for the installation, operation and maintenance of the services it provides.

(C) The Telephone Company will, for maintenance purposes, test its services only to the extent necessary to detect and/or clear troubles.

(D) Services are provided 24 hours daily, seven days per week, except as set forth in other applicable sections of this tariff.

(E) The Telephone Company does not warrant that its facilities and services meet standards other than those set forth in this tariff.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.2 Limitations

(A) The customer may not assign or transfer the use of services provided under this tariff; however, where there is no interruption of use or relocation of the services, such assignment or transfer may be made to:

(1) another customer, whether an individual, partnership, association or corporation, provided the assignee or transferee assumes all outstanding indebtedness for such services, and the unexpired portion of the minimum period and the termination liability applicable to such services, if any; or

(2) a court-appointed receiver, trustee or other person acting pursuant to law in bankruptcy, receivership, reorganization, insolvency, liquidation or other similar proceedings, provided the assignee or transferee assumes the unexpired portion of the minimum period and the termination liability applicable to such services, if any.

In all cases of assignment or transfer, the written acknowledgement of the Telephone Company is required prior to such assignment or transfer which acknowledgement shall be made within 15 days from the receipt of notification. All regulations and conditions contained in this tariff shall apply to such assignee or transferee.

The assignment or transfer of services does not relieve or discharge the assignor or transferor from remaining jointly or severally liable with the assignee or transferee for any obligations existing at the time of the assignment or transfer.

(B) The regulations for the installation and restoration of Telecommunications Service Priority (TSP) System Services shall be subject to Part 64.401, Appendix A, of the Federal Communications Commissions Rules and Section 10, following.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.2 Limitations (Cont'd)

(C) Subject to compliance with the rules mentioned in (B) preceding, the services offered herein will be provided to customers on a first-come, first-served basis. (C)

(D)
|
|
|
(D)

2.1.3 Liability

(A) The Telephone Company's liability, if any, for its willful misconduct is not limited by this tariff. With respect to any other claim or suit, by a customer, or by any others, for damages associated with the installation, provision, preemption, termination, maintenance, repair or restoration of service, and subject to the provisions of (B) through (H) following, the Telephone Company's liability, if any, shall not exceed an amount equal to the proportionate charge for the service for the period during which the service was affected. This liability for damages shall be in addition to any amounts that may otherwise be due the customer under this tariff as a Credit Allowance for a Service Interruption.

(B) The Telephone Company shall not be liable for any act or omission of any other carrier or customer providing a portion of a service, nor shall the Telephone Company for its own act or omission hold liable any other carrier or customer providing a portion of a service.

(C) The Telephone Company shall not be liable for any act or omission concerning the implementation of Presubscription as set forth in 4.2 following unless it is due to the negligence of the Telephone Company.

(D) The Telephone Company is not liable for damages to the customer premises resulting from the furnishing of a service, including the installation and removal of equipment and associated wiring, unless the damage is caused by the Telephone Company's negligence.

(E) The Telephone Company shall be indemnified, defended and held harmless by the end user against any claim, loss or damage arising from the end user's use of services offered under this tariff, involving:

(This page filed under Transmittal No. 1156)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.3 Liability (Cont'd)

(E) (Cont'd)

(1) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the end user's own communications;

(2) Claims for patent infringement arising from the end user's acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the end user or IC or;

(3) All other claims arising out of any act or omission of the end user in the course of using services provided pursuant to this tariff.

(F) The Telephone Company shall be indemnified, defended and held harmless by the IC against any claim, loss or damage arising from the IC's use of services offered under this tariff, involving:

(1) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the IC's own communications;

(2) Claims for patent infringement arising from the IC's acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the end user or IC or;

(3) All other claims arising out of any act or omission of the IC in the course of using services provided pursuant to this tariff.

(G) The Telephone Company does not guarantee or make any warranty with respect to its services when used in an explosive atmosphere. The Telephone Company shall be indemnified, defended and held harmless by the customer from any and all claims by any person relating to such customer's use of services so provided.

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.3 Liability (Cont'd)

(H) No license under patents (other than the limited license to use) is granted by the Telephone Company or shall be implied or arise by estoppel, with respect to any service offered under this tariff. The Telephone Company will defend the customer against claims of patent infringement arising solely from the use by the customer of services offered under this tariff and will indemnify such customer for any damages awarded based solely on such claims.

(I) The Telephone Company's failure to provide or maintain services under this tariff shall be excused by labor difficulties, governmental orders, civil commotions, criminal actions taken against the Telephone Company, acts of God and other circumstances beyond the Telephone Company's reasonable control, subject to the Credit Allowance for Service Interruptions as set forth in Section 2.7.1.1 and When a Credit Allowance Does Not Apply as set forth in Section 2.7.4(B) following. (T) | (T)

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.4 Provision of Services

The Telephone Company, to the extent that such services are or can be made available with reasonable effort, and after provision has been made for the Telephone Company's Telephone Exchange Services, will provide to the customer upon reasonable notice services offered in other applicable sections of this tariff at rates and charges specified therein.

2.1.5 Installation and Termination of Services

The Access Services provided under this tariff (A) will include any entrance cable or drop wiring and wire or intrabuilding cable to that point where provision is made for termination of the Telephone Company's outside distribution network facilities at a suitable location of mutual agreement inside a customer-designated premises and (B) will be installed by the Telephone Company to such Point of Termination. Access Service has only one Point of Termination per customer premises. Any additional terminations beyond such Point of Termination is the sole responsibility of the customer. The Point of Termination is an inherent part of Switched and Special Access Services, therefore, the preceding does not preclude the customer's ability to have the Point of Termination moved as set forth in 6.8.7 and 7.4.5 following for Switched and Special Access Services, respectively.

2.1.6 Maintenance of Services

The services provided under this tariff shall be maintained by the Telephone Company. The customer or others may not rearrange, move, disconnect, remove or attempt to repair any facilities provided by the Telephone Company, other than by connection or disconnection to any interface means used, except with the written consent of the Telephone Company.

2.1.7 Changes and Substitutions

Except as provided for equipment and systems subject to FCC Part 68 Regulations at 47 C.F.R. Section 68.110(o), the Telephone Company may, where such action is reasonably required in the operation of its business, (A) substitute, change or rearrange any facilities used in providing service under this tariff, including but not limited to, (1) substitution of different metallic facilities, (2) substitution of carrier or derived facilities for metallic facilities used to provide other than metallic facilities and (3) substitution of

ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.7 Changes and Substitutions (Cont'd)

metallic facilities for carrier or derived facilities used to provide other than metallic facilities, (B) change minimum protection criteria, (C) change operating or maintenance characteristics of facilities or (D) change operations or procedures of the Telephone Company. In case of any such substitution, change or rearrangement, the transmission parameters will be within the range as set forth in 6. and 7. following. The Telephone Company shall not be responsible if any such substitution, change or rearrangement renders any customer furnished services obsolete or requires modification or alteration thereof or otherwise affects their use or performance. If such substitution, change or rearrangement materially affects the operating characteristics of the facility, the Telephone Company will provide reasonable notification to the customer in writing. Reasonable time will be allowed for any redesign and implementation required by the change in operating characteristics. The Telephone Company will work cooperatively with the customer to determine reasonable notification requirements.

2.1.8 Refusal and Discontinuance of Service

(A) Unless the provisions of 2.2.1(B) or 2.5 following apply, if a customer fails to comply with 2.1.6 preceding or 2.2.2, 2.3.1, 2.3.4, 2.3.5 or 2.4 following, including any payments to be made by the customer on the dates and times herein specified, the Telephone Company may, on thirty (30) calendar days written notice, discontinue provision of service and/or refuse additional applications for service, including the provision of Physically or Virtually Collocated Interconnection, and/or refuse to complete any pending orders for service, including the provision of Physically or Virtually Collocated Interconnection, by the noncomplying customer at any time thereafter. (T) (C) (C)

Certain material previously found on this page can now be found on Original Page 2-139.

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.8 Refusal and Discontinuance of Service (Cont'd)

(D)

(D)

(B) Unless the provisions of 2.2.1(B) or 2.5 following apply, if a customer fails to comply with 2.1.6 preceding or 2.2.2, 2.3.1, 2.3.4, 2.3.5 or 2.4 following, including any payments to be made by it on the dates and times herein specified, the Telephone Company may, on thirty (30) calendar days written notice by Certified U.S. Mail or Overnight Delivery to the person designated by that customer to receive such notices of noncompliance, discontinue the provision of the services, including the provision of Physically or Virtually Collocated Interconnection, to the noncomplying customer at any time thereafter. In the case of such discontinuance, all applicable charges, including termination charges, shall become due. (M) (M) (C) (C) (M) (M) (C)

(M) Certain material currently appearing on this page formerly appeared on Page No. 2-9.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.8 Refusal and Discontinuance of Service (Cont'd)

(C) In addition to and not in limitation of the provisions of 2.1.8(A) and 2.1.8(B) preceding, unless the provisions of 2.2.1(B) or 2.5 following apply, if a customer fails to comply with 2.4.1(B)(3) or with 2.4.1(A) following, including any payments to be made by it on the dates and times herein specified, the Telephone Company may take the actions specified in 2.1.8(A) and 2.1.8(B) with regard to services provided hereunder to that customer on fifteen (15) calendar days written notice, such notice period to start the day after the notice is sent by Overnight Delivery, if the customer has not complied with respect to amounts due in a subject bill and either

(1) the Telephone Company has sent the subject bill to the customer within seven (7) business days of the bill date; or

(2) the Telephone Company has sent the subject bill to the customer more than thirty (30) calendar days before notice under this section is given.

In all other cases, the Telephone Company will give thirty (30) calendar days written notice pursuant to 2.1.8(A) or 2.1.8(B). The Telephone Company will maintain records sufficient to validate the date upon which a bill was sent to a customer. Action will not be taken as specified in 2.1.8(A) or 2.1.8(B) with regard to the subject bill if the customer cures the noncompliance prior to the expiration of the fifteen (15) or thirty (30) day notice period, as applicable.

(D) If the Telephone Company provided notice pursuant to 2.1.8(A), (B), or (C) above, does not refuse additional applications for service, or discontinue the provision of the services on the date specified, and the customer's noncompliance continues, nothing contained herein shall preclude the Telephone Company's right to refuse additional applications for service or to discontinue the provision of the services, including the provision of Physically or Virtually Collocated Interconnection, to the noncomplying customer without further notice.

(E) Reserved. (C)

Certain material previously found on this page can now be found on Original Page 2-139.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.8 Refusal and Discontinuance of Service (Cont'd)

(F) The provisions of 2.1.8(A), (B), and (C) above shall not apply to charges that a customer does not pay based on submission of a good faith dispute pursuant to 2.4.1(B)(3)(c)(1) following. (N)

(G) When access service is provided by more than one Telephone Company, the companies involved in providing the joint service may individually or collectively deny service to a customer for nonpayment. Where the Telephone Company(s) affected by the nonpayment is incapable of effecting discontinuance of service without cooperation from the other joint providers of Switched Access Service, such other Telephone Company(s) will, if technically feasible, assist in denying the joint service to the customer. Service denial for such joint service will only include calls originating or terminating within, or transiting, the operating territory of the Telephone Companies initiating the service denial for nonpayment. When more than one of the joint providers must deny service to effectuate termination for nonpayment, in cases where a conflict exists in the applicable tariff provisions, the tariff regulations of the end office Telephone Company shall apply for joint service discontinuance. (T) (M) (M)

(M) Certain material currently appearing on this page formerly appeared on Page No. 2-9.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.9 Limitation of Use of Metallic Facilities

Signals applied to a metallic facility shall conform to the limitations set forth in Technical Reference Publication AS No. 1. In the case of application of dc telegraph signaling systems, the customer shall be responsible, at its expense, for the provision of current limiting devices to protect the Telephone Company facilities from excessive current due to abnormal conditions and for the provision of noise mitigation networks when required to reduce excessive noise.

2.1.10 Notification of Service-Affecting Activities

The Telephone Company will provide the customer reasonable notification of service-affecting activities that may occur in normal operation of its business. Such activities may include, but are not limited to, equipment or facilities additions, removals or rearrangements, and routine preventative maintenance and switch replacements or retirements. Generally, such activities are not individual customer service specific, they affect many customer services. No specific advance notification period is applicable to all service activities. (T) (C) (D)

2.1.11 Coordination with Respect to Network Contingencies

The Telephone Company intends to work cooperatively with the customer to develop network contingency plans in order to maintain maximum network capability following natural or man-made disasters which affect telecommunications services.

2.1.12 Provision and Ownership of Telephone Numbers

The Telephone Company reserves the reasonable right to assign, designate or change telephone numbers, any other call number designations associated with Access Services, or the Telephone Company serving central office prefixes associated with such numbers, when necessary in the conduct of its business. Should it become necessary to make a change in such number(s), the Telephone Company will furnish to the customer six months' notice, of the effective date and an explanation of the reason(s) for such change(s). (T)

Certain material previously found on this page can now be found on Original Page 2-139.

2. General Regulations (Cont'd)

2.2 Use

2.2.1 Interference or Impairment

(A) The characteristics and methods of operation of any circuits, facilities or equipment provided by other than the Telephone Company and associated with the facilities utilized to provide services under this tariff shall not interfere with or impair service over any facilities of the Telephone Company, its affiliated companies, or its connecting and concurring carriers involved in its services, cause damage to their plant, impair the privacy of any communications carried over their facilities or create hazards to the employees of any of them or the public.

(B) Except as provided for equipment or systems subject to the FCC Part 68 Rules in 47 C.F.R., Section 68.108, if such characteristics or methods of operation are not in accordance with (A) preceding, the Telephone Company will, where practicable, notify the customer that temporary discontinuance of the use of a service may be required; however, where prior notice is not practicable, nothing contained herein shall be deemed to preclude the Telephone Company's right to temporarily discontinue forthwith the use of a service if such action is reasonable under the circumstances. In case of such temporary discontinuance, the customer will be promptly notified and afforded the opportunity to correct the condition which gave rise to the temporary discontinuance. During such period of temporary discontinuance, credit allowances as set forth in Section 2.7 following are not applicable. (T) (T)

2.2.2 Unlawful Use

The service provided under this tariff shall not be used for an unlawful purpose.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.2 Use (Cont'd)

2.2.3 Commingling (N)

Except as provided in Section 51.318 of the Federal Communications Commission's rules, telecommunications carriers who obtain unbundled network elements or combinations of unbundled network elements pursuant to a Statement of Generally Available Terms, under Section 252 of the Act, or pursuant to an interconnection agreement with the Telephone Company, may connect, combine, or otherwise attach such unbundled network elements or combinations of unbundled network elements to access services purchased under this tariff except to the extent such agreement (1) expressly prohibits such commingling; or (2) does not address commingling and the requesting carrier has not negotiated an interconnection agreement (or amendment) expressly permitting such commingling. The rates, terms, and conditions of this tariff will apply to the access services that are commingled. Unbundled network elements or combinations of unbundled network elements that are commingled with access services do not constitute a shared use arrangement as set forth in this tariff, and are therefore not eligible for adjustment of charges under such provisions. (N)



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer

2.3.1 Damages

The customer shall reimburse the Telephone Company for damages to Telephone Company facilities utilized to provide services under this tariff caused by the negligence or willful act of the customer, or resulting from the customer's improper use of the Telephone Company facilities, or due to malfunction of any facilities or equipment provided by other than the Telephone Company. Nothing in the foregoing provision shall be interpreted to hold one customer liable for another customer's actions. The Telephone Company will, upon reimbursement for damages, cooperate with the customer in prosecuting a claim against the person causing such damage and the customer shall be subrogated to the right of recovery by the Telephone Company for the damages to the extent of such payment.

2.3.2 Ownership of Facilities and Theft

Facilities utilized by the Telephone Company to provide service under the provisions of this tariff shall remain the property of the Telephone Company. Such facilities shall be returned to the Telephone Company by the customer, whenever requested, within a reasonable period following the request in as good condition as reasonable wear will permit.

2.3.3 Equipment Space and Power

The customer shall furnish or arrange to have furnished to the Telephone Company, at no charge, equipment space and electrical power required by the Telephone Company to provide services under this tariff at the points of termination of such services. The selection of ac or dc power shall be mutually agreed to by the customer and the Telephone Company. The customer shall also make necessary arrangements in order that the Telephone Company will have access to such spaces at reasonable times for installing, testing, repairing or removing Telephone Company services.

(x)

(x)

(x) Material withdrawn under authority of Special Permission No. 03-014 of the Federal Communications Commission.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.3 Equipment Space and Power (Cont'd)

(x)

(x)

2.3.4 Availability for Testing

The services provided under this tariff shall be available to the Telephone Company at times mutually agreed upon in order to permit the Telephone Company to make tests and adjustments appropriate for maintaining the services in satisfactory operating condition. Such tests and adjustments shall be completed within a reasonable time. No credit will be allowed for any interruptions involved during such tests and adjustments.

2.3.5 Balance

All signals for transmission over the services provided under this tariff shall be delivered by the customer balanced to ground except for ground start, duplex (DX) and McCulloh-Loop (Alarm System) type signaling and dc telegraph transmission at speeds of 75 baud or less.

(x) Material withdrawn under authority of Special Permission No. 03-014 of the Federal Communications Commission.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.6 Design of Customer Services

Subject to the provisions of 2.1.7 preceding, the customer shall be solely responsible, at its own expense, for the overall design of its services and for any redesigning or rearrangement of its services which may be required because of changes in facilities, operations or procedures of the Telephone Company, minimum protection criteria or operating or maintenance characteristics of the facilities.

2.3.7 References to the Telephone Company

The customer may advise End Users that certain services are provided by the Telephone Company in connection with the service the customer furnishes to End Users; however, the customer shall not represent that the Telephone Company jointly participates in the customer's services.

2.3.8 Claims and Demands for Damages

(A) With respect to claims of patent infringement made by third persons, the customer shall defend, indemnify, protect and save harmless the Telephone Company from and against all claims arising out of the combining with, or use in connection with, the services provided under this tariff, any circuit, apparatus, system or method provided by the customer.

(B) The customer shall defend, indemnify and save harmless the Telephone Company from and against any suits, claims, losses or damages, including punitive damages, attorney fees and court costs by third persons arising out of the construction, installation, operation, maintenance, or removal of the customer's circuits, facilities, or equipment connected to the Telephone Company's services provided under this tariff, including, without limitation, Workmen's Compensation claims, actions for infringement of copyright and/or unauthorized use of program material, libel and slander actions based on the content of communications transmitted over the customer's circuits, facilities or equipment, and proceedings to recover taxes, fines, or penalties for failure of the customer to obtain or maintain in effect any necessary certificates, permits, licenses, or other authority to

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.8 Claims and Demands for Damages (Cont'd)

(B) (Cont'd)

acquire or operate the services provided under this tariff; provided, however, the foregoing indemnification shall not apply to suits, claims, and demands to recover damages for damage to property, death, or personal injury unless such suits, claims or demands are based on the tortious conduct of the customer, its officers, agents or employees.

(C) The customer shall defend, indemnify and save harmless the Telephone Company from and against any suits, claims, losses or damages, including punitive damages, attorney fees and court costs by the customer or third parties arising out of any act or omission of the customer in the course of using service provided under this tariff.

2.3.9 Coordination with Respect to Network Contingencies

The customer shall, in cooperation with the Telephone Company, coordinate in planning the actions to be taken to maintain maximum network capability following natural or man-made disasters which affect telecommunications services.

Certain material formerly appearing on this page now appears on Page No. 2-15.2.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.10 Jurisdictional Report Requirements (Cont'd)

(A) Jurisdictional Reports

For purposes of determining the jurisdiction of Switched Access Services, the regulations set forth in (A) through (D) apply.

(1) Percent Interstate Usage (PIU)

(a) When the Telephone Company receives sufficient call detail to permit it to determine the jurisdiction of some or all originating and terminating access minutes of use, the Telephone Company will use that call detail to render bills for those minutes of use and will not use customer reported Percent Interstate Usage (PIU) factors for the jurisdiction of those minutes of use. (T) (M) (x)

The Telephone Company will apply the PIU factor provided by the customer as set forth in (A)(1)(b) only to minutes of use for which the Telephone Company does not have sufficient call detail to determine jurisdiction. The customer-provided PIU factor will be used until the customer provides an updated PIU factor as set forth in (C)(1) following. No prorating or back billing will be done based on the updated report. (M) (C) (C) (M) (M) (T) (M) (M) (x)

(x) Certain material on this page formerly appeared on 3rd Revised Page 2-15.2.

Certain material previously found on this page can now be found on 4th Revised Page 2-17.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.10 Jurisdictional Report Requirements (Cont'd)

(A) Jurisdictional Reports (Cont'd)

(1) Percent Interstate Usage (PIU) (Cont'd)

(D) (x)

(D) (x)

(b) When the customer initially orders Switched Access Service(s) the customer will state in its order (Access Service Request) a PIU factor. This factor will be used by the Telephone Company as the customer-provided PIU factor until the customer provides an updated PIU factor as required in (C)(1) (T) (x) (M) | (T) | (M) | (M) | (T) | (T) (x)

Certain material previously found on this page can now be found on 3rd Revised Page 2-15.1.

(x) Certain material on this page formerly appeared on 3rd Revised Pages 2-16 and 2-16.1.



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2. General Regulations (Cont'd)
2.3 Obligations of the Customer (Cont'd)
2.3.10 Jurisdictional Report Requirements (Cont'd)
(A) Jurisdictional Reports (Cont'd)
(1) Percent Interstate Usage (PIU) (Cont'd)
(b) (Cont'd)

following. The customer has the option to provide the Telephone Company with both an originating and a terminating PIU factor based upon either the Billing Account Number or the state from which the customer may originate and/or terminate traffic. Separate PIU factors will be applied for each service listed below.

- Lineside BSA (Notes 1,2,3)
- Feature Group A (Notes 1,2,3)
- Feature Group A FX/ONAL (Notes 2,3)
- Trunkside BSA-950 Option (Notes 1,2,3) (D)
- Trunkside BSA-101XXXX Option (Notes 2,3) (Z)
- Feature Group B (Notes 2,3) (D)
- Feature Group D (Notes 2,3)
- 500 Access Services (Note 3)
- 700 Access Services (Note 3)
- Toll Free Services (Notes 2,3, 5)
- 900 Access Services (Note 3)
- Directory Assistance Service (Note 4)

Note 1: Services that do not have recording capability will be designated as interstate services.

Note 2: The PIU factors will apply to all associated elements and services, e.g., Carrier Common Line, Local Switching, Tandem Switched Transport, Host/Remote Transport, Access Tandem Switching, Shared End Office Trunk Port service and Transport Multiplexing, where applicable.

Note 3: The PIU factor for Switched Access services must be provided by the customer of record for Tandem Switching when used in conjunction with Collocated Interconnection Services, as described in Section 19.

Note 4: The customer shall provide a PIU factor for each Directory access service group ordered.

Note 5: "Toll Free" service includes any access service that utilizes the following NPAs: 800, 888, 877, 866, 855, 844, 833, and 822 as they become available to the industry.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.10 Jurisdictional Report Requirements (Cont'd)

(A) Jurisdictional Reports (Cont'd)

(1) Percent Interstate Usage (PIU) (Cont'd)

(b) (Cont'd)

When the customer provides PIU factors, the Company will subtract the developed PIU factor from 100 and the difference is the percent intrastate usage. The sum of the interstate and intrastate percentages will equal 100 percent. The customer may only provide a PIU factor that is a whole number (a number from 0 to 100).

For multiline hunt group or trunk group arrangements where either the interstate or the intrastate charges are based on measured usage, the interstate Lineside BSA, Trunkside BSA-950 Option, Feature Group A and/or Feature Group B Switched Access Service(s) information reported as set forth above will be used to determine the charges. For all groups, the number of access minutes for a group will be multiplied by the PIU factor to develop the interstate access minutes. The number of access minutes for the group minus the developed interstate access minutes for the group will be the developed intrastate access minutes. (D)

If a state level PIU factor is provided by the customer, the percentage will be applied to all accounts from which the customer may originate traffic within the state.

ACCESS SERVICE

2. General Regulations (Cont'd)
2.3 Obligations of the Customer (Cont'd)
2.3.10 Jurisdictional Report Requirements (Cont'd)
(A) Jurisdictional Reports (Cont'd)
(1) Percent Interstate Usage (PIU) (Cont'd)

(c) For purposes of developing the projected interstate percentage for Feature Group D (or Trunkside BSA-101XXXX Option), the customer shall consider every call that originates from a calling party in one state and terminates to a called party in a different state to be interstate communications. The customer shall consider every call that terminates to a called party within the same state as the state where the calling party is located to be intrastate communications. The manner in which a call is routed through the telecommunications network does not affect the jurisdiction of a call, i.e., a call between two points within the same state is an intrastate call even if it is routed through another state. (D) (Z)

For Feature Group A (or Lineside BSA) and Feature Group B (or Trunkside BSA-950 Option), pursuant to Federal Communications Commission Order FCC 85-145 adopted April 16, 1985, interstate usage is to be developed as though every call that enters a customer network at a point within the same state as that in which the called station is situated is an intrastate communication and every call that enters a customer's network at a point in a state other than that where the called station is situated is an interstate communication.

ACCESS SERVICE

2. General Regulations (Cont'd)
2.3 Obligations of the Customer (Cont'd)
2.3.10 Jurisdictional Report Requirements (Cont'd)
(A) Jurisdictional Reports (Cont'd)

(2) Switched Access Service Entrance Facilities, Direct-Trunked Transport Facilities, and Dedicated End Office and Access Tandem Trunk Ports

The Telephone Company will develop a PIU factor to apply to Switched Access Service Entrance Facilities, Direct Trunked Transport Facilities, and Dedicated End Office and Access Tandem Trunk Ports when sufficient call detail exists. The Telephone Company will apply the PIU factor provided by the customer as set forth in 2.3.10(A)(1)(b) only when the Telephone Company does not have sufficient data to develop a PIU factor. (N)

Customers may provide PIU factors and jurisdictional reports, at Billing Account Number or state level, for Switched Access Entrance Facilities, Direct-Trunked Transport Facilities, and Dedicated End Office and Access Tandem Trunk Ports ordered pursuant to this tariff, reflecting all Switched Access services using these facilities as set forth in (a) and (b) following. (C) (C) (T)

(a) Entrance Facilities and Direct Trunked Transport Facilities

(1) The customer may provide a separate PIU factor that will apply to both the Entrance Facilities and the Direct Trunked portion of the facility account. These PIU factors should account for the originating and terminating traffic of all services using these facilities. (T)

(2) Reserved for future use (C) (D) (D)

(3) If a customer is providing or sharing a facility with other carriers, the PIU for the Entrance Facilities and Direct Trunked Transport portion of the facility account may be developed using multiple PIU factors. In this situation, the calculation to determine the facility PIU factor must be provided with the quarterly jurisdictional report. (T) (T) (T)



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.10 Jurisdictional Report Requirements (Cont'd)

(A) Jurisdictional Reports (Cont'd)

(2) Switched Access Service Entrance Facilities, Direct-Trunked Transport Facilities, and Dedicated End Office and Access Tandem Trunk Ports (Cont'd)

(b) Dedicated End Office and Access Tandem Trunk Ports

In addition to the report requirements set forth in (A)(1) and (A)(2)(a) preceding and (C)(1) following, the customer may provide a PIU factor in a whole number for Dedicated End Office or Access Tandem Trunk Ports, using a single PIU factor per state or Billing Account Number. For the initial establishment of Switched Access Service, the Telephone Company will utilize the customer-provided PIU factor reported on the customer's Access Service Request as the PIU factor for Dedicated End Office and Access Tandem Trunk Ports. These PIU factors will be used in determining the monthly rates to be applied for the Dedicated Trunk Ports as set forth in Section 2.3.11(A) following. (C) (T) (C) (C) (T) (T) (T)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.10 Jurisdictional Report Requirements (Cont'd)

(B) Maintenance of Customer Records

The customer shall retain for a minimum of six months call detail records that substantiate the interstate percent provided to the Telephone Company as set forth in (A) preceding for Switched Access Service. Such records shall consist of (1) and (2) following, if applicable:

(1) All call detail records such as work papers and/or backup documentation including paper or any other form of records for billed customer traffic, call information including call terminating address (i.e., called number), the call duration, all originating and terminating trunk groups or access lines over which the call is routed, and the point at which the call enters the customer's network and; (D)

(2) If the customer has a mechanized system in place that calculated the PIU factor, then a description of that system and the methodology used to calculate the PIU factor must be furnished and any other pertinent information (such as but not limited to flowcharts, source code, etc.) relating to such system must also be made available.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.10 Jurisdictional Report Requirements (Cont'd)

(C) Report Updates

Customer-provided PIU factors that are updated as set forth following will be applied only in the event that the Telephone Company does not have sufficient call detail to permit it to determine jurisdiction. (N)

(1) Effective on the first of January, April, July and October of each year the customer shall update the interstate and intrastate jurisdictional report. The customer shall forward to the Telephone Company, to be received no later than 15 days after the first of each such month, a revised report showing the interstate and intrastate percentage of use for the past three months ending the last day of December, March, June and September, respectively, for each service arranged for interstate use. Except where the Telephone Company has sufficient call detail to permit it to determine jurisdiction, the revised report will serve as the basis for the next three months billing and will be effective on the bill date for that service. No prorating or back billing will be done based on the report. If the customer does not supply the reports for those services where reports are needed, the Telephone Company will assume the customer-provided percentages to be the same as those provided previously. For those cases in which a quarterly report has never been received from the customer, the Telephone Company will assume the customer-provided percentages to be the same as those provided in the order for service as set forth in (A)(1)(b) preceding. (T)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.10 Jurisdictional Report Requirements (Cont'd)

(D) Mixed Use Special Access Services (N)

A Mixed Use Special Access Service is a Special Access Service (line) which carries both intrastate and interstate traffic.

(1) When the customer orders a Mixed Use Special Access Service (line) which is entirely or partially physically intrastate, the customer must certify to the Telephone Company whether the physically intrastate portion of the service (line) is considered to be jurisdictionally intrastate or jurisdictionally interstate as follows:

(a) If the customer estimates that the interstate Special Access traffic on the service (line) involved constitutes ten percent or less of the total traffic on the service (line), the service (line) is considered to be jurisdictionally intrastate and will be provided in accordance with the applicable rates and regulations of the appropriate intrastate tariff.

(b) If the customer estimates that the interstate Special Access traffic on the service (line) involved constitutes more that ten percent of the total traffic on the service (line), the service (line) is considered to be jurisdictionally interstate and will be provided in accordance with the applicable rates and regulations in this tariff.

(2) The customer may, at any time, update the jurisdictional report. The customer shall forward to the Telephone Company a revised report showing any change in jurisdiction. The revised report will serve as the basis for future billing and will be effective on the next business day following the receipt of the revised report. No back billing will be done based on the report.

(3) Existing customers of Special Access Services (lines) as of the implementation date of the Decision and Order in CC Docket Nos. 78-72 and 80-286, adopted June 29, 1989 and released July 20, 1989, i.e., May 15, 1990, are required to certify the jurisdiction of their services (lines). (N)

Certain material formerly appearing on this page currently appears on Page No. 2-18.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.10 Jurisdictional Report Requirements (Cont'd)

(E) Jurisdictional Reports Verification (S)

If a billing dispute arises or a regulatory commission questions the projected PIU factor, the Telephone Company will ask the customer to provide the data the customer uses to determine the projected PIU factor. The customer shall supply the data within 30 days of the Telephone Company request. (S)

The customer shall keep records of call detail from which the percentage of interstate and intrastate use can be ascertained and upon request of the Telephone Company make the records available for inspection as reasonably necessary for purposes of verification of the percentages. No more than one audit can be conducted or requested by the Telephone Company per year, except in extreme circumstances. This inspection will be conducted, by an independent auditing firm if the Telephone Company and the customer, or the customer alone, is willing to pay the expense. (S)

(x)

(x)

(S) Reissued material originally filed under Transmittal No. 269 and scheduled to become effective December 25, 2002.

(x) Withdrawn under authority of Special Permission No. 02-154 of the Federal Communications Commission.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.10 Jurisdictional Report Requirements (Cont'd)

(F) Special Access Jurisdictional Verification (T)

If a billing dispute arises or a regulatory commission questions the projected PIU factor, the Telephone Company will ask the customer to provide the data the customer uses to determine the certified interstate percentage. The customer shall supply the data within 30 days of the Telephone Company request.

The customer shall keep records of system design and functions from which the percentage was determined, and upon request of the Telephone Company make the records available for inspection as reasonably necessary for purposes of verification of the percentages.

Certain material formerly appearing on this page currently appears on Page No. 2-22.1.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

(x)

(x)

(x) Filed under authority of Special Permission No. 02-141 of the Federal Communications Commission to reinstate regulations currently in effect.



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2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

(x)

(x)

Certain material formerly appearing on this page currently appears on Page No. 2-23.

(x) Filed under authority of Special Permission No. 02-141 of the Federal Communications Commission to reinstate regulations currently in effect.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.11 Determination of Interstate Charges for Mixed Interstate and Intrastate Switched Access Service

When mixed interstate and intrastate Switched Access Service is provided, all charges (i.e., nonrecurring, monthly and/or usage) including optional features charges, will be prorated between interstate and intrastate. The percentage provided in the reports as set forth in 2.3.10(A) preceding will serve as the basis for prorating the charges unless the Telephone Company is billing according to actuals by jurisdiction. The percentage of an Access Service to be charged as interstate is applied in the following manner:

(A) For monthly and nonrecurring chargeable rate elements, multiply the percent interstate use times the quantity of chargeable elements times the stated tariff rate per element.

(B) For usage sensitive (i.e., access minutes and calls) chargeable rate elements, multiply the percent interstate use times actual use (i.e., measured use) times the stated tariff rate. (D)

The interstate percentage will change as revised usage reports are submitted as set forth in 2.3.10 preceding, unless the Telephone Company is billing according to actuals by jurisdiction.

2.3.12 Determination of Jurisdiction of Mixed Use Special Access Service

When new mixed interstate and intrastate Special Access Service is provided, the customer will provide with the access order to the company an estimate of whether the interstate traffic will comprise more than 10%, or less than 10% of total traffic. For existing services, the customer is required to certify the jurisdiction of their service.

- If the customer's estimate of the interstate traffic on the service involved constitutes 10% or less of the total traffic on that service, the service will be provided in accordance with the applicable rules and regulations of the appropriate intrastate tariff.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.12 Determination of Jurisdiction of Mixed Use Special Access Service (Cont'd)

- If the customer's estimate of the interstate traffic on the service involved constitutes more than 10% of the total traffic on that service, the service will be provided in accordance with the applicable rules and regulations of this Tariff.

(D)

(D)

2.3.13 Voice Over Internet Protocol – Public Switched Telephone Network Traffic

This section applies to Voice over Internet Protocol – Public Switched Telephone Network (VOIP-PSTN) traffic that is exchanged in time division multiplexing format between the Telephone Company and the customer that originates and/or terminates in Internet Protocol format.

2. General Regulations (Cont'd)

2.4 Payment Arrangements

2.4.1 Payment of Rates, Charges and Deposits

(A) The Telephone Company will, in order to safeguard its interests, only require a customer which has a proven history of late payments to the Telephone Company or does not have established credit, to make a deposit prior to or at any time after the provision of a service to the customer to be held by the Telephone Company as a guarantee of the payment of rates and charges. The Telephone Company will notify the customer of a deposit requirement by Overnight Delivery. The customer will be required to make payment of such deposit prior to the provision of service in those cases where the customer has not established credit with the Telephone Company, or otherwise within fifteen (15) business days of such notice. Such notice will start the day after the notice is sent by Overnight Delivery.

No such deposit will be required of a customer which is a successor of a company which has established credit and has no history of late payments to the Telephone Company unless this successor is one with a proven history of late payments to the Telephone Company or does not have established credit. Such deposit may not exceed the actual or estimated rates and charges for the service for a two month period. The fact that a deposit has been made in no way relieves the customer from complying with the Telephone Company's regulations as to the prompt payment of bills. At such time as the provision of the service to the customer is terminated, the amount of the deposit will be credited to the customer's account and any credit balance which will remain will be refunded.

Such a deposit will be refunded or credited to the account when the customer has established credit or, in any event, after the customer has established a one-year prompt payment record at any time prior to the termination of the provision of service to the customer. In case of a cash deposit, for the period the deposit is held by the Telephone Company, the customer will receive interest at the same percentage rate as that set forth rate as that set forth in (B)(3)(b) following. The rate will be for (C)
the number of days from the date the customer deposit is received by the Telephone Company to and including the date such deposit is credited to the customer's account or the date the deposit is refunded by The Telephone Company. Should a deposit be credited to the customer's account, as indicated above, no interest will accrue on the deposit from the date such deposit is credited to the customer's account.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(A) (Cont'd)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(A) (Cont'd)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(A) (Cont'd)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(B) The Telephone Company shall bill on a current basis all charges incurred by and credits due to the customer under this tariff attributable to services, including, but not limited to, Maintenance of Service as set forth in 13.3.1 following, established or discontinued during the preceding billing period. In addition, the Telephone Company shall bill in advance charges for all services to be provided during the ensuing billing period except for charges associated with service usage and for the Federal Government which will be billed in arrears.

In addition, Physical, SCOPE, and Virtual Collocated Interconnection Service rates set forth in Section 19 following may be billed over a twelve month period in twelve monthly installments. The following applies to installment billing plans for Collocated Interconnection:

- The Collocator must request installment billing with its application to establish, or augment, a Collocated Interconnection arrangement.
- The Collocator may elect to pay any unbilled charges before the expiration of the installment plan.
- More than one installment plan may be in effect for the same Collocator at the same time.
- If the Collocator disconnects service before the expiration of the plan period, all unbilled charges will be included in the next bill rendered.

ACCESS SERVICE

2. General Regulations (Cont'd)
2.4 Payment Arrangements (Cont'd)
2.4.1 Payment of Rates, Charges and Deposits (Cont'd)
(B) (Cont'd)

The bill day (i.e., the billing date of a bill for a customer for Access Service under this tariff), the period of service each bill covers and the payment date will be as follows:

(1) For End User Access Service and Presubscription, including FUSF, that are billed to the end user of the local exchange services, the Telephone Company will establish a bill day each month for each end user account. Presubscribed Interexchange Carrier Charges (PICCs) will be billed on a monthly basis as set forth in Section 4.1.7 following. The Telephone Company will update its PICC information once a month. No prorating will be done in connection with PICC billing. The bill will cover End User Access Service charges for the ensuing billing period except for End User Access Service for the Federal Government which will be billed in arrears. Any applicable Presubscription Charges, any known unbilled charges for prior periods and any known unbilled adjustments for prior periods for End User Access Service and Presubscription Service, including FUSF, will be applied to this bill. Such bills are due when rendered. (S)(x) (S)(x) (S)(x) (D) (D)

(2) For Services other than those described in (1) preceding, the Telephone Company will establish a bill day each month for each customer account. The bill will cover nonusage sensitive service charges for the ensuing billing period for which the bill is rendered, any known unbilled nonusage sensitive charges for prior periods and unbilled usage charges for the period after the last bill day through the current bill day. Any known unbilled usage charges for prior periods and any known unbilled adjustments will be applied to this bill. Payment for such bills is due as set forth in (3) following. If payment is not received by the payment date, as set forth in (3) following in immediately available funds, a late payment penalty will apply as set forth in (3) following. (S)(x) (S)(x)

(x) Reissued material scheduled to become effective January 3, 2019 under Transmittal No. 1387.



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2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(B) (Cont'd)

(3) (a) All bills dated as set forth in (2) preceding for service provided to the customer by the Telephone Company, are due 31 days (payment date) after the bill day or by the next bill date (i.e., same date in the following month as the bill date) whichever is the shortest interval, except as provided herein, and are payable in immediately available funds. If such payment date would cause payment to be due on a Saturday, Sunday or Holiday (i.e., New Year's Day, Martin Luther King Jr. Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, Christmas Day, and a day when Washington's Birthday, Memorial Day or Columbus Day is legally observed), payment for such bills will be due from the customer as follows: (N) (C) (N)

If such payment date falls on a Sunday or on a Holiday which is observed on a Monday, the payment date shall be the first non-Holiday day following such Sunday or Holiday. If such payment date falls on a Saturday or on a Holiday which is observed on Tuesday, Wednesday, Thursday or Friday, the payment date shall be the last non-Holiday day preceding such Saturday or Holiday.

(b) Further, if any portion of the payment is received by the Telephone Company after the payment date as set forth in (a) preceding, or if any portion of the payment is received by the Telephone Company in funds which are not immediately available to the Telephone Company, then a late payment penalty shall be due to the Telephone Company. The late payment penalty shall be the portion of the payment not received by the payment date times a late factor. The late factor shall be

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(B) (Cont'd)

(3) (Cont'd)

(b) (Cont'd)

(D)
|
|
|
|
(D)

0.0005 per day, for the number of days from the payment date to and including the date that the customer actually makes the payment to the Telephone Company. (C)

(c) Billing Disputes

(1) A good faith dispute requires the customer to provide a written claim to the Telephone Company. Instructions for submitting a dispute can be obtained by calling the billing inquiry number shown on the customer's bill, or, by accessing the Telephone Company website also shown on the customer's bill. Such claim must identify in detail the basis for the dispute, and if the customer withholds disputed amounts, it must identify the account number under which the bill has been rendered, the date of the bill, and the specific items on the bill being disputed to permit the Telephone Company to investigate the merits of the dispute.

(2) The date of the dispute shall be the date on which the customer furnishes the Telephone Company the account information required by Section 2.4.1(B)(3)(c)(1) above.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(B) (Cont'd)

(3) (Cont'd)

(c) Billing Disputes (Cont'd)

(3) The date of resolution is the date the Telephone Company completes the investigation and credits the customer's account.

(4) In the event that a billing dispute concerning any charges billed to the customer by the Telephone Company is resolved in favor of the Telephone Company, any payments withheld pending settlement of the dispute shall be subject to the late payment penalty set forth in (b) preceding.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(D)

(D)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(D)

(D)

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(C) Adjustments for the quantities of services established or discontinued in any billing period beyond the minimum period set forth for services in other sections of this tariff will be prorated to the number of days or major fraction of days based on a 30 day month. The Telephone Company will, upon request and if available, furnish such detailed information as may reasonably be required for verification of any bill.

(D) When a rate as set forth in this tariff is shown to more than two decimal places, the charges will be determined using the rate shown. The resulting amount will then be rounded to the nearest penny (i.e., rounded to two decimal places).

(E) When more than one copy of a customer bill for services provided under the provisions of this tariff is furnished to the customer, an additional charge applies for each additional copy of the bill as set forth in 13.3.7 following.

2.4.2 Minimum Periods

The minimum periods for which services are provided and for which rates and charges are applicable is one month except for those services set forth in 5.2.5(B), 7.2.5 (G), 7.2.14(C), 7.4.13, 7.4.16, 7.4.17, 7.5.5, 9.4(A) and 13.3.5(C)(1)(b),(c) and (d), 16.5, 16.6, 25.1.10, and 25.3.8 following. (D) | (D)

The minimum period for which service is provided and for which rates and charges are applicable for a Specialized Service or Arrangement provided on an individual case basis as set forth in 12. following, is one month unless a different minimum period is established with the individual case filing.

As specified in Section 5.2.6 following, when a service is discontinued prior to the expiration of the minimum period, charges are applicable whether the service is used or not, as follows:

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

2.4.2 Minimum Periods (Cont'd)

(A) When a service with a one month minimum period is discontinued prior to the expiration of the minimum period, a one month charge will apply at the rate level in effect at the time service is discontinued.

(B) When a service with a minimum period greater than one month is discontinued prior to the expiration of the minimum period, the applicable charge will be the lesser of (1) the Telephone Company's total nonrecoverable costs less the net salvage value for the discontinued service or (2) the total monthly charges, at the rate level in effect at the time service is discontinued, for the remainder of the minimum period.

2.4.3 Cancellation of an Order for Service

Provisions for the cancellation of an order for service are set forth in other applicable sections of this tariff.

2.4.4 Reserved (T)

Certain material previously found on this page can now be found on 1st Revised Page 2-83.1.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

Certain material previously found on this page can now be found on 1st Revised Page 2-83.2.

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

Certain material previously found on this page can now be found on 1st Revised Page 2-83.3.

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

Certain material previously found on this page can now be found on Original Page 2-83.4.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

Certain material previously found on this page can now be found on Original Page 2-83.5.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

Certain material previously found on this page can now be found on Original Page 2-83.6.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

Certain material previously found on this page can now be found on Original Page 2-83.7.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

Certain material previously found on this page can now be found on Original Page 2-83.8.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

Certain material previously found on this page can now be found on Original Page 2-83.9.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

Certain material previously found on this page can now be found on Original Page 2-83.10.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

Certain material previously found on this page can now be found on Original Page 2-83.11.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

Certain material previously found on this page can now be found on Original Pages 2-119 and 2-120.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

Certain material previously found on this page can now be found on Original Page 2-120.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

2.4.5 Re-establishment of Service Following Fire, Flood or Other Occurrence

(A) Nonrecurring Charges Do Not Apply

Charges do not apply for the re-establishment of service following a fire, flood or other occurrence attributed to an Act of God provided that:

(1) The service is of the same type as was provided prior to the fire, flood or other occurrence.

(2) The service is for the same customer.

Certain material previously found on this page can now be found on Original Page 2-83.12.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

2.4.5 Re-establishment of Service Following Fire, Floor or Other Occurrence (Cont'd)

(A) Nonrecurring Charges Do Not Apply (Cont'd)

Charges do not apply for the re-establishment of service following a fire, flood or other occurrence attributed to an Act of God provided that: (Cont'd)

(3) The service is at the same location on the same premises.

(4) The re-establishment of service begins within 60 days after Telephone Company service is available. (The 60 day period may be extended a reasonable period if the renovation of the original location on the premises affected is not practical within the allotted time period).

(B) Nonrecurring Charges Apply

Nonrecurring Charges apply for establishing service at a different location on the same premises or at a different premises pending re-establishment of service at the original location.

2.4.6 Title or Ownership Rights

(A) The payment of rates and charges by customers for the services offered under the provisions of this tariff does not assign, confer or transfer title or ownership rights to proposals or facilities developed or utilized, respectively, by the Telephone Company in the provision of such services.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

2.4.7 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved

The Telephone Companies will handle ordering, rating and billing of Access Services under this tariff where more than one Exchange Telephone Company is involved in the provision of Access Service as set forth following. The Telephone Company will notify the customer what option will apply when the customer orders Access Service. The option will be based on the inter-connection arrangements between the Exchange Telephone Companies involved and the services ordered.

The Single and Multiple Bill Arrangements following are subject to the provisions of the Multiple Exchange Carrier Access billing Guidelines (MECAB) and the Multiple Exchange Carrier Ordering and Design Guidelines (MECOD) documents as referenced in the Memorandum Opinion and Order in CC Docket No. 86-104, adopted July 20, 1987 and released July 31, 1987.

Effective March 31, 1990 the Single and Multiple bill arrangements following are available in conjunction with FGB services in compliance with the Commission's October 5, 1989 Order.

The Telephone Company must notify the customer of: (1) the Meet Point Billing Option that will be used, (2) the Telephone Company(s) that will render the bill(s), (3) the Telephone Company(s) to whom payment(s) should be remitted, and (4) the Telephone Company(s) that will provide the bill inquiry function. The Telephone Company shall provide this notice in writing 30 days in advance of any changes.

(A) When an Access Service is ordered by a customer where one end of the Switched Transport element is in one Exchange Telephone Company operating territory and the other end is in another Exchange Telephone Company operating territory, the Exchange Telephone Company in whose territory the first point of switching is located will accept the order for Lineside BSA, Trunkside BSA - 950 Option, Feature Group A and B Switched Access Services ordered in lines or trunks. The Exchange Telephone Company that accepts the order will then determine the charges involved, arrange to provide the Access Service ordered and bill the charges in accordance with its Access Service tariff.



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2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

2.4.7 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved (Cont'd)

(A) (Cont'd)

After July 1, 1990, option A will only be available for FGA Service. Prior to July 1, 1990, Option A is available with both FGA and FGB Services. Effective April 1, 1990, the Single and Multiple Bill Arrangements following are also available with Trunkside BSA - 950 Option and FGB Services. The Single and Multiple Bill Arrangements may be used to bill Trunkside BSA - 950 Option and FGB Services only with the agreement of all involved Exchange Telephone Companies. When an Common Channel Signaling Access Service is provided, the Telephone Company in whose territory the STP is located will accept the order for service, determine any applicable charges involved, arrange to provide the service ordered, and bill any applicable charges in accordance with its Access Service tariff.

When Billing Validation Service is provided, the Telephone Company in whose territory the LIDB Service Control Point (SCP) is located will accept the order for service, determine any applicable charges involved, arrange to provide the service ordered, and bill any applicable charges in accordance with its Access Service tariff.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

2.4.7 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved (Cont'd)

(B) Single Bill Arrangement for Services other than FGA and Lineside

(1) General - With the agreement of the Exchange Telephone Companies involved, a single bill will be rendered for non-Lineside BSA and non-FGA services.

(2) Ordering - The company that accepts the order from the customer will be determined as follows:

(a) Directory Assistance - The company where the end office is located shall accept the order. (D)

(b) Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGB or FGD ordered to an end office

- The company where the end office is located shall accept the order.

(c) Dedicated Network Access Link BSA

- The Company where the end office is located shall accept the order.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

2.4.7 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved (Cont'd)

(B) Single Bill Arrangement for Service other than FGA and Lineside BSA (Cont'd)

(2) Ordering - The company that accepts the order from the customer will be determined as follows: (Cont'd)

(d) Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGB or FGD ordered to an Access Tandem - The company where the Access Tandem is located will accept the order.

(e) WATS Access Line Service - When the WATS serving office and the end user end office are located in different Exchange Telephone Company operating territories, the company where the end office is located shall accept the order.

(f) Special Access Service Non-Competitive End User Channel Termination without Hub - Either company may accept the order. (C) (C)

(g) Special Access Service Non-Competitive End User Channel Termination with Hub - The company where the Hub is located shall accept the order. (C) (C)

(h) Common Channel Signaling Access Service - The company where the STP is located shall accept the order.

(i) Billing Validation Service - The company where the LIDB Service Control Point (SCP) is located shall accept the order.

The other company(ies) involved shall also receive a copy of the order from the customer.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

2.4.7 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved (Cont'd)

(B) Single Bill Arrangement for Services other than FGA and Lineside BSA (Cont'd)

(3) Rating and Billing of Service - With the agreement of the Exchange Telephone Companies involved, one of the following rating and billing options will be utilized:

(a) Single Bill Single Tariff Billing - The billing Company will bill and collect all appropriate charges from the customer in accordance with the regulations, rates and charges in its Access Service tariff. The non-billing Company will bill and collect the appropriate portion of charges from the billing Company in accordance with the regulations, rates and charges in the non-billing Company's Access Service tariff. The apportionment of charges shall be consistent with 2.4.7(C)(3) following.

(b) Single Bill Multiple Tariff Billing - The billing Company will bill all appropriate charges to the customer in accordance with the regulations, rates and charges in the Access Service tariffs of all involved Exchange Carriers. Based upon the agreements of the Exchange Telephone Companies involved, payment will either be remitted in full to the billing company or in appropriate portions directly to the Exchange Carriers involved. The apportionment of charges shall be consistent with 2.4.7 (C)(3) following.

(c) Single Bill Multiple Tariff Pass-Through Billing - Same as (b) above.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

2.4.7 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved (Cont'd)

(C) Multiple Bill Arrangement for Services other than FGA and Lineside BSA

(1) General - Separate bills will be rendered by the Exchange Telephone Companies for Access Service other than Lineside BSA or FGA if the administration of a single bill arrangement, as set forth in Sec. 2.4.7 B, is not utilized by the companies involved.

(2) Ordering - Each company will accept an order for service from the customer.

(3) Rating and Billing of Service - Each company will provide its portion of the Access Service based on the regulations, rates and charges contained in its Access Service tariff, subject to the following rules, as appropriate:

(a) The charges billed by this company for mileage sensitive rate elements, e.g., Dedicated Network Access link (fixed and per mile), Switched Transport (fixed and per mile), or Directory Assistance Transport, are determined as follows: (D)

(i) The total mileage for the service is computed using the V&H Coordinate Method set forth in National Exchange Carrier Association Tariff F.C.C. No. 4 (NECA No. 4).

(ii) A billing factor called the Border Interconnection Percentage (BIP) is determined from NECA No. 4 directly.

(iii) This company's rates and charges are then multiplied by the appropriate quantity(ies) and the billing factor to obtain the charges for this company.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd)

2.4.7 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved (Cont'd)

(C) Multiple Bill Arrangement for Services other than Lineside BSA or FGA (Cont'd)

(3) Rating and Billing of Service (Cont'd)

(b) The application of nondistance sensitive rate elements varies according to the rate structure and the location of the facilities involved:

(i) When rates and charges are listed on a per point of termination basis, this company's rates will be billed for the termination(s) within this company's operating territory.

(ii) When rates and charges are listed on a per unit basis, e.g., central office bridging or multiplexing, this company's rates and charges will apply for units located in this company's operating territory.

(iii) When rates and charges are developed on an individual case basis, such rates will be developed for the portion of the service provided by this company.

(iv) When rates and charges are listed on a per service basis, these rates and charges will be billed.

(v) When rates and charges are listed on a per line or trunk installed basis, this company's rates will be billed based on the number of lines or trunks specified by the customer on its order for access service placed with this company.

(vi) When this company is an intermediate, non-terminating carrier in a given arrangement, direct trunked transport fixed charges will not apply. (C)



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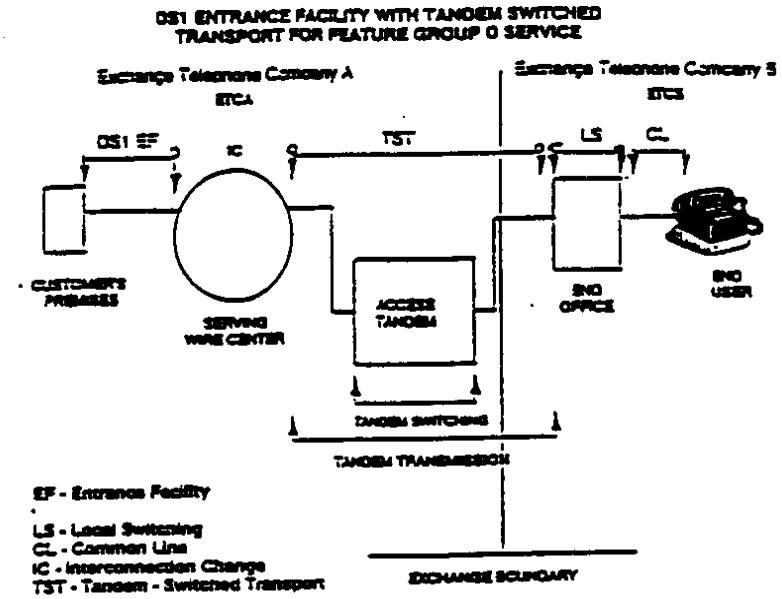
2. General Regulations (Cont'd)

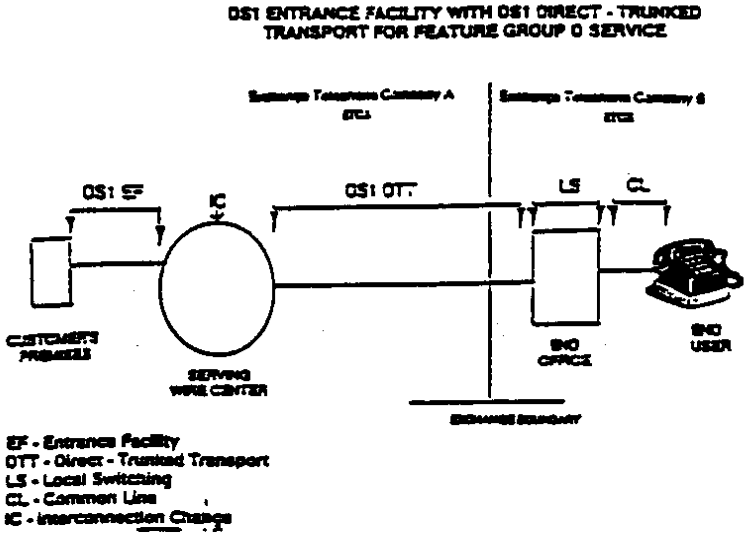
2.4 Payment Arrangements (Cont'd) (T)

2.4.7 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved (Cont'd)

(C) Multiple Bill Arrangement for Services other than FGA or Lineside BSA (Cont'd)

(4) EXAMPLES



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

2.4.8 Ordering, Rating and Billing of Switched Access Service Provided in Conjunction with a Cellular Exchange Carrier (CEC) or a Radio Common Carrier (RCC)

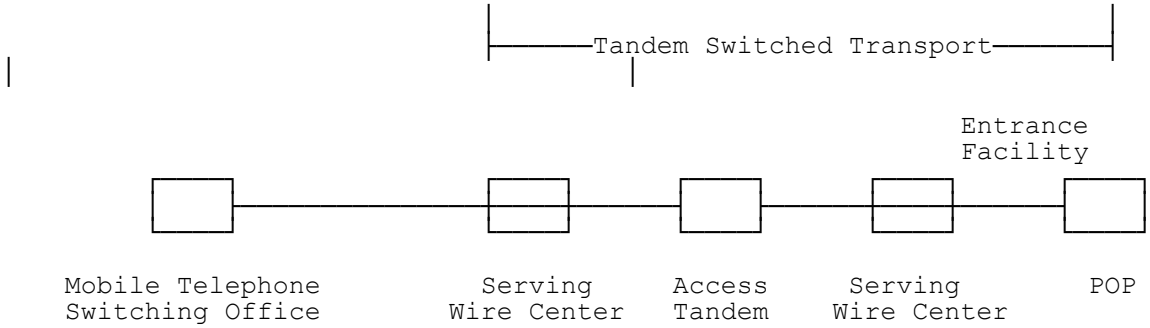
When Switched Access Service is ordered by a customer in conjunction with a CEC or RCC, the Telephone Company will provide its portion of the Switched Access Service based on the regulations, rates and charges contained in its Access Service tariff, subject to the following rules.

(A) If the Telephone Company provides Switched Transport and provides end office local switching functions, the customer will be assessed all applicable Switched Access charges. Carrier Common Line charges will not be assessed.

If the Telephone Company provides Switched Transport and does not provide end office local switching functions, the Telephone Company will assess Switched Transport charges as set forth in Section 6.9.1. Local Switching and Carrier Common Line charges will not be assessed by the Telephone Company.

(B) The mileage to be used to determine the Switched Transport charge is calculated as set forth in Section 6.8.13(I).

(C) Example



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

2.4.9 Reserved (T)

Certain material previously found on this page can now be found on Original Pages 2-83.13 and 2-117.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

Certain material previously found on this page can now be found on Original Page 2-118.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

2.4.10 Reserved (T)

Certain material previously found on this page can now be found on 1st Revised Page 2-107.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

Certain material previously found on this page can now be found on 1st Revised Page 2-108.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

Certain material previously found on this page can now be found on 2nd Revised Page 2-109.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

Certain material previously found on this page can now be found on 1st Revised Page 2-110.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

Certain material previously found on this page can now be found on Original Page 2-111.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

Certain material previously found on this page can now be found on Original Page 2-112.



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ACCESS SERVICE

2. General Regulations (Cont'd)
2.4 Payment Arrangements (Cont'd) (T)

Certain material previously found on this page can now be found on Original Page 2-113.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

Certain material previously found on this page can now be found on Original Page 2-114.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements (Cont'd) (T)

Certain material previously found on this page can now be found on Original Page 2-115.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.5 Connections

2.5.1 General

Equipment and Systems (i.e., terminal equipment, multiline terminating systems and communications systems) may be connected with Switched Access and Special Access Non-Competitive End User Channel Terminations furnished by the Telephone Company where such connection is made in accordance with the provisions specified in Technical Reference PUB AS No. 1, Issue II, and 2.1 preceding. (C) (C)

ACCESS SERVICE

2. General Regulations (Cont'd)
2.6 Definitions

Certain terms used herein are defined as follows:

Access Code

The term "Access Code" denotes a uniform seven digit code assigned by the Telephone Company to an individual customer. The seven digit code, has the form 101XXXX or 950-XXXX.

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Access Customer Name Abbreviation (ACNA)

The term "Access Customer Name Abbreviation" or "ACNA" denotes a term generally understood in the telecommunications industry to be the name abbreviation for a purchaser of Access Services.

Access Minutes

The term "Access Minutes" denotes that usage of exchange facilities in interstate or foreign service for the purpose of calculating chargeable usage. On the originating end of an interstate or foreign call, usage is measured from the time the originating end user's call is delivered by the Telephone Company to and acknowledged as received by the customer's facilities connected with the originating exchange. On the terminating end of an interstate or foreign call, usage is measured from the time the call is received by the end user in the terminating exchange. Timing of usage at both originating and terminating ends of an interstate or foreign call shall terminate when the calling or called party disconnects, whichever event is recognized first in the originating and terminating end exchanges, as applicable.

Access Tandem

The term "Access Tandem" denotes a Telephone Company switching system that provides a concentration and distribution function for originating or terminating traffic between end offices and customer's premises.

Aggregator

Denotes any individual, partnership, association, joint-stock company, trust, governmental entity or corporation as defined under Part 64.708(b) of the F.C.C. Rules and Regulations.

Affiliate

The term "Affiliate" denotes a Customer that, through one or more intermediaries, is controlled by or is under common control with another customer.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Answer/Disconnect Supervision

The term "Answer/Disconnect Supervision" denotes the transmission of the switch trunk equipment supervisory signal (off-hook or on-hook) to the customer's point of termination as an indication that the called party has answered or disconnected.

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Attenuation Distortion

The term "Attenuation Distortion" denotes the difference in loss at specified frequencies relative to the loss at 1004 Hz, unless otherwise specified.

Balance (100 Type) Test Line

The term "Balance (100 Type) Test Line" denotes an arrangement in an end office which provides for balance and noise testing.

Bit

The term "Bit" denotes the smallest unit of information in the binary system of notation.

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(S) (x)

Business Day

The term "Business Day" denotes the times of day that a company is open for business. Generally, in the business community, these are 8:00 or 9:00 A.M. to 5:00 or 6:00 P.M., respectively, with an hour for lunch, Monday through Friday, resulting in a standard forty (40) hour work week. However, Business Day hours for the Telephone Company may vary based on company policy, union contract and location. To determine such hours for an individual company, or company location, that company should be contacted at the address shown on the Check Sheet.

Busy Hour Minutes of Capacity (BHMC)

The term "Busy Hour Minutes of Capacity (BHMC) denotes the customer specified maximum amount of Switched Access Service and/or Directory Assistance Service access minutes the customer expects to be handled in an end office switch during any hour in an 8:00 A.M. to 11:00 P.M. period for the Feature Group and/or Directory Assistance Service ordered.

(x) Reissued material scheduled to become effective January 28, 2010 under Transmittal No. 1067.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Cable Space

The term "Cable Space" denotes any passage or opening in, on, under/over or through the central office cable support structure required to bring fiber optic riser cable from the manhole or other designated location to the collocated interconnection space, as well as the space between the collocated interconnection space, and the Telephone Company Point of Termination, and any other space required to bring other communications cable from one collocated interconnection space to another collocated interconnection space of the same Collocator.

Cable Support Structure

The system of riser ducts, cable racking and other such facilities of the Telephone Company that are used to contain and support Collocated Interconnection cable within central offices and between central offices and the manhole or other designated location pursuant to Section 19.

Call

The term "Call" denotes a customer attempt for which the complete address code (e.g., 0-, 911, or 10 digits) is provided to the serving dial tone office.

Carrier or Common Carrier

See Interexchange Carrier.

Carrier Identification Code (CIC)

The term "Carrier Identification Code" (CIC) denotes a unique four digit access identification code that is assigned by Bellcore for use with Feature Group B or D Switched Access Service. The CIC identifies the caller's long distance carrier.

CCS

The term "CCS" denotes a hundred call seconds, which is a standard unit of traffic load that is equal to 100 seconds of usage or capacity of a group of servers (e.g, trunks).

Cellular Exchange Carrier (CEC)

The term "Cellular Exchange Carrier" defines a Common Carrier authorized by the Federal Communications Commission to provide Cellular Mobile Radio Telecommunications Services.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Central Office

The term "Central Office" denotes a local Telephone Company switching system, where Telephone Exchange Service customer station loops are terminated for purposes of interconnection to each other and to trunks. In the case of a Remote Switching Module (RSM), the term Central Office designates the combination of the Remote Switching Unit and its Host.

Central Office Prefix

The term "Central Office Prefix" denotes the first three digits (NXX) of the seven digit telephone number assigned to a customer's Telephone Exchange Service when dialed on local basis.

Centralized Automatic Reporting on Trunks Testing

The term "Centralized Automatic Reporting on Trunks Testing" denotes a type of testing which includes the capacity for measuring operational and transmission parameters.

Channel(s)

The term "Channel(s)" denotes an electrical or photonic, in the case of fiber optic-based transmission systems, communications path between two or more points of termination.

Channelize

The term "Channelize" denotes the process of multiplexing-demultiplexing wider bandwidth or higher speed channels into narrower bandwidth or lower speed channels.

Circuit Code

The term "Circuit Code" indicates the specific Interexchange Carrier trunk group that is required to carry the call for SS7 Signalling. It equates to the OZZ Code with MF Signalling and is contained in the TNS parameter.

C-Message Noise

The term "C-Message Noise" denotes the frequency weighted average noise within an idle voice channel. The frequency weighting, called C-message, is used to simulate the frequency characteristic of the 500-type telephone set and the hearing of the average subscriber.

C-Notched Noise

The term "C-Notched Noise" denotes the C-message frequency weighted noise on a voice channel with a holding tone, which is removed at the measuring and through a notch (very narrow band) filter.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Coin Station

The term "Coin Station" denotes a location where Telephone Company equipment is provided in a public or semipublic place where Telephone Company customers can originate telephonic communications and pay the applicable charges by inserting coins into the equipment.

Collocated Interconnection Design and Construction Work

The term "Collocated Interconnection Design and Construction Work" under Collocated Interconnection denotes all work by Telephone Company, including but not limited to, space design and preparation, the rearrangement of existing facilities, design and construction of collocated interconnection space enclosure, design and placement of required cable support structure or any other activity required to accommodate the installation of Collocator's facilities in the Telephone Company space(s). Similar work required or requested by Collocator after initial installation solely because of the existence of the Collocator's facilities shall be referred to as "Additional Design and Construction", and shall be at Collocator's expense.

Collocated Interconnection Space

The term "Collocated Interconnection Space" denotes suitable space intended for occupancy by Collocated Interconnection equipment required for telecommunications operations and the work area required to maintain that equipment. All suitable space shall be partitioned and measured as defined in Building Owners and Managers Association International (BOMA) standards as "rentable area."

Collocator

The term "Collocator" denotes a customer who subscribes to Collocated Interconnection and who brings fiber optic and/or microwave facilities to Telephone Company-designated locations for connection to Collocated Interconnection equipment as specified in the following Regulations, under physical or virtual interconnection arrangements. All such services and facilities used for Collocated Interconnection will be for the carriage of interstate non-switched traffic.

Collocator's Facilities

The term "Collocator's Facilities" denotes the telecommunications cable and equipment owned/leased and installed by the Collocator for the sole use of the Collocator in connection with equipment installed within its Collocated Interconnection Space.

2. General Regulations (Cont'd)
2.6 Definitions (Cont'd)

Common Line

The term "Common Line" denotes a line, trunk, pay telephone line or other facility provided under the local general services tariffs of the Telephone Company, terminated on a central office switch. A common line-residence is a line or trunk provided under the residence regulations of the local general services tariffs. A common line-business is a line provided under the business regulations of the local general services tariffs.

Communications System

The term "Communications System" denotes channels and other facilities which are capable of communications between terminal equipment provided by other than the Telephone Company.

Competitive County (N)

The term "Competitive County" denotes the geographic unit of a county or county-equivalent that passes or has passed a competitive market test specified by the FCC. Competitive County also denotes a county or county-equivalent that failed a competitive market test specified by the FCC, but was granted Phase II, Level 2 pricing flexibility prior to June 1, 2017. (N)

Connecting Facility Assignment

The term "Connecting Facility Assignment or (CFA)" denotes the identification of a channel or circuit to be used from a high capacity facility.

Conventional Signaling

The inter-machine signaling system which has been traditionally used in North America for the purpose of transmitting the called number's address digits from the originating end office to the switching machine which will terminate the call. In this system, all of the dialed digits are received by the originating switching machine, a path is selected, and the sequence of supervisory signals and outpulsed digits is initiated. No overlap outpulsing, ten-digit ANI, ANI information digits, or acknowledgement wink are included in this signaling sequence.

Corridor Service

The term "Corridor Service" applies to the exceptions to the MFJ Decree that allow the Telephone Company to provide interstate interLATA services in certain designated areas.

Customer(s)

The term "Customer(s)" denotes any individual, partnership, association, joint-stock company, trust, corporation, or governmental entity or other entity which subscribes to the services or other arrangements offered under this tariff, including both Interexchange Carriers (ICs) and End users.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Data Transmission (107 Type) Test Line

The term "Data Transmission (107 Type) Test Line" denotes an arrangement which provides for a connection to a signal source which provides test signals for one-way testing of data and voice transmission parameters.

Decibel

The term "Decibel" denotes a unit used to express relative difference in power, usually between acoustic or electric signals, equal to ten (10) times the common logarithm of the ratio of two signal powers.

Decibel Reference Noise C-Message Weighting

The term "Decibel Noise C-Message Weighting" denotes noise power measurements with C-Message Weighting in decibels relative to a reference 1000 Hz tone of 90 dB below 1 milliwatt.

Decibel Reference Noise C-Message Referenced to O

The term "Decibel Reference Noise C-Message Referenced to O" denotes noise power in "Decibel Reference Noise C-Message Weighting" referred to or measured at a zero transmission level point.

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Digital Cross-Connect System (DCS)

The term "Digital Cross-Connect system" or "DCS" denotes an electronic switching node that enables circuits to be cross-connected.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Direct-Trunked Transport Facility

Denotes a Switched Transport facility between a Telephone Company serving wire center and an end office or between a Telephone Company Serving Wire Center and an access tandem that provides a customer with dedicated transport.

Directory Assistance (Interstate)

The term "Directory Assistance" denotes the provision of telephone numbers by a Telephone Company operator when the operator location is accessed by a customer by dialing 1 + NPA + 555-1212, or 411 or 555-1212, whichever is available.

Directory Assistance Location (Interstate)

The term "Directory Assistance Location" denotes a Telephone Company office where Telephone Company equipment first receives the Directory Assistance call from a customer's end user and selects the first operation position to respond to the Directory Assistance call.

Directory Number

Denotes a unique NPA-NXX-XXXX code assigned to a subscriber of a local service provider.

Donor Switch

Denotes the original switch source of an NXX that has been designated as portable and from which a subscriber has moved its service, while retaining its Directory Number, to a different service provider.

Dual Tone Multifrequency Address Signaling

The term "Dual Tone Multifrequency Address Signaling" denotes a type of signaling that is an optional feature of Switched Access Feature Group A. It may be utilized when Feature Group A is being used in the terminating direction (from the point of termination with the customer to the local exchange end office). An office arranged for Dual Tone Multifrequency Signaling would expect to receive address signals from the customer in the form of Dual Tone Multifrequency signals.

Echo Control

The term "Echo Control" denotes the control of reflected signals in a telephone transmission path.

Certain material previously found on this page can now be found on 1st Revised Page 2-62.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Echo Path Loss

The term "Echo Path Loss" denotes the measure of reflected signal at a 4-wire point of termination without regard to the send and receive Transmission Level Point.

Echo Return Loss (Z)

The term "Echo Return Loss" denotes a frequency weighted measure of return loss over the middle of the voiceband (approximately 500 to 2500 Hz), where talker echo is most annoying.

Effective 2-Wire

The term "Effective 2-Wire" denotes a condition which permits the simultaneous transmission in both directions over a channel, but it is not possible to insure independent information transmission in both directions. Effective 2-wire channels may be terminated with 2-wire or 4-wire interfaces.

Effective 4-Wire

The term "Effective 4-Wire" denotes a condition which permits the simultaneous independent transmission of information in both directions over a channel. The method of implementing effective 4-wire transmission is at the discretion of the Telephone Company (physical, time domain, frequency-domain separation or echo cancellation techniques). Effective 4-wire channels may be terminated with a 2-wire interface at the customer's premises. However, when terminated 2-wire, simultaneous independent transmission cannot be supported because the 2-wire interface combines the transmission paths into a single path.

End Office Switch

The term "End Office Switch" denotes a local Telephone Company switching system, where Telephone Exchange Service customer station loops are terminated for purposes of interconnection to trunks. In the case of a Remote Switching Module, the term End Office Switch designates the combination of the Remote Switching Module and its Host.

End User

The term "End User" denotes any customer of an interstate or foreign telecommunications service that is not a carrier, except that a carrier other than a telephone company shall be deemed to be an "end user" when such carrier uses a telecommunications service for administrative purposes and a person or entity that offers telecommunications services exclusively as a reseller shall be deemed to be an "end user" if all resale transmission offered by such reseller originate on the premises of such reseller.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Entrance Facility

Denotes a Switched Transport Facility between a Telephone Company serving wire center and a customer premises that provides a customer with dedicated transport from the serving wire center to the customer premises.

Entry Switch

See First Point of Switching.

Envelope Delay Distortion

The term "Envelope Delay Distortion" denotes a measure of the linearity of the phase versus frequency of a channel.

Equal Level Echo Path Loss

The term "Equal Level Echo Path Loss" (ELEPL) denotes the measure of Echo Path Loss (EPL) at a 4-wire interface which is corrected by the difference between the send and receive Transmission Level Point (TLP). [ELEPL = EPL - TLP (send) + TLP (receive)].

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Exchange

The term "Exchange" denotes a unit generally smaller than a Local Access and Transport Area, established by the Telephone Company for the administration of communications service in a specified area which usually embraces a city, town, or village and its environs. It consists of one or more central offices together with the associated facilities used in furnishing communications service within that area. One or more designated exchanges comprise a given Local Access and Transport Area.



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2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Exchange Access Signaling

The signaling system which is used, by equal access end offices, to transmit originating information and address digits to the customer's premises and which includes the means of verifying the receipt of these address digits. Features of this system include overlap outpulsing, identification of the type of call, identification of the ten-digit telephone number of the calling party, and acknowledgement wink supervisory signals.

Expected Measured Loss

The term "Expected Measured Loss" denotes a calculated loss which specifies the end-to-end 1004-Hz loss on a terminated test connection between two readily accessible manual or remote test points. It is the sum of the inserted connection loss and test access loss including any test pads.

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Extensible Markup Language (XML)

The term "Extensible Markup Language (XML)" denotes a simple, very flexible text format that is used in the exchange of a wide variety of data on the Web and elsewhere.

Field Identifier

The term "Field Identifier" denotes two to four characters that are used on service orders to convey specific instructions. Field Identifiers may or may not have associated data. Selected Field Identifiers are used in Telephone Company billing systems to generate nonrecurring charges.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

First-Come, First-Served

The term "First-come, First-Served" denotes a procedure followed when the first order received will be the first order processed, except as provided in 2.1.2(D).

First Point of Switching

The term "First Point of Switching" denotes the first Telephone Company location at which switching occurs on the terminating path of a call proceeding from the customer premises to the terminating end office and, at the same time, the last Telephone Company location at which switching occurs on the originating path of a call proceeding from the originating end office to the customer premises.

Flexible Automatic Number Identification (Flexible ANI)

The term "Flexible Automatic Number Identification" denotes an optional feature or Basic Service Element that provides additional values for the information indicator digits available with the ANI feature on originating calls. These additional digits identify the type of line that is originating the call for billing, screening and routing purposes.

Frequency Shift

The term "Frequency Shift" denotes the change in the frequency of a tone as it is transmitted over a channel.

Grandfathered

The term "Grandfathered" denotes Terminal Equipment, Multiline Terminating Systems and Protective Circuitry directly connected to the facilities utilized to provide services under the provisions of this tariff, and which are considered grandfathered under Part 68 of the F.C.C.'s Rules and Regulations.

High Volume Call-In Networks

Denotes a unique NXX that has a presence in several switches within the designated Local Calling Area for which terminating calls are routed over dedicated trunks to a single tandem switch. This is done for the purpose of controlling the impact on the local network from potentially high volumes of terminating calls that may be directed to specific Directory Numbers within such NXXs at a customer's request.

Host Office

The term "Host Office" denotes an electronic switching system which provides call processing capabilities for one or more Remote Switching Modules or Remote Switching Systems.

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Immediately Available Funds

The term "Immediately Available Funds" denotes a corporate or personal check drawn on a bank account that has completed the clearing process and funds which are available for use by the receiving party on the same day on which they are received, including U.S. Federal Reserve bank wire transfers and Automated Clearinghouse (ACH) payments. (C)

Impedance Balance

The term "Impedance Balance" denotes the method of expressing Echo Return Loss and Singing Return Loss at a 4-wire interface whereby the gains and/or loss of the 4 wire portion of the transmission path, including the hybrid, are not included in the specification.

Impulse Noise

The term "Impulse Noise" denotes any momentary occurrence of the noise on a channel over a specified level threshold. It is evaluated by counting the number of occurrences which exceed the threshold.

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Individual Case Basis

The term "Individual Case Basis" (ICB) denotes a condition in which the regulations, if applicable, rates and charges for an offering under the provisions of this tariff are developed based on the circumstances in each case.

Inserted Connection Loss

The term "Inserted Connection Loss" denotes the 1004 Hz power difference (in dB) between the maximum power available at the originating end and the actual power reaching the terminating end through the inserted connection.

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Interexchange Carrier (IC) or Interexchange Common Carrier

The terms "Interexchange Carrier" (IC) or "Interexchange Common Carrier" denotes any individual, partnership, association, joint-stock company, trust, governmental entity or corporation engaged for hire in interstate or foreign communication by wire or radio, between two or more exchanges.

Intermodulation Distortion

The term "Intermodulation Distortion" denotes a measure of the non-linearity of a channel. It is measured using four tones, and evaluating the ratios (in dB) of the transmitted composite four-tone signal power to the second-order products of the tones (R2), and the third-order products of the tones (R3).

Interstate Communications

The term "Interstate Communications" denotes both interstate and foreign communications.

Interstate IntraLATA

The term Interstate IntraLATA denotes physically interstate services between two points within the same LATA which are not used in connection with InterLATA channels.

Intrastate Communications

The term "Intrastate Communications" denotes any communications within the state subject to oversight by a state regulatory commission as provided by the laws of the state involved.

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

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Line Information Data Base

The term "Line Information Data Base" refers to the data base which contains billing information such as calling card number and billed number restriction data that is used in connection with the billing of calls.

Line-Side Connection

The term "Line-Side Connection" denotes a connection of a transmission path to the line side of a local exchange switching system.

Local Access and Transport Area

The term "Local Access and Transport Area" denotes a geographic area established for the provision and administration of communications service. It encompasses one or more designated exchanges, which are grouped to serve common social, economic and other purposes.

Local Area Network

A short-distance data communications network (typically within a building or campus) used to link together computers and other electronic devices.

Local Calling Area

The term "Local Calling Area" denotes a geographical area, as defined in the Telephone Company's Local and/or General Exchange Service tariff, in which an end user (Telephone Exchange Service subscriber) may complete a call without incurring Toll charges.

Local Tandem Switch

The term "Local Tandem Switch" denotes a local Telephone Company switching unit by which local or access telephonic communications are switched to and from an End Office Switch.

Location Routing Number (LRN)

Denotes a NPA-NXX-XXXX within a NXX that is assigned to a switch that serves ported numbers. The LRN is associated with ported numbers in the Local Number Portability database for the recipient switch and is required to route calls directed to ported numbers working out of the switch.

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

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Loop Around Test Line

The term "Loop Around Test Line" denotes an arrangement utilizing a telephone company central office to provide a means to make certain two-way transmission tests on a manual basis. This arrangement has two central office terminations, each reached by means of separate telephone numbers and does not require any specific customer premises equipment. Equipment subject to this test arrangement is at the discretion of the customer.

Loss Deviation

The term "Loss Deviation" denotes the variation of the actual loss from the designed value.

Major Fraction Thereof

The term "Major Fraction Thereof" is any period of time in excess of 1/2 of the stated amount of time. As an example, in considering a period of 24 hours, a major fraction thereof would be any period of time in excess of 12 hours exactly. Therefore, if a given service is interrupted for a period of thirty-six hours and fifteen minutes, the customer would be given a credit allowance for two twenty-four hour periods for a total of forty-eight hours.

Manhole

The term "Manhole" denotes an underground enclosure which provides access to Collocated Interconnection Cable Support Structure.

Maritime Radio Common Carriers (MRCCs)

The term "Maritime Radio Common Carriers (MRCCs)" denotes carriers which are regulated under Part 81 of the Federal Communications Commission's Rules and Regulations.

Meet Point Billing

The term "Meet Point Billing" denotes the arrangement which requires multiple Exchange Telephone Companies, involved in providing applicable access services, to divide the ordering, rating, and billing of such services on a proportional basis, so that each Exchange Telephone Company involved bills under its respective tariff.

Message

The term "Message" denotes a "call" as defined preceding.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Message Unit Credits

The term "Message Unit Credits" denotes the credit applied to the local switching charges assessed to customers handling end user originating interstate or foreign service calls which are subject to message unit charges.

Metropolitan Statistical Area (MSA)

The term "Metropolitan Statistical Area (MSA)" denotes a prescribed geographic area comprised of Telephone Company wire centers that have been grouped together.

Milliwatt (102 Type) Test Line

The term "Milliwatt (102) Type) Test Line" denotes an arrangement in an end office which provides a 1004 Hz tone at 0 dBm0 for one-way transmission measurement towards the customer's premises from the Telephone Company end office.

Mobile Telephone Switching Office (MTSO)

The term "Mobile Telephone Switching Office" (MTSO) denotes the switching facility used by a CEC or RCC in performing originating and terminating switching functions for calls exchanged between their customers, the Telephone Company customers, Interchange Carriers, and independent Telephone Company customers.

Modem

Contraction of modulator-demodulator. A device which modulates and demodulates signals transmitted over communication facilities.

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2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

N-1 Carrier

Denotes the carrier that is delivering a call to the Telephone Company's switch and is responsible for determining the status and Location Routing Number of the dialed NXX.

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Network Address

Numeric character string used to specify the location of the called customer.

Network Control Signaling

The term "Network Control Signaling" denotes the transmission of signals used in the telecommunications system which perform functions such as supervision (control, status, and charge signals), address signaling (e.g., dialing), calling and called number identifications, rate of flow, service selection error control and audible tone signals (call progress signals indicating re-order or busy conditions, alerting, coin denominations, coin collect and coin return tones) to control the operation of the telecommunications system.

Network Interface Device

The term "Network Interface Device" denotes any Company provided means of interconnection of end user customer premises wiring to the Local Exchange Carrier's distribution plant, such as a cross connect device used for that purpose.

Non-Competitive County

The term "Non-Competitive County" denotes the geographic unit of a county or county-equivalent that failed a competitive market test specified by the FCC (excluding those that were granted Phase II, Level 2 pricing flexibility prior to June 1, 2017).

Non-Competitive End User Channel Termination

The term "Non-Competitive End User Channel Termination" denotes a Special Access channel termination at an end user customer designated premises served by a wire center in a Non-Competitive County as listed in Section 14.8 following.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Nonsynchronous Test Line

The term "Nonsynchronous Test Line" denotes an arrangement in step-by-step end offices which provides operational tests which are not as complete as those provided by the synchronous test lines, but can be made more rapidly.

North American Numbering Plan

The term "North American Numbering Plan" denotes a three-digit area (Numbering Plan Area) code and a seven-digit telephone number made up of a three-digit Central Office code plus a four-digit station number.

Off-Hook

The term "Off-hook" denotes the active condition of Switched Access or a Telephone Exchange Service line.

On-hook

The term "On-hook" denotes the idle condition of Switched Access or a Telephone Exchange Service line.

Open Circuit Test Line

The term "Open Circuit Test Line' denotes an arrangement in an end office which provides an ac open circuit termination of a trunk or line by means of an inductor of several Henries.

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Operator Services System

Equipment capable of processing certain kinds of traffic originating or terminating to an end office; this processing may take place either with or without an operator's assistance. Use of such equipment includes call rating and charge recording functions, operator assistance functions, coin control and collection functions, automatic or manual identification of calling line number, and verification of the busy/idle condition of subscriber lines.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Originating Direction (M)

The term "Originating Direction" denotes the use of Access Service for the origination of calls from an End User premises to a customer premises.

Out of Band Signaling

The term "Out of Band Signaling" denotes an exchange access signaling feature which allows customers to exchange call control and signaling information over a communications path which is separate from the message path. (M)

Certain material on this page formerly appeared on Original Page 2-73.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Overlap Outpulsing

The feature of the exchange access signaling system which permits initiation of pulsing to the customer's premises before the calling subscriber has completed dialing an originating call.

OZZ Code

The OZZ Code indicates the specific Interexchange Carrier trunk group that is to carry the call for MF Signalling.

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Pay Telephone

The term "Pay Telephone" denotes Telephone Company provided instruments and related facilities that are available to the general public for public convenience and necessity, including public and semipublic telephones, and coinless telephones.

Periodic Inspection

The term "Periodic Inspection" denotes inspections conducted at regular or irregular intervals of all or portions of the Collocator's facilities, to determine that occupancies are authorized and are installed and maintained in conformance with the requirements set forth herein. Telephone Company will notify Collocator in advance of such inspections, and Collocator shall have the right to be present at the time of inspection.

Phase Jitter

The term "Phase Jitter" denotes the unwanted phase variations of a signal.



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2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Physically-Collocated Interconnection

The term "Physically-Collocated Interconnection" denotes an arrangement where the Collocator's facilities will be interconnected with Collocator owned and provided equipment that is physically located in a Collocated Interconnection Space within a Telephone Company central office building. The standard method of interconnection is through a point of interconnection (POT) bay. Collocators may propose alternative means of interconnection that are technically feasible by submitting a bona fide request for negotiation. (See Note below.)

Point of Termination

The term "Point of Termination" denotes the point of demarcation, within a customer-designated premises at which the Telephone Company's responsibility for the provision of Access Service ends.

Post-Installation Inspection

The term "Post-Installation Inspection" under Collocated Interconnection denotes the work activities performed to visually observe Collocator's equipment and cable facilities and equipment installation during and after the completion of the installation of such equipment and facilities to determine that all occupancies conform to the standards required.

Pre-Construction Work

The term "Pre-Construction Work" under Collocated Interconnection denotes the work activities performed by Telephone Company in order to process an application for occupancy to the point just prior to performing any necessary Design and Construction Work.

Premises

The term "Premises" denotes a building or a portion of a building in a multitenant building, or buildings on a continuous property (except Railroad right-of-way, etc.) not separated by a public highway except for an end user that offers Telecommunications Services exclusively as a reseller, this term is not to be limited to one building, but applies as well to a complex, or campus-type configuration, or buildings. "Premises" does not include Collocated Interconnection Space. (D)

Note: See Section 19 following for further information.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Prime Service Vendor (M)

The term "Prime Service Vendor" denotes the status of the Telephone Company when contracting directly with the user of TSP service.

Protocol

Set of rules conducting interactions between two or more parties. These rules consist of syntax (header structure) semantics (actions and reactions that are supposed to occur) and timing (relative ordering and direction of states and events). (M)

(M) Certain material currently appearing on this page formerly appeared on Page No. 2-75.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Query

Denotes a signaling message requesting processing instructions or service data contained in a centralized database.

Radio Common Carriers (RCCs)

The term "Radio Common Carriers (RCCs) denotes carriers which are regulated under Part 22 of the Federal Communications Commission's Rules and Regulations.

Rate Zones

The term "Rate Zone" denotes a pricing unit for rating High Capacity Switched Access Transport and Special Access services. Rate zones are established based principally upon the volume of traffic carried by a wire center, traffic density, and are divided into three categories: Rate Zone 1 - high density, Rate Zone 2 - medium density, and Rate Zone 3 - low density.

Recipient Switch

Denotes any end office switch that serves Directory Numbers (DN) within a number portable NXX that is not originally assigned to the switch. Customers assigned a Directory Number (DN) within the indicated NXX that is working out of a switch other than the one originally designated is said to have ported their number to this recipient switch.

Regional Service Management System/Number Portability Administration Center (RSMS/NPAC)

Denotes the third party administered database which maintains the information on all ported numbers in a particular geographic area, in this case the Telephone Company's region.

Remote Switching Modules and/or Remote Switching Systems

The term "Remote Switching Modules and/or Remote Switching Systems" denotes small, remotely controlled electronic segments of an end office switch which obtain part of their call processing capability from a Host Office. The combination of a Remote Switching Module and its Host Office comprise an End Office Switch.

Return Loss

The term "Return Loss" denotes a measure of the similarity between the two impedances at the junction of two transmission paths. The higher the return loss, the higher the similarity.

Registered Equipment

The term "Registered Equipment" denotes the customer's premises equipment which complies with and has been approved within the Registration Provisions of Part 68 of the F.C.C.'s Rules and Regulations.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

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Serving Wire Center

The term Serving Wire Center denotes the first Telephone Company wire center to which facilities are connected on the terminating path of a call proceeding from the customer premises to the terminating end office.

Seven Digit Manual Test Line

The term "Seven Digit Manual Test Line" denotes an arrangement which allows the customer to select balance, milliwatt and synchronous test lines by manually dialing a seven digit number over the associated access connection.

Shared Network Arrangement

The term "Shared Network Arrangement" denotes a service offering whereby a Service User may connect subtending services to a Host Subscriber's service, and the Telephone Company will undertake to maintain separate customer records and billing.

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Short Circuit Test Line

The term "Short Circuit Test Line" denotes an arrangement in an end office which provides for an ac short circuit termination of a trunk or line by means of a capacitor of at least four microfarads.

Signal-to-C-Notched Noise Ratio

The term "Signal-to-C-Notched Noise Ratio" denotes the ratio in dB of a test signal to the corresponding C-Notched Noise.

Signal Transfer Point

The term "Signal Transfer Point" denotes a specialized switch which provides SS7 network access and performs SS7 message routing and screening.

Signaling Point of Interface

The term "Signaling Point of Interface" denotes the customer designated location, in the same LATA as the Telephone Company STP, where SS7 signaling information is exchanged between the Telephone Company and the customer.

Signaling Systems 7
The term "Signaling System 7" (SS7) denotes the out of band signaling protocol developed by the Consultative Committee for International Telephone and Telegraph (CCITT) and the American National Standards Institute (ANSI).

Singing Return Loss

The term "Singing Return Loss" denotes the frequency weighted measure of return loss at the edges of the voiceband (200 to 500 Hz and 2500 to 3200 Hz), where singing (instability) problems are most likely to occur.

Special Order

The term "Special Order" denotes an order for a Billing and Collection Service or an order for a Directory Assistance Service.

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Subcontractor

The term "Subcontractor" denotes the status of the Telephone Company when contracting directly with a Prime Service Vendor to provide TSP to a service user.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Subscriber Line Charge (M)

The term "Subscriber Line Charge" denotes the charge applicable to the end user common line. In Pennsylvania and Delaware this charge is referred to as a Line Cost Charge. (M)

Certain material on this page formerly appeared on Original Page 2-78.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Subsequent Inspections

The term "Subsequent Inspections" under Collocated Interconnection denotes the work operations performed by Telephone Company in order to verify that corrective action has been taken by the Collocator on variances from required safety, construction and maintenance practices reported to the Collocator by Telephone Company. Telephone Company will notify Collocator in advance of such inspections, and Collocator shall have the right to be present at the time of inspection.

Subtending End Office of an Access Tandem

The term "Subtending End Office of an Access Tandem" denotes an end office that has final trunk group routing through that tandem.

Switched Access Signalling Service (SASS)

The term "Switched Access Signalling Service" denotes transmission of the Carrier Identification Code (CIC) and the OZZ Code with MF Signalling; or the TNS parameter with SS7 Signalling. This service is available to TSPs and is provided from the Telephone Company end offices.

Switching System

The term "Switching System" denotes the hardware and/or software utilized by the Telephone Company for the establishment and maintenance of a given central office.

Synchronous Test Line

The term "Synchronous Test Line" denotes an arrangement in an end office which performs marginal operational tests of supervisory and ring-tripping functions.

Tandem Switching Provider (TSP)

The term "Tandem Switching Provider" denotes any Interexchange Carrier, End User, or other access provider who provides tandem switching functions for switched transport services.

Tandem Switched Transport

The term "Tandem Switched Transport" denotes the transport from the serving wire center of the customer's premises to an end office that is switched at a tandem switch. Tandem Switched Transport consists of circuits dedicated to the use of a single customer from the serving wire center to the tandem and circuits used in common by multiple customers from the tandem to an end office.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Telecommunication Relay Service (TRS)

TRS denotes the process where end user dialed calls are routed to a Telecommunication Relay Service Center for delivery to the Telephone Company. The Telephone Company in turn directs the call, via either the Trunkside BSA-101XXXX Option or Switched Access FGD Service, to an access tandem for delivery to the selected Interexchange Carrier of choice.

Telecommunication Relay Service (TRS) Center

Denotes the location of the provider of Telecommunication Relay Service (TRS).

Telephone Company Answering Service Concentrator

Answering Service Concentrator denotes equipment located on the Telephone Company premises which, when used in conjunction with an identifier or similar equipment located at the answering service premises, enables the answering bureau to answer incoming calls for customers at their location without the necessity of having a channel from each customer's location to the bureau's location.

Terminating Direction

The term "Terminating Direction" denotes the use of Access Service for the completion of calls from a customer premises to an End User premises.

Toll Free Database

The term "Toll Free" refers to the use of database technology to determine to which access customer an originating toll free call is to be delivered. An originating toll free call is a call made with the prefix 1+800, 1+888, 1+877, 1+866, 1+855, 1+844, 1+833, or 1+822. The toll free database routes calls to an access customer based on the dialed ten digit toll free number. Initially, the Toll Free Database will provide routing information for calls utilizing 800 and 888 toll free dialing numbers. The Toll Free Database will be expanded, as required, at a later date to include routing for 877, 866, 855, 844, 833, and 822 toll free dialing numbers. Until that time, toll free calls, other than those originated as 1+800 or 1+888, will not be completed.

Transit Network Selection (TNS)

The Transit Network Selection (TNS) parameter is a component of the SS7 Initial Address Message (IAM). It contains the Carrier Identification Code (CIC) and Circuit Code which indicate the specific Interexchange Carrier trunk group that is required to carry the call. The Circuit Code equates to the OZZ with MF Signalling.

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Transmission Measuring (105 Type) Test Line/Responder

The term "Transmission Measuring (105 Type) Test Line/Responder" denotes an arrangement in an end office which provides far-end access to a responder and permits two-way loss and noise measurements to be made on trunks from a near end office.

Transmission Path

The term "Transmission Path" denotes an electrical path capable of transmitting signals within the range of the service offering, e.g., a voice grade transmission path is capable of transmitting voice frequencies within the approximate range of 300 to 3000 Hz. A transmission path is comprised of physical or derived channels consisting of any form or configuration of facilities typically used in the telecommunications industry.

Transport Element

The term "Transport Element" denotes a generic term to refer to either Directory Transport or Local Transport as applicable.

Trunk-Side Connection

The term "Trunk-Side Connection" denotes the connection of a transmission path to the trunk side of a local exchange switching system.

Two-Wire to Four-Wire Conversion

The term "Two-Wire to Four-Wire Conversion" denotes an arrangement which converts a four-wire transmission path to a two-wire transmission path to allow a four-wire facility to terminate in a two-wire entity (e.g., a central office switch).

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Uniform Service Order Code

The term "Uniform Service Order Code" denotes a three or five character alphabetic, numeric, or an alphanumeric code that identifies a specific item of service or equipment. Uniform Service Order Codes are used in the Telephone Company billing system to generate recurring rates and nonrecurring charges.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

V and H Coordinates Method

The term "V and H Coordinates Method" denotes a method of computing airline miles between two points by utilizing an established formula which is based on the vertical and horizontal coordinates of the two points.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

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Virtually-Collocated Interconnection

An arrangement whereby the Collocator's facilities are interconnected to Collocator-provided Telephone Company-owned cable and equipment that is located in a Telephone Company central office building.

WATS Serving Office (WSO)

The term "WATS Serving Office" (WSO) denotes Wire Centers with the technical capability to accept WATS Access Connections (WACs) or WAC extensions.

Wire Center

The term "Wire Center" denotes a building in which one or more central offices, used for the provision of Telephone Exchange Services, are located.



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ACCESS SERVICE

2. General Regulations (Cont'd)

2.7 Service Level Agreements

2.7.1 Basic Service Level Agreements (Basic SLAs)

Regulations pertaining to Basic SLAs are contained in this tariff as specified following:

| Description | Tariff Reference | |
|---|---|---|
| Credit Allowance for Service Interruptions | 2.7.1.1 | (T) |
| Missed Installation Due Dates | 2.7.1.2 | (T) |

Certain material previously found on this page can now be found on Original Page 2-83.14.



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ACCESS SERVICE

2. General Regulations (Cont'd)
2.7 Service Level Agreements (Cont'd)
2.7.1 Basic Service Level Agreements (Basic SLAs)

2.7.1.1 Credit Allowance for Service Interruptions

(A) General

A service is interrupted when it becomes unusable to the customer because of a failure of a facility component used to furnish service under this tariff. An interruption period starts when the Telephone Company personnel are notified by the customer that the service is inoperative.

When a Special Access service is provided entirely or in part under this tariff, and a service interruption credit applies, only a single credit allowance will be issued, per interruption, for such a service (thus, the customer will not receive a credit allowance under this tariff if the customer receives a credit allowance outside of this tariff for the same service interruption). (N)

(B) When a Credit Allowance Applies

Subject to Section 2.7.4(B) following, in case of an interruption to any service, credit allowance for the period of interruption shall be as follows:

(1) For services other than those mentioned in 9.4(I)(1), (2), and (3), credits for interruption shall be:

ACCESS SERVICE

2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

2.7.1 Basic Service Level Agreements (Basic SLAs) (Cont'd)

2.7.1.1 Credit Allowance for Service Interruptions (Cont'd)

(B) When A Credit Allowance Applies (Cont'd)

(1) (Cont'd)

(a) Switched Access and Directory Assistance

No credit shall be allowed for an interruption of less than 24 hours. The customer shall be credited in increments of 24 hours at the rate of 1/30 of the monthly charge for the service for each period of 24 hours or major fraction thereof that the interruption continues. Each interruption in excess of twelve hours and up to 24 hours will result in a 24 hour credit being applied. For Switched Transport, the provisions as set forth in (b) following shall apply.

(b) Non-Competitive End User Channel Terminations or Switched Transport (D)

No credit shall be allowed for an interruption of less than thirty (30) minutes except for IntelliLight® services. When service is interrupted for 30 minutes or more, credit is allowed for the portion of the service affected in 1/2 hourly multiples for each 1/2 hour period or major fraction thereof of interruption. Each interruption in excess of 15 minutes and up to 30 minutes will result in a 30 minute credit being applied. The amount of credit is the proportionate part of the monthly charge, based on 24 hour daily service.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.7 Service Level Agreements

2.7.1 Basic Service Level Agreements (Basic SLAs)

2.7.1.1 Credit Allowance for Service Interruptions (Cont'd)

(B) When A Credit Allowance Applies (Cont'd)

(1) (Cont'd)

(b) Non-Competitive End User Channel Terminations or Switched Transport (Cont'd) (T) (D)

When a Switched Access direct trunked facility experiences an interruption of service, a credit will be applied for the facility itself. When a customer who has both Direct Trunked and Tandem Access facilities experiences an interruption of service, the customer will receive a credit based on the traffic on the out-of-service facility that is diverted to the tandem and charged at tandem rates.

The MOU credit will be derived by assuming 9000 MOU per trunk per month. Therefore, the daily credit would be limited to 300 MOU per trunk.



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2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

2.7.1 Basic Service Level Agreements (Basic SLAs) (Cont'd)

2.7.1.1 Credit Allowance for Service Interruptions (Cont'd)

(B) When A Credit Allowance Applies (Cont'd)

(1) (Cont'd)

(b) Non-Competitive End User Channel Terminations or Switched Transport (Cont'd) (T) (D)

For example, if a DS1 carrying 24 trunks is out-of-service for 4 hours, the down-time is equal to 240 minutes. The customer would be credited for 240 MOU per working trunk. The 240 is less than the 300 MOU daily limit; therefore:

| | |
|---|---|
| 240 | minutes out-of-service |
| X 24 | trunks |
| 5,760 | MOU credit multiplied by tandem switching rate, fixed per MOU rate and the per mile per MOU rate. |

If a DS1 carrying 24 trunks is out-of-service for 8 hours, the credit would be determined as follows:

8 hours X 60 minutes = 480 (total minutes out-of-service for one trunk). The daily MOU credit is limited to 300 per day. Since the out-of-service time exceeds the maximum daily credit, the customer will receive the maximum credit of 300 MOU multiplied by the number of working trunks.

This credit is only applicable if the customer has purchased tandem trunks to the tandem that serves the end office where the out-of-service Direct Trunked facility terminates.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

2.7.1 Basic Service Level Agreements (Basic SLAs) (Cont'd)

2.7.1.1 Credit Allowance for Service Interruptions (Cont'd)

(B) When A Credit Allowance Applies (Cont'd)

(1) (Cont'd)

(c) Special Federal Government Access Services and Specialized Service or Arrangements

Service interruptions for Special Federal Government Access Services and Specialized Service or Arrangements provided under the provisions of Sections 10 and 12 following shall be administered in the same manner as those set forth in this Section 2.7.1.1 unless other regulations are specified with the individual case filing.

(2) Credit allowances for interruptions to Switched Access Service and Directory Assistance Service apply to any applicable monthly rates.

(3) The credit allowance(s) for an interruption or for a series of interruptions shall not exceed the monthly rate for the service interrupted in any one monthly billing period.

(4) For Digital Data Access, DA1-4, High Capacity, HC1, Non-Competitive End User Channel Terminations, and for Switched Transport, any period during which the error performance is below that specified for the service will be considered as an interruption.

(5) Reserved.

(6) Reserved. (C)



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2. General Regulations (Cont'd)
2.7 Service Level Agreements
2.7.1 Basic Service Level Agreements (Basic SLAs)
2.7.1.1 Credit Allowance for Service Interruptions (Cont'd)
(B) When A Credit Allowance Applies (Cont'd)
(7) For certain Special Access services, a Special Access Service Guarantee (SASG) credit allowance will apply in the event that such services experience a service interruption of four (4) or more consecutive hours except as specified in Section 2.7.4(B) following. The SASG credit allowance will apply to Voice Grade, WATS, monthly Digital Data (DDS), and High Capacity DS1 and DS3 Special Access services (collectively, Special Access Services).

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(D)

If a Special Access Service is eligible for an SASG credit allowance, the Telephone Company shall provide the applicable credit amount as set forth in the table following. The Telephone Company shall bill customer the applicable monthly rate for the Special Access Service, and if customer is eligible to receive the SASG credit allowance, the customer shall receive the SASG credit in a later invoice. The SASG credit allowance is in addition to any other credit allowances available under this Section 2.7.1.1. The maximum amount of all credit allowances available for a Special Access Service for a given billing period shall not exceed the total applicable monthly charge paid by the customer for such Special Access Service. The monthly charge will consist of all applicable rate elements charged to the circuit experiencing the service interruption. The SASG credit allowance can only be applied once per month on a per circuit basis whether the circuit is provided entirely or in part under this tariff. For multi-point circuits, the SASG credit allowance will apply to each leg of the circuit that experiences a service interruption.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

2.7.1 Basic Service Level Agreements (Basic SLAs) (Cont'd)

2.7.1.1 Credit Allowance for Service Interruptions

(B) When A Credit Allowance Applies (Cont'd)

(7) (Cont'd)

The SASG credit allowance for each applicable service is listed below:

| Service | SASG (per circuit) | |
|---|---|---|
| Voice Grade & WATS | | |
| 2-wire | 20.00 | (D) |
| 4-wire | 20.00 | (D) |
| Digital Data/DDS | | |
| 2.4 Kbps | 40.00 | |
| 4.8 Kbps | 45.00 | |
| 9.6 Kbps | 50.00 | |
| 19.2 Kbps | 55.00 | |
| 56.0 Kbps | 60.00 | |
| 64.0 Kbps | 65.00 | |
| High Capacity | | |
| DS1 | 160.00 | (D) |
| DS3 | 400.00 | (D) |



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2. General Regulations (Cont'd)
2.7 Service Level Agreements (Cont'd)
2.7.1 Basic Service Level Agreements (Basic SLAs) (Cont'd)
2.7.1.1 Credit Allowance for Service Interruptions
(B) When A Credit Allowance Applies (Cont'd)
(8) Reserved (C)

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(9) Reserved (C)

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2. General Regulations (Cont'd)

2.7 Service Level Agreements

2.7.1 Basic Service Level Agreements (Basic SLAs)

2.7.1.1 Credit Allowance for Service Interruptions (Cont'd)

(B) When A Credit Allowance Applies (Cont'd)

(10) For both Switched and Special IntelliLight Entrance Facilities (IEF), the following Special Access Service Guarantee, SASG, credit allowance applies: (D)

Any service outage of 4 hours or more due to a Company facility failure will result in a credit of 100% of the monthly rate for the applicable rate elements affected. Only one such credit is allowed in a single month's billing period.

(D)

(11) For those services provided in rate bands, only one credit is allowed in a single month's billing period. Credits for DS3 Entrance Facility Channel Terminations will be based upon the rate effective and rate band applicable to the customer at the time of service failure. (T) (D)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

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2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

2.7.1 Basic Service Level Agreements (Basic SLAs) (Cont'd)

2.7.1.1 Credit Allowance for Service Interruptions (Cont'd)

(D)

(D)

(C) When A Credit Allowance Does Not Apply

Services will not be eligible for credits when any of the conditions set forth in Section 2.7.4(B) following exist.



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2. General Regulations (Cont'd)

2.7 Service Level Agreements

2.7.1 Basic Service Level Agreements (Basic SLAs)

2.7.1.1 Credit Allowance for Service Interruptions (Cont'd) (T)(x)

(D) Use of an Alternative Service Provided by the Telephone Company (M)(x)

Should the customer elect to use an alternative service provided by the Telephone Company during the period that a service is interrupted, the customer must pay the tariffed rates and charges for the alternative service used.

(E) Temporary Surrender of a Service

In certain instances, the customer may be requested by the Telephone Company to surrender a service for purposes other than maintenance, testing or activity relating to a service order. If the customer consents, a credit allowance will be granted. The credit allowance will be 1/1440 of the monthly rate for each period of 30 minutes or fraction thereof that the service is surrendered. In no case will the credit allowance exceed the monthly rate for the service surrendered in any one monthly billing period. (M)(x)

(x) Certain material on this page formerly appeared on Original Page 2-43.

2. General Regulations (Cont'd)

2.7 Service Level Agreements

2.7.1 Basic Service Level Agreements (Basic SLAs) (Cont'd)

2.7.1.2 Missed Installation Due Dates

(A) General

Failure to meet a confirmed service date (due date) for installation of certain services will result in a credit or the applicable nonrecurring charges billed to the customer for that service when the responsibility for the failure is solely the Telephone Company's. These credits of applicable nonrecurring charges for unmet installation dates are an exclusive remedy; and, are in lieu of any other claims as described in 2.1.3 preceding.

(B) Services Subject To The Credit

Subject to Section 2.7.4(A) following, nonrecurring installation charges (as specified in 7.4.1) will be credited for a missed service date on the following Special Access services:

Digital Data Service
DS1 High Capacity Service
DS3 Special Access High Capacity Services

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(D)

(C) When a Credit Allowance Does Not Apply

Services will not be eligible for credits when any of the conditions set forth in Section 2.7.4(A) following exist.

2. General Regulations (Cont'd)

2.7 Service Level Agreements

2.7.2 Enhanced Service Level Agreements (Enhanced SLAs)

Regulations pertaining to Enhanced SLAs are contained in this tariff as specified following:

| Description | Tariff Reference | |
|---|---|---|
| Reserved for Future Use | 2.7.2.1 | (C) |
| Reserved for Future Use | 2.7.2.2 | |
| Reserved for Future Use | 2.7.2.3 | |
| Reserved for Future Use | 2.7.2.4 | |

ACCESS SERVICE

2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

2.7.2 Enhanced Service Level Agreements (Enhanced SLAs)

2.7.2.1 Reserved for Future Use (C)

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2. General Regulations (Cont'd)

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2.7 Service Level Agreements (Cont'd)

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2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

2.7.4 When a Credit Allowance Does Not Apply

(A) On Time Provisioning

This Section 2.7.4(A) applies to and supplements Section 2.7.1.2 preceding. Services will not be included in performance measurements and credits will not apply, when: (D)

(1) Provision of service is delayed or prevented due to the acts or omissions of the customer or a party authorized by the customer to use the service; or

(2) Provision of service is delayed or prevented due to failures in power, equipment, service, or systems provided by the customer or by persons other than the Telephone Company; or

(3) The customer's premises is inaccessible; or

(4) The customer changes the order after receiving the confirmed Due Date from the Telephone Company; or

(5) The customer changes its interface requirements; or

(6) The customer is not ready to accept service; or

(7) Independent Telephone Companies are involved in the service installation; or

(8) Building facilities are not ready (includes space, cable support structures, building risers, and entrance facilities to be provided by persons other than the Telephone Company); or

(9) The customer orders termination beyond the Network Interface; or

(10) The installation requires Special Construction as set forth in Section 5.1.3 following; or

ACCESS SERVICE

2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

2.7.4 When a Credit Allowance Does Not Apply (Cont'd)

(A) Missed Installation Due Dates/On Time Provisioning (Cont'd)

(11) The customer requests Specialized Service or Arrangements as set forth in Section 12 following or services for which rates were developed on an individual case basis (ICB); or

(12) The order is for Service Changes, or Moves as described in Section 7.4.1(C)(3) and 7.4.5(A) following, respectively; or (D) (D)

(13) Provision of service is delayed or prevented due to the Telephone Company's provision of National Security Emergency Preparedness telecommunications service as described in Section 10.8.1(D) following; or

(14) A delay or failure in the provision of service is required, permitted or excused by this Tariff; or

(15) Provision of service is delayed or prevented due to acts of God or the public enemy, compliance with any law or any regulation or order of any governmental authority, acts of terrorism, war, rebellion, insurrection or sabotage or damage resulting therefrom, fires, floods, earthquakes, volcanic action, unusually severe weather, explosions, washouts, rules and regulations with regard to common carriers, accidents, epidemics, riots, strikes or other concerted acts of employees, whether direct or indirect, lockouts or other industrial disturbances, whether direct or indirect, worms, viruses or other contaminants that may cause damage to or disable software, computer or electronic systems, or any similar cause, or other causes beyond the Telephone Company's reasonable control.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

2.7.4 When a Credit Allowance Does Not Apply (Cont'd)

(B) Service Interruptions/Mean Time to Restore/Availability

This Section 2.7.4(B) applies to and supplements Section 2.7.1.1 preceding. Services will not be included in performance measurements and credits will not apply: (D)

(1) When the customer fails to report the interruption to the Telephone Company; or (D)

(2) When the interruption was caused by the act or omission of the customer or a party authorized by the customer to use the service; or

(3) When the interruption was due to the failure of power, equipment, service, or systems provided by the customer or persons other than the Telephone Company; or

(4) For any period in which the Telephone Company is not afforded access to the premises where the service is terminated; or

(5) When the customer has released the service to the Telephone Company for maintenance purposes, to make rearrangements, or for the implementation of an order for a change in the service, during the time that was negotiated with the customer prior to the release of that service (thereafter, a credit allowance as set forth in this Section 2.7 applies); or

(6) For any period of scheduled maintenance or scheduled downtime where the customer has received prior notification from the Telephone Company; or

(7) When interruptions occur or continue because of the failure of the customer to authorize the replacement of any element of special construction, as set forth in the Interstate Special Construction Tariffs as mentioned in Section 1.5 preceding; or

ACCESS SERVICE

2. General Regulations (Cont'd)

2.7 Service Level Agreements (Cont'd)

2.7.4 When a Credit Allowance Does Not Apply (Cont'd)

(B) Service Interruptions/Mean Time to Restore/Availability (Cont'd)

(8) For periods when the customer elects not to release the service for testing and/or repair; or

(9) For periods of temporary discontinuance as set forth in Section 2.2.1(B) preceding; or

(10) When an interruption is required, permitted or excused by this Tariff; or

(11) For interruptions, failures or delays due to acts of God or the public enemy, compliance with any law or any regulation or order of any governmental authority, acts of terrorism, war, rebellion, insurrection or sabotage or damage resulting therefrom, fires, floods, earthquakes, volcanic action, unusually severe weather, explosions, washouts, rules and regulations with regard to common carriers, accidents, epidemics, riots, strikes or other concerted acts of employees, whether direct or indirect, lockouts or other industrial disturbances, whether direct or indirect, worms, viruses or other contaminants that may cause damage to or disable software, computer or electronic systems, or any similar cause, or other causes beyond the Telephone Company's reasonable control. (D)

(12) For an interruption, or a group of interruptions resulting from a common cause, for amounts less than five dollars; or

(13) For an interruption or a group of interruptions on switched access service during a billing period when the customer's usage exceeds the minimum requirements.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.8 Sale or Transfer of a Verizon Operating Telephone Company's Assets and/or Stock to an Unaffiliated Third Party (N)

This Section 2.8 shall apply: (i) if the Telephone Company sells or transfers all or a portion of the assets or stock of a Verizon Operating Telephone Company (e.g., Verizon New Jersey Inc.) to an unaffiliated third party ("**Transfer**"); and (ii) a service offering or Service Level Agreement (SLA) of this tariff as referenced in this Section 2.8 does not include terms and conditions relating to a Transfer.

2.8.1 General

The terms and conditions set forth in Section 2.8.2 following shall apply:

(A) when a customer subscribes to a service offering under this tariff that aggregates the customer's purchases from the Telephone Company to measure compliance with such service offering or the customer participates in a SLA that aggregates the customer's measured transactions, and:

(B) the service offering or SLA does not include terms and conditions pertaining to a Transfer; and

(C) as a result of the Transfer, one or more of the following conditions occur solely as a result of the Telephone Company no longer providing the same quantity of services:

(1) the customer no longer satisfies the minimum requirements of the service offering or SLA;

(2) the customer is subject to a related penalty, termination liability or cancellation;

(3) the customer is subject to a change in the tier of a volume table or a rate table; and

(4) the customer is subject to a change in the rate level of the service offering.

2.8.2 Undertaking of the Telephone Company Following a Transfer

When the conditions set forth in 2.8.1 preceding exist, the Telephone Company will utilize the following terms and conditions, as applicable.

(A) If the service offering includes specific minimum ordering requirements for participation, or requires that the customer achieve a minimum number of services, minimum number of rate elements, and/or minimum revenue within a specific geographic area in order to continue its subscription to the service offering or participation in a pricing plan for such service offering (each, a **Minimum Requirement**), the Telephone Company will apply the terms and conditions of this Section 2.8.2(A). The following service offerings have Minimum Requirements that are subject to this Section 2.8.2(A): (N)

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2. General Regulations (Cont'd)

2.8 Sale or Transfer of a Verizon Operating Telephone Company's Assets and/or Stock to an Unaffiliated Third Party (Cont'd)

2.8.2 Undertaking of the Telephone Company Following a Transfer (Cont'd)

(A) (Cont'd)

- Directory Assistance Service as set forth in Section 9 following
- InterLATA Operator Services as set forth in Section 13.3.13 following

(D)
(D)

- Call Management Signaling Service as set forth in Section 20.1.2 following

In the event of a Transfer, the following applies.

(1) The Telephone Company will, consistent with the service offering, determine if the customer satisfies the Minimum Requirement for the service offering with the reduced quantity of services the Telephone Company provides to the customer following the Transfer; and

2. General Regulations (Cont'd)

2.8 Sale or Transfer of a Verizon Operating Telephone Company's Assets and/or Stock to an Unaffiliated Third Party (Cont'd)

2.8.2 Undertaking of the Telephone Company Following a Transfer (Cont'd)

(A) (Cont'd)

(2) if the customer does not satisfy the Minimum Requirement following the Transfer, determine if the customer would have satisfied the Minimum Requirement had the Transfer not occurred. If the customer would have satisfied the Minimum Requirement had the Transfer not occurred, then no further action shall be taken and the customer will be considered to have satisfied the Minimum Requirement. If the customer would not have satisfied the Minimum Requirement had the Transfer not occurred, then the terms and conditions for such result shall apply under the applicable service offering, except that the calculation of any penalty associated with not satisfying the Minimum Requirement shall be reduced pro-rata to reflect the Transfer. Upon renewal of the customer's commitment period for such service offering or subsequent subscription to such service offering, as applicable, the terms and conditions set forth in the applicable section(s) of this the tariff shall apply, including satisfying the Minimum Requirement for such service offering using only the quantity of services the customer purchases from the Telephone Company at the time of renewal or subsequent subscription.

For example, assume Verizon Virginia LLC transfers a portion of its assets to an unaffiliated third party. Further assume that a customer subscribes to Call Management Signaling Service under Section 20.1.2 following which has a minimum monthly billing of one million (1,000,000) call signals per month. Also assume that following the Transfer, the volume of call signals recorded for the customer at the next scheduled review is nine hundred fifty thousand (950,000), and that an estimated one hundred thousand (100,000) call signals were associated with the services transferred to the unaffiliated third party. In this case, the Telephone Company would determine if the customer would have satisfied the minimum number of call signals had the Transfer not occurred by adding (i) the estimated number of call signals associated with the services transferred to the unaffiliated third party and; (ii) the recorded number of call signals for the period of review [950,000 + 100,000 = 1,050,000 call signals]. Based on this calculation, the customer would have satisfied the Minimum Requirement and will not incur any shortfall charges. However, if the result of such calculation was that the customer still did not satisfy the Minimum Requirement for the service, then the terms and conditions for such result shall apply under Section 20.1.2 following, except that the calculation of shortfall charges shall be reduced pro-rata to reflect the Transfer. (T)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.8 Sale or Transfer of a Verizon Operating Telephone Company's Assets and/or Stock to an Unaffiliated Third Party (Cont'd)

(D)

(D)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.8 Sale or Transfer of a Verizon Operating Telephone Company's Assets and/or Stock to an Unaffiliated Third Party (Cont'd)

2.8.2 Undertaking of the Telephone Company Following a Transfer (Cont'd)

(C) Reserved. (C)

(D)
(D)

ACCESS SERVICE

2. General Regulations (Cont'd)

(D)

(D)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.8 Sale or Transfer of a Verizon Operating Telephone Company's Assets and/or Stock to an Unaffiliated Third Party (Cont'd)

2.8.2 Undertaking of the Telephone Company Following a Transfer (Cont'd)

(D) For Service Level Agreements (SLAs), a customer who participates in one of such SLAs prior to a Transfer shall continue with such SLA for the balance of the subscription term, regardless of whether or not the customer is able to satisfy the requirement(s) of the SLA using the reduced quantity of services the Telephone Company provides to the customer following a Transfer. The following SLAs are subject to this Section 2.8.2(D):

(D)
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(D)

Service Response Credits as set forth in Section 2.7.3.3 preceding. (T)

(D)
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(D)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.9 Technology Migration

(A) General

When a customer (for purposes of this Section 2.9, the term customer includes an Interexchange Carrier or Interexchange Common Carrier, an End User, or a Collocator, each as defined in Section 2.6 preceding) who subscribes to a DS1 High Capacity Service Term Pricing Plan under Section 7.4.17 following, a DS3 High Capacity Service Term Pricing Plan under Section 7.4.13 following, Commitment Discount Plan (CDP) under Section 25.1 following, or National Discount Plan (NDP) under Section 25.3 following wishes to disconnect certain Special Access High Capacity Services (each a **Hi-Cap Disconnect**) in order to replace them with a Telephone Company provided Ethernet private line service or a Telephone Company provided switched Ethernet service (each such service hereinafter referred to individually or collectively as a **Replacing Service** and each such replacement hereinafter referred to as a **Technology Migration**), the terms and conditions that apply to such Technology Migration are as follows: (D) (D)

(1) For customers who subscribe to a DS1 High Capacity Service Term Pricing Plan, this Section 2.9 applies to all of its Technology Migrations ordered on or after December 2, 2010.

(2) For customers who subscribe to a DS3 High Capacity Service Term Pricing Plan, this Section 2.9 applies to all of its Technology Migrations ordered on or after December 2, 2010.

(D)
|
(D)

(3) For customers who subscribe to a CDP, this Section 2.9 applies to Technology Migrations ordered on or after December 2, 2010. (T)

(4) For customers who subscribed to an NDP prior to December 2, 2010, the customer may choose to apply either the upgrade terms and conditions set forth in Section 25.3.7 following to a Technology Migration or the terms and conditions for a Technology Migration set forth in this Section 2.9. The terms and conditions that the customer chooses for the first such order placed on or after December 2, 2010 shall be the same terms and conditions that will apply to all of the customer's subsequent Technology Migration orders during the remainder of the current term commitment. (T)

For customers who subscribe to an NDP on or after December 2, 2010, or renew their subscription to an NDP on or after December 2, 2010, this Section 2.9 applies to each Technology Migration ordered on or after December 2, 2010.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.9 Technology Migration (Cont'd) (N)

(B) In the event a customer fails to specify the provision to be applied under (A)(5) preceding, the Telephone Company will apply the regulations in this Section 2.9 for the initial Technology Migration order submitted and for all future Technology Migration orders the customer submits during the remainder of the current term commitment.

2.9.1 Service Under a DS1 High Capacity Service Term Pricing Plan

(A) Termination liability will not apply to a Technology Migration of a service under a DS1 High Capacity Service Term Pricing Plan if all of the requirements in Section 2.9.6 following are satisfied for that service.

(B) The customer remains responsible for satisfying any Minimum Period obligations on the service(s) being disconnected.

2.9.2 Service Under a DS3 High Capacity Service Term Pricing Plan

(A) Termination liability will not apply to a Technology Migration of a service under a DS3 High Capacity Service Term Pricing Plan if all of the requirements in Section 2.9.6 following are satisfied for that service.

(B) The customer remains responsible for satisfying any Minimum Period obligations on the service(s) being disconnected. (N)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.9 Technology Migration (Cont'd)

2.9.3 Reserved for Future Use (C)

(D)

(D)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.9 Technology Migration (Cont'd)

2.9.4 Service Under a Commitment Discount Plan# (T)

(A) Effect on CDP True-Up for Each Service Type or Combined Service Type

In the first true-up following a Technology Migration and in all subsequent true-ups until the expiration of the current term commitment, the Telephone Company will include, for each Hi-Cap Disconnect that was replaced by a Replacing Service on or after December 2, 2010, the number of DS0 equivalents for the Hi-Cap Disconnect in the calculation of the average number of DS0 equivalents which were actually in service over the preceding six (6) months as if such Hi-Cap Disconnect had never occurred. Only those services that satisfy all of the requirements set forth in Section 2.9.6 following will be included in this calculation. The true-up process for a CDP is described in Section 25.1.7 following.

Upon renewal of the customer's CDP, the DS0 equivalents of each Technology Migration that occurred during the expiring term commitment will not be included in the true-up calculations of the renewal term. However, for each Hi-Cap Disconnect that is replaced by a Replacing Service during the renewal term, the Telephone Company will include the number of DS0 equivalents for such Technology Migration in the true-up calculations in the same manner that such DS0 equivalents were included in the expiring term commitment.

(B) The customer remains responsible for satisfying any Minimum Period obligations on the service(s) being disconnected.

# Subject to Section 1.1 preceding, the Telephone Company manages a CDP as a single plan, and a true-up includes all of the CDP services included in that CDP. (N) | (N)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.9 Technology Migration (Cont'd)

2.9.5 Service Under a National Discount Plan# (T)

(A) Effect on NDP Annual True-Up

In the first Annual True-Up following a Technology Migration and in all subsequent Annual True-Ups until the expiration of the current term commitment, the Telephone Company will include the following in the calculation of the average number of equivalent DS1 CTs and equivalent DS1 CMs which were actually in service over the preceding twelve (12) months:

One hundred percent (100%) of the number of equivalent DS1 CTs and the number of equivalent DS1 CMs for each DS1 or DS3 Hi-Cap Disconnect that was replaced by a Replacing Service on or after December 2, 2010 as if such Hi-Cap Disconnect had never occurred; and

Upon renewal of the customer's NDP, the equivalent DS1 CTs and equivalent DS1 CMs of each Technology Migration that occurred during the expiring term commitment will not be included in the Annual True-Up calculations of the renewal term. However, for each Hi-Cap Disconnect that is replaced by a Replacing Service during the renewal term, the Telephone Company will include the number of equivalent DS1 CTs and the number of equivalent DS1 CMs for such Technology Migration in the Annual True-Up calculations in the same manner that such equivalent DS1 CTs and equivalent DS1 CMs were included in the expiring term commitment.

Only those services that satisfy all of the requirements set forth in Section 2.9.6 following will be included in this calculation. The Annual True-Up process for an NDP is described in Section 25.3.7 following.

(B) The customer remains responsible for satisfying any Minimum Period obligations on the service(s) being disconnected.

# Subject to Section 1.1 preceding, the Telephone Company manages a National Discount Plan as a single plan, and the Annual True-Up includes all of the National Discount Plan services included in that National Discount Plan. (N)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.9 Technology Migration (Cont'd)

2.9.6 Requirements For a Technology Migration

In order to qualify for a waiver of termination liability under either Section 2.9.1 or 2.9.2 preceding, or to qualify for the true-up calculations under Section 2.9.4 preceding for a CDP, or Section 2.9.5 preceding for NDP, all of the following requirements must be satisfied. (D)

(A) Length of Commitment Requirements

If one (1) Hi-Cap Disconnect is replaced with one (1) Replacing Service, the Replacing Service must be purchased with a term commitment equal to or longer than the number of months remaining in the term commitment of the Hi-Cap Disconnect. If the Replacing Service does not offer a term commitment that is equal to or longer than the number of months remaining in the term commitment for the Hi-Cap Disconnect, then the customer must elect the longest term offered for the Replacing Service in order to satisfy this requirement.

Example: The customer disconnects one (1) DS1 High Capacity Service in order to replace it with one (1) Replacing Service. Assume that the customer has 24 months remaining on the DS1 High Capacity Service term commitment period of 84 months. If the Replacing Service has a term period of at least 24 months, then the customer shall have satisfied this requirement.

If multiple Hi-Cap Disconnects are replaced with one (1) or more Replacing Services, each of the Replacing Services must be purchased with a term commitment equal to or longer than the most number of months remaining on the commitments of any of the Hi-Cap Disconnects. If the Replacing Service(s) does not offer a term commitment that is equal or longer than the most number of months remaining on the commitments of any of the Hi-Cap Disconnects, then the customer must elect the longest term offered for the Replacing Service(s) in order to satisfy this requirement.

Example 1: The customer disconnects two (2) DS1 High Capacity Services in order to replace them with one (1) Replacing Service. Assume that the customer has 24 months remaining on the DS1 High Capacity Service term commitment period of 60 months and 18 months remaining on the DS1 High Capacity Service term commitment period of 36 months. If the Replacing Service has a term period of at least 24 months, then the customer shall have satisfied this requirement.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.9 Technology Migration (Cont'd)

(N)

2.9.6 Requirements For a Technology Migration (Cont'd)

(A) Length of Commitment Requirements (Cont'd)

Example 2: Assume that in Example 1 above, one of the DS1 High Capacity Services has seventy (70) months remaining on the DS1 High Capacity Services term commitment period of 84 months and that the longest term commitment offered on the Replacing Service is 60 months. The customer would have to elect the 60 month term commitment for its Replacing Service in order to satisfy this requirement.

(B) Bandwidth Requirements

The sum of the bandwidth of the Replacing Service(s) is equal to or greater than the sum of the bandwidth of the Hi-Cap Disconnects.

Example: If a customer disconnects two (2) DS1 High Capacity Services in order to replace them with one (1) 10 Mbps Replacing Service, the customer shall have satisfied this requirement.

(C) Revenue Test Requirements

The Technology Migration must satisfy one of the following revenue tests:

(1) MRC Revenue Test

The MRC Revenue Test requires the current monthly recurring charges (MRCs) of the Replacing Service(s), counting only those discounted rate elements included in the term plan for the Replacing Service(s), be equal to or greater than the MRCs of the Hi-Cap Disconnect(s), counting only those discounted rate elements included in the term plan for the Hi-Cap Disconnect(s).

For example, assume a customer disconnects its DS1 High Capacity Service (Hi-Cap DS1 Disconnect) in order to replace it with a 100 Mbps Replacing Service. Further assume all of the following:

- the Hi-Cap DS1 Disconnect is provided under a DS1 TPP with a commitment period of sixty (60) months at a rate of $220.98 per month for the discounted rate elements; and
- the 100 Mbps Replacing Service is provided under a term plan with a sixty (60) month commitment at a rate of $900.00 per month for the discounted rate elements.

Since the MRC of $900.00 for the 100 Mbps Replacing Service is greater than the MRC of $220.98 for the Hi-Cap DS1 Disconnect, the customer shall have satisfied this requirement.

(N)

(Issued under Transmittal No. 1119)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.9 Technology Migration (Cont'd)

2.9.6 Requirements For a Technology Migration (Cont'd) (N)

(C) Revenue Test Requirements (Cont'd)

(2) Overall Value/Revenue Test

The Overall Value/Revenue Test requires the overall value of the Replacing Service(s) be equal to or greater than the overall value of the remaining months of the current term commitment of the Hi-Cap Disconnect(s). The overall value of the Replacing Service(s) is calculated by multiplying the MRCs for the Replacing Service(s), counting only those discounted rate elements included in the term plan for the Replacing Service(s), by the number of months in the term commitment. The overall value of the Hi-Cap Disconnect(s) is calculated by multiplying the MRCs currently in effect for the Hi-Cap Disconnect(s), counting only those discounted rate elements included in the term plan for the Hi-Cap Disconnect(s), by the total remaining months in the current term commitment.

For example, using the same assumptions in the example for the MRC revenue test in (1) preceding, further assume the customer disconnects the DS1 High Capacity Service in month thirty-six (36) of the 60 month commitment period (twenty-four (24) months remaining in the commitment period of the DS1 TPP for the Hi-Cap DS1 Disconnect).

Based on the above, the overall value of the Hi-Cap DS1 Disconnect is $5,303.52 ($220.98 x 24 months remaining) and the overall value of the 100 Mbps Replacing Service is $54,000 ($900.00 x 60 months). Since the overall value of the 100 Mbps Replacing Service is greater than the overall value of the Hi-Cap DS1 Disconnect, the customer would have met this requirement. (N)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.9 Technology Migration (Cont'd)

2.9.6 Requirements For a Technology Migration (Cont'd)

(D) Terminating Location Requirements

Terminating locations include End User locations, Interexchange Carrier locations, physical or virtual CIS locations pursuant to Section 19 following, Primary Premises and Secondary Premises.

(1) One Hi-Cap Disconnect Replaced by One Replacing Service

The terminating location(s) of the Replacing Service must satisfy one of the following requirements:

(a) For service provided between two End User locations, at least one of the locations of the Replacing Service must be the same as one of the locations of the Hi-Cap Disconnect; or (D)

(b) For service provided between an Interexchange Carrier location or a physical or virtual CIS location and an End User location, one of the locations of the Replacing Service must be the same as the End User location of the Hi-Cap Disconnect; or

(c) For a multiplexed facility provided between an Interexchange Carrier location, a physical or virtual CIS location, or an End User location and a Telephone Company Hub where multiplexing functions are performed, one of the locations of the Replacing Service must be the same as the Interexchange Carrier location, physical or virtual CIS location, or End User location, respectively, of the Hi-Cap Disconnect; or

(d) For service provided between a Primary Premises and a Secondary Premises, one of the locations of the Replacing Service must be the same as the Secondary Premises location of the Hi-Cap Disconnect.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.9 Technology Migration (Cont'd)

2.9.6 Requirements For a Technology Migration (Cont'd)

(D) Terminating Locations (Cont'd)

(2) Multiple Hi-Cap Disconnects Replaced by One or More Replacing Service(s)

When multiple Hi-Cap Disconnects are replaced by one or more Replacing Service(s), at least one of the locations for each of the Replacing Service(s) must be the same location as each of the End User locations or Secondary Premises, as applicable, of each of the Hi-Cap Disconnects, except where the locations involved are two (2) End User locations in which case at least one of the (D)
locations for each of the Replacing Service(s) must be the same as one of the End User locations of each of the (D)
Hi-Cap Disconnects.

Example where both locations are End User locations: The customer has a DS1 High Capacity Service between locations A and B and a DS1 High Capacity Service between locations C and D. The two Replacing Services are between locations B and E and between locations D and F. Since each DS1 High Capacity Service has one location in common with its Replacing Service, this requirement is satisfied.

Example where all locations are End User locations: The customer has three (3) DS1 High Capacity Services between locations A and B, C and D, and E and F. The two Replacing Services are between locations B and X and between locations D and Y. Since the Replacing Services do not have a common location with the DS1 High Capacity Service between locations E and F, this requirement is not satisfied. However, if the customer qualifies for a one-for-one replacement under (D)(1) preceding, this requirement would be satisfied for two of the DS1 High Capacity Services. The DS1 High Capacity Service between locations E and F, for which no common location exists, would not meet the requirements for a Technology Migration.

ACCESS SERVICE

2. General Regulations (Cont'd)

2.9 Technology Migration (Cont'd)

2.9.6 Requirements For a Technology Migration (Cont'd) (N)

(E) Timing Requirements

The order for each Hi-Cap Disconnect must be completed within three (3) months of the date that the Replacing Service(s) is installed. Failure to disconnect each Hi-Cap Disconnect within three (3) months will result in the customer not satisfying this requirement.

(F) Notification Requirements

Within ten (10) business days of the date the Replacing Service(s) is ordered, the customer must provide the Telephone Company with the all of following:

(1) the circuit identification number(s) of each Hi-Cap Disconnect; and

(2) the circuit identification number(s) of the Replacing Service(s); and

(3) the terminating locations of the services involved (including both the Replacing Service(s) and the Hi-Cap Disconnect(s)).

Failure to provide such information within the stated timeframe will result in the customer not satisfying this requirement. (N)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.10 Customer Notices

When the Telephone Company is required to notify a customer under this tariff, the Telephone Company will provide notice by appropriate method that the Telephone Company, in its sole discretion, determines to be appropriate for the circumstances, including, by way of example: (i) posting the notice on a Telephone Company website, (ii) by bill insert or bill message, (iii) by letter or postcard via U.S. Postal Service, or by overnight delivery, to the customer's billing address or other address available in the Telephone Company's records, (iv) by a call to the customer's billed telephone number, (v) by an email to a customer email address specified by the customer or otherwise available in the Telephone Company's records, or (vi) electronic communication via a Telephone Company ordering system interface. Although the Telephone Company under certain circumstances may provide notice of a particular subject matter via more than one of the foregoing methods, such multiple notices are not required at any time, and a single notice via a single method is sufficient. If applicable law requires a particular method of notice, the Telephone Company shall use the method required by applicable law. All notices provided in accordance with this section shall be effective and binding. (C)(x)

(x) Certain material on this page formerly appeared on 3rd Revised Page 2-7, 4th Revised Page 2-9, and 2nd Revised Page 2-10.

ACCESS SERVICE

## 3. Carrier Common Line Access Service

The Telephone Company will provide Carrier Common Line Access Service (Carrier Common Line Access) to customers in conjunction with Switched Access Service provided in Section 6. of this tariff.

### 3.1 General Description

Carrier Common Line Access provides for the use of end users' Telephone Company provided common lines by customers for access to such end users to furnish Interstate Communications.

Premium Access is Switched Access Service, other than the DNAL BSA, provided to customers under this tariff which furnish interstate MTS/WATS and Switched Access Service. (D)

(D)
|
(D)

A Special Access Surcharge, as set forth in 7.5.14 following, will apply to interstate special access service provided by the Telephone Company to a customer, in accordance with regulations as set forth in 7.4.2 following.



Vice President, Federal Regulatory (T)
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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.2 Limitations

3.2.1 Exclusions

Neither a telephone number nor detail billing are provided with Carrier Common Line Access. Additionally, directory listings and intercept arrangements are not included in the rates and charges for Carrier Common Line Access.

Carrier Common Line Service is not available with the DNAL BSA.

Carrier Common Line Service is not available with Switched Access Service when provided in conjunction with a MTSO Type I or II interconnection.

3.2.2 Access Groups

All line side connections provided in the same access group will be limited to the same features and operating characteristics.

All trunk side connections provided in the same access group will be limited to the same features and operating characteristics.

Carrier Common Line Service is not available with the DNAL BSA.

Carrier Common Line Service is not available with Switched Access Service when provided in conjunction with a MTSO Type I or II interconnection.

Carrier Common Line Service does not apply to FGD minutes of use originated from a Telecommunication Relay Service (TRS) Center.

3.2.3 WATS Access Lines

Where Switched Access Services are connected with Special Access Services at Telephone Company Designated WATS Serving Offices for the provision of WATS or WATS-type Services, Switched Access Service minutes which are carried on that end of the service (i.e., originating minutes for outward WATS and WATS-type services and terminating minutes for inward WATS and WATS-type services) shall not be assessed Carrier Common Line Access per minute charges. (D)



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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.3 Undertaking of the Telephone Company

3.3.1 Provision of Service

Where the customer is provided Switched Access Service under other sections of this tariff, the Telephone Company will provide the use of Telephone Company common lines by a customer for access to end users at rates and charges as set forth in 3.9 following.

3.3.2 Interstate and Intrastate Use

The Switched Access Service provided by the Telephone Company includes the Switched Access Service provided for both interstate and intrastate communications. The Carrier Common Line Access rates and charges as set forth in 3.9 following apply to interstate Switched Access Service access minutes in accordance with the rate regulations as set forth in 2.3.10 following (Jurisdictional Reports Requirements).

3.4 Obligations of the Customer

3.4.1 Switched Access Service Requirement

The Switched Access Service associated with Carrier Common Line Access shall be ordered by the customer under other sections of this tariff.

3.4.2 Supervision

The customer facilities at the premises of the ordering customer shall provide the necessary on-hook and off-hook supervision.

ACCESS SERVICE

3. Carrier Common Line Service (Cont'd)

3.5 Determination of Usage Subject to Carrier Common Line Charges

3.5.1 Determination of Jurisdiction

When the customer reports interstate and intrastate use of Switched Access Service, the associated Carrier Common Line Access used by the customer for interstate will be determined as set forth in 2.3.10 preceding.

3.5.2 Switched Access Service Provided in Conjunction with a Cellular Exchange Carrier (CEC) or a Radio Common Carrier (RCC)

For Switched Access services minutes of use provided in conjunction with a CEC or RCC Type I call, Carrier Common Line rates do not apply.

When credit for Carrier Common Line charges must be made and the Telephone Company cannot determine the credit adjustment for Carrier Common Line charges, the customer shall be responsible for providing documentation for use in determining the credit amount. Documentation, supplied by the customer, shall be supplied each month and shall identify the involved Switched Access services minutes of use for which a Carrier Common Line credit adjustment is due. The monthly period used to determine the minutes of use shall be the most recent monthly period for which the customer has received a bill for such Switched Access services. The information shall be delivered to the Telephone Company, in a timely manner. If the required information is not received by the Telephone Company, as described preceding, the most recent reported information will be used for the next two months. Subsequent credits or allocation for additional months will be made after the required documentation, as described preceding, is delivered to the Telephone Company by the customer. (D)

The Carrier Common Line credit adjustment shall apply for Switched Access services minutes of use provided in conjunction with a CEC or RCC Type I calls, provided Carrier Common Line charges have been assessed on such services.

ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.5 Determination of Usage Subject to Carrier Common Line Access Charges (Cont'd)

3.5.3 Local Exchange Access and Enhanced Services Exemption

When access to the local exchange is required to provide a customer service (e.g., MTS/WATS-type, telex, Data, etc.) that uses a resold private line service, Switched Access Service Rates and Regulations, as set forth in Section 6. following will apply, except when such access to the local exchange is required for the provision of an enhanced service. Carrier Common Line Access rates and charges as set forth in 3.9 following apply in accordance with the resale rate regulations as set forth in 3.6.4 following.

3.6 Resold Services

3.6.1 Scope

Where a customer is reselling MTS and/or MTS-type service(s) on which the Carrier Common Line and Switched Access charges have been assessed, the customer may, at the option of the customer, obtain Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, Feature Group A, Feature Group B or Feature Group D Switched Access Service under this tariff as set forth in Section 6. following for originating and/or terminating access in the local exchange. Such access group arrangements whether single lines or trunks or multiline hunt groups or trunk groups will have Carrier Common Line Access charges applied as set forth in 3.9 following in accordance with the resale rate regulations set forth in 3.6.4 following. For purposes of administering this provision:

Resold interstate terminating MTS and MTS-type service(s) shall include collect calls, third number calls and credit card calls where the reseller pays the underlying carrier's service charges; and shall not include intrastate minutes of use.

Resold interstate originating MTS and MTS-type service(s) shall not include collect, third number, credit card or intrastate minutes of use.

ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.6 Resold Services (Cont'd)

3.6.2 Customer Obligations Concerning the Resale of MTS and MTS-type Services

When the customer is reselling MTS and/or MTS-type service as set forth in 3.6.1 preceding, the customer will be charged Carrier Common Line Access charges in accordance with the resale rate regulations as set forth in 3.6.4 following if the customer or the provider of the MTS service furnishes documentation of the MTS usage and/or the customer furnishes documentation of the MTS-type usage. Such documentation supplied by the customer shall be supplied each month and shall identify the involved resold MTS and/or MTS-type services.

The monthly period used to determine the minutes of use for resold MTS and/or MTS-type service(s) shall be the most recent monthly period for which the customer has received a bill for such resold service(s). This information shall be delivered to the Telephone Company, at a location specified by the Telephone Company, no later than 15 days after the bill date shown on the resold MTS and/or MTS-type service bill. If the required information is not received by the Telephone Company, the previously reported information, as described preceding, will be used for the next two months. For any subsequent month, no allocation or credit will be made until the required documentation is delivered to the Telephone Company by the customer.

ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.6 Resold Services (Cont'd)

3.6.3 Resale Documentation Provided By the Customer

When the customer utilizes Switched Access Services as set forth in 3.6.2 preceding, the Telephone Company may request a certified copy of the customer's resold MTS or MTS-type usage billing from either the customer or the provider of the MTS or MTS-type Service. Requests for billing will relate back no more than 12 months prior to the current billing period.

ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.6 Resold Services (Cont'd)

3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services

When the customer is provided an access group to be used in conjunction with the resale of MTS and/or MTS-type services as set forth in 3.6.1 preceding, subject to the limitations as set forth in 3.2 preceding, and the Telephone Company receives the usage information required as set forth in 3.6.2 preceding, to calculate the adjustment of Carrier Common Line Access charges, the customer will be billed as set forth in (D), (E) or (F) following, depending upon; respectively, whether the usage is from non equal access offices, equal offices or a combination of the two.

(A) Apportionment and Adjustment of Resold Minutes of Use

When the customer is provided with more than one access group in a LATA in association with the resale of MTS and/or MTS-type services, the resold minutes of use will be apportioned as follows:

(1) Originating Services

The Telephone Company will apportion the resold originating MTS and/or MTS-type services and originating minutes of use for which the resale credit adjustment applies, among the access groups. Such apportionment will be based on the relationship of the originating usage for each access group to the total originating usage for all access groups in the LATA. For purposes of administering this provision:

ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.6 Resold Services (Cont'd)

3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services (Cont'd)

(A) Apportionment and Adjustment of Resold Minutes of Use (Cont'd)

(1) Originating Services (Cont'd)

Resold originating MTS and/or MTS-type services minutes shall be only those attributable to interstate originating MTS and/or MTS-type minutes and shall not include collect, third number, credit card or intrastate minutes of use.

The resale credit adjustment shall apply for resold originating MTS and MTS-type services and minutes of use, provided Carrier Common Line and Switched Access Charges have been assessed on such services.

(2) Terminating Services

The Telephone Company will apportion the resold terminating MTS and/or MTS-type services and terminating minutes of use for which the resale credit adjustment applies, among the access groups. Such apportionment will be based on the relationship of the terminating usage for each access group to the total terminating usage for all access groups in the LATA. For purposes of administering this provision:

Resold terminating MTS and/or MTS-type services minutes shall be only those attributable to interstate terminating MTS/MTS-type (i.e., collect calls, third number calls, and credit card calls) and shall not include intrastate minutes of use or MTS/MTS-type minutes of use paid for by another party.

The resale credit adjustment shall apply for resold terminating MTS and MTS-type services and minutes of use, provided Carrier Common Line and Switched Access Charges have been assessed on such services.

ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.6 Resold Services (Cont'd)

3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services (Cont'd)

(B) Same State/Telephone Company/Exchange Limitation

In order for the rate regulations to apply as set forth in (D), (E) or (F) following, the access groups and the resold MTS and/or MTS-type services must be provided in the same state (except when the same extended area service arrangement is provided in two different states by the same telephone company) in the same exchange, provided by the same Telephone Company and connected directly or indirectly. For those exchanges that encompass more than one state, the customer shall report the information by state within the exchange.

ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.6 Resold Services (Cont'd)

3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services (Cont'd)

(C) Direct and Indirect Connections

Each of the access group arrangements used by the customer in association with the resold MTS and/or MTS-type services must be connection either directly or indirectly to the customer designated premises at which the resold MTS and/or MTS-type services are terminated. Direct connections are those arrangements where the access groups and resold MTS and/or MTS-type services are terminated at the same customer designated premises.

Indirect originating connections are those arrangements where the access groups and the resold originating MTS and/or MTS-type services are physically located at different customer designated premises in the same exchange. Such different customer designated premises are connected by facilities that permit a call to flow from access groups to resold MTS and/or MTS-type services.

Indirect terminating connections are those arrangements where the access groups and resold terminating MTS and/or MTS-type services are physically located at different customer designated premises in the same exchange. Such different customer designated premises are connected by facilities that permit a call to flow from resold terminating MTS and/or MTS-type services to access groups.

ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.6 Resold Services (Cont'd)

3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services (Cont'd)

(D) Reserved for Future Use (C)

(D)
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(D)



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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.6 Resold Services (Cont'd)

3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services (Cont'd)

(E) Access Groups - Equal Access Offices Only

When all the usage on an access group originates from and/or terminates at end offices that have been converted to equal access the Premium Access Charge per minute as set forth in 3.9 following will apply. The minutes billed Carrier Common Line Access Service charges will be the adjusted originating interstate access minutes and the adjusted terminating interstate access minutes for such access groups.

The adjusted originating access minutes will be the originating interstate access minutes less the reported resold originating MTS and/or MTS-type service minutes of use as set forth in (A)(1) preceding; but not less than zero. The adjusted terminating access minutes will be the terminating interstate access minutes less the reported resold terminating MTS and/or MTS-type service minutes of use as set forth in (A)(2) preceding; but not less than zero.

ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.6 Resold Services (Cont'd)

3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services (Cont'd)

(F) Reserved for Future Use (C)

(D)

(D)



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(T)

3. Carrier Common Line Access Service (Cont'd)

3.6 Resold Services (Cont'd)

3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services (Cont'd)

(G) When the Adjustment Will Be Applied to Customer Bills

The adjustment as set forth in (E) preceding will be made to the involved customer account no later than either the next bill date, or the one subsequent to that, depending on when the usage report is obtained. (D)

(H) Conversion of Billed Usage to Minutes

When the MTS and/or MTS-type usage is shown in hours, the number of hours shall be multiplied by 60 to develop the associated MTS and/or MTS-type minutes of use. If the MTS and/or MTS-type usage is shown in a unit that does not show hours or minutes, the customer shall provide a factor to convert the shown units to minutes.

(I) Percent Interstate Use (PIU)

The adjustment as set forth in (E) preceding will be made to the involved customer account after making the adjustments to the customer account as set forth in 2.3.10 following. (D)

3.7 Reserved

ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.8 Rate Regulations

3.8.1 Billing of Charges

Carrier Common Line charges will be billed to each Switched Access Service provided under this tariff in accordance with the regulations as set forth in 3.8.5 following (Determination of Charges) except as set forth in 3.6.4 preceding (Resale) and 3.8.4 following (PIU). (D)

3.8.2 Measuring and Recording of Call Detail

When access minutes are used to determine Carrier Common Line charges, they will be accumulated using call detail recorded by Telephone Company equipment. The Telephone Company (D)
measuring and recording equipment will be associated with end (D)
office or local tandem switching equipment and will record each originating and terminating access minute where answer supervision is received. The accumulated access minutes will be summed on a line by line basis, by line group or by end office, whichever type of account is used by the Telephone Company, for each customer and then rounded to the nearest minute.



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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.8 Rate Regulations (Cont'd)

3.8.3 Reserved for Future Use (C)

(D)
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|
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|
|
(D)

3.8.4 Percent Interstate Use (PIU)

When the customer reports interstate and intrastate use of in-service Switched Access Service, Carrier Common Line charges will be billed only to interstate Switched Access Service access minutes based on the data reported by the customer as set forth in 2.3.10 preceding (Jurisdictional Reports), except where the Telephone Company is billing according to actuals by jurisdiction. Interstate Switched Access Service access minutes will, after adjustment as set forth in 3.6.4 preceding (Resale), when necessary, be used to determine Carrier Common Line Charges as set forth in 3.8.5 following.

ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.8 Rate Regulations (Cont'd)

3.8.5 Determination of Charges (D)

After the adjustments as set forth in 3.6.4 and 3.8.4 preceding have been applied, when necessary, to Switched Access Service access minutes, charges for the involved customer account will be determined as follows:

(A) Access minutes for all premium rated Switched Access Service subject to Carrier Common Line charges will be multiplied by the Premium Access per minute rate as set forth in 3.9 following.

(D)
|
|
(D)

(B) Carrier Common Line charges shall not be reduced as set forth in 3.6.1 preceding unless Switched Access Charges, as set forth in Section 6. following, are applied to the customer's Switched Access Services. (T)

(C) Terminating Premium Access, per minute charge(s) apply to: (D)

- all terminating access minutes of use;

- All originating access minutes of use associated with Lineside BSA and FGA Access Services where the off-hook supervisory signaling is forwarded by the customer's equipment when the called party answers;



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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.8 Rate Regulations (Cont'd)

3.8.5 Determination of Charges (Cont'd) (D)

(C) (Cont'd) (T)

- all originating access minutes of use associated with calls placed to 700, Toll Free*, and 900 numbers, less those originating access minutes of use associated with calls placed to 700, Toll Free and 900 numbers for which the customer furnishes for each month a report of either the number of calls or minutes or a report of the percent of calls or minutes that terminate in a Switched Access Service that is assessed Carrier Common Line charges.

* "Toll Free" service includes any access service which utilizes the following NPA's: 800, 888, 877, 866, 855, 844, 833, and 822 as they become available to the industry.

ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.8 Rate Regulations (Cont'd)

3.8.5 Determination of Charges (Cont'd) (D)

(D) The originating Premium Access, per minute charge(s) apply to: (D)

- all originating access minutes of use;

- less those originating access minutes of use associated with Lineside BSA and FGA Access Services where the off-hook supervisory signaling is forwarded by the customer's equipment when the called party answers;

- less all originating access minutes of use associated with calls placed to 700, Toll Free, and 900 numbers;

ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.9 Rates and Charges

| Premium Access | Rate |
|---|---|
| - Terminating Per Access Minute | .000000 |
| - Originating Per Access Minute | .000000 |

(D)
|
|
(D)



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(T)
(T)

ACCESS SERVICE

## 4. End User Access Service and Presubscription

### 4.1 End User Access Service

The Telephone Company will provide End User Access Service (End User Access) to End Users who obtain local exchange service from the Telephone Company under its local general services tariff.

#### 4.1.1 General Description

End User Access provides for the use of an End User Common Line (EUCL). End User Access Service consists of End User Common Line (EUCL) Charges, Access Recovery Charges, End User Port Charges (EUPC), and Presubscribed Interexchange Carrier Charges (PICC). End Users who obtain End User Access Service are subject to the EUCL and EUPC regulations. Interexchange Carriers who furnish interstate telecommunications service to End Users are subject to the PICC regulations. End Users that do not select a Presubscribed Interexchange Carrier, as defined in 4.1.6 following, are subject to the PICC regulations, with the exception of pay telephone service providers, whose pay telephone lines are excluded from PICC regulations. (N)

#### 4.1.2 Limitations

(A) A telephone number is not provided with End User Access.

(B) Detail billing is not provided with End User Access.

(C) Directory listings are not included with End User Access.

(D) Intercept arrangements are not included with End User Access.

#### 4.1.3 Undertaking of the Telephone Company

The Telephone Company will provide use of an End User Access as follows at Subscriber Line Charge (SLC), Access Recovery Charge (ARC), End User Port Charges (EUPC), and Presubscribed Interexchange Carrier Charges (PICC) rates and charges as set forth in 4.1.7 following. (N) (N)

(A) Use of an EUCL by an End User in connection with interstate Access Services provided under this tariff. Such use will be provided when the End User obtains local exchange service.

(B) The Telephone Company will be responsible for contacts and arrangements with customers for the billing of the SLC, ARC, EUPC, and PICC. (N)

#### 4.1.4 Obligations of the Customer

(A) When the End User is a Radio Common Carrier (RCC), or a Maritime Radio Common Carrier (MRCC), it shall designate the local exchange services it is provided by the Telephone Company that are used as administrative lines.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.4 Obligations of the Customer (Cont'd)

(B) When the end user is provided with a local exchange service which is not identified as Centrex, Business or Residence service, it shall provide the Telephone Company any requested information necessary for the Telephone Company to determine the appropriate charges.

4.1.5 Payment Arrangements and Credit Allowances

(A) Minimum Period

The minimum period for which EUCL End User Access is provided to an end user and for which charges are applicable is the same as that in the local general services tariffs for the associated local telephone exchange service.

(B) Cancellation of Application

End User Access is cancelled when the order for the associated local exchange service is cancelled. No cancellation charges apply.

(C) Changes to Orders

When changes are made to orders for the local exchange service associated with End User Access, any necessary changes will be made for End User Access. No charges will apply.

(D) Allowance for Interruptions

When there is an interruption to an EUCL, requested End User Access credit allowances for interruptions will be provided as set forth for credit allowance for interruptions in Section 2.7.1.1(B)(1)(a) preceding. (T)

(E) Temporary Suspension of Service

When an End User temporarily suspends its Local Exchange Service which is associated with EUCL, the credit allowance for the SLC and the ARC is the same as that for the associated Local Exchange Service as set forth in the local general services tariffs.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.6 Rate Regulations

The End User Common Line, the Access Recovery Charge, and any applicable End User Port monthly charges will be billed to the end user of the associated local telephone exchange service. (N)

The total number of Telephone Company-provided lines and trunks, excluding pay telephone lines, for which the interexchange carrier customer has been selected as the predesignated carrier for interLATA, interstate calls, as defined in (A) following, will be multiplied by the appropriate Presubscribed Interexchange Carrier Charge (PICC) on a monthly basis and assessed to the Presubscribed Interexchange Carrier of the associated local telephone exchange service. The Telephone Company will update its PICC information on a monthly basis following the completion of its last monthly retail bill cycle. If PIC NONE, as defined in Section 4.2(E) following, is designated on any lines or trunks, the appropriate PICC will be assessed to the end user customer subscribing to the line or trunk.

The Telephone Company will make reasonable efforts to change the end user line designation to PIC NONE, as described in Section 4.2(E) following. However, if the Telephone Company is unable to accomplish the change prior to the PICC update, the Telephone Company will continue to assess the PICC to the interexchange carrier customer until the following month’s update.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.6 Rate Regulations (Cont'd)

(A) End User Common Line and Presubscribed Interexchange Carrier Charges

The designation of Primary and Non-Primary will be changed as follows: The EUCL, ARC, and PICC Residence Subscriber rate regulations are designated as either Primary or Non-Primary. The Primary rate is assessed to the residential subscriber line which is any or all of the following: (1) the only line provided at that service location; (2) the line designated as Primary by the billed party or parties at that service location when first ordering service; or (3) the first line installed at that location. Any additional residence exchange lines at the same service location, regardless of the named subscriber, will be assessed the Non-Primary rate. If the Primary line disconnects, the Non-Primary line with the greatest length of service will become the Primary line. Only one line at a service location can be classified as Primary, and all others are considered to be Non-Primary. A service location is defined as the Service Address identified by the Telephone Company using its billing and service records. (N)

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.6 Rate Regulations (Cont'd)

(A) End User Common Line and Presubscribed Interexchange Carrier Charges (Cont'd)

The Telephone Company will use its own service records in the designation of an exchange residence line as Primary or Non-Primary. Such service records typically contain Customer Class of Service, Universal Service Order Codes (USOCs), Field Identifiers (FIDs), Service Address and other information which will assist the Telephone Company in the designation.

(B) Access Recovery Charge* (N)

Customers assessed a Subscriber Line Charge as specified in Section 4.1.7(A) following will be assessed a flat-rated, monthly Access Recovery Charge (**ARC**) as specified in Section 4.1.7(E)(1) through (E)(6) following. ARCs will be billed to the associated end user or reseller of the local exchange services, with the exception of those customers who participate in the Lifeline Assistance Program. (N)

(C) For each Local Exchange Service provided as remote call forwarding residential service or remote call forwarding business service under the local general services tariffs, the SLC, ARC, and PICC rates do not apply. (T) (N)

For each local exchange service, other than local exchange service used for administrative purposes, provided to Radio Common Carriers and/or Maritime Radio Common Carriers under the local general services tariffs, the SLC, ARC, and PICC rates do not apply. (N)

* Not applicable to residence subscribers in the state of Virginia. (N)

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.6 Rate Regulations (Cont'd)

(D) For business Centrex CO and Centrex CO-like service lines or trunks and Centrex Dormitory (Residence) Service office lines or trunks installed or on order prior to July 28, 1983, the SLC, the ARC Business Centrex Subscriber rate, and the PICC rates as set forth in 4.1.7 following apply to each line or trunk. (T) (N) (T)

For Centrex Dormitory (Residence) Service dormitory (residential) lines or trunks, the SLC Residence Subscriber - Individual line or trunk rate, the ARC Primary Residence Subscriber – Individual line or trunk rate, and Primary Residential PICC rates as set forth in 4.1.7 following apply to each line or trunk. (N) (N) (T)

For each additional line or trunk, the SLC Non-Primary Residence Subscriber rate, the ARC Non-Primary Residence Subscriber rate, and the PICC Non-Primary Residence Subscriber rate apply per additional line or trunk. (N) (N) (T)

Centrex CO is a service that (1) uses a portion of a Telephone Company switch located at the Telephone Company central office to meet the customer's internal needs and serves as the customer's interface with the local and interexchange networks and (2) links the customer's main stations to the Telephone Company switch with subscriber loops.

Centrex CO-like services are services (e.g., Airport Service) that operate in a manner that is the same as Centrex CO and (1) are provided using switches located at Telephone Company central offices and (2) link customer main stations to the Telephone Company switch with subscriber loops.

Centrex Dormitory (Residential) Service is a service to a college or university or school that serves both the university college or school offices and the students or faculty dormitory (residential) quarters. Residential charges will apply to the lines or trunks that serve dormitory quarters. Multiline Business charges will apply to the lines or trunks that serve the offices. Charges shall be based on the number of dormitory lines or trunks and office lines reported to the Telephone Company by the customer.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.6 Rate Regulations (Cont'd)

(E) (D)

(D)

For business Centrex service, the End User Common Line (EUCL), the ARC Business Centrex Subscriber rate, and the Presubscribed Interexchange Carrier Charge (PICC) Individual line or trunk rates apply to each line or trunk. The application of PICC business Centrex rate is based upon the number of lines or trunks in the Centrex service.

(F) When a pay telephone service provider is provided a pay telephone line, the SLC and the ARC Multiline Business Subscriber - Individual line or trunk rates apply to each line or trunk.

(G) When an end user is provided more than one local business exchange service in a state, whether provided by the local Telephone Company, other than that specified in (C) preceding and when the local business exchange service is provided under the local general services tariffs that is not covered by (D), (E) and (F) preceding, or a company reselling the local Telephone Company's service, the SLC, the ARC, and PICC Multiline Business Subscriber-Individual line or trunk rates as set forth in 4.1.7 following apply to each such local business exchange service.

(H) When an end user is provided only a single local business exchange service in a state, whether provided by the local Telephone Company, other than that specified in (C) preceding and when the local business exchange service is provided as a multiparty service under the local general services tariffs, or a company reselling the local Telephone Company's service, the SLC, the ARC, and PICC Single Line Business Subscriber - Individual line or trunk rates as set forth in 4.1.7 following apply to each such party.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.6 Rate Regulations (Cont'd)

(I) When an end user is provided only a single local business exchange service by the Telephone Company under the local general services tariffs, or by a company reselling the local Telephone Company's service, the SLC, the ARC and PICC Multiline Business Subscriber - Individual line or trunk rates as set forth in 4.1.7 following apply to even single business service. Such local business exchange service includes any other single local business exchange service not covered in (H) preceding.

(J) Reserved. (C)

(K) When an end user is provided a local residence exchange service in a state by the same Telephone Company, other than that specified in (C) preceding and when the local residence exchange service is provided under the local general services tariffs, the SLC, the ARC, and PICC Residence Subscriber - Individual line or trunk rates as set forth in 4.1.7(A) and (F) following apply to each such local residence exchange service. Such local residence exchange service includes any other local residence service not covered in (J) preceding under the local general services tariffs.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.6 Rate Regulations (Cont'd)

(L) When an end user is provided a local residence exchange service and if the residential local exchange rate for such end user is a reduced residential local exchange rate based upon a means test that is subject to verification, the applicable SLC individual line or trunk rate in 4.1.7 following shall reduced by 100 percent, where applicable. In addition, when the end user has toll blocking, the PICC Residence Subscriber individual line or trunk will also be reduced by 100 percent. The following local residence exchange services are subject to the reduced SLC and PICC Residence Subscriber - Individual line or trunk rate: (T)

| | |
|---|---|
| District of Columbia | Economy II |
| Maryland | Tel-Life |
| Virginia | Universal Service Plan |

(M) For each local exchange service provided as Integrated Services Digital Network (ISDN) Basic Service under the general and/or local exchange service tariffs, the SLC, the ARC, and the Presubscribed Interexchange Carrier Charge (PICC) - BRI ISDN rates apply per service. ISDN Basic Service consists of two communications channels and a third channel for call control and data transmission. (T) (N) (N)

(N) For business PRI (Primary Rate Interface) ISDN (Integrated Services Digital Network) service lines, the SLC, the ARC, and PICC rates as set forth in section 4.1.7 following apply to each line. (T) (N) (T) (T)

Integrated Services Digital Network (ISDN) is an end-to-end digital telecommunications network architecture which provides for the simultaneous access, transmission and switching of voice data and image services. These functions are provided via channelized transport facilities over a limited number of standard user-network interfaces. The ISDN service consists of digital switching systems which connect Primary Rate Interface (PRI) lines to their serving central office.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.6 Rate Regulations (Cont'd)

4.1.6.1 Rate Regulations for End User Port Charge

Certain local exchange services provided under the general and/or local exchange service tariffs are subject to End User Port Charges as specified in 4.1.7 following. These services include:

- Integrated Services Digital Network (ISDN) - Basic (BRI)
- Integrated Services Digital Network (ISDN) - Primary (PRI)
- Direct Inward Dialing (DID)

4.1.6.2 Federal Universal Service Fund (FUSF) Surcharge

The Federal Universal Service Fund (FUSF) Surcharge recovers the Telephone Company's contributions to the Universal Service Support Mechanisms. Customers may certify exemption from FUSF Surcharges at the ACNA level or at the BAN level. Certification at the ACNA level will exempt all BANs under that ACNA. Certification at the BAN level will exempt only the specified BANs. FUSF Surcharge exemption certification can be completed and submitted on the Telephone Company's web site at https://www22.verizon.com/wholesale/access/systems/fusfexemption. (T) (T)

(A) Application of FUSF Surcharge to End User Access Service Charges

Customers assessed a Subscriber Line Charge as specified in Section 4.1.7(A) following will be assessed a flat-rated, monthly FUSF Surcharge as specified in Section 4.1.7(D)(1) through (D)(10) following. FUSF Surcharges will be billed to the associated end user or reseller of the local exchange services, with the exception of those customers who participate in the Lifeline Assistance Program.

Customers assessed a Presubscribed Interexchange Carrier Charge as specified in Section 4.1.7(B) following will be assessed an FUSF Surcharge on Presubscribed Interexchange Carrier Charge as set forth in Section 4.1.7(D)(13) following. Customers who participate in the Lifeline Assistance Program are not exempt from this Surcharge. The FUSF Surcharge will be determined by multiplying an FUSF Surcharge Factor, as set forth in Section 4.1.7(D)(13) following, by the Presubscribed Interexchange Carrier Charge.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.6 Rate Regulations (Cont'd)

4.1.6.2 Federal Universal Service Fund (FUSF) Surcharge (Cont'd)

(B) Application of FUSF Surcharge to Other Incidental Charges

Customers assessed Other Incidental Charges will be assessed the FUSF Surcharge on Other Incidental Charges as set forth in Section 4.1.7(D)(11) following. Customers who participate in the Lifeline Assistance Program are not exempt from this Surcharge. The FUSF Surcharge will be determined by multiplying an FUSF Surcharge Factor, as set forth in Section 4.1.7(D)(11) following, by the following applicable Other Incidental Charges: (T) (T)

- Change in Presubscription Charge as specified in Section 4.2(G) following

(C) Application of FUSF Surcharge to Special Access Services

An FUSF Surcharge will be assessed to customers who order Special Access services from this tariff. The FUSF Surcharge will be determined by multiplying an FUSF Surcharge Factor, as set forth in Section 4.1.7(D)(12) following, by the customer's interstate Special Access service monthly charges. (T)

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges

| | USOC | Monthly Rate | |
|---|---|---|---|
| (A) Subscriber Line Charge (SLC) | | | |
| (1) Residence Subscriber - Primary - Individual line or trunk, each | | | |
| District of Columbia | 9LM | $ 4.21 | (I) |
| Delaware | 9ZR11 | 6.50 | |
| Maryland | 9LM | 6.17 | (I) |
| New Jersey | 9LM | 6.50 | (I) |
| Pennsylvania | 9ZR11 | 6.39 | (I) |
| Virginia | 9LM | 6.50 | (I) |
| (2) Residence Subscriber - Non-Primary - Individual line or trunk, each | | | |
| District of Columbia | 9LMMR | 4.21 | (I) |
| Delaware | 9ZRMR | 7.00 | (I) |
| Maryland | 9LMMR | 6.17 | (I) |
| New Jersey | 9LMMR | 6.86 | (I) |
| Pennsylvania | 9ZRMR | 6.39 | (I) |
| Virginia | 9LMMR | 6.67 | (I) |
| (3) Single Line Business Subscriber - Individual line or trunk, each | | | |
| District of Columbia | 9LM | 4.21 | (I) |
| Delaware | 9ZR22 | 6.50 | |
| Maryland | 9LM | 6.17 | (I) |
| New Jersey | 9LM | 6.50 | (I) |
| Pennsylvania | 9ZR22 | 6.39 | (I) |
| Virginia | 9LM | 6.50 | (I) |

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)
4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

| | USOC | Monthly Rate | |
|---|---|---|---|
| (A) Subscriber Line Charge (SLC) (Cont'd) | | | |
| (4) Multiline Business Subscriber - Individual line or trunk, each | | | |
| District of Columbia | 9ZR | $ 4.21 | (I) |
| Delaware | 9ZR | 7.47 | (I) |
| Maryland | 9ZR | 6.17 | (I) |
| New Jersey | 9ZR | 7.07 | (I) |
| Pennsylvania | 9ZR | 6.39 | (I) |
| Virginia | 9ZR | 6.82 | (I) |
| (5) Centrex CO and CO-Like (Installed or on Order Prior to July 28, 1983) - Individual line or trunk, each | | | |
| District of Columbia | 9ZR | $ 4.21 | (I) |
| Delaware | 9ZR | 7.47 | (I) |
| Maryland | 9ZR | 6.17 | (I) |
| New Jersey | 9ZR | 7.07 | (I) |
| Pennsylvania | 9ZR | 6.39 | (I) |
| Virginia | 9ZR | 6.82 | (I) |
| (6) PRI – ISDN | | | |
| District of Columbia | 9ZRP1 | 21.05 | (I) |
| Delaware | 9ZRP1 | 37.35 | (I) |
| Maryland | 9ZRP1 | 30.85 | (I) |
| New Jersey | 9ZRP1 | 35.35 | (I) |
| Pennsylvania | 9ZRP1 | 31.95 | (I) |
| Virginia | 9ZRP1 | 34.10 | (I) |
| (7) BRI - ISDN | | | |
| District of Columbia | 9ZRB1 | 4.21 | (I) |
| Delaware | 9ZRB1 | 7.00 | (I) |
| Maryland | 9ZRB1 | 6.17 | (I) |
| New Jersey | 9ZRB1 | 6.86 | (I) |
| Pennsylvania | 9ZRB1 | 6.39 | (I) |
| Virginia | 9ZRB1 | 6.67 | (I) |

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

| | USOC | Monthly Rate | |
|---|---|---|---|
| (B) Presubscribed Interexchange Carrier Charges (PICC) | | | |
| (1) Residence Subscriber - Primary - Individual line or trunk, each | | | |
| All States | PZZ1X, PZZBX | 0.00 | |
| (2) Residence Subscriber - Non-Primary - Individual line or trunk, each | | | |
| All States | PZZ7X, PZZCX | 0.00 | |
| (3) Single Line Business Subscriber - Individual line or trunk, each | | | |
| All States | PZZ2X | 0.00 | |
| (4) Multiline Business Subscriber - Individual line or trunk, each | | | |
| All States | PZZ3X | 0.00 | |
| (5) Business Centrex (Non-ISDN) - Individual Business Centrex Service, each | | | |
| All States | | | |
| - 1 Line | PZZDX | 0.00 | |
| - 2 Lines | PZZEX | 0.00 | |
| - 3 Lines | PZZFX | 0.00 | |
| - 4 Lines | PZZGX | 0.00 | |
| - 5 Lines | PZZHX | 0.00 | |
| - 6 Lines | PZZJX | 0.00 | |
| - 7 Lines | PZZKX | 0.00 | |
| - 8 Lines | PZZLX | 0.00 | |
| - 9 Lines and over | PZZAX | 0.00 | |
| (6) PRI-ISDN Subscriber - Per Facility | PZZ9X | 0.00 | |
| (7) BRI-ISDN Subscriber - Per Facility | PZZ5X | 0.00 | (T) |

(T)

Certain material formerly appearing on this page currently appears on 3rd Revised Page 4-14.1, 8th Revised Page 4-15, and 7th Revised Page 4-16.

Certain material currently appearing on this page formerly appeared on 6th Revised Pages 4-12, 4-13, 4-16, 4-19, 4-22, 4-25, 4-28, and 4-31 and 7th Revised Pages 4-15, 4-18, 4-21, 4-24, 4-27, and 4-30.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

| | USOC | Monthly Rate | |
|---|---|---|---|
| (C) End User Port Charges | | | |
| (1) Digital Transport Facility provided as ISDN Basic Service (BRI), each service | | | |
| All States | 9PZB1 | $ 1.52 | |
| (2) Digital Transport Facility provided as ISDN Primary Service (PRI), each service | | | |
| All States | 9PZP1 | 23.43 | |
| (3) Direct Inward Dialing (DID), each line or trunk | | | |
| All States | 9PZDD | 0.70 | |
| (D) Federal Universal Service Fund (FUSF) Surcharge | | | |
| (1) Primary Residence Subscriber and Primary Residence Centrex Subscriber - Individual Line or Trunk, each | | | |
| District of Columbia | | 1.49 | (I) |
| Delaware | | 2.75 | \| |
| Maryland | | 2.06 | \| |
| New Jersey | | 2.75 | \| |
| Pennsylvania | | 2.71 | \| |
| Virginia | | 2.17 | (I) |
| (2) Single Line Business Subscriber - Individual Line or Trunk, each | | | |
| District of Columbia | | 1.49 | (I) |
| Delaware | | 2.75 | \| |
| Maryland | | 2.64 | \| |
| New Jersey | | 2.75 | \| |
| Pennsylvania | | 2.71 | \| |
| Virginia | | 2.75 | (I) |
| (3) Non-Primary Residence and Non-Primary Centrex Residence Subscriber - Individual Line or Trunk, each | | | |
| District of Columbia | | 1.49 | (I) |
| Delaware | | 2.92 | \| |
| Maryland | | 2.06 | \| |
| New Jersey | | 2.87 | \| |
| Pennsylvania | | 2.71 | \| |
| Virginia | | 2.23 | (I) |

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

| | USOC | Monthly Rate | |
|---|---|---|---|
| (D) Federal Universal Service Fund (FUSF) Surcharge (Cont'd) | | | |
| (4) BRI ISDN Subscriber<br>- ISDN Basic Service, each | | | |
| District of Columbia | | $ 2.73 | (I) |
| Delaware | | 6.37 | \| |
| Maryland | | 5.04 | \| |
| New Jersey | | 5.79 | \| |
| Pennsylvania | | 6.11 | \| |
| Virginia | | 4.03 | (I) |
| (5) PRI ISDN Subscriber<br>- Digital Transport Facility provided as ISDN Primary Service, each service | | | |
| District of Columbia | | 27.22 | (I) |
| Delaware | | 47.17 | \| |
| Maryland | | 37.03 | \| |
| New Jersey | | 42.18 | \| |
| Pennsylvania | | 44.62 | \| |
| Virginia | | 35.62 | (I) |
| (6) Multiline Business Subscriber – Other (non-PBX)<br>- Individual Line or Trunk, each | | | |
| District of Columbia | | 3.30 | (I) |
| Delaware | | 6.52 | \| |
| Maryland | | 4.90 | \| |
| New Jersey | | 5.75 | \| |
| Pennsylvania | | 5.96 | \| |
| Virginia | | 4.82 | (I) |
| (7) Multiline Business Subscriber - Payphone<br>- Individual Line or Trunk, each | | | |
| District of Columbia | | 2.41 | (I) |
| Delaware | | 3.50 | \| |
| Maryland | | 3.06 | \| |
| New Jersey | | 3.36 | \| |
| Pennsylvania | | 3.14 | \| |
| Virginia | | 3.28 | (I) |

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

| | USOC | Monthly Rate | |
|---|---|---|---|
| (D) Federal Universal Service Fund (FUSF) Surcharge (Cont'd) | | | |
| (8) Private Branch Exchange (PBX) Trunk with End User Port Charge (Direct Inward Dialing [DID]) - Individual Line or Trunk, each | | | |
| District of Columbia | | $3.62 | (I) |
| Delaware | | 6.95 | \| |
| Maryland | | 5.28 | \| |
| New Jersey | | 6.16 | \| |
| Pennsylvania | | 6.40 | \| |
| Virginia | | 5.16 | (I) |
| (9) Private Branch Exchange (PBX) Trunk without End User Port Charge (all other PBX) - Individual Line or Trunk, each | | | |
| District of Columbia | | 3.30 | (I) |
| Delaware | | 6.52 | \| |
| Maryland | | 4.90 | \| |
| New Jersey | | 5.75 | \| |
| Pennsylvania | | 5.96 | \| |
| Virginia | | 4.82 | (I) |



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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)
4.1 End User Access Service (Cont'd)
4.1.7 Rates and Charges (Cont'd)
(D) Federal Universal Service Fund (FUSF) Surcharge (Cont'd)

(10) Business Centrex Subscriber (non-ISDN) - Individual Business Centrex service, each

| # Lines | DE | NJ | PA | Rate Per Line Per Month | |
|---|---|---|---|---|---|
| 1 | $5.29 | $4.64 | $4.71 | | (I) |
| 2 | 2.65 | 2.32 | 2.35 | | |
| 3 | 1.76 | 1.55 | 1.57 | | |
| 4 | 1.32 | 1.16 | 1.18 | | |
| 5 | 1.06 | 0.93 | 0.94 | | |
| 6 | 0.88 | 0.77 | 0.78 | | |
| 7 | 0.76 | 0.66 | 0.67 | | |
| 8 | 0.66 | 0.58 | 0.59 | | |
| 9 and over | 0.59 | 0.52 | 0.52 | | (I) |

| | Monthly Rate | |
|---|---|---|
| District of Columbia | | |
| First 1 - 9 lines (Flat Rate) | $2.40 | (I) |
| 10 lines and over (Per Line) | 0.27 | (I) |
| Maryland | | |
| First 1 - 9 lines (Flat Rate) | $3.84 | (I) |
| 10 lines and over (Per Line) | 0.43 | (I) |
| Virginia | | |
| First 1 - 9 lines (Flat Rate) | $3.85 | (I) |
| 10 lines and over (Per Line) | 0.43 | (I) |

(11) FUSF Surcharge on Other Incidental Charges - All States
An FUSF Surcharge Factor of 0.334 will be applied to the Change in Presubscription Charge. (I)

(12) Special Access Services FUSF Surcharge - All States
An FUSF Surcharge Factor of 0.334 will be applied to the customer's interstate Special Access monthly charges. (I)

(13) Presubscribed Interexchange Carrier Charge FUSF Surcharge - All States

An FUSF Surcharge Factor of 0.334 will be applied to the customer's Presubscribed Interexchange Carrier Charges. (I)

(14) FUSF Surcharge on Enterprise Infrastructure Solutions - All States

An FUSF Surcharge Factor of 0.334 will be applied to certain Enterprise Infrastructure Solutions services as specified in Section 10.9.9 following. (I)

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

(E) Access Recovery Charge

| | Monthly Rate | |
|---|---|---|
| (1) Primary and Non-Primary Residence Subscriber, - Individual Line or Trunk, each | | |
| District of Columbia | $0.24 | |
| Delaware | 1.73 | (I) |
| Maryland | 0.00 | |
| New Jersey | 1.73 | (I) |
| Pennsylvania | 1.73 | (I) |
| Virginia | 0.00 | |
| (2) Single Line Business Subscriber - Individual Line or Trunk, each | | |
| District of Columbia | 0.24 | |
| Delaware | 1.73 | (I) |
| Maryland | 1.73 | (I) |
| New Jersey | 1.73 | (I) |
| Pennsylvania | 1.73 | (I) |
| Virginia | 1.73 | (I) |
| (3) Multiline Business Subscriber - Individual Line or Trunk, each | | |
| District of Columbia | 3.00 | |
| Delaware | 3.00 | |
| Maryland | 3.00 | |
| New Jersey | 3.00 | |
| Pennsylvania | 3.00 | |
| Virginia | 3.00 | |

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

(E) Access Recovery Charge (Cont'd)

| | Monthly Rate | |
|---|---|---|
| (4) Business Centrex<br>- Individual Line, each | | |
| District of Columbia | $1.03 | (I) |
| Delaware | 1.03 | (I) |
| Maryland | 1.03 | (I) |
| New Jersey | 1.03 | (I) |
| Pennsylvania | 1.03 | (I) |
| Virginia | 1.03 | (I) |
| (5) PRI - ISDN<br>- Digital Transport Facility provided as ISDN Primary Service, each service | | |
| District of Columbia | 15.00 | |
| Delaware | 15.00 | |
| Maryland | 15.00 | |
| New Jersey | 15.00 | |
| Pennsylvania | 15.00 | |
| Virginia | 15.00 | |
| (6) BRI – ISDN<br>- ISDN Basic Service, each | | |
| District of Columbia | 0.24 | |
| Delaware | 1.73 | (I) |
| Maryland | 1.73 | (I) |
| New Jersey | 1.73 | (I) |
| Pennsylvania | 1.73 | (I) |
| Virginia | 1.73 | (I) |



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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

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ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

Certain material formerly appearing on this page currently appears on 3rd Revised Page 4-14.1, 8th Revised Page 4-15, and 7th Revised Page 4-16.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

Certain material formerly appearing on this page currently appears on 16th Revised Page 4-17.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

Certain material formerly appearing on this page currently appears on 7th Revised Pages 4-12 and 4-13 and 16th Revised Page 4-14.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

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4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

Certain material formerly appearing on this page currently appears on 3rd Revised Page 4-14.1, 8th Revised Page 4-15, and 7th Revised Page 4-16.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

Certain material formerly appearing on this page currently appears on 16th Revised Page 4-17.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

Certain material formerly appearing on this page currently appears on 7th Revised Pages 4-12 and 4-13 and 16th Revised Page 4-14.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

Certain material formerly appearing on this page currently appears on 16th Revised Page 4-14 and 3rd Revised Page 4-14.1.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

Certain material formerly appearing on this page currently appears on 3rd Revised Page 4-14.1, 8th Revised Page 4-15, and 7th Revised Page 4-16.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

Certain material formerly appearing on this page currently appears on 16th Revised Page 4-17.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

Certain material formerly appearing on this page currently appears on 7th Revised Pages 4-12 and 4-13 and 16th Revised Page 4-14.

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4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

Certain material formerly appearing on this page currently appears on 16th Revised Page 4-14 and 3rd Revised Page 4-14.1.

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4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

Certain material formerly appearing on this page currently appears on 3rd Revised Page 4-14.1, 8th Revised Page 4-15, and 7th Revised Page 4-16.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

Certain material formerly appearing on this page currently appears on 16th Revised Page 4-17.

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4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

Certain material formerly appearing on this page currently appears on 7th Revised Pages 4-12 and 4-13 and 16th Revised Page 4-14.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

Certain material formerly appearing on this page currently appears on 16th Revised Page 4-14 and 3rd Revised Page 4-14.1.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

Certain material formerly appearing on this page currently appears on 3rd Revised Page 4-14.1, 8th Revised Page 4-15, and 7th Revised Page 4-16.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.1 End User Access Service (Cont'd)

4.1.7 Rates and Charges (Cont'd)

Certain material formerly appearing on this page currently appears on 16th Revised Page 4-17.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.2 Presubscription

(A) General

(1) Presubscription is a procedure whereby an end user or a Payphone Service Provider may select and designate a preferred carrier to complete interLATA and intraLATA toll calls without dialing an access code. The end user or Payphone Service Provider may designate a carrier for interLATA calls, a different carrier for intraLATA calls, or the same carrier for both, provided the carrier furnishes interLATA and intraLATA toll services. The preferred carrier chosen for intraLATA toll service will be used to carry all of the end user's intraLATA toll calls. This carrier is referred to as the end user or Payphone Service Provider's preferred intraLATA toll provider (ITP). (T)

(2) Each carrier will have one or more access codes assigned to it for various types of service. When an end user or a Payphone Service Provider selects a carrier as its preferred carrier, only one access code of that carrier may be incorporated into the switching system of the Telephone Company permitting access to that carrier by the end user or Payphone Service Provider without dialing an access code. Should the same end user or Payphone Service Provider wish to use other services of the same carrier, it will be necessary for the end user or Payphone Service Provider to dial the necessary access code(s) to reach that carrier's other service(s). (T)

(3) Carriers must use Feature Group D Switched Access Service to qualify as interLATA and intraLATA toll providers. (T)

(4) Selection of an interLATA and/or intraLATA carrier by an end user or a Payphone Service Provider is subject to the terms and conditions contained in (B) through (G) following. (T)

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.2 Presubscription (Cont'd)

(A) General (Cont'd)

(5) A nonrecurring charge, as set forth in (G) following, to process a change in Presubscription is bifurcated into four (4) separate nonrecurring charges and applies as follows: (C)

(a) A nonrecurring charge, as set forth in (G)(1)(a) following, applies when the request to change Presubscription is submitted through electronic methods without a request to change the intraLATA primary interexchange carrier (LPIC) on the same line and on the same order. (T) (C) (C)

(b) A nonrecurring charge, as set forth in (G)(1)(b) following, applies when the request to change Presubscription is submitted through manual methods without a request to change the LPIC on the same line and on the same order. (T) (C) (C)

(c) A nonrecurring charge, as set forth in (G)(2)(a) following, applies when the request to change Presubscription is submitted through electronic methods together with a request to change the LPIC on the same line and on the same order. (N)

(d) A nonrecurring charge, as set forth in (G)(2)(b) following, applies when the request to change Presubscription is submitted through manual methods together with a request to change the LPIC on the same line and on the same order. (N)

As used above, manual methods are (i) personal interaction between a customer, or a person acting on behalf of a customer, and a Telephone Company employee; and (ii) any facsimile or written submissions from a customer, or a person acting on behalf of a customer, to a Telephone Company service center. Electronic methods shall include all other methods. If a request utilizing an electronic method results in manual processing, the electronic nonrecurring charge shall apply upon completion of the request. For orders submitted electronically through customer account record exchange (CARE) transactions, a change to both the PIC and LPIC on the same line will be considered to be on the same order if it is submitted in a single CARE record for that line. (C) (C)

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.2 Presubscription (Cont'd)

(B) End User/Payphone Service Provider Choice Discrepancy

(1) When a discrepancy is determined regarding an end user or Payphone Service Provider's designation of a preferred interLATA or intraLATA toll carrier, the following applies, depending upon the situation described:

- When two or more orders are received for an end user or a Payphone Service Provider line generated by telemarketing, the date field on the mechanized record used to transmit PIC change information will be used as the PIC authorization date. The order with the latest application date determines customer choice.

- If an end user or Payphone Service Provider denies requesting a change in carrier, as submitted by an interLATA or intraLATA toll provider, the carrier will be assessed all applicable change charges. The nonrecurring change charge will apply separately to both interLATA and intraLATA toll presubscription changes and is provided in 4.2(G) following.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.2 Presubscription (Cont'd)

(C) PIC Change Options

(D)

The PIC Change Service Option provides carriers the ability to request PIC conversions resulting from mergers (acquisitions) and/or separation of operations. This service allows a carrier with an established carrier identification code (CIC) to merge with one or more carriers with a different CIC or to separate its current operation into more than one entity. The Telephone Company will change each presubscribed line from the previous carrier to the new carrier's CIC on a mass conversion basis. The PIC change charge as specified in (G) following will apply per line. This option is only available with PIC conversions resulting from mergers and/or separation activities under which the requesting carrier must provide the Telephone Company a copy of the document(s) indicating the completion of the merger/separation activities. This option is not available for presubscription changes submitted for public or semi-public pay telephones. (T)

Confirmation notification will be forwarded to the carrier via a Telephone Company Mechanized Interface using the industry standard Customer Account Record Exchange (CARE) format. CARE provides a mechanized format for the exchange of customer information between the Telephone Company and the carrier(s).

(D)
(D)



(T)
(T)

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.2 Presubscription (Cont'd)

(D) Presubscription Charge Application

(1) Reserved for Future Use (C)

(D)

(D)

(D)



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(T)
(T)

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.2 Presubscription (Cont'd)

(D) Presubscription Charge Application (Cont'd)

(2) Initial Free Presubscription Choice for New Users

New end users or Payphone Service Providers who subscribe to service, including an existing customer who orders an additional line, will be asked to select a preferred carrier when they place an order for Telephone Company Exchange Service. If a customer cannot decide upon a carrier at the time, the customer will have 30 days following completion of the service request to make a preferred carrier choice without charge. In the interim, the customer will be assigned a PIC-NONE and will have to dial an access code to make interLATA or intraLATA toll calls. The free selection period available to new end users or Payphone Service Providers is the period within thirty days of installation of the new service. (D)

Initial free selections available to new end users or Payphone Service Providers are:

(a) Designate a carrier as their preferred carrier thereby requiring no access code to access that carrier's service. Other carriers are accessed by dialing 101XXXX or other required codes.

(b) Choose no carrier as a preferred carrier thus requiring 101XXXX code dialing to access all carriers. This choice can be made by directly contacting the Telephone Company. In addition, new end users or Payphone Service Providers that do not select a preferred carrier will be assigned as PIC-NONE.

Following a new end user's or Payphone Service Provider's initial free selection, any subsequent selection made following implementation of interLATA or intraLATA toll presubscription is subject to a nonrecurring charge as set forth in (G) following.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.2 Presubscription (Cont'd)

(D) Presubscription Charge Application (Cont'd)

(3) Cancellation of InterLATA or IntraLATA Toll presubscription by a Carrier

If a carrier elects to (Z)
discontinue Trunkside BSA-101XXXX Option and Feature Group D service after the implementation of interLATA or intraLATA toll presubscription, the carrier is obligated to contact in writing all end users or Payphone Service Providers who have selected the cancelling carrier as their preferred carrier. The carrier must inform these end users or Payphone Service Providers of the cancellation, request that the end users or Payphone Service Providers select a new carrier, and state that the cancelling carrier will pay any applicable change charge.

(4) Presubscription Change Charge Billing Option

At the option of the ITP, the nonrecurring charge for a change in presubscription, as set forth in (G) following, may be billed to the ITP instead of the End User.

(a) Reverse Billing

The Reverse Billing Option is available to interLATA and intraLATA toll providers for End User-initiated PIC change orders placed at the Telephone Company's Residence or Business Service Centers. The nonrecurring (D)
charge for all of the ITP's end user-initiated PIC change orders placed at the Telephone Company's Residence or Business Service Centers will be assessed (D)
to the ITP, instead of the End User as specified in section (G) following.

The ITP must notify the Telephone Company in writing of its election to establish and/or cancel the Reverse Billing option. Establishment and/or cancellation will be effective within ten (10) business days from the date the Telephone Company receives written notification and must be in effect for a minimum of six months. The ITPs electing to participate in the Reverse Billing Option will be assessed the applicable PIC change charge (s) as specified in Section (G) following.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.2 Presubscription (Cont'd)

(D) Presubscription Charge Application (Cont'd)

(5) Unauthorized Preferred Carrier Change

An Unauthorized Preferred Carrier Change is a change in the preferred interLATA or intraLATA toll carrier that the end user or Payphone Service Provider denies authorizing.

If an end user or Payphone Service Provider denies authorizing a change in interLATA and/or intraLATA toll presubscription as submitted by the alleged unauthorized toll carrier, the alleged unauthorized toll carrier will be assessed the Presubscription Change Charge as specified in Section 4.2(G) following or the appropriate state access tariff for:

- The disputed Presubscription Change Charge billed to the end user or Payphone Service Provider, and
- The applicable Presubscription Change Charge for restoring the end user or Payphone Service Provider to its previous preferred interLATA or intraLATA toll carrier.

In accordance with the Federal Communications Commission's Slamming Liability Rules in CC Docket 94-129, if an alleged unauthorized carrier is ultimately exonerated of liability, the alleged unauthorized carrier is entitled to receive full payment from the end user or Payphone Service Provider for all services provided. In such situations, any Presubscription Change Charge assessed against the alleged unauthorized carrier by the Telephone Company are subject to rebilling to the end user or Payphone Service Provider by the alleged unauthorized carrier.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.2 Presubscription (Cont'd)

(E) PIC NONE (T)

(1) When an end user does not want to be presubscribed to any carrier, or when a carrier submits a request to remove their PIC from an end user's line, the end user will be required to dial 101XXXX or other access code (i.e., 950-XXXX) for all calls to all carriers. This line condition, designated PIC NONE, is considered a PIC change for purposes of administering the rates contained in this tariff. PIC NONE changes can only be made by the end user or by the carrier to whom the end user's line is presubscribed. (C)

(D)

(D)

(2) End User Presubscription Charges - PIC NONE (C)

Presubscription Charges, as described in (A)(5) preceding, will apply to the end user as follows:

(a) When an end user submits a request to the Telephone Company to remove the PIC from the end user's line, the applicable nonrecurring charge set forth in (G) following applies to the end user.

(b) When a carrier submits a request to the Telephone Company on behalf of the end user to remove the carrier as the end user's PIC, the carrier must inform the Telephone Company that the end user desires to have no PIC. In such cases, the applicable nonrecurring charge set forth in (G) following applies to the end user.

(c) For (E)(2)(b) preceding, the Telephone Company will verify that the end user's line is currently presubscribed to the carrier submitting the request. If the end user's line is currently presubscribed to the carrier submitting the request, then the Telephone Company will remove such carrier's PIC from the line thereby changing the end user's line PIC designation to PIC NONE. (C)

Certain material previously appearing on this page currently appears on Original Page 4-40.1

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.2 Presubscription (Cont'd)

(E) PIC NONE (Cont'd)

(3) Carrier Presubscription Charges - PIC NONE (C)

Presubscription Charges, as described in (A)(5) preceding, will apply to the carrier as follows:

(a) When a carrier submits a request to the Telephone Company on its own behalf to remove its PIC from an end user's line, the applicable nonrecurring charge set forth in (G) following applies to the carrier.

(b) For (E)(3)(a) preceding, the Telephone Company will verify that the end user's line is currently presubscribed to the carrier submitting the request. If the end user's line is currently presubscribed to the carrier submitting the request, then the Telephone Company will remove such carrier's PIC from the line thereby changing the end user's line PIC designation to PIC NONE. (C)

(4) The Telephone Company is not liable for any dispute of the change in PIC selection to PIC NONE resulting from a carrier's notification to the Telephone Company. (T) (M) (x) (M) (x) (D)

(x) Certain material currently appearing on this page previously appeared on Original Page 4-40

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.2 Presubscription (Cont'd)

(F) 1+ Coin Sent-Paid Presubscription

(1) 1+ coin sent-paid interLATA access provides the ability for the Telephone Company to route 1+ coin sent-paid interLATA traffic to the 0+ presubscribed provider directly or, to its subcontracted provider. The presubscribed provider has the option to receive both 0+ and 1+ interLATA calls originating from Telephone Company public and semipublic coin telephones, or to select one subcontracted provider per LATA to receive the 1+ coin sent-paid interLATA traffic, or it can continue to default the 1+ coin sent-paid interLATA traffic to the existing Interexchange Carrier which handles 1+ coin sent-paid interLATA calls from the Telephone Company's public pay telephones until the 0+ presubscribed provider is ready to handle such traffic. 0+ presubscribed providers choosing to either carry or subcontract 1+ coin sent-paid interLATA traffic must provide a Letter of Intent (LOI) to the Telephone Company. If the 0+ presubscribed provider does not submit a LOI indicating whether 1+ coin sent-paid interLATA traffic shall be routed to itself or to a subcontracted provider, the 1+ coin sent-paid interLATA traffic will continue to be routed to the existing 1+ coin sent-paid interLATA carrier until such time as the 0+ presubscribed provider submits a LOI followed by an Access Service Request. If the 0+ presubscribed provider subcontracts the 1+ coin sent-paid interLATA traffic, the presubscribed provider is solely responsible for all 0+ and 1+ interLATA calls originating from the Telephone Company public and semipublic coin telephones.

If the 0+ presubscribed provider subcontracts the 1+ coin sent-paid interLATA traffic, the Telephone Company must also receive a Letter of Authorization (LOA) from the 0+ presubscribed provider or the subcontracted provider, stating that the subcontracted provider agrees to accept and transport the 1+ coin sent-paid interLATA traffic, prior to routing such traffic to the subcontracted provider. If the 0+ presubscribed provider selects a subcontracted provider to handle 1+ coin sent-paid interLATA traffic, any arrangements will be solely between the presubscribed provider and its subcontracted provider.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.2 Presubscription (Cont'd)

(F) 1+ Coin Sent-Paid Presubscription (Cont'd)

(2) Where a presubscribed provider which handles 0+ interLATA traffic from the Telephone Company's public or semipublic telephone selects, on a LATA by LATA basis, a subcontracted provider to handle the 1+ coin sent-paid interLATA traffic, it shall be the sole duty and obligation of the customer to make any and all arrangements for access billing and settlement with the subcontracted provider. The Telephone Company shall be indemnified, defended and held harmless by the presubscribed provider and the subcontracted provider for any and all claims arising out of any act or omission of the presubscribed provider and/or subcontracted provider relating to access billing, settlement of arrangements and any other issue concerning the relationship between the presubscribed provider and its authorized subcontracted provider.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.2 Presubscription (Cont'd)

| | RATE | USOC | |
|---|---|---|---|
| (G) The charge for a change in Presubscription +* - per Telephone Exchange Service Line, Trunk, or Pay Telephone | | | |
| (1) When Presubscription change is requested without an LPIC change request on the same line and on the same order: | | | |
| (a) Electronically requested Presubscription | $1.25 | -- | (I) |
| (b) Manually requested Presubscription | 5.50 | -- | (I) |
| (2) When Presubscription change is requested together with an LPIC change request on the same line and on the same order: | | | |
| (a) Electronically requested Presubscription | 0.63 | -- | (R) |
| (b) Manually requested Presubscription | 2.75 | -- | (R) |

+ Where these charges are applicable to a subscriber or end user under this tariff, except as set forth in (E)(2)(b) preceding, a carrier may make arrangements with the Telephone Company to pay these charges on behalf of the subscriber or end user.

* For customers in Washington, D.C., this charge will apply separately to both interLATA and intraLATA toll presubscription changes, except when the request is to change the toll provider for both interLATA and intraLATA services at the same time, for the same line, and on the same order. In this case, a single charge will apply per line.

ACCESS SERVICE

4. End User Access Service and Presubscription (Cont'd)

4.3 Auto Transfer

(A) Auto Transfer is an option provided by the Telephone Company that will allow for the transfer of residential end users to their requested presubscribed Interexchange Carrier, when that Interexchange Carrier is an Auto Transfer participant.

When an end user establishing or changing a service accepts a transfer to their presubscribed Interexchange Carrier, the Telephone Company will transfer the end user by dialing a dedicated Toll Free* number designated by the Interexchange Carrier, and then drop off the line.

Transfers will be made only during normal Telephone Company business office hours in accordance with local scheduling.

A charge as set forth below will be assessed to the participating Interexchange Carrier for each end user call transferred to that Interexchange Carrier.

| (1) Auto Transfer | Rate | USOC |
|---|---|---|
| -per call Transferred | $0.35 | |

* "Toll Free" service includes any access service which utilizes the following NPA's: 800, 888, 877, 866, 855, 844, 833, and 822 as they become available to the industry.

ACCESS SERVICE

## 5. Ordering Options for Switched and Special Access Service

This tariff contains ordering options for Switched Access Service and Special Access Service Non-Competitive End User Channel Terminations (and associated optional features and functions). Ordering options for the other Special Access Service components needed to complete a circuit are available as described in Section 1.1 preceding. (N)

### 5.1 General

This section sets forth the regulations and order related charges for Access Orders for Switched Access and Special Access Non-Competitive End User Channel Terminations. These charges are in addition to other applicable charges as set forth in other sections of this tariff. (T) (C)

An Access Order is an order to provide the customer with Switched Access Service or Special Access Non-Competitive End User Channel Terminations or to provide changes to existing services. (C) (C)

#### 5.1.1 Ordering Conditions

A customer may order any number of services of the same type and between the same premises on a single Access Order. All details for services for a particular order must be identical except for those for multipoint service.

The customer shall provide all information necessary for the Telephone Company to provide and bill for the requested service. In addition to the order information required in 5.2 following, the customer must also provide:

- Customer name and premises address(es).
- Billing name and address (when different from customer name and address).
- Customer contact name(s) and telephone number(s) for the following provisioning activities: order negotiation, order confirmation, interactive design, installation and billing.

  Orders for Lineside BSA and Feature Group A Switched Access Service shall be in lines.

  Orders for Trunkside BSA - 950 Option and Feature Group B Switched Access Service shall be in trunks.

  The order date, which is known as the Application Date, is the date on which the Telephone Company receives a firm commitment and sufficient information from the customer to allow processing of the Access Order. The customer is advised of the critical events in the provisioning process, the Application Date, the Scheduled Issue Date, the Design Layout Report Date, the Records Issue Date, Wired and Office Tested Date, Plant Test Date and Service Date, at the time the Telephone Company gives the customer a firm confirmation. This firm order confirmation is forwarded to the customer on the date which all information to process the ASR is available.

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.1 General (Cont'd)

5.1.2 Provision of Other Services

(A) In addition to Switched and Special Access Services, other services offered under this Tariff shall be ordered with an Access Order or as set forth in (B) following. The rates and charges for these other services, as set forth in other sections of this tariff, will apply in addition to the ordering charges set forth in this section and the rates and charges for the Access Service with which they are associated.

(B) With the agreement of the Telephone Company, other services set forth in (A) preceding, may subsequently be added to the order at any time, up to and including the service date for the Access Service. When added subsequently, charges for a design change as set forth in 5.2.2(C) following will apply when an engineering review is required.

(C) Additional Engineering is not an ordering option, but will be applied to an Access Order when the Telephone Company determines that Additional Engineering is necessary to accommodate a customer request. Additional Engineering will only be required as set forth in 13.1 following. When it is required, the customer will be so notified and will be furnished with a written statement setting forth the justification for the Additional Engineering as well as an estimate of the charges. If the customer agrees to the Additional Engineering, a firm order will be established. If the customer does not want the service or facilities after being notified that Additional Engineering of Telephone Company facilities is required, the order will be withdrawn and no charges will apply. Once a firm order has been established, the total charge to the customer for the Additional Engineering may not exceed the estimated amount by more than 10%.

The regulations, rates and charges for Additional Engineering are as set forth in 13.1 following and are in addition to the regulations, rates and charges specified in this section.

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.1 General (Cont'd)

5.1.3 Special Construction

When the Telephone Company determines that the installation of service meets the guidelines of the special construction tariffs, the customer is notified and conditions are negotiated as prescribed by the special construction tariffs. A joint planning meeting between customer and the Telephone Company may be held to minimize any special construction charges.

The regulations, rates and charges for interstate special construction are set forth in the tariffs as defined in Section 1. preceding and are in addition to the regulations, rates and charges specified in this section.

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order

An Access Order is used by the Telephone Company to provide a customer Access Service as follows:

- Switched Access Services as set forth in Section 6 following,
- Special Access Services as set forth in Section 7 following, (D)
- Other Services as set forth in Section 5.1.2 preceding.

(A) When a customer requests new or additional Switched Access Services, one or more access orders may be required. The number of orders required is dependent on the type of services and/or facilities being requested.

When placing an order for service, the customer shall specify, at a minimum, information for the Entrance Facility, as described in (1) following, Direct Trunked Transport Facility, as described in (2) following, and/or Tandem Switched Transport, as described in (3) following. This information is in addition to the basic Lineside or Trunkside Switched Access Service arrangement (BSA or FG) as described in (4) and (5) following respectively.

(1) When the customer orders an Entrance Facility for Switched Access Service (as described in Section 6.1.2 following), the customer must specify the customer-designated premises and the type of facility, IEF, DS3, DS1, or Voice Grade, being requested between the customer's premises and the serving wire center (SWC) of that premises. The customer shall specify their facility terminating interface and the appropriate multiplexing options if desired at the SWC.

(2) When the customer orders Direct Trunked Transport (as described in Section 6.1.2 following) for Lineside or Trunkside Access, the customer must specify whether the Entrance Facility that interfaces with the Direct Trunked Transport facility is new or existing. If the Entrance Facility is new, the customer shall order the Entrance Facility as described in (1) preceding. If the Entrance Facility is existing, the customer shall provide the Circuit Identification of the existing facilities that will be utilized for the Direct Trunked Transport. The Entrance Facility capacity must be the same capacity as the Direct Trunked Transport or higher. The customer shall specify the type of Direct Trunked Transport facility, DS3, DS1, or Voice Grade, being requested between the SWC of the customer's premises and the end office switch and any multiplexing options desired at the end office. In addition, the customer must order Lineside or Trunkside Access at the same time as described in (4) and (5) following.

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

(A) (Cont'd)

(3) When the customer orders Tandem Switched Transport for Trunkside Access, the customer must specify whether the Entrance Facility that interfaces with the Tandem Switched Transport is new or existing. If the Entrance Facility is new, the customer shall order the Entrance Facility as described in (1) preceding. If the Entrance Facility is existing, the customer shall provide the Facility Identification of the facilities to be utilized. Tandem Switched Transport is only available with Trunkside Switched Access and must be ordered in trunks as set forth in (A)(5) following.

(4) When the customer orders FGA/Lineside Switched Access Service, the customer must have capacity available on an existing Entrance Facility and/or Direct Trunked Transport facility with compatible interfaces or request an Entrance Facility and/or Direct Trunked Transport facility as described in (1) and (2) preceding. Tandem Switched Transport is not available for FGA/Lineside Switched Access. If the Entrance Facility and/or Direct Trunked Transport facility are existing, the customer shall provide the Facility Identification of the facilities to be utilized. The customer shall also specify the number of lines and the first point of switching (i.e., dial tone office), the Switched Transport options and Local Switching options desired. In addition, the customer shall specify whether the ordered line(s) is for FX/ONAL service or MTS/WATS-type service. If the customer specifies MTS/WATS-type service, it shall also specify which lines are to be arranged in multiline hunt group arrangements and which lines are to be provided as single lines. Lineside BSA and Feature Group A service will only be provided in switch types with technical capabilities to provide terminating call screening and individualized call billing detail for both originating and terminating traffic. Existing Lineside BSA and FGA customers (Service in place prior to January 1, 1986) provided service out of offices not possessing these technical capabilities may retain their existing services and may continue to add or subtract lines. (D)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

(A) (Cont'd)

(5) When the customer orders Trunkside Switched Access Service, the customer must have capacity available on an existing Entrance Facility with a compatible interface or request an Entrance Facility as described in (1) preceding. In addition, the customer must specify if Direct Trunked Transport or Tandem Switched Transport is to be utilized. If Direct Trunked Transport is requested the customer must specify whether the Direct Trunked Transport facility is new or existing. If the Direct Trunked Transport facility is new, the customer may order the Direct Trunked Transport facility as described in (2) preceding. If the Direct Trunked Transport facility is existing, the customer shall provide the Circuit Identification of the facility to be utilized. Trunkside Switched Access utilizing Direct Trunked Transport must be ordered in trunks as set forth in (A)(2) preceding. If Tandem Switched Transport is requested, the customer may order Trunkside Switched Access in trunks as set forth in (A)(3) preceding.

For Trunkside BSA - 950 Option and Feature Group B Switched Access Service, the customer shall specify the number of trunks and the end office when Direct Trunked Transport routing to the end office is desired or the access tandem switch when Tandem Switched routing is desired via an access tandem switch and Switched Transport options and Local Switching options desired. When ordering Trunkside BSA - 950 Option and FGB trunks to an access tandem, the customer must also provide the Telephone Company an estimate of the amount of traffic it will generate to and/or from each end office subtending the access tandem to assist the Telephone Company in its own efforts to project further facility requirements. In addition, the customer shall also specify for terminating only access whether the trunks are to be arranged in trunk group arrangements or provided as single trunks. The basic traffic type must also be specified using the same categories as described in 6.1.1(H) following, to enable efficient provisioning and billing functions.

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

- For Trunkside BSA-101XXXX Option and Feature Group D Switched Access Service, the customer shall specify the number of trunks desired between their premises and an entry switch. The customer must also provide the Telephone Company an estimate of the amount of traffic it will generate to and/or from each end office subtending the access tandem or entry switch to assist the Telephone Company in its own efforts to project future facility requirements. When service is ordered to an access tandem, the guidelines as specified in 6.6.2 apply. This information is used to determine the number of transmission paths as set forth in 6.6.5 following. The basic traffic type must also be specified using the same categories as described in 6.1.1(H) following, to enable provisioning and billing functions. (D)

- For Trunkside BSA-101XXXX Option and Feature Group D Switched Access Service with out of band signaling, in addition to information listed in 5.2 preceding, the customer shall specify a reference to existing out of band signaling connections or reference to a related signaling connection order in 6.2.8 following. The customer must also provide any out of band signaling Local Switching options. When ordering trunks with out of band signaling, the customer shall provide STP point codes and location identifier codes, circuit identification codes and switch type. In addition, the customer shall also specify, for out of band signaling connections the level of diversity in its network as defined in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, and in Technical Reference GR-905-CORE, Issue 11.

- For Trunkside BSA-101XXXX Option and Feature Group D with out of band signaling, the customer shall work cooperatively with the Telephone Company to determine the number of out of band signaling connections required to handle its signaling traffic.

- For Billing Validation Service, in addition to information listed in 5.2 preceding, the customer shall specify a reference to existing out of band signaling connections in the LATA where the LIDB SCP is located or a reference to a related signaling connection order in 6.2.8 following. Customers ordering Billing Validation Service must identify all operator and other related switches (i.e., STP, SP), via point codes and location identifier codes, that will access the Telephone Company LIDB SCP.

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

In addition, the customer shall also specify, for out of band signaling connections the level of diversity in its network as defined in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, and in Technical Reference GR-905-CORE, Issue 11. Customers ordering Billing Validation Service are subject to the requirements specified in 2.3.9, 2.3.10(A)(4), and 2.3.10(A)(8).

- For Billing Validation Service, the customer shall work cooperatively with the Telephone Company to determine the number of out of band signaling connections required to handle the signaling for Billing Validation Service.

- When the office to which the customer is ordering service is a remote switching system (RSS) or remote switching module (RSM), the customer must also specify the end office that serves as the host switch for the RSS or RSM.

- When a customer orders Trunkside BSA-101XXXX Option or FGD, the customer is responsible to assure that sufficient access facilities have been ordered to handle its traffic.

- Non-Competitive End User Channel Termination connections with other network services, such as WATS Access Connection (WAC) may be ordered separately by a customer other than the customer which orders the Switched Access Service. (C)

- For the WATS Access Connection (WAC), used for the provision of WATS Access Line Service which provides transmission of interstate or international traffic (only in conjunction with Trunkside BSA-101XXXX Option and Feature Group D service), the customer shall specify the premises at which the WAC terminates, the type of line (i.e., two wire or four wire), the type of calling, (i.e., originating or terminating), the desired type of Code Screening (i.e., bound or unbound), the Network Channel Interface, the Technical Specifications Package, and any other service options. For WATS Access Line Service combined with Lineside BSA, Trunkside BSA - 950 Option, Feature Group A, or Feature Group B, when the end user's serving wire center is not a WSO or, if there is not sufficient capacity in the WSO, the Telephone Company will use the nearest WSO where capacity exists. For WATS Access Line Service combined with Trunkside BSA- 101XXXX Option or Feature Group D, when the customer's premises is not served by a Feature Group D office, the Telephone Company will use the nearest Trunkside BSA-101XXXX Option or Feature Group D office to provide service. Certain Trunkside BSA-101XXXX Option and Feature Group D offices, i.e., DMS 10 and #5ESS, do not have the WATS capability. The Telephone Company will use the nearest equipped Trunkside BSA-101XXXX Option or Feature Group D office to provide the service. The customer will be notified of the change and order modification charges will not apply.

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

- When the Switched 56 (S56) Kilobit Service option, described in 6.3.2.3(A) following, is ordered for use with Trunkside BSA- 101XXXX Option and Feature Group D service, the customer must specify the office where the Switched 56 Kilobit Service function is to be provided. Switched 56 Kilobit Service is available only in Telephone Company designated end offices. Trunkside BSA- 101XXXX Option and Feature Group D trunks used for Switched 56 Kilobits Service are dedicated to carrying only Switched 56 Kilobit Service traffic and is ordered directly to the Switched 56 Kilobit Service end office. Switched 56 Kilobit Service trunks may be originating only, terminating only, or two way. (D)

(D)

ACCESS SERVICE

5.2 Access Order (Cont'd)

For Dedicated Network Access Links (DNALs), the customer must specify the customer premises involved, the type of DNAL (e.g., Metallic or Voice Grade), the channel interface, technical specifications package and options desired, and the Percent Interstate Usage (PIU)(DNAL PIU must be the same as the Lineside BSA PIU which utilizes the DNAL), in accordance with section 2.3.10, preceding.

Trunkside BSA-101XXXX Option and Switched Access Service FGD Services may be used to carry calls originated from a Telecommunication Relay Service (TRS) Center. Customers using their access service to carry TRS Center originated traffic may use existing tandem routed facilities, as specified preceding, or order a separate Trunkside BSA-101XXXX Option or Switched Access Service FGD Service to the tandem switch which serves the TRS Center.

In order to use existing Trunkside BSA-101XXXX Option or existing FGD facilities, the customer must place an order with the Telephone Company specifying which trunks will route TRS traffic. Existing facilities may be used only when such facilities terminate in the access tandem which serves the TRS Center.

ACCESS SERVICE

5.2 Access Order (Cont'd)

- 1+900 Access Service may be ordered on a Direct-Trunked Transport connection (only to equal access end offices with six digit translation capability), or via a Tandem Switched connection to an access tandem, at the option of the customer.

  For 1+900 Access Service, when the customer requires a separate trunk group for conventional signaling between the equal access tandem and the customer serving wire center, 1+900 Access Service traffic will be delivered via a separate 1+900 trunk or trunk group.

  500 Access and 1+900 Access Service are ordered on a statewide or LATA basis. Calls originating in a LATA in which the customer has not ordered 500 Access or 1+900 Access Service NXX codes activated will be blocked.

  0+900 Access Service is available on a per office basis, only when combined with 1+900 Access Service in those LATAs and for activated NXXs, where the customer has ordered 1+900 Access Service.

- For Directory Assistance Service, the customer shall specify the number of trunks from the customer's premises to the Directory Assistance location. If the Directory Assistance Service is to be combined with a Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, Feature Group B or D Switched Access Service, the customer shall also specify which Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, Feature Group B or D Switched Access Service trunk group is to be associated with the Directory Assistance Service. This information is used to determine the number of transmission paths as set forth in 9.2(E)(3) following. The customer then specifies the Directory Transport options. (D) | | (D)

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

- For Non-Competitive End User Channel Terminations, the customer must specify the customer premises or Hubs involved, the type of service (e.g. Voice Grade, High Capacity, etc.), the channel interface, technical specification package and options desired, and the Percent Interstate Usage (PIU) as greater than or less than 10%, in accordance with Section 2.3.12, preceding. For multipoint services, the channel interface at each premises may, at the request of the customer, be different; but all such interfaces shall be compatible. For multiplexed High Capacity systems ordered to Facility Hubs, the customer must designate Hubs, specify Connecting Facility Assignment (CFA), and control channel assignment and routing of the subtending services. Voice Grade services that are ordered with compatible digital interfaces but without channel and assignment data will be provisioned, where facilities permit, on Telephone Company DS1 facilities inventory. (C) (C) (D) (D) (D)

- When establishing Non-Competitive End User Channel Terminations under a Shared Network Arrangement, the Host Subscriber and the Service User must coordinate with each other the design, testing and maintenance of the service; additionally, the service user must provide to the Telephone Company the Connecting Facility Assignment (CFA) and the High Capacity Billing Account Number (HBAN) of the Host Subscriber. (C)

  Upon receipt of an ASR with the required fields populated indicating a signed letter of authorization exists for a Shared Network Arrangement from the Host Subscriber, the Telephone Company will undertake to connect the Service User's circuits to the Host's service and to establish and maintain separate billing for the Service User's portion of the service. In the event that the Service User's is requesting a subtending circuit from a Host Subscriber's multiplexer which is, in term, part of a separate Shared Network Arrangement with a third-party Host (a cascading Shared Network Arrangement), the Service User must also obtain and provide to the Telephone Company the appropriate HBAN and CFA of the third-party Host, in order to identify the complete circuit for purposes of maintenance and testing continuity.

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

- When the Shared Network Arrangement is requested for a service that will be provided over a Host Customer's DSR that is equipped with the Customer Service Management (CSM) optional feature as set forth in Section 23.1(K)(1) following, the Service User's Letter of Authorization must also include an acknowledgment that the Host Customer has the ability to perform CSM functions (e.g., reconfiguration) on the portion of the Service User's service that rides the DSR.

- When the Shared Network Arrangement is requested for a service that will be provided over a Host Customer's DSR that is equipped with the Direct TL1 Monitoring (DTM) optional feature as set forth in Section 23.1(K)(2) following, the Service User's Letter of Authorization must also include an acknowledgment that the Host Customer has the ability to perform DTM functions (e.g., monitoring) on the portion of the Service User's service that rides the DSR.

- For Verizon Dedicated SONET Ring (DSR), the Telephone Company will construct the customer's dedicated ring prior to issuance of an Access Service Request (ASR). The customer must provide the Telephone Company with complete and accurate information to design and construct the customer's dedicated ring. Construction will not begin until the customer and the Telephone Company agree on the design of the ring. The order date for the ring is the date on which the customer provides the Telephone Company with written or electronic authorization to begin construction. Upon subsequent notification by the Telephone Company that construction is complete, the customer must submit an ASR for the constructed service so that billing may commence. In the event that the customer cancels its request, or part of its request, for construction of the ring, or fails to subsequently issue the ASR so that billing of the constructed ring may commence, cancellation charges as set forth in 5.2.3(B)(4) following will apply. (D)

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

- In addition to ordering access service in trunks for Trunkside BSA-101XXXX Option and Feature Group D, customers may order initial Trunkside BSA-101XXXX Option and Feature Group D access service by specifying a percent of market share in lieu of an estimated number of trunks.

  Percent of market share ordering is only allowable when submitting an initial order for Trunkside BSA-101XXXX Option and Feature Group D service in an end office scheduled for equal access conversion. Percent of market share cannot be used to order service in an end office already converted to equal access, nor can it be used to add or delete capacity for an existing service even if such service was initially ordered on a percent of market share basis.

  The Telephone Company, upon receipt of an access order specifying percent of market share, will convert such customer projected market share, into the number of trunks to be provided for service. The derived number of trunks figure will be used to compute any applicable per trunk charges as specified in 6.9 following.

  Percent of market share is expressed as a whole number percentage.

  The Telephone Company will apply the percent market share supplied by the customer to the Telephone Company's computation of current total interLATA load in the existing toll busy hour. The Telephone Company will use standard engineering methods to determine whether to establish direct final trunk groups or direct high usage trunk groups with overflow to an equal access tandem. The quantity of direct final or tandem trunks will be determined using Neal-Wilkinson trunk Capacity Tables.

  The serving arrangement with trunk quantities will be communicated to the customer for concurrence.

  The Telephone Company will not be held responsible for any injury to the customer, including service deficiencies and over- provisioning, resulting from establishment of access service utilizing the percent market share ordering option.

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

- Toll Free** Data Base Access Service as well as vertical features may be ordered via direct access to the centralized data base system [i.e., the Service Management System (SMS)] or via a Responsible Organization (RESP ORG) that has access to the SMS*. Access to the SMS may be via dial-up terminal access, dedicated terminal access, or mechanized generic interface access. Access to the SMS is provided for under a separate tariff filing (i.e., the Toll Free NASC/SMS Functions Tariff), and may be arranged through the Toll Free Number Administration Service Center (Toll Free NASC).

- Service Provider Number Portability Database Service (SPNP)

  For SPNP Database Service, customers must provide initial estimates of total annual call volumes, including busy hour query volume. The Telephone Company will utilize this information in its effort to project further facility requirements.

* The Service Management System is the main operations support system of Toll Free Data Base Service. It is used to create and update subscriber Toll Free records that are then downloaded to SCPs for handling subscriber's Toll Free calls. The system is also used to reserve and assign Toll Free numbers.

** "Toll Free" service includes any access service which utilizes the following NPA's: 800, 888, 877, 866, 855, 844, 833, and 822 as they become available to the industry.

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

To estimate the amount of traffic to be generated to or from each end office subtending the entry switch or tandem, the BHMC may be determined by the customer in the following manner. For each day the customer shall determine the highest number of minutes of use for a single hour (e.g., 55 minutes in the 10-11 AM hour). The customer shall, for the same hour period (i.e. busy hour) pick the twenty consecutive business days in a calendar year which add up to the largest number of minutes of use. Both originating and terminating minutes shall be included. The customer shall then determine the average busy hour minutes of capacity (i.e. BHMC) by dividing the largest number of minutes of use figure for the same hour period for the consecutive twenty business day period by 20. This computation shall be performed for each end office subtending an entry switch or tandem to which service is ordered. When Switched Access Service is ordered in trunks, the trunks may be determined by the customer in the following manner. For each day the customer shall determine the highest number of trunks in use for a single hour. The customer shall, for the same hour period (i.e., busy hour), pick the twenty consecutive business days in a calendar year which add up to the largest number of trunks in use. The customer shall then determine the average busy hour trunks by dividing the largest number of trunks in use figure, for the same hour period, for the consecutive twenty business day period by 20. This computation shall be performed for each end office and/or access tandem the customer wishes to serve.

Where the Non-Competitive End User Channel Termination is exempt from the Special Access Surcharge as set forth in Section 7.4.2, following, the customer shall furnish with the order the certification as set forth in Section 7.4.2, following. (C)

5.2.1 Access Order Service Date Intervals

Access Service is provided with one of the following Service Date Intervals:

- Standard Interval
- Negotiated Interval

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.1 Access Order Service Date Intervals (Cont'd)

To the extent the Access Service can be made available with reasonable effort, the Telephone Company will provide the Access Service in accordance with the customer's requested interval, subject to the following conditions:

(A) Standard Interval

The Telephone Company shall publish or make available to requesting customers a schedule of Standard Intervals applicable for Switched and Special Access Services. The schedule specifies the services and the quantities of services that can be provided in the Standard Intervals. Individual copies of the "Verizon Schedule of Standard Intervals" will be made available to customers upon request. (T) (C)

Access Services provided in a Standard Interval will be installed during Telephone Company business days. If a customer requests that installation be done outside of scheduled work hours, and the Telephone Company agrees to this request, the customer will be subject to applicable Additional Labor Charges as set forth in 13.2.6 following.

(B) Negotiated Interval

The Telephone Company will negotiate a Service Date interval with the customer when:

(1) There is no Standard Interval for the service, or

(2) The customer requests a Service Date before or beyond the applicable Standard Interval Service Date, or

(3) The quantity of Access Services ordered exceeds the quantities specified in the Standard Intervals.

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.1 Access Order Service Date Intervals (Cont'd)

(B) Negotiated Interval (Cont'd)

The Telephone Company will offer a Service Date based on the type and quantity of Access Services the customer has requested. The Negotiated Interval may not exceed by more than six months the Standard Interval Service Date, or, when there is no Standard Interval, the Telephone Company offered Service Date.

(D)
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(D)

All services for which rates are applied on an individual case basis are provided with a Negotiated Interval.

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.2 Access Order Modifications

The customer may request a modification of its Access Order at any time prior to notification by the Telephone Company that service is available for the customer's use or prior to the Service Date, whichever occurs first. The Telephone Company will endeavor to accommodate a requested modification when it is able to do so with the normal work force assigned to complete such an order within normal business hours. If the modification cannot be made with the normal work force during normal business hours, the Telephone Company will notify the customer. If the customer still desires the Access Order modification, the Telephone Company will schedule a new Service Date. All charges for Access Order modifications will apply on a per occurrence basis. (C) | | (C)

Any increase in the number of Special Access Service Non-Competitive End User Channel Terminations, Switched Access Service lines, trunks, Switched Transport facilities, or out of band signaling connections will be treated as a new Access Order (for the increased amount only). (C) (C)

If order modifications are necessary to satisfy the transmission performance for a Special Access Service Non-Competitive End User Channel Termination ordered by a customer, these changes will be made without order modification charges being incurred by the customer. (C) (C)

(A) Service Date Change Charge

(1) For Special Access Service Non-Competitive End User Channel Terminations, Access Order Service Dates for the installation of new services, but the new Service Date may not exceed the original Service Date by more than 30 calendar days except as specified following. When, for any reason, a customer or a customer’s end user indicates that service cannot be accepted for a period not to exceed 30 calendar days, and the Telephone Company accordingly delays the start of service, a Service Date Change Charge will apply. (C) (C) (D)

If a customer or a customer’s end user is unable to accept service within 30 calendar days of the original Service Date, the customer may elect one of the following options:

(a) the customer may take no action, and the order will be cancelled by the Telephone Company on the 31st day with the appropriate Cancellation Charge as set forth in 5.2.3 following applied; or

(b) the customer may choose to commence billing for the service on the 31st day.

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.2 Access Order Modifications (Cont'd)

(A) Service Date Change Charge (Cont'd)

(1) (Cont'd)

When a customer chooses the option to commence billing for the service on the 31st day, the customer must place an Access Order Modification to the existing Access Order prior to the 31st calendar day after the original service date to request a new service date. The new service date may not exceed the original service date by more than 120 calendar days. A Service Date Change Charge will not apply for such service date change; however, if subsequent additional service date changes are requested after calendar day 31, the Service Date Change Charge will apply, per request. (N)

When a customer chooses the option to commence billing for the service on the 31st day, monthly recurring charges for the service will begin accruing at calendar day 31 after the original service date. The initial or subsequent bill for the service will include these accrued charges and any applicable nonrecurring charges in addition to billable charges specified in Section 2.4.1(B) preceding.

If the customer requested service date is more than 120 calendar days after the original service date, or if the customer or the customer's end user is unable to accept the service within 120 calendar days of the original service date, the order will be cancelled by the Telephone Company on the 121st day. In the event of any such cancellation, or if the customer cancels the order after the 30th day, the customer will be billed the accrued monthly recurring charges specified preceding plus any applicable nonrecurring charges. These charges will be computed commencing at day 31 after the original service date up to and including the cancellation date. The customer will be responsible for applicable minimum period and termination liability charges. (N)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.2 Access Order Modifications (Cont'd)

(A) Service Date Change Charge (Cont'd)

(2) For services other than Special Access Services, Access Order service dates for the installation of new services or rearrangements of existing services may be changed, but the new service date may not exceed the original service date by more than 30 calendar days. When, for any reason, the customer indicates that service cannot be accepted for a period not to exceed 30 calendar days, and the Telephone Company accordingly delays the start of service, a Service Date Change Charge will apply. (C)(x) (M)

If the customer requested service date is more than 30 calendar days after the original service date, or if the customer or the customer's end user is unable to accept Access Service within 30 calendar days of the original service date, the order will be cancelled by the Telephone Company on the 31st day with the appropriate Cancellation Charge as set forth in 5.2.3 following applied. (M) (D)(x)

(x) Certain material on this page formerly appeared on Original Page 5-18.

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.2 Access Order Modifications (Cont'd)

(A) Service Date Change Charge (Cont'd)

(3) A new Service Date may be established that is prior to the original standard or negotiated interval Service Date if the Telephone Company determines it can accommodate the customer's request without delaying Service Dates for orders of other customers. If the Service Date is changed to an earlier date, the customer will be notified by the Telephone Company that a Special Handling Charge as set forth in (D) following will apply. Such charges will apply in addition to the Service Date Change Charge.

(4) Except as otherwise specified in (A)(1) preceding, a Service Date Change Charge will apply, on a per order per occurrence basis, for each Service Date changed.

When a Special Access Service is provided entirely or in part under this tariff, the Service Date Change Charge under this tariff will apply. (N) | (N)

The applicable charge is:

| | USOC OMC | Charge | |
|---|---|---|---|
| Service Date Change Charge, Special Access Service, per order | | | |
| Price Cap | | $150.00 | (D) |
| All other services, per order | | 150.00 | |

(B) Partial Cancellation Charge

Any decrease in the number of ordered Non-Competitive End User Channel Terminations, Switched Access Service lines, trunks, or out of band signaling connections (OBSC) ordered will be treated as a partial cancellation and the charges as set forth in 5.2.3(B) following will apply. (C) (C)

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.2 Access Order Modifications (Cont'd)

(C) Design Change Charges

The customer may request a design change to the service ordered. A design change is any change to an Access Order which requires engineering review. An engineering review is a review by the Telephone Company, of the service ordered and the requested changes to determine what change in the design, if any, are necessary to meet the changes requested by the customer. Design changes include such things as the addition or deletion of optional features or functions or a change in the type of Transport Termination (Switched Access only), type of channel interface, type of Interface Group or technical specification package. Design changes do not include a change of customer premises, end user premises, end office switch, Feature Group, Lineside BSA, Trunkside BSA, Switched Transport facilities, or Non-Competitive End User Channel Terminations type. Changes of this nature will require the issuance of a new order and the cancellation of the original order with appropriate cancellation charges applied. (C) (C)

The Telephone Company will review the requested change to determine if it can be accommodated and if a new Service Date is required. The Design Change Charge will apply on a per order, per occurrence basis, for each order requiring a design change. The applicable charge is:

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.2 Access Order Modifications (Cont'd)

(C) Design Change Charges (Cont'd)

When a Special Access Service is provided entirely or in part under this tariff, the Design Change Charge under this tariff will apply. (N) | (N)

| | USOC | Charge | |
|---|---|---|---|
| Design Change Charges, Special Access Service, per order | | | |
| Price Cap | H28 | $150.00 | (D) |
| All other services, per order | H28 | 150.00 | |

If a change of Service Date is required, the Service Date Change Charge as set forth in (A) preceding will also apply.

(D) Special Handling Charge

A Special Handling Charge will apply when a customer requests a Service Date that is earlier than the Standard Interval Service Date for the Access Service ordered. A customer may also request an earlier Service Date on negotiated interval Access orders.

The request for an earlier Service Date may be received from the customer prior to the issuance of an Access order, or after the Access order has been issued but prior to the Service Date.

The Telephone Company maintains exclusive right to accept or deny the request to expedite. If, upon reviewing availability of equipment and scheduled work load, the Telephone Company agrees to provide service on an expedited basis and the customer accepts this proposal, a Special Handling Charge will apply.

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.2 Access Order Modifications (Cont'd)

(D) Special Handling Charge (Cont'd)

If the Telephone Company is subsequently unable to meet an agreed upon expedited service date, then the Special Handling Charge will not apply.

In the event that the Telephone Company provides service on an expedited basis by customer request and the customer then delays service, an additional Service Date Change Charge beyond that specified in 5.2.2(A) preceding will be applied.

In the event that the customer cancels an expedite request, the Special Handling Charge will be added to the Cancellation Charge specified above.

A Special Handling Charge will not be applied to orders expedited for Telephone Company reasons.

If costs other than additional administrative expenses are to be incurred when Access order is expedited, the regulations, rates and charges for interstate special construction are as set forth in the tariffs as defined in Section 1, preceding.

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.2 Access Order Modifications (Cont'd)

(D) Special Handling Charge (Cont'd)

When a Special Access Service is provided entirely or in part under this tariff, the Special Handling Charge under this tariff will apply. (N) | (N)

The nonrecurring Special Handling Charge to be applied to all Switched and Special Access orders processed on an expedited basis is as follows:

| | USOC | Charge | |
|---|---|---|---|
| Special Handling Charge, Special Access Service Price Cap | EOD | $557.00 | (D) |
| All other services, per order | | 557.00 | |

The Special Handling Charge will be billed in addition to the normal nonrecurring Access service charge and will be applied on a per order per occurrence basis.

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.3 Cancellation of an Access Order

(A) A customer may cancel an Access Order for the installation of service at any time prior to notification by the Telephone Company that service is available for the customer's use. The cancellation date is the date the Telephone Company receives written or verbal notice from the customer that the order is to be cancelled. The verbal notice must be followed by written confirmation within 10 days.

Subject to Section 5.2.2 preceding, a customer may negotiate an extension of a service date of an Access Order for installation of new services or rearrangements of existing services. (C)

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(D)

Costs incurred in conjunction with the provision of Switched or Special Access Service start on the Application Date as defined in (B)(2) following.

When the customer cancels an Access Order prior to being notified of the critical events in the Provisioning Process, as defined in (B)(2) following, no charges shall apply.

(B) Applicable charges are based on the amount of provisioning completed by the Telephone Company at the time the order is cancelled. The charges are determined based on the following:

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.3 Cancellation of an Access Order (Cont'd)

(B) (Cont'd)

(1) Certain Telephone Company critical dates are associated with an Access Order provisioning interval, whether Standard or Negotiated. These dates are used by the Telephone Company to monitor the progress of the provisioning process. At any point in the Access Order provisioning interval the Telephone Company is able to determine which critical date was last completed and can thus determine what percentage of the Telephone Company's nonrecurring charge has been incurred.

(2) The critical dates tracked by the Telephone Company are as follows:

- Application Date (APP): The date the customer provides a firm commitment and sufficient information as detailed in 5.1 preceding to the Telephone Company. This is also the order date.

- Scheduled Issue Date (SID): The date that the order is to be entered in the Telephone Company's order distribution system.

- Design Layout Report Date (DLRD): The date the Design Layout Report (DLR) is to be forwarded to the customer. In the case of "Routing/Translation only"* orders, this date occurs when all necessary network design and layout information has been passed to the Translation Writing Organization.

- Records Issue Date (RID): The date that all design and assignment information is to be sent to the central office and installation forces.

* Trunk Routing/Switch Translation (R/T) installation orders are those that require translations software changes only. Routing/Translation software installation includes, but is not limited to, Toll Free/900 NNX code changes.

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.3 Cancellation of an Access Order (Cont'd)

(B) (Cont'd)

(2) (Cont'd)

- Wired and Office Tested Date (WOT): The date by which all intraoffice wiring is to be completed, all plug-ins optioned, aligned, and frame continuity established, and the interoffice facilities, if applicable, tested. In addition, switching equipment, is to be installed and tested and all translations loaded and checked.

- Plant Test Date (PTD): The date on which overall testing of the service is to be started. In the case of "Routing/Translation only" *orders, this date is when all individual office tests of the translations are completed.

- Service Date (DD): The date on which service is to be made available to the customer. This is sometimes referred to as the Due Date.

(3) The amount of the total provisioning completed by the Telephone Company at a particular critical date varies by the type of service shown as following:

* Trunk Routing/Switch Translation (R/T) installation orders are those that require translations software changes only. Routing/Translation software installation includes, but is not limited to, Toll Free/900 NXX Code Changes.

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.3 Cancellation of an Access Order (Cont'd)

(B) (Cont'd)

(3) (Cont'd)

| | APP | SID | DLRD | RID | WOT | PTD | |
|---|---|---|---|---|---|---|---|
| FGA[1] | 0% | 9% | 19% | 37% | 100% | 100% | |
| FGB[2] | 0% | 8% | 17% | 32% | 100% | 100% | |
| FGD[4] | 0% | 7% | 18% | 32% | 100% | 100% | |
| CCSAS | 0% | 7% | 18% | 32% | 100% | 100% | |
| OTS | 0% | 7% | 18% | 32% | 100% | 100% | |
| R/T* | 0% | 20% | 50% | 75% | 90% | 100% | |
| MT DNAL | 0% | 22% | 39% | 39% | 68% | 100% | |
| S56 | 0% | 7% | 18% | 32% | 100% | 100% | |
| VG[6] | 0% | 8% | 17% | 17% | 74% | 100% | |
| WAC | 0% | 7% | 18% | 32% | 100% | 100% | |
| | | | | | | | (D) |
| | | | | | | | (D) |
| DA | 0% | 10% | 21% | 21% | 70% | 100% | |
| HC | 0% | 6% | 21% | 21% | 74% | 100% | |

1 and Lineside BSA
2 and Trunkside BSA - 950 Option
4 and Trunkside BSA-101XXXX Option
6 and Voice Grade DNAL

* Trunk Routing/Switch Translation (R/T) installation orders are those that require translations software changes only. Routing/Translation Software installation includes, but is not limited to, 900 NXX code changes.

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.3 Cancellation of an Access Order (Cont'd)

(B) (Cont'd)

(4) When a customer cancels an Access Order, or part of an Access Order, before the Service Date, the Telephone Company will apply cancellation charges to the order, unless the order is cancelled because the Telephone Company missed the Service Date.

When a Special Access Service is provided entirely or in part under this tariff, the Cancellation Charges under this tariff will apply. (N) (N)

Charges for the cancellation of a service are based on the amount of provisioning completed at the time of the request to cancel: (D)

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(D)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.3 Cancellation of an Access Order (Cont'd)

(B) (Cont'd)

(4) (Cont'd)

- When a customer cancels the order or part of the order for its dedicated ring on the sixty-first (61st) day following written or electronic notification to the Telephone Company to begin construction of the ring, up to the date of notification that construction of the ring is complete, or the Access Service Request (ASR) is issued, whichever occurs first, cancellation charges as set forth following will apply. If the customer cancels the order, or part of the order, after construction is complete or the ASR is issued, minimum period charges and termination liability also apply. (M) (M) (T) (T) (M) (M) (M) (M)

Cancellation charges for each service at each critical date are as follows: (M) (M)

Material now appearing on this page formerly appeared on Pages 5-12.1 and 5-28.

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)
5.2 Access Order (Cont'd)
5.2.3 Cancellation of an Access Order (Cont'd)
(B) (Cont'd)
(4) (Cont'd)

| | APP | SID | DLRD | RID | WOT | PTD | |
|---|---|---|---|---|---|---|---|
| FGA[1] | $0 | $75.00 | $187.50 | $375.00 | $562.50 | $750.00 | |
| FGB[2] | $0 | $75.00 | $187.50 | $375.00 | $562.50 | $750.00 | |
| FGD[4] | $0 | $75.00 | $187.50 | $375.00 | $562.50 | $750.00 | |
| CCSAS | $0 | $75.00 | $187.50 | $375.00 | $562.50 | $750.00 | (D) |
| OTS | $0 | $75.00 | $187.50 | $375.00 | $562.50 | $750.00 | |
| R/T | $0 | $70.00 | $175.00 | $262.50 | $315.00 | $350.00 | |
| S56 | $0 | $75.00 | $187.50 | $375.00 | $562.50 | $750.00 | |
| DA | $0 | $75.00 | $187.50 | $375.00 | $562.50 | $750.00 | |
| MT DNAL | $0 | $20.00 | $50.00 | $100.00 | $150.00 | $200.00 | (D) |
| VG[6] | $0 | $75.00 | $187.50 | $375.00 | $562.50 | $750.00 | (D) (D) |
| WAC | $0 | $70.00 | $175.00 | $350.00 | $525.00 | $700.00 | (T) (D) (D) (D) (D) (D) |

1 and Lineside BSA
2 and Trunkside BSA - 950 Option (D)
4 and Trunkside BSA-101XXXX Option
6 and Voice Grade DNAL (D)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.3 Cancellation of an Access Order (Cont'd)

(B) (Cont'd)

(4) (Cont'd)

| | APP | SID | DLRD | RID | WOT | PTD | |
|---|---|---|---|---|---|---|---|
| **DDS** | $0 | $75.00 | $187.50 | $375.00 | $562.50 | $750.00 | (T) (D) |
| **HC (all zones)** | | | | | | | |
| - DS1 | $0 | $75.00 | $187.50 | $800.00 | $1200.00 | $1600.00 | |
| - DS3 | $0 | $200.00 | $500.00 | $1500.00 | 2000.00 | $2500.00 | (D) (D) (D) |

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.3 Cancellation of an Access Order (Cont'd)

(B) (Cont'd)

(4) (Cont'd)

| | APP | SID | DLRD | RID | WOT | PTD | |
|---|---|---|---|---|---|---|---|
| | | | | | | | (D) |
| **Switched Access IEF** (per STS1) | $0 | $200.00 | $500.00 | $2,000.00 | $2,000.00 | $2,000.00 | (D) |

(D)



Vice President, Federal Regulatory
1300 I Street, NW, Washington, D.C. 20005

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

(D)

(D)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

(D)
(D)

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(D)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

(D)

(D)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.3 Cancellation of an Access Order (Cont'd)

(D)

(D)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.3 Cancellation of an Access Order (Cont'd)

(C) No cancellation charges apply when a customer cancels an order requesting disconnection of service. (T) (T)

5.2.4 Selection of Facilities For Access Orders

(A) When there are analog or digital high capacity facilities to a Hub as described in Section 5.2.8 following, on order or in service for the customer's use, the customer may request a specific channel or transmission path be used to provide the Switched Access Service or Special Access Non-Competitive End User Channel Termination requested in an Access Order. The Telephone Company will make a reasonable effort to accommodate the customer request. (D) (C) (C)

(B) For all other Access Orders, the option to request a specific transmission path or channel is not provided except as provided for under Special Facilities Routing as set forth in 11. following.

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.5 Minimum Period

(A) Except as set forth in (B) following, 7.2.5 (G), 7.2.11(D), 7.2.14(C), 7.2.15(C), 7.2.16, 7.4.13, 7.4.17, 8.2(C)(1), 9.4(A), and 16.5, 16.6, 16.7, 25.1.10 and 25.3.8 following, the minimum period for which Access Service is provided and for which charges are applicable, is one month.

(B) Reserved.

(C) Service Rearrangements as set forth in 6.8.1(C)(2) following for Switched Access Services may be made without a change in minimum period requirements.

(D) Changes other than those identified in 6.8.1(C)(2) or 7.4.1(C)(3) following will be treated as a discontinuance of the existing service and an installation of a new service. All associated nonrecurring charges will apply for the new service. A new minimum period will be established for the new service. The customer will also remain responsible for all outstanding minimum period obligations associated with the disconnected service.

The changes listed below are those which will be treated as a discontinuance and installation of service except as specified in 2.1.2(A) preceding and for which a new minimum period is to be established.

(1) A change of customer of record (i.e., Access Service is provided to and billed to a different customer)
(2) A move to a different building as set forth in 6.8.7(B) or 7.4.5(B) following
(3) A change in type of service (i.e., Switched Access to Special Access, one type of Special Access to another, or one type of Switched Access Feature Group to another except as set forth in 6.8.6 following)
(4) A change in the type of Special Access Service Channel Termination (D)
(5) A change in Switched Access Service or Directory Assistance Service Interface Group
(6) Change in Switched Access Service traffic type
(7) Change from two-point to multipoint Special Access Service or from multipoint to two-point Special access service.

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.5 Minimum Period (Cont'd)

(D) (Cont'd)

(D)

(D)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.6 Minimum Period Charges

When Access Service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. A disconnect constitutes facilities being returned to available inventory.

Except as specifically stated in other sections of this tariff, the Minimum Period Charge for monthly billed services will be determined as follows:

(A) For Switched Access Service, the charge is equal to the applicable minimum monthly charge for the capacity as set forth in 6.8.4 following.

(B) For Switched Transport facilities and Special Access Non-Competitive End User Channel Terminations, the charge for a month or fraction thereof is the applicable monthly rates for the service as set forth in 6.9, 7.5 and 8.2 following, except for DS3 Switched Access Entrance Facility channel terminations, which are calculated using the rate band determined by the last count taken. When service is provided under a DS3 TPP, DS3 High Capacity TPP, Commitment Discount Plan, or National Discount Plan, the discount percentage specified in Section 6.8.22, Section 7.4.13(B), Section 25.1, or Section 25.3 following, respectively, shall be applied to the applicable monthly rates.

(D)
|
(D)

The Minimum Period Charge is in addition to all applicable nonrecurring charges for the service.

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.7 Discontinuance of Access Service

Except as set forth in Sections 6.8.22(D), 7.4.15(A), and 7.4.16(C) following, a customer may request disconnect of an access service, in writing, at any time after the service has been established. Billing for the service involved will cease no later than 2 business days following receipt of the written notice by the Telephone Company or on the customer's requested date, whichever is later. Minimum Period Charges are applicable if the Minimum Period, as specified in 5.2.6 preceding, has not been satisfied at the time of disconnect.

5.2.8 Shared Use Facilities

Shared Use (i.e., Switched and Special Access Services provided over the same analog or digital high capacity facilities) is allowed. Shared use facilities to a Hub will be ordered and provided as Special Access Service. While shared use is allowed, individual services utilizing these facilities must be ordered either as Switched Access Service or Special Access Service. When placing the order for the individual service(s) the customer must specify a channel assignment for each service ordered. (D)



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ACCESS SERVICE

## 6. Switched Access Service

### 6.1 General

Switched Access Service, which is available to customers for their use in furnishing their services to end users, provides a two-point electrical communications path to a customer's facilities from an end user's premises. It provides for the use of common terminating switching and transport facilities and common subscriber plant of the Telephone Company. Switched Access Service provides for the ability to originate calls from an end user's premises to a customer's facilities, and to terminate calls from a customer's facilities to an end user's premises in the LATA where it is provided. Specific references to material describing the elements of Switched Access Service are provided in 6.1.1 and 6.1.2 following.

Rates and charges for Switched Access Service depend generally on its use by the customer, i.e., for MTS or WATS services, MTS-WATS equivalent services, or other services (e.g., foreign exchange service). Rates and charges for Switched Access Service are set forth in 6.9 following. The application of rates for Switched Access Service is described in 6.8 following. Rates and charges for services other than Switched Access Service, e.g., a customer's interLATA toll message service, may also be applicable when Switched Access Service is used in conjunction with these other services. Descriptions of such applicability are provided in 6.2.1(A)(7), 6.2.1(B)(4), 6.2.2(A)(5), 6.2.3(A)(5), 6.2.4(A)(4), 6.8.10 and 6.8.12 following. Finally, a credit is applied against lineside Switched Access Service charges as described in 6.8.11 following. (D)

Pursuant to FCC Report and Order and Order On Further Reconsideration and Supplemental Notice of Proposed Rulemaking, 6 FCC Rcd 4524 (1991), the Telephone Company offers a Lineside Switched Access BSA (Lineside BSA) and a Trunkside Switched Access BSA (Trunkside BSA) and a number of BSEs.

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements

Switched Access Service is provided in three unbundled service arrangements of alternative features and optional BSEs called (1) Lineside Switched Access BSA (Lineside BSA) and (2) Trunkside Switched Access BSA (Trunkside BSA) and (3) Dedicated Network Access Link (DNAL) BSA, and in four optional service arrangements of standard and optional features called (1) Feature Group A (FGA), (2) Feature Group B (FGB), (3) Feature Group C (FGC), and (4) Feature Group D (FGD).

The arrangements are differentiated by their technical characteristics, e.g., lineside vs. trunkside connection at the Telephone Company entry switch, and by the manner in which an end user accesses them in originating calling, e.g., with or without an access code. A description of Lineside BSA, Trunkside BSA and DNAL BSA is in 6.3 following. A description of each Feature Group is in 6.2 following.

Switched Access Service is provided in six service categories of standard and optional features.

These are differentiated by their technical characteristics, e.g., lineside vs. trunkside connection at the Telephone Company entry switch, and the manner in which an end user accesses them in originating calling, e.g., with or without an access code. Following is a brief description of the Feature Group arrangements.

(A) Feature Group A (FGA)#

FGA Access provides lineside access to Telephone Company end office switches with an associated seven-digit local telephone number for the customer's use in originating and terminating communications (1) to an Interexchange Carrier's interstate service or (2) to the Telephone Company's facilities when used to provide dial tone service from the Telephone Company's end office switch in a state other than the state of the customer's normal serving end office.

When ordering FGA service, the customer must specify the Interexchange Carrier to which the FGA service is physically connected or specify the means by which the FGA access communications is transported interstate. If the customer cannot specify the type of connection used to transport traffic interstate, the lineside service should be obtained as provided under the Telephone Company's local and/or general exchange service tariffs.

A more detailed description of FGA Access is provided in 6.2.1 following.

# Availability limited. Please refer to # footnote on Page 14-93. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements (Cont'd)

(B) Feature Group B (FGB)

FGB Access, which is available to all customers, provides trunkside access to Telephone Company end office switches with an associated uniform 950-0XXX or 950-1XXX access code for the customer's use in originating and terminating communications. A more detailed description of FGB Access is provided in 6.2.2 following.

WATS Access Line Service, for use in the originating and terminating direction, is available with Feature Group B.

(C) Reserved for Future Use (C)

(D)
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(D)

(D) Feature Group D (FGD)

FGD Access, which is available to all customers, provides trunkside access to Telephone Company end office switches with an associated 101XXXX access code for the customer's use in originating and terminating communications. WATS Access Lines are ordered as set forth in 5.2 preceding. As an option, 950 on FGD Access is also available, where technically feasible, with an associated uniform 950-XXXX access code for the customer's use in originating traffic. Calls in the terminating direction will not be completed to 950-XXXX access codes. When used with the 950 dialing option, FGD is only available with SS7 signaling. A more detailed description of FGD Access is provided in 6.2.4 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements (Cont'd)

(D) Feature Group D (Cont'd)

Switched 56 Kilobit Service, as described in Section 6.2.4(A)(7) following is an optional service available for use with Feature Group D. Switched 56 Kilobit Service is ordered as set forth in 5.2 preceding.

(D)

(D)

(E) WATS Access Line Service

WATS Access Line Service is a type of special Access Service that is provided only for use with Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and Feature Groups A, B, and D Switched Access Services. WATS Access Line Service connects an end user premises with a WATS serving office. This service is described in 7.2.3.1 following.

(F) Manner of Provision

Switched Access is furnished on a per-line or per-trunk basis respectively.

Trunks are differentiated by type and directionality of traffic carried over a Switched Access Service arrangement. Differentiation of traffic is necessary for the Telephone Company to properly design Switched Access Service to meet the traffic carrying capacity requirement of the customer.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements (Cont'd)

(F) Manner of Provision (Cont'd)

There are three major traffic types. These are: Originating, Terminating and Directory Assistance. Originating traffic type represents access capacity within a LATA for carrying traffic from the end user to the customer; Terminating traffic type represents access capacity within a LATA for carrying traffic from the customer to the end user; and, Directory Assistance traffic type represents access capacity within a LATA for carrying Directory Assistance traffic from the customer to a Directory Assistance location. When ordering capacity for Trunkside BSA - 950 Option, Trunkside BSA- 101XXXX Option, FGB Access, or FGD Access, the customer must at a minimum specify such access capacity in terms of originating traffic type and/or terminating traffic type. All Feature Group B, Feature Group D, and Trunkside BSA traffic must be associated with a customer-provided Carrier Identification Code ("CIC" code). Directory Assistance traffic type is used for ordering Directory Assistance Access Service as set forth in 9. following.

Because some customers will wish, or may be required, to further segregate their originating Trunkside BSA-101XXXX Option or FGD traffic into separate trunk groups, Originating traffic type is further categorized into Domestic, 500 Access Service, Toll Free* Data Base Access Service, 900, Operator, IDDD, Switched 56 (S56) Kilobit Service, and Telecommunication Relay Service. (D)
Domestic traffic type represents access capacity for carrying only domestic traffic other than 500 Access Service, Toll Free Data Base Access Service, 900 and Operator traffic; IDDD traffic type represents access capacity for carrying only international traffic; 500 Access Service, Toll Free Data Base Access Service, 900 and Operator traffic type represents access capacity for carrying, respectively, only 500 Access Service, Toll Free Data Base Access Service, 900 or Operator traffic; and Switched 56 (S56) Kilobit Service, Operator Transfer, and Telecommunication Relay Service traffic types represents access capacity for carrying, respectively, only Software Network traffic, Switched 56 (S56) Kilobit Service, and Telecommunication Relay Service. (D)

* "Toll Free" service includes any access service which utilizes the following NPA's: 800, 888, 877, 866, 855, 844, 833, and 822 as they become available to the industry.

(This page filed under Transmittal No. 1226)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Arrangements (Cont'd)

(F) Manner of Provision (Cont'd)

When ordering such types of access capacity, the customer must specify Domestic, 500, Toll Free, 900, Operator IDDD, Switched 56 (S56) Kilobit Service, or Telecommunication Relay Service traffic type. Switched 56 (S56) Kilobit Service traffic must be carried over a separate trunk group and cannot be combined with other traffic types. (D) | (D)

An out of band signaling connection as described in following is required in conjunction with Trunkside BSA-101XXXX Option and Feature Group D equipped with out of band signaling and/or Billing Validation Service. An out of band signaling connection provides the interconnection between the Telephone Company's STP pair and the customer's SPOI(s).

When ordering out of band signaling with Trunkside BSA- 101XXXX Option and Feature Group D the customer shall specify that all traffic is to be equipped with out of band signaling.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories

The following rate categories apply to Switched Access Service:

- Switched Transport (described in 6.1.2(A) following)
- End Office (described in 6.1.2(B) following)
- Common Line (described in Sections 3. and 4. preceding)
- Toll Free Data Base Access Service (described in 6.4.3(C) following)

In addition to the rate categories there is an Information Surcharge that applies to Lineside BSA, Trunkside BSAs and all Switched Access Feature Groups. The description and application of these charges are set forth in 6.1.2(B)(3) following. (D) (D)

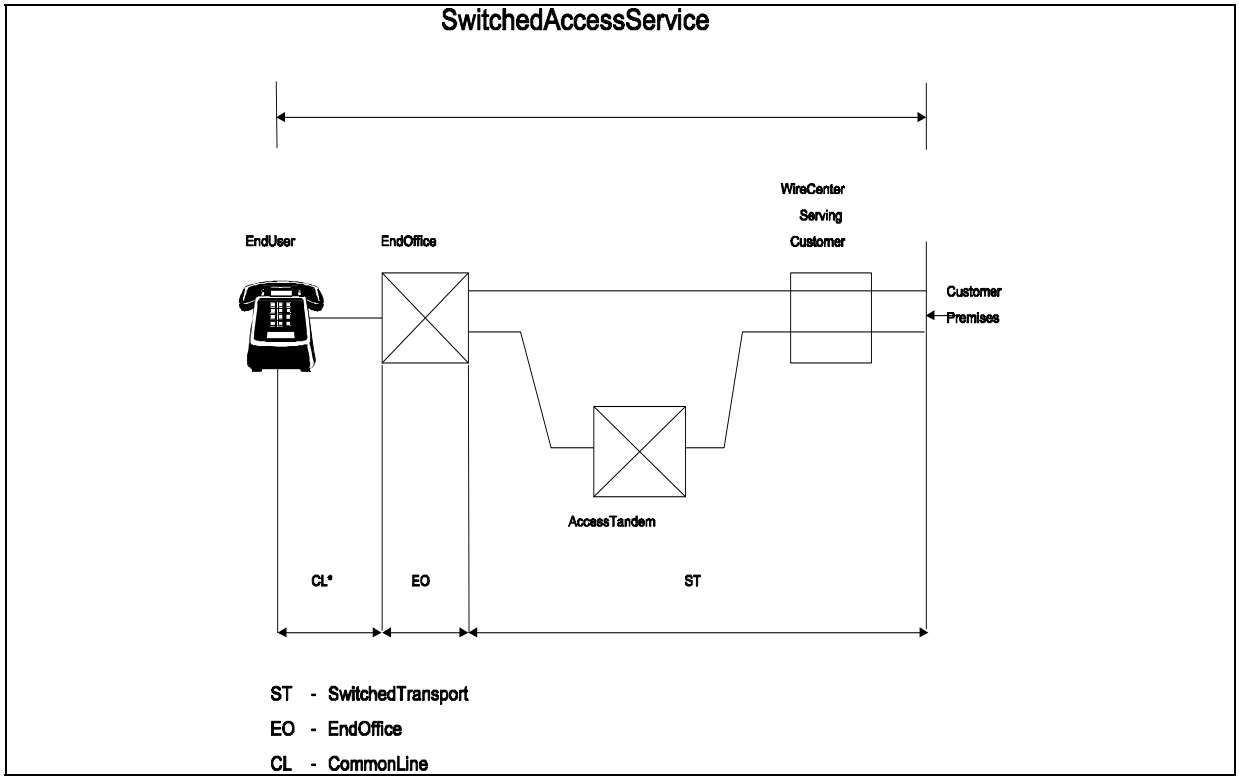
ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

The following diagram depicts a generic view of the components of Switched Access Service and the manner in which the components are combined to provide a complete Access Service.




* Common Line access is provided under Sections 3. and 4. preceding.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport

Switched Transport provides the transmission facilities between the customer's facilities and the end office switch(es) where the customer's traffic is switched to originate or terminate customer's communications. For purposes of determining Switched Transport mileage, distance will be measured from the wire center that normally serves the customer's facilities to the end office switch for Direct Trunked Transport or from the end office to an access tandem for Tandem Switched Transport. Mileage measurement rules are set forth in 6.8.13 following.

Switched Transport is a two-way voice frequency transmission path comprised of Switched Entrance facilities, Direct Trunked Transport facilities, Tandem Switched Transport facilities and/or Host/Remote facilities which permit the transport of calls in the originating direction (from the end user switch to the customer's facilities) and in the terminating direction (from the customer's facilities to the end office switch), but not simultaneously. The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The Telephone Company will work cooperatively with the customer in determining (1) the Entrance Facility, (2) whether the service is to be directly routed to an end office switch or through an access tandem switch via Tandem Switched facilities, and (3) the directionality of the service. When the customer has ordered Trunkside BSA-101XXXX Option or FGD with the Switched 56 Kilobit Service, the Telephone Company will provide facilities that are capable of supporting transmission of digital data at a speed of 56 Kbps.

When the customer has ordered Trunkside BSA-101XXXX Option or FGD to carry traffic originated from a TRS Center, the Telephone Company will provide facilities between the TRS Center and the access tandem. The Telephone Company will ensure sufficient capacity exists between the TRS and the access tandem to handle all TRS originated traffic. Switched transport charges for TRS traffic will be applied as specified in 6.9.1, 6.8.1(D), and 6.8.13(J) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

Switched Transport is ordered under the access order provisions as set forth in Section 5 preceding. Design and traffic routing of Switched Transport Service is described in Section 6.6.2 following. (T)

Switched Transport is comprised of an Entrance Facility rate category, as described in (1) following, a Direct Trunked Transport rate category, as described in (2) following, a Tandem Switched Transport rate category, as described in (3) following, and an Interconnection charge as described in (5) following. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(1) Entrance Facility Rate Category

An Entrance Facility provides the communication path between a customer's premises and the Telephone Company SWC of that premises for the sole use of the customer. The Entrance Facility category is comprised of a Voice Grade rate, a DS1 rate, a DS3 rate, or an IntelliLight Entrance Facilities (IEF) (D)
rate, plus IEF Interface when appropriate. An Entrance Facility is required whether the customer's premises and the SWC are located in the same or different buildings. The types of facilities available for Entrance Facilities are described in 6.2.5 following.

(2) Direct Trunked Transport Rate Category

Direct Trunked Transport provides the transmission path from the SWC of the customer's premises to an end office or from the SWC to a tandem or in the case of voice grade service used for FGA/Lineside BSA, from the SWC to the Dial Tone Office (DTO). This transmission path is dedicated to the use of a single customer.

The Direct Trunked Transport rate category is comprised of a monthly fixed rate and a monthly per mile rate based on the facility provided (i.e., Voice Grade, DS1, or DS3). The fixed rate provides (D)
the circuit equipment at the ends of the transmission links. The per mile rate provides the transmission facilities, including intermediate transmission circuit equipment, between the end points of the circuit. The Direct Trunked Transport rate is the sum of the fixed rate and the per mile rate. For purposes of determining the per mile rate, mileage shall be measured as airline mileage between the SWC of the customer's premises and the end office or directly to the access tandem using the V&H coordinates method. The types of facilities available for Direct Trunked Transport are described in 6.2.5 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(3) Tandem Switched Transport Rate Category

Tandem Switched Transport provides the transmission facilities from the end office to the tandem utilizing tandem switching functions. Tandem Switched Transport consists of circuits used in common by multiple customers from the access tandem to an end office.

The Tandem Switched Transport rate category is comprised of a Tandem Transport fixed MOU rate, Tandem Transport Per Mile/Per MOU rate, and a Tandem Switching MOU rate. The fixed rate provides the circuit equipment at the end of the interoffice transmission links. The per mile rate provides the transmission facilities, including intermediate transmission circuit equipment between the end points of the interoffice circuit. For purposes of determining the per mile rate, mileage shall be measured as airline mileage between the end office and the tandem using the V&H coordinates method. The Tandem Switching rate provides for tandem switching facilities. The Tandem Switched Transport rate is the sum of the fixed rate, the per mile rate, and the Tandem Switching MOU rate.

The Tandem Switched Transport fixed rate and the Tandem Transmission per mile/per MOU rate also apply to FGA with a Voice Grade Facility. The miles are measured from the DTO to the End Office.

The Dedicated Tandem Trunk Port is a monthly per port rate that provides a port for each dedicated trunk terminating on the serving wire center side of the access tandem.

The Transport Multiplexing rate provides for the use of common DS3 to DS1 multiplexers in the end office side of the access tandem for traffic that is switched at an access tandem and/or Feature Group A traffic.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(4) Host/Remote Rate Category

Host/Remote Transmission is composed of a fixed MOU rate and per mile/per MOU rate. The fixed rate provides for the circuit equipment at the end of the interoffice transmission. The per mile rate provides the transmission facilities between the end points of the interoffice circuit between the host and the remote. For purposes of determining the per mile rate, mileage will be measured as airline mileage using the V&H coordinates method. Mileage measurement rules are set forth in 6.8.13 following.

(5) Interconnection Charge

The Switched Transport Interconnection Charge charge is applied to all access minutes based on the directionality of the traffic carried over the Switched Access Service and whether or not it is provided under a collocated Interconnection Agreement.

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(6) Interface Groups

Ten Interface Groups are provided for terminating the Switched Transport at the customer's facilities. Each Interface Group provides a specified interface at customer's facilities (e.g., two-wire, four-wire, DS1, etc.). Where Telephone Company transmission facilities permit, the individual transmission path between the customer's facilities and the first point of switching may at the option of the customer be provided with optional features as set forth in 6.1.2(A)(7) and (8) following.

As a result of the customer's access order and the type of Telephone Company transport facilities serving the customer's facilities, the need for signaling conversions or two-wire to four-wire conversions, or the need to terminate digital or high frequency facilities in channel bank equipment may require that Telephone Company equipment be placed at the customer's facilities. For example, if a voice frequency interface is ordered by the customer and the Telephone Company facilities serving the customer's facilities are digital, then Telephone Company channel bank equipment must be placed at the customer's facilities in order to provide the voice frequency interface ordered by the customer.

Interface Group 1 is provided with Type C Transmission Specifications, and Interface Groups 2 through 10 are provided with Type A or B Transmission Specifications, depending on the Feature Group and whether the Access Service is routed directly or through an access tandem. All Interface Groups are provided with Data Transmission Parameters.

Only certain premises interfaces are available at the customer's facilities. The premises interfaces associated with the Interface Groups may vary among Switched Access Arrangements. The various premises interfaces which are available with the Interface Groups, and the Switched Access Arrangements with which they may be used, are set forth in 6.1.2(A)(6)(k) following. Compatibility and interface requirements for Trunkside BSA-101XXXX Option and FGD equipped with Switched 56 Kilobit Service capability are described in Technical Reference GR-334-CORE, Issue 1. (C)(x) (C)(x)

(x) GR-334-CORE, Issue 1, replaces TR-NPL-000334 in its entirety.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(6) Interface Groups (Cont'd)

(a) Interface Group 1 (USOC TPP1X)

Interface Group 1, except as set forth in the following, provides two-wire voice frequency transmission at the point of termination at the customer's premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

Interface Group 1 is not provided in association with Trunkside BSA-101XXXX Option and FGD when the first point of switching is an access tandem. In addition, Interface Group 1 is not provided in association with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGB, or FGD when the first point of switching provides only four-wire terminations. (D) (D) (D) (D)

The transmission path between the point of termination at the customer's premises and the first point of switching may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.

The interface is provided with loop supervisory signaling. When the interface is associated with Lineside BSA or FGA, such signaling will be loop start or ground start signaling. When the interface is associated with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGB, or FGD, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling. (D) (D)

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(6) Interface Groups (Cont'd)

(b) Interface Group 2 (USOC TPP2X)

Interface Group 2 provides four-wire voice frequency transmission at the point of termination at the customer's premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The transmission path between the point of termination at the customer's premises and the first point of switching may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The interface is provided with loop supervisory signaling. When the interface is associated with Lineside BSA or FGA, such signaling will be loop start or ground start signaling. When the interface is associated with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, (D)
FGB, or FGD, such signaling, except for two-way (D)
calling which is E&M signaling, will be reverse battery signaling.

(c) Interface Group 3 (USOC TPP3X)

Interface Group 3 provides group level analog transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals between the frequencies of 60 to 108 kHz, with the capability to channelize up to 12 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Group are reserved for Telephone Company use, e.g., pilot and carrier group alarm tones. Before the first point of switching, the Telephone Company will provide multiplex equipment to derive 12 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(6) Interface Groups (Cont'd)

(c) Interface Group 3 (USOC TPP3X) (Cont'd)

The interface is provided with individual transmission path SF supervisory signaling.

(d) Interface Group 4 (USOC TPP4X)

Interface Group 4 provides supergroup level analog transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals between the frequencies of 312 to 552 kHz, with the capability to channelize up to 60 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Group are reserved for Telephone Company use, e.g., pilot and carrier group alarm tones. Before the first point of switching, the Telephone Company will provide multiplex and channel bank equipment to derive 60 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

The interface is provided with individual transmission path SF supervisory signaling.

(e) Interface Group 5 (USOC TPP5X)

Interface Group 5 provides mastergroup level analog transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals between the frequencies of 564 to 3084 kHz, with the capability to channelize up to 600 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Group are reserved for Telephone Company use, e.g., pilot and carrier group alarm tones. Before the first point of switching, the Telephone Company will provide multiplex and channel bank equipment to derive 600 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

The interface is provided with individual transmission path SF supervisory signaling.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(6) Interface Groups (Cont'd)

(f) Interface Group 6 (USOC TPP6X)

Interface Group 6 provides DS1 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive 24 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, a DS1 signal in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

(g) Interface Group 7 (USOC TPP7X)

Interface Group 7 provides DS1C level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 3.152 Mbps, with the capability to channelize up to 48 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 48 voice frequency transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(6) Interface Groups (Cont'd)

(h) Interface Group 8 (USOC TPP8X)

Interface Group 8 provides DS2 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 6.312 Mbps, with the capability to channelize up to 96 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment in its office to derive up to 96 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching, or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

(i) Interface Group 9 (USOC TPP9X)

Interface Group 9 provides DS3 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 44.736 Mbps, with the capability to channelize up to 672 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 672 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching, or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(6) Interface Groups (Cont'd)

(j) Interface Group 10 (USOC TPPAX)

Interface Group 10 provides DS4 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 274.176 Mbps, with the capability to channelize up to 4032 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 4032 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signals in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(6) Interface Groups (Cont'd)

(k) Available Premises Interface Codes

Following is a matrix showing, for each Interface Group, which premises interface codes are available as a function of the Telephone Company switch supervisory signaling and Feature Group. For explanations of these codes, see the glossary of Channel Interface Codes in 7.3.1 following.

| Interface Group | Telephone Company Switch Supervisory Signaling | Premises Interface Code | Switched Access Service 1 | 2 | 4 | |
|---|---|---|---|---|---|---|
| 1 | LO | 2LS2 | X | | | |
| | LO | 2LS3 | X | | | |
| | GO | 2GS2 | X | | | |
| | GO | 2GS3 | X | | | |
| | LO, GO | 2DX3 | X | | | |
| | LO, GO | 4EA3-E | X | | | |
| | LO, GO | 4EA3-M | X | | | |
| | LO, GO | 6EB3-E | X | | | |
| | LO, GO | 6EB3-M | X | | | |
| | RV, EA, EB, EC | 2DX3 | | X | X | (D) |
| | RV, EA, EB, EC | 4EA3-E | | X | X | \| |
| | RV, EA, EB, EC | 4EA3-M | | X | X | \| |
| | RV, EA, EB, EC | 6EB3-E | | X | X | \| |
| | RV, EA, EB, EC | 6EB3-M | | X | X | \| |
| | EA, EB, EC | 6EC3 | | | X | \| |
| | RV | 2RV3-O | | X | X | \| |
| | RV | 2RV3-T | | X | X | (D) |
| | Out of Band Signaling | 2N02 | | | X | |

(1) Lineside BSA or FGA.
(2) Trunkside BSA - 950 Option or FGB.

(D)

(4) Trunkside BSA-101XXXX Option or FGD.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(6) Interface Groups (Cont'd)

(k) Available Premises Interface Codes (Cont'd)

| Interface Group | Telephone Company Switch Supervisory Signaling | Premises Interface Code | Switched Access Service 1 | 2 | 4 | (D) |
|---|---|---|---|---|---|---|
| 2 | LO, GO | 4SF2 | X | | | |
| | LO, GO | 4SF3 | X | | | |
| | LO | 4LS2 | X | | | |
| | LO | 4LS3 | X | | | |
| | LO | 6LS2 | X | | | |
| | GO | 4GS2 | X | | | |
| | GO | 4GS3 | X | | | |
| | GO | 6GS2 | X | | | |
| | LO, GO | 4DX2 | X | | | |
| | LO, GO | 4DX3 | X | | | |
| | LO, GO | 6EA2-E | X | | | |
| | LO, GO | 6EA2-M | X | | | |
| | LO, GO | 8EB2-E | X | | | |
| | LO, GO | 8EB2-M | X | | | |
| | LO, GO | 6EX2-B | X | | | |
| | RV, EA, EB, EC | 4SF2 | | X | X | (D) |
| | RV, EA, EB, EC | 4SF3 | | X | | |
| | RV, EA, EB, EC | 4DX2 | | X | X | (D) |
| | RV, EA, EB, EC | 4DX3 | | X | | |
| | RV, EA, EB, EC | 6DX2 | | | | (D) |
| | RV, EA, EB, EC | 6EA2-E | | X | X | \| |
| | RV, EA, EB, EC | 6EA2-M | | X | X | \| |
| | RV, EA, EB, EC | 8EB2-E | | X | X | \| |
| | RV, EA, EB, EC | 8EB2-M | | X | X | \| |
| | EA, EB, EC | 8EC2-M | | | X | \| |
| | RV | 4RV2-O | | X | X | \| |
| | RV | 4RV2-T | | X | X | \| |
| | RV | 4RV3-O | | X | | \| |
| | RV | 4RV3-T | | X | | (D) |
| | Out of Band Signaling | 4N02 | | | X | |
| 3 | LO, GO | 4AH5-B | X | | | |
| | RV, EA, EB, EC | 4AH5-B | | X | X | (D) |
| | Out of Band Signaling | 4AH5-B | | | X | |
| 4 | LO, GO | 4AH6-C | X | | | |
| | RV, EA, EB, EC | 4AH6-C | | X | X | (D) |
| | Out of Band Signaling | 4AH6-C | | | X | |

(1) Lineside BSA or FGA.
(2) Trunkside BSA - 950 Option or FGB.
(D)
(4) Trunkside BSA-101XXXX Option or FGD.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(6) Interface Groups (Cont'd)

(k) Available Premises Interface Codes (Cont'd)

| Interface Group | Telephone Company Switch Supervisory Signaling | Premises Interface Code | Switched Access Service 1 | 2 | 4 | (D) |
|---|---|---|---|---|---|---|
| 5 | LO, GO | 4AH6-D | X | | | |
| | RV, EA, EB, EC | 4AH6-D | | X | X | (D) |
| | Out of Band Signaling | 4AH6-D | | | X | |
| 6 | LO, GO | 4DS9-15 | X | | | |
| | RV, EA, EB, EC | 4DS9-15 | | X | X | (D) |
| | Out of Band Signaling | 4DS9-15 | | | X | |
| | 64CCC | 4DS9-15S | | | X | |
| | | 4DS9-1S | | | X | |
| 7 | LO, GO | 4DS9-31 | X | | | |
| | LO, GO | 4DS9-31L | X | | | |
| | RV, EA, EB, EC | 4DS9-31 | | X | X | (D) |
| | RV, EA, EB, EC | 4DS9-31L | | X | X | (D) |
| | Out of Band Signaling | 4DS9-31 | | | X | |
| 8 | LO, GO | 4DS0-63 | X | | | |
| | LO, GO | 4DS0-63L | X | | | |
| | RV, EA, EB, EC | 4DS0-63 | | X | X | (D) |
| | RV, EA, EB, EC | 4DS0-63L | | X | X | (D) |
| | Out of Band Signaling | 4DS0-63 | | | X | |
| 9 | LO, GO | 4DS6-44 | X | | | |
| | LO, GO | 4DS6-44L | X | | | |
| | RV, EA, EB, EC | 4DS6-44 | | X | X | (D) |
| | RV, EA, EB, EC | 4DS6-44L | | X | X | (D) |
| | Out of Band Signaling | 4DS6-44 | | | X | |
| | 64CCC | 4DS6-44 | | | X | |
| 10 | LO, GO | 4DS6-27 | X | | | |
| | LO, GO | 4DS6-27L | X | | | |
| | RV, EA, EB, EC | 4DS6-27 | | X | X | (D) |
| | RV, EA, EB, EC | 4DS6-27L | | X | X | (D) |
| | Out of Band Signaling | 4DS6-27 | | | X | |

(1) Lineside BSA or FGA.
(2) Trunkside BSA - 950 Option or FGB.
(D)
(4) Trunkside BSA-101XXXX Option or FGD.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(6) Interface Groups (Cont'd)

(1) Out of Band Signaling Connection (USOC TPPSX)

Premises Interface Codes

Common Channel Signaling Access Service is provided with Trunkside BSA-101XXXX Option and Feature Group D equipped with out of band signaling and/or Billing Validation Service. The associated out of band signaling connections are provided using Interface Groups 6 through 10. Following is a matrix for Interface Groups 6 through 10 showing which premises interface codes are available for signaling connections as a function of the out of band signaling level of digital transmission. These codes also apply for Collocated Interconnected arrangements.

| Interface Groups | Level of Transmission | Premises Interface Codes |
|---|---|---|
| 6 | DS1 | 4DS9-15 |
| 7 | DS1C | 4DS9-31 |
| 8 | DS2 | 4DS0-63 |
| 9 | DS3 | 4DS6-44 |
| 10 | DS4 | 4DS6-27 |

(7) Nonchargeable Optional Features

Where transmission facilities permit, the Telephone Company will, at the option of the customer, provide the following nonchargeable optional features in association with Switched Transport.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(7) Nonchargeable Optional Features (Cont'd)

(a) Supervisory Signaling

Where the transmission parameters permit, and where signaling conversion is required by the customer to meet its signaling capability, the customer may order an optional supervisory signaling arrangement for each transmission path provided as follows:

- For Interface Groups 1 and 2

  DX Supervisory Signaling,
  E&M Type I Supervisory Signaling,
  E&M Type II Supervisory Signaling, or
  E&M Type III Supervisory Signaling

- For Interface Group 2

  SF Supervisory Signaling, or
  Tandem Supervisory Signaling

- For Interface Groups 6 through 10

  These Interface Groups may, at the option of the customer, be provided with individual transmission path SF supervisory signaling where such signaling is available in Telephone Company central office. Generally such signaling is available only where the entry switch provides an analog, i.e., non-digital, interface to the transport termination.

  These optional supervisory signaling arrangements are not available in combination with Trunkside BSA-101XXXX Option or FGD with out of band signaling.

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(7) Nonchargeable Optional Features (Cont'd)

(b) Customer Specified Entry Switch Receive Level

This feature allows the customer to specify the receive transmission level at the first point of switching. The range of transmission levels which may be specified is described in Technical Reference GR-334-CORE, Issue 1. This feature is available with Interface Groups 2 through 10 for Lineside BSA, and Trunkside BSA - 950 Option and Feature Groups A and B. (C)(x)

(c) Customer Specification of Switched Transport Termination

This option allows the customer to specify, for Trunkside BSA - 950 Option or Feature Group B routed directly to an end office or access tandem, a four-wire termination of the Switched Transport at the entry switch in lieu of a Telephone Company selected two-wire termination. This option is available only when the Trunkside BSA - 950 Option or Feature Group B arrangement is provided with Type B Transmission Specifications.

(d) Switched Transport Re-Route Option

Customers may, at no charge and at their option, subject to the following criteria, convert existing tandem routed trunks to end office direct routed trunks.

Conversions from tandem routing to end office direct routing will be performed at no charge if the order is placed by December 31, 1998.

(1) The number of trunks connected cannot exceed the number of trunks disconnected except as provided below, i.e., a one-for-one substitution of end office trunks for tandem trunks. In cases where the customer requests the installation of additional trunks greater than the number disconnected, the customer must provide usage data, and an engineering table capacity evaluation, justifying the requirement for additional trunks.

(x) GR-334-CORE, Issue 1, replaces TR-NPL-000334 in its entirety.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(7) Nonchargeable Optional Features (Cont'd)

(d) Switched Transport Re-Route Option (Cont'd)

(2) The customer's order for the Switched Transport Re-route option will be scheduled on a project basis by the Telephone Company in cooperation with the customer.

(3) Additional trunks installed beyond those specified or provided for in (1) preceding, will be subject to full nonrecurring installation charges.

(4) The technical specifications of the tandem trunk, e.g., interface type, must be retained when the trunk is connected at the end office or tandem, unless otherwise mutually agreed upon by the Telephone Company and the customer when appropriate Telephone Company central office switching equipment and other facilities exist.

(5) This option may not be scheduled at the same time as an upgrade to Trunkside BSA-101XXXX Option or FGD with out of band signaling unless otherwise mutually agreed upon by the Telephone Company and the customer when appropriate Telephone Company central office switching equipment and other facilities exists. If requests for the Switched Transport Re-Route Option are to be combined with a conversion to out of band signaling at the same time, the Telephone Company may treat such requests as two separate projects and charges will be waived subject to the above and as specified in section 6.1.2(A)(7)(e)(5) following. (T)

(6) The same customer facilities must be maintained on the connect order for the end office or tandem routed trunks, unless mutually agreed upon by the Telephone Company and the customer when appropriate Telephone Company central office switching equipment and other facilities exists.

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(7) Nonchargeable Optional Features (Cont'd)

(d) Switched Transport Re-Route Option (Cont'd)

(7) In connection with a request for Switched Transport Re-Route Option and subject to availability of Telephone Company central office switching equipment and facilities, Trunkside BSA - 950 Option or FGB trunks may be upgraded to Trunkside BSA-101XXXX Option or FGD trunks provided the customer requests MF signaling on the Trunkside BSA-101XXXX Option or FGD order, and complies with the specifications as set forth in 6.1.2(A)(2)(d) preceding. Conversion from tandem or end office routed Trunkside BSA -950 Option or FGB trunks to end office or tandem routed Trunkside BSA-101XXXX Option or FGD trunks with MF signaling will be scheduled on a project basis by the Telephone Company, in cooperation with the customer.

(8) The orders for the disconnect and connection of trunks shall be placed with the Telephone Company at the same time. The Telephone Company will disconnect the tandem or end office routed trunks at the same time as the connection of the end office or tandem routed trunks, unless otherwise negotiated, but in no case to exceed 90 days after the connection of the end office or tandem routed trunks.

(9) Subject to the conditions above and the availability of Telephone Company central office switching equipment and facilities, the customer may change one-way trunks to two-way trunks provided two-way is specified on the connect order for the end office or tandem routed trunks.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(7) Nonchargeable Optional Features (Cont'd)

(e) Out of Band Signaling

(1) This ordering option allows the customer to exchange signaling for Trunkside BSA- 101XXXX Option and Feature Group D call set-up over a communications path which is separate from the message path. This option is provided with SS7 protocol and is only available with Trunkside BSA-101XXXX Option and Feature Group D. This option requires the establishment of a Common Channel Signaling Access Service between the customer's SPOI and the Telephone Company's STP as specified in 6.4.3(A) following.

(2) Out of band signaling is provided in both the originating and terminating direction on Trunkside BSA-101XXXX Option and FGD service.

Each signaling connection is provisioned for two-way transmission of out of band signaling information.

(3) Customers ordering out of band signaling are subject to the requirements specified in 2.3.9 and 2.3.10(A) preceding. (T)

(4) Out of band signaling is subject to the rates and charges as specified in 6.8.1(C)(2), 6.9.1(E), and 6.9.1(G) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(7) Nonchargeable Optional Features (Cont'd)

(e) Out of Band Signaling (Cont'd)

(5) Conversion from MF signaling to SS7 signaling or from SS7 signaling to 64 Clear Channel Capability (64CCC) is not subject to charges as specified in section 6.8.1(C)(2) following. These conversions will be performed at Telephone Company access tandems and end offices designated as having SS7 or 64CCC. The number of trunks converted to SS7 signaling cannot exceed the number of trunks with MF signaling that are converted, and the number of trunks converted to 64CCC cannot exceed the number of trunks with MF or SS7 signaling that are converted. The customer must retain the same technical interface specifications unless otherwise mutually agreed upon by the Telephone Company and the customer, when appropriate Telephone Company central office switching equipment and other facilities exists. Conversion of tandem or end office trunks from MF signaling to SS7 signaling or from SS7 signaling to 64CCC will be scheduled on a project basis by the Telephone Company, in cooperation with the customer.

(6) At the customer's request, the Telephone Company will modify Trunkside BSA-101XXXX Option and FGD with out of band signaling to accept SS7 signaling messages and protocol contained in Technical Reference GR-905-CORE, Issue 11, pursuant to successful completion of testing specified in section 6.4.3(A), following. (C)(x) (C)(x)

(x) GR-905-CORE, Issue 11, replaces TR-TSV-000962, Issue 1, in its entirety.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(7) Nonchargeable Optional Features (Cont'd)

(e) Out of Band Signaling (Cont'd)

(7) 64 Clear Channel Capability (64CCC) will be provided in connection with Trunkside BSA-101XXXX Option and FGD with out of band signaling digital trunk facilities provisioned at Interface Group 6 or 9, where appropriate Telephone Company equipment and other facilities exist.

(8) 64CCC is provided through the use of Bipolar with Eight-Zeros Substitution line code which must be provided in both directions of transmission. 64CCC will be provisioned on T1 facilities whose digital transmission signaling is framed in the Extended Superframe Format. The same framing format must be used in both directions of transmission. Technical Reference GR-334-CORE, Issue 1, provides the technical specifications for 64CCC. (C)(x)

(9) 64CCC requires the establishment of CCSAS as specified in section 6.4.3(A) following. The CCS/SS7 protocol requirements for 64CCC are specified in Technical Reference GR-905-CORE, Issue 11. (C)(x) When 64CCC is ordered, the Telephone Company will schedule additional network compatibility and other operational tests as specified in section 6.4.3(A) following. (C)(x)

(8) Chargeable Optional Features

(a) Toll Free Data Base Access Service

(1) Toll Free Basic Query Charge

The basic query charge is assessed the customer based on the query of the Toll Free number delivered to the customer. The query is completed when the appropriate call routing information is returned, as described in 6.4.3(C) following. The query charge is assessed for all completed queries whether or not the actual Toll Free call is delivered to the customer.

(x) GR-334-CORE, Issue 1, replaces TR-NWT-000938, Issue 1, in its entirety.
GR-905-CORE, Issue 11, replaces TR-TSV-000962, Issue 1, in its entirety.



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(8) Chargeable Optional Features

(a) Toll Free Data Base Access Service (Cont'd)

(2) Toll Free Vertical Feature Package Charge

The vertical feature package charge is assessed the customer when, in addition to the basic query, a Toll Free Data Base query contains one, all, or any combination of the vertical features as described in 6.4.3(C) following.

(3) 500 Query Charge

The query charge is assessed the customer based on the query of the 500+NXX number dialed and/or delivered to the customer in conjunction with 500 Access Service. 500+NXX calls delivered to the customer are routed based on information derived via queries to the 500 Data Base. In cases where certain end offices are not equipped with 500 NXX query functionality, certain 0+500 dialed calls are delivered to the customer from a Telephone Company Operator Switch.

(b) Multiplexing

Multiplexing provides the capability of converting the capacity or bandwidth of a facility from a higher level to a lower level or from a lower level to a higher level. Multiplexing arrangements available for Entrance Facilities and Direct Trunked Transport facilities are described in (1) through (3) following. Rates and charges are set forth in Section 6.9 following. (T) (C)

When the customer requests Tandem Switched Transport and Direct Trunked Transport to connect to the same Entrance Facility, multiplexing is required at the SWC and must be ordered by the customer as a chargeable optional feature of the Entrance Facility as set forth in (1) and/or (2) following. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(8) Chargeable Optional Features (Cont'd)

(b) Multiplexing (Cont'd)

Chargeable multiplexing arrangements ordered with an Entrance Facility at a SWC or with a Direct Trunked Transport facility at an end office are associated with the facility with the higher capacity or bandwidth (e.g., a DS1 to Voice Grade multiplexing arrangement is associated with the facility using a DS1 connection). (T) (D)

(1) DS1 to Voice Grade

An arrangement that converts a DS1 channel to twenty-four Voice Grade channels utilizing time division multiplexing. For example, the customer has the option of ordering a DS1 to Voice Grade multiplexing for the Entrance Facility at the SWC when Voice Grade Direct-Trunked Transport is requested to an end office. A DS1 to Voice Grade multiplexing is required at the end office when the customer orders Lineside Access which is transported via a DS1 Direct-Trunked Transport facility.

(2) DS3 to DS1

An arrangement which converts a DS3 channel to twenty-eight DS1 channels utilizing time division multiplexing. The twenty-eight channels may be further multiplexed utilizing DS1 to Voice Grade multiplexers. DS3 to DS1 multiplexing is available as a chargeable optional feature for Entrance Facilities and Direct Trunked Transport facilities. DS3 to DS1 multiplexing is always required at the SWC of the customer's premises when a DS3 Entrance Facility is to connect to a lower level of capacity.

(D)
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(D)

(Issued under Transmittal No. 1392)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(8) Chargeable Optional Features (Cont'd)

(c) Alternate Serving Wire Center (Cont'd)

(1) Alternate Serving Wire Center (ASWC) is an optional feature which provides a transmission path for a High Capacity Service between the customer's designated premises and a serving wire center separate from the normal serving wire center.

(2) The Telephone Company will designate the serving wire center to be used as the alternate. The ASWC feature is available where contiguous wire centers with adjacent fiber feeder routes exist. Where facilities are not available, Special Construction rates and regulations may apply as set forth in the appropriate Special Construction tariff. Where service is available, provisioning is based on a Negotiated Interval as described in 5.2.1(B) preceding.

(3) The rate for Alternate Serving Wire Center, as specified in 6.9.1(E) following, applies per point of termination and is in addition to the entrance facility, IEF Termination, IEF Interface when applicable, and Channel Mileage Rates and Charges for each High Capacity or IEF service provided over the alternate path. Channel mileage for the alternately routed service is based on mileage measured from or to the alternate serving wire center. Section 6 contains rate regulations specific to Shared Network Arrangements.

(d) Special Facilities Routing

A customer may request that the facilities used to provide Switched Transport Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Diversity) are set forth in section 11 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport (Cont'd)

(8) Chargeable Optional Features (Cont'd)

(e) Diversity

Diversity denotes that a service must be provided over not more than two different physical routes. The rates for Diversity as specified in 6.9.1(F) following, applies per entrance facility, and is in addition to the entrance facility and channel mileage rates and charges for each high capacity service.

(f) Shared Network Arrangement

(1) A Shared Network Arrangement is a service offering that enables a customer (the "Service User") to connect subtending services to the multiplexed High Capacity service or IntelliMux℠ service of another customer (the "Host Subscriber"), with the Telephone Company maintaining separate records and billing for each. Each customer will be billed for those rate elements associated with his own portion of the service configuration. Under no circumstances will the rates or charges for individual rate elements be split. This offering is limited to service configurations where a Service User obtains either subtending Voice Grade or Data Digital circuits from a Host's multiplexed DS1 service, or DS1 circuits from a Host's multiplexed DS3 service.

(2) Under the Shared Network Arrangement, the telephone company may share with the host subscriber record information pertaining to the services of other users of the shared network. Such disclosure will be under the sole discretion of the telephone company as is necessary to perform billing reconciliations and/or other functions required in connection with maintaining account records.

(3) Section 6.8.20 contains rate regulations specific to Shared Network Arrangements

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office

The End Office rate category provides the local end office switching and end user termination functions necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. The End Office rate category includes the Local Switching and Information (i.e., Directory Assistance) rate elements. Directory Assistance Service and the applicable rates for it are set forth in Section 9 following.

(1) Local Switching

The Local Switching rate element provides for the use of end office switching equipment, terminations for the end user lines terminating in the local end office, and for the termination of calls at a Telephone Company Intercept operator or recording.

There are two categories, or rate levels, associated with Local Switching. The first category, LS1, provides the functions described preceding for Lineside BSA, Trunkside BSA - 950 Option and Feature Groups A and B, except when Trunkside BSA-950 Option or FGB is subscribed to by a provider of MTS and WATS. (D)

The second category, LS2, provides the functions described preceding for Trunkside BSA-101XXXX Option and Feature Group D, and for Trunkside BSA-950 Option or FGB when subscribed to by a provider of MTS and WATS, and Trunkside BSA-101XXXX Option and FGD used to carry originating Telecommunication Relay Service traffic. (D) | (D)

LS2 rates apply to dedicated access lines, e.g., WATS Access Line Service, when such lines are terminated in end office switches and are used in conjunction with switched access services, and in conjunction with Trunkside BSA-950 Option or FGB when subscribed to by a provider of MTS and WATS. (D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Local Switching (Cont'd)

The Local Switching rates for Lineside BSA, Trunkside BSAs and Feature Groups are applied on a per minute of use basis and are offered in two categories, LS1 and LS2.

(a) LS1 provides local dial switching functions for Lineside BSA, Trunkside BSA - 950 Option and Feature Groups A and B except for Lineside BSA, Trunkside BSA - 950 Option and Feature Groups A and B used to terminate traffic to a WATS Access Line (WAL) provided from an equal access end office, or when Trunkside BSA-950 Option or FGB is subscribed to by provider of MTS and WATS.

(b) LS2 provides local dial switching functions for Trunkside BSA- 101XXXX Option and Feature Group D and for Lineside BSA, Trunkside BSA - 950 Option and Feature Groups A and B used to terminate traffic to a WAL provided from an equal access end office, for 500 Access Service, Toll Free Data Base Access Service, and 900 Access Service traffic originating from or terminating to an equal access end office, or in conjunction with Trunkside BSA-950 Option or FGB when subscribed to by a provider of MTS and WATS, and for Trunkside BSA-101XXXX Option and for FGD Service used in conjunction with Telecommunication Relay Service Center traffic. Where end offices are appropriately equipped, international dialing may also be provided as a capability of LS2 local dial switching functions for Trunkside BSA-101XXXX Option and Feature Group D, i.e., the capability of switching international calls with service prefix and address codes having more digits than can be switched through a standard Trunkside BSA-101XXXX Option or Feature Group D end office. (D) (D) (D) (D) (D) (D)

(This page filed under Transmittal No. 1156)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Local Switching (Cont'd)

Rates for LS1 - Lineside BSA, Trunkside BSA - 950 Option and Feature Groups A and B, Trunkside BSA-101XXXX Option and Feature Group D, are set forth in 6.9.2(A) following. The application of these rates is as set forth in 6.8.1(D) following. (D) (D)

Local Switching Shared End Office Trunk Port

The Local Switching Shared End Office Trunk Port minutes-of-use rate provides for the use of the shared end office trunk ports for termination of common transport trunk, and/or FGA access minutes at an end office.

Local Switching Dedicated End Office Trunk Port

The Local Switching Dedicated End Office Trunk Port monthly rate provides for termination of a dedicated trunk in the end office port. The rate is assessed per activated trunk for all trunkside services, per analog or digital end office.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Local Switching (Cont'd)

(c) End Office Switching Equipment

Where end offices are appropriately equipped, international dialing may be provided as a capability associated with LS2. International dialing provides the capability of switching international calls with service prefix and address codes having more digits than are capable of being switched through a standard Trunkside BSA-101XXXX Option or FGD equipped end office. (D)

There are two types of switching functions performed in the end office, i.e., Common Switching functions and Transport Termination functions. These are described following:

- Common Switching

Common Switching provides the local end office switching functions associated with the various access (i.e., Feature Group Services, Lineside and Trunkside BSAs) switching arrangements. The Common Switching arrangements provided for the various Switched Access arrangements are described in 6.2 following.

Included as part of the Common Switching are various nonchargeable optional features which the customer can order to meet the customer's specific communications requirements. These optional features are described in 6.4.1 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Local Switching (Cont'd)

(c) End Office Switching Equipment (Cont'd)

- Transport Termination

Transport Termination provides for the line or trunk side arrangements which terminate the Switched Transport facilities. Included as part of Transport Termination are various nonchargeable optional termination arrangements. These optional terminating arrangements are described in 6.4.2 following.

The number of transport terminations provided will be determined by the Telephone Company as set forth in 6.6.6 following.

(d) Line Termination

The Line Termination function provides the terminations for the end user lines terminating in the local end office. There are two types of Line Terminations, i.e., Common Line Terminations and WATS Access Line Terminations.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Local Switching (Cont'd)

(d) Line Termination (Cont'd)

The WATS Access Line Service, Line Terminations are differentiated by line side vs. trunk side terminations. The standard WATS Access Line Service arrangement is available with a line side termination. There are various types of originating and terminating line side terminations depending on the type of signaling associated with the WATS Access Line (i.e., loop start or ground start). In addition, there are also two types of originating and terminating WATS Access Line trunk side terminations that are available in lieu of standard line side terminations. Trunk side terminations are provided only in association with certain Line Termination optional features as specified following:

- Dialed Number Identification Service (DNIS)

The Dialed Number Identification Service optional feature, which is available with terminating only WATS Access Lines, permits a customer's end user with multiple Toll Free Data Base Access Service telephone numbers in the same service group to identify the specific telephone number which was dialed by the calling party. Identification is accomplished by outpulsing four digits which distinguish the dialed Toll Free Data Base Access Service number to customer premises equipment at the end user's premises. The digits are outpulsed to the end user premises over the WATS Access Connection. All WATS Access Line Connections in the same service group must be equipped for DNIS. The number of dialable Toll Free Data Base Access Service telephone numbers accessing a service group equipped for DNIS cannot exceed the number of WATS Access

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Local Switching (Cont'd)

(d) Line Termination (Cont'd)

- Dialed Number Identification Service (DNIS)(Cont'd)

  Lines in the service group. DNIS is provided with reverse battery type supervisory signaling and requires battery type supervisory signaling and requires the use of trunk side terminations in lieu of standard line side terminations.

  DNIS is a non chargeable optional feature.

- WATS Answer Supervision

  WATS originating only Access Connections may, at the option of the customer be ordered with WATS Answer Supervision. When the terminating end answers, provided the Interexchange Carrier passes Answer Supervision to the Exchange Carrier, Answer Supervision will provide a signal to the originating end user that the distant end has answered. The exact timing of Answer Supervision is dependent upon the Interexchange Carrier. Answer Supervision is available with both two and four wire WATS Access Lines and is arranged for Wink reverse battery supervision on MF signaling. Answer Supervision is subject to the rates in 6.9.2(B)(3) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(1) Local Switching (Cont'd)

(e) Intercept

The Intercept function provides for the termination of a call at a Telephone Company Intercept operator or recording. The operator or recording tells a caller why a call, as dialed, could not be completed, and if possible, provides the correct number.

(2) Reserved for Future Use (C)

(D)
|
|
(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(D)

(D)

(3) Information Surcharge

The Information Surcharge is a charge to recover costs that have been assigned to the interstate Information category through Parts 36 and 69 of the Commission's Rules. These costs are other than those incurred in the provision of interstate Directory Assistance Service as set forth in 9. following.

The Information Surcharge is assessed to the customer based on the total number of access minutes. The rates are set forth in 6.9.7 following. The application of these rates with respect to the individual Feature Groups is as set forth in 6.8.1(D) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) End Office (Cont'd)

(4) Toll Free Access Service Nonrecurring Charge

The Toll Free Access Service nonrecurring charge is assessed to the customer based on NXXs activated, or deactivated, in conjunction with Toll Free Access Service. The charge varies depending on how the customer orders NXXs activated or deactivated, i.e., by State or LATA. When ordered by LATA, for both NXXs activated and deactivated, each NXX in the LATA is subject to the charge. Subsequent orders for those NXXs to be activated or deactivated in a different LATA will again be subject to the charge. When ordered by State, for both NXXs activated or deactivated, the charge applies for each NXX only once even if multiple LATAs are involved.

(5) 900 Access Service Nonrecurring Charge

The 1+900 Access Service nonrecurring charge is assessed to the customer based on NXX codes activated, or deactivated, in conjunction with 900 Access Service. The charge varies depending on how the customer orders NXXs activated or deactivated, i.e., by State or LATA. When ordered on a LATA basis, for both NXXs activated and deactivated, each NXX in the LATA is subject to the charge. If subsequent orders activate or deactivate NXX codes previously ordered in a different LATA, the nonrecurring charge still applies to the NXX codes activated or deactivated on the subsequent order.

The 0+900 Access Service nonrecurring charge is assessed to the customer based on end offices activated in conjunction with 900 Access Service.

(6) The Switched 56 Kilobit charge is assessed to the customer based on the total number of Switched 56 Kilobit access minutes. Switched 56 Kilobit access minutes are those access minutes transported via separate Switched 56 Kilobit trunks as specified in 6.2.4(A)(9) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Special Facilities Routing

Any customer may request that the facilities used to provide Switched Access Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are as set forth in 11. following.

6.1.4 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the makeup of the facilities and services provided from the customer's premises to the first point of switching. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

6.1.5 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters: loss, C-notched noise, C-message noise, 3-tone slope, d.c. continuity and operational signaling. When the Switched Transport is provided with interface Groups 2 through 10 and the Transport Termination is two-wire (i.e., there is a four-wire to two-wire conversion in Switched Transport), balance parameters (equal level echo path loss) may also be tested.

6.1.6 Ordering Options and Conditions

Switched Access Service is ordered under the Access order provisions set forth in 5. preceding. Also, included in that Section are other charges which may be associated with ordering Switched Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements

Switched Access Feature Group Service is provided in different service arrangements; Feature Group A through D. The provision of each arrangement requires Switched Transport facilities and the appropriate End Office functions. In addition, WATS Access Lines Service as described in 7.2.3.1 following may, at the option of the customer, be provided for use with Feature Groups A, B, C and D.

There are three specific transmission specifications (i.e., Types A, B and C) that have been identified for the provision of Switched Access Arrangements. The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission specifications are set forth in 6.5.1 following.

Feature Groups are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered, while 500 Access Service, Toll Free Data Base Access Service, and 900 Access Service are arranged for originating only. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously. The Telephone Company will determine the type of calling to be provided unless the customer requests that a different type of directional calling is to be provided. In such cases, the Telephone Company will work cooperatively with the customer to determine the directionality.

For Telephone Company provided facilities between an access tandem and a TRS Center, calls will be delivered only in the originating direction. For calls originating from a TRS Center routed through an access tandem, access minutes of use will be reported by the TRS provider until the Telephone Company attains the appropriate measurement capabilities.

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

There are various nonchargeable optional and chargeable optional features available with the Switched Access Arrangements. These additional optional features are provided as Switched Transport, Common Switching, Transport Termination or Line Termination Options.

Following are detailed descriptions of each of the available Feature Groups. Each is described in terms of its specific physical characteristics and calling patterns, the transmission specifications with which it is provided, the optional features available for use with it and the standard testing capabilities.

The Common Switching and Transport Termination optional features, which are described in 6.4 following, are available at all Telephone Company end office switches, unless specifically stated otherwise.

6.2.1 Feature Group A (FGA)#

(A) Description

(1) FGA is provided in connection with Telephone Company electronic and electromechanical end offices. At the option of the customer, FGA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling. FGA is arranged for use by the customer in the provision of its FX/ONAL service or MTS/WATS-type service.

(2) FGA provides a line side termination at the first point of switching. The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.

# FGA is no longer available as specified in the footnote on Page 14-93. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)
6.2.1 Feature Group A (FGA)# (Cont'd)
(A) Description (Cont'd)

Material previously found on this page can now be found on Original Page 14-93.

(This page filed under Transmittal No. 1402)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Feature Groups (Cont'd)

6.2.1 Feature Group A (FGA)# (Cont'd)

(A) Description (Cont'd)

(3) The Telephone Company shall select the first point of Switching, within the selected LATA, at which the lineside termination is to be provided unless the customer requests a different first point of switching and Telephone Company facilities and measurement capabilities are available to accommodate such a request. Feature Group A service will only be provided in switch types with technical capabilities to provide terminating call screening and individualized call billing detail for both originating and terminating traffic existing. FGA customers (Service in place prior to January 1, 1986) provided service out of offices not possessing these technical capabilities may retain their existing services and may continue to add or subtract lines.

(4) Entrance facilities are required between the serving wire center and an interexchange carrier's point of presence, or to a Telephone Company provided interstate transport capability, and the customer shall provide the connecting facility assignment (CFA) information, as defined in Section 2.6 preceding, using the industry standard Common Language Facility Identification. The CFA must include channel assignment information necessary to connect the FGA service to the interstate network.

(5) For existing FGA service installed prior to February 24, 1997, connecting facility assignment information is not required. This information must be provided if any changes or rearrangements are requested for the existing services.

# Availability limited. Please refer to # footnote on Page 14-93. (T)

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.1 Feature Group A (FGA)# (Cont'd)

(A) Description (Cont'd)

(6) A seven digit local telephone number assigned by the Telephone Company is provided for access to FGA switching in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX.

If the customer requests a specific seven digit telephone number that is not currently assigned, and the Telephone Company can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.

(7) FGA switching, when used in the terminating direction, is arranged with dial tone start-dial signaling. When used in the terminating direction FGA switching may, at the option of the customer, be arranged for dial pulse or dual tone multifrequency address signaling, subject to availability of equipment at the first point of switching. When FGA switching is provided in a hunt group or uniform call distribution arrangement, all FGA switching will be arranged for the same type of address signaling.

(8) No address signaling is provided by the Telephone Company when FGA switching is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.

# Availability limited. Please refer to # footnote on Page 14-93. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.1 Feature Group A (FGA)# (Cont'd)

(A) Description (Cont'd)

(9) FGA switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, local operator service (0- and 0+), directory assistance (411 or 555-1212, whichever is available), emergency reporting service (911), exchange telephone repair ((800) 275-2355 where available), time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate digits). Charges for FGA terminating calls requiring operator assistance on calls to (800) 275-2355 or 911 will only apply where sufficient call details are available. Additional non-access charges will also be billed on a separate account for (1) an operator surcharge, as set forth in the general services tariffs, for local operator assistance (0- and 0+) calls, (2) calls to certain community information services, for which rates are applicable under Telephone Company local general services tariffs, e.g., 976 Network Services, and, (3) calls from a FGA line to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls to community information services are permitted only where billing capability exists, i.e., sufficient billing and call detail is available to permit the billing of applicable non-access charges. For calls to Directory Assistance (411 and 555-1212 whichever is available), Switched Access Service usage rates will not apply. Instead, calls to this service are subject to the Directory Assistance Service per call rates as set forth in 9.6(B) following.

# Availability limited. Please refer to # footnote on Page 14-93. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.1 Feature Group A (FGA)# (Cont'd)

(A) Description (Cont'd)

(10) When a FGA switching arrangement for an individual customer (a single line or entire hunt group) is discontinued at an end office, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

(B) Optional Features

(1) Common Switching Optional Features

(a) Hunt Group Arrangement
(b) Uniform Call Distribution Arrangement
(c) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement
(d) Call Denial
(e) Service Code Denial
(f) Toll Billing Exception
(g) WATS Access Line Service with the following options:
1) Hunt Group Arrangement
*2) Uniform Call Distribution Arrangement
*3) Nonhunting Number for use with Hunt Group or Uniform Call Distribution Arrangements
4) Code Screening
5) Overflow Advance Arrangement

# Availability limited. Please refer to # footnote on Page 14-93. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.1 Feature Group A (FGA)# (Cont'd)

(B) Optional Features (Cont'd)

(2) Transport Termination Optional Features

(a) Two-way operation with dial pulse address signaling and loop start supervisory signaling
(b) Two-way operation with dial pulse address signaling and ground start supervisory signaling
(c) Two-way operation with dual tone multifrequency address signaling and loop
(d) Two-way operation with dual tone multifrequency address signaling and ground start supervisory signaling
(e) Terminating operation with dial pulse address signaling and loop start supervisory signaling
(f) Terminating operation with dial pulse address signaling and ground start supervisory signaling
(g) Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling
(h) Terminating operation with dual tone multifrequency address signaling and ground start supervisory signaling
(i) Originating operation with loop start supervisory signaling
(j) Originating operation with ground start supervisory signaling.

# Availability limited. Please refer to # footnote on Page 14-93. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.1 Feature Group A (FGA)# (Cont'd)

(B) Optional Features (Cont'd)

(3) Switched Transport Optional Features

(a) Supervisory Signaling (as set forth in 6.1.2(A)(2)(a) preceding)
(b) Customer Specified Entry Switch Receive Level

(4) Certain other features which may be available in connection with Feature Group A are provided under the Telephone Company's local general services tariffs: These are:

(a) Call Forwarding
(b) Call Waiting
(c) Speed Calling
(d) Remote Call Forwarding
(e) IntraLATA extensions
(f) Directory listings

(C) Transmission Specifications

FGA is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with FGA to the first point of switching.

# Availability limited. Please refer to # footnote on Page 14-93. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Feature Groups (Cont'd)

6.2.1 Feature Group A (FGA)# (Cont'd)

(D) Testing Capabilities

FGA is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line and milliwatt (102 type) test line. In addition to the tests described in 6.1.5 preceding which are included with the installation of service, additional Cooperative Acceptance Testing and Nonscheduled Testing are available for FGA as set forth in 13.3. 4. following.

6.2.2 Feature Group B (FGB)

(A) Description

(1) FGB, when directly routed to an end office (i.e., provided without the use of an access tandem switch), is provided at appropriately equipped Telephone Company electronic end office switches. When provided via Telephone Company designated electronic access tandem switches, FGB switching is provided at Telephone Company electronic and electromechanical end office switches.

(2) FGB is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.

(3) FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for FGB switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements as set forth in 6.4 following, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Switched Transport provided.

# Availability limited. Please refer to # footnote on Page 14-93. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangement (Cont'd)

6.2.2 Feature Group B (FGB) (Cont'd)

(A) Description (Cont'd)

(4) The access code for FGB switching is a uniform access code. The form of the uniform access code is 950-XXXX for carriers. These uniform access codes will be the assigned access numbers of all FGB switched access service provided to the customer by the Telephone Company.

(5) FGB switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider and other customers' services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls to certain community information services for which rates are applicable under

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Feature Groups (Cont'd)

6.2.2 Feature Group B (FGB) (Cont'd)

(A) Description (Cont'd)

(5) (Cont'd)

Telephone Company local general services tariffs, e.g., 976 Network Service. Calls to community information services are permitted only where billing capability exists, i.e., sufficient billing and call detail is available to permit the billing of applicable non-access charges. Additionally, non-access charges will also be billed for calls from a FGB trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 or 555-1212 whichever is available), service codes (800) 275-2355 and 911 or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 411 or 555-1212, whichever is available) when FGB Switching is combined with Directory Assistance Switching. The combination of FGB Switched Access Service with DA Service is provided as set forth in 9. following. FGB may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, D, Trunkside BSA - 950 Option, and (D)
Trunkside BSA-101XXXX Option. When a provider of MTS and WATS subscribes to both FGB and FGD at an equal access end office, all such FGB and FGD usage (D)
originating and terminating at those end office will be subject to the premium Carrier Common Line, Switched Transport, Local Switching - LS2, the Residual Interconnection Charge, and Information Surcharge rates set forth in 3.9 and 6.9.

(This page filed under Transmittal No. 1156)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.2 Feature Group B (FGB) (Cont'd)

(A) Description (Cont'd)

(6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGB switching is provided. When required by technical limitations, a separate trunk group will be established for each type of FGB switching arrangement provided. Different types of FGB or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

(7) When all FGB switching arrangements are discontinued at an end office and/or in a LATA, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

(B) Optional Features

(1) Common Switching Optional Features

(a) Automatic Number Identification (ANI)

(b) Up to 7 Digit Outpulsing of Access Digits to customer

(c) WATS Access Line Service with the following options:

1) Hunt Group Arrangement
*2) Uniform Call Distribution Arrangement
*3) Non hunting number for use with Hunt Group or Uniform Call Distribution Arrangements
4) Code Screening
5) Overflow Advance Arrangement

(d) Alternate Traffic Routing

* Available only when the WATS Access Line service is provided from a converted or equal access end office.

(This page filed under Transmittal No. 23)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.2 Feature Group B (FGB) (Cont'd)

(B) Optional Features (Cont'd)

(2) Transport Termination Optional Features

(a) Rotary Dial Station Signaling

(3) Switched Transport Optional Features Where Available

(a) Customer Specification of Switched Transport Termination

(b) Supervisory Signaling (as set forth in 6.1.2(A)(2)(a) preceding.)

(c) Customer specified Entry Switch Received Level.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.2 Feature Group B (FGB) (Cont'd)

(C) Transmission Specifications

FGB is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the end office when routed directly or to the first point of switching when routed via an access tandem. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with FGB to the first point of switching.

(D) Testing Capabilities

FGB is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line and milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.5 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Nonscheduled Testing are available for FGB as set forth in 13.3.4. following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.3 Reserved for Future Use (C)

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

(D)

(D)

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Feature Groups (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.3 Feature Group C (FGC) (Cont'd)

(B) Optional Features

(1) Common Switching Optional Features Where Available

(a) Automatic Number Identification (ANI)
(b) Service Class Routing
(c) Dial Pulse Address Signaling
(d) Revertive Pulse Address Signaling
(e) Immediate Dial Pulse Address Signaling
(f) Alternate Traffic Routing
(g) Panel Call Indicator Address Signaling
(h) Code Screening for Use with WATS Access Line Service
(i) Hunt Group Arrangement for Use with WATS Access Line Service
(j) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
(k) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Lines.
(l) Overflow Advance Arrangement for Use with WATS Access Line Service
(m) Delay Dial Start-Pulsing Signaling
(n) 900 Access Service

(2) Transport Termination Optional Features

(a) Operator Trunks - i.e., Coin, Non-Coin and Combined Coin and Non-Coin. (Non-Coin Trunks are provided at Telephone Company electronic and electromechanical end offices. Coin and Combined Coin and Non-Coin are provided only at Telephone Company electronic end offices and other Telephone Company end offices where equipment is available.)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.3 Feature Group C (FGC) (Cont'd)

(B) Optional Features (Cont'd)

(3) Switched Transport Optional Features

(a) Supervisory Signaling (as set forth in 6.1.2(A)(2)(a) preceding)

(4) Line Termination Optional Features

(a) Dialed Number Identification Service
(b) Answer Supervision

(C) Transmission Specifications

FGC is provided with either Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or Type C is provided.

- When routed to an access tandem only Type B is provided.

- Type B or Type C is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2 through 10, whether routed directly to an end office or to an access tandem.

Type DB Data Transmission Parameters are provided with FGC for the transmission path between the customer's premises and the end office when directly routed to the end office, and Type DB Data Transmission Parameters are provided for the transmission between the customer's premises and the access tandem and between the access tandem and the end office when routed via an access tandem.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.3 Feature Group C (FGC) (Cont'd)

(D) Testing Capabilities

FGC is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.5 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Cooperative Scheduled Testing or Manual Scheduled Testing, and Nonscheduled Testing are available as set forth in 13.3.4 following for FGC.

6.2.4 Feature Group D (FGD)

(A) Description

(1) FGD is provided at Telephone Company designated electronic end office switches whether routed directly or via Telephone Company designated electronic access tandem switches.

Feature Group D with out of band signaling is provided where conditions permit through Telephone Company designated switches.

(2) FGD is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment may be provided with wink start start-pulsing signals and answer and disconnect supervisory signaling, or without signaling when out of band signaling is specified.

(3) FGD switching is provided with multifrequency address or out of band signaling. When FGD switching is used with the 950 dialing option, FGD is only available from SS7 equipped offices. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

(4) FGD switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under Telephone Company local general service tariffs, e.g., 976 Network Service. Calls to community information services are permitted only where billing capability exists, i.e., sufficient billing and call detail is available to permit the billing of applicable non-access charges. Additionally, non-access charges will also be billed for calls from a FGD trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 or 555-1212 whichever is available), service codes (800) 275-2355 and 911, 101XXXX access codes or to a TRS Center. Calls will be completed to Directory Assistance (NPA-555-1212 or 411 or 555-1212, whichever is available) when FGD switching is combined with Directory Assistance switching. The combination of FGD Switched Access Service with DA Service is provided as set forth in 9. following. FGD may not be switched, in the terminating direction, to Switched Access Service Feature Groups B, D, Trunkside BSA - 950 Option, or Trunkside BSA-101XXXX Option. (D)

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

(5) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where FGD switching is provided. When required by technical limitations, or in the case of Switched 56 Kilobit Service, a separate trunk group will be established for each type of FGD switching arrangement provided. Different types of FGD or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company. (D)

(6) The access code for FGD switching is a uniform access code of the form 101XXXX. A single access code will be the assigned number of all FGD access provided to the customer by the Telephone Company. No access code is required for calls to a customer over FGD Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that customer, as set forth in 4. preceding. As an option, where technically feasible, 950 on FGD may be accessed by dialing an associated uniform 950-XXXX access code. When used with the 950 dialing option, FGD is only available with SS7 signaling equipped offices.

Where no access code is required, the number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP), except for 00- dialed calls which are routed to the predesignated customer. For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD), 01 + CC + NN or 011 + CC + NN.

When the 101XXXX access code is used, FGD switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Telephone Company's emergency reporting service, or the end-of-dialing digit (#) for cut-through access to the customer's premises.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(A) Description (Cont'd)

(6) (Cont'd)

When the 101XXXX 1+ or 011+ sent-paid access code is dialed from a Telephone Company pay telephone to a customer that has not ordered per 6.4.2(B) or (C) following, the calls will be routed to a Telephone Company recording.

Rates and charges applicable to 950 on FGD service are as specified in Section 6.9.2 following.

In addition, customers who order 950 on FGD service from the effective date of this tariff until January 31, 1998 will only pay fifty percent of the appropriate nonrecurring charge.

(7) At the option of the customer, Switched 56 Kilobit Service as specified following is available for use with Trunkside BSA-101XXXX Option and Feature Group D. Switched 56 Kilobits traffic is ordered as set forth in 5.2 preceding and is delivered to the customer via separate Trunkside BSA-101XXXX Option or FGD trunks capable of or FGD trunks capable of supporting 56 Kbps digital transmission.

Switched 56 Kilobit service is an arrangement whereby customers may receive, or send, data at a speed of 56 Kbps from designated switches over dedicated trunks. The number dialed by the customer's end user shall be a seven or ten digit number in the form of NXX-XXXX, 1+NXX-XXXX, 101XXXX+NXX-XXXX, NPA+NXX-XXXX, 1+NPA+NXX-XXXX, or 101XXXX+NPA+NXX-XXXX and when the end office is equipped for International Direct Distance Dialing (IDDD), 011+CC+NN.

All rates and charges normally applicable to Trunkside BSA-101XXXX Option and Feature Group D, i.e., non-recurring, monthly recurring, and usage sensitive apply to Switched 56 Kilobit Service. Additionally, a per Switched 56 Kilobit access minute of use charge specified in 6.1.2 (9) preceding and 6.9.7 following, apply to Switched 56 Kilobit Service.

This option is not available in combination with out of band signaling.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(B) Optional Features

(1) Common Switching Optional Features

(a) Automatic Number Identification (ANI)
(b) Service Class Routing
(c) Alternate Traffic Routing
(d) International Carrier Option
(e) Code Screening for Use with WATS Access Line Service
(f) Hunt Group Arrangement for Use with WATS Access Line Service
(g) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
(h) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Lines
(i) Overflow Advance Arrangement for Use with WATS Access Line Service
(j) Calling Party Number * +
(k) Charge Number *
(l) Carrier Selection Parameter * ++
(m) Access Transport Parameter * ++
(n) Flexible Automatic Number Identification(Flex ANI)
(o) 900 Access Service
(p) Carrier Identification Parameters (CIP) * ++
(q) 950-XXXX Dialing On FGD*

(2) Transport Termination Optional Features

(a) Operator Trunk, Full Feature Arrangement

\+ CPN is not offered in Pennsylvania and/or where it is not technically feasible.
++ Available only at selected Telephone Company switches.
* Available only on originating FGD.

(This page filed under Transmittal No. 23)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(B) Optional Features (Cont'd)

(3) Switched Transport Optional Features

(a) Supervisory signaling (as set forth in 6.1.2(A)(6)(a) preceding).
(b) Customer Specified Entry Switch Receive Level (as set forth in 6.1.2(A)(6)(b) preceding).
(c) Customer Specification of Switched Transport Termination (as set forth in 6.1.2(A)(6)(c) preceding).
(d) Tandem to End Office Re-Route Option (as set forth in 6.1.2(A)(6)(d) preceding).
(e) Out of band signaling (as set forth in 6.1.2(A)(6)(e) preceding).

(4) Line Termination Optional Features

(a) Dialed Number Identification Service
(b) Answer Supervision

(This page filed under Transmittal No. 23)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.4 Feature Group D (FGD) (Cont'd)

(C) Transmission Specifications

FGD is provided with either Type A, Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or C is provided.

- When routed to an access tandem only Type A is provided.

- Type A is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2 through 10.

900 Access Service traffic originating from equal access end offices with six digit translation capability, and for 500 Access Service and Toll Free Data Base Access Service traffic originating from end offices with Data Base query functionality, all normal Feature Group D parameters apply.

500 Access Service, Toll Free Data Base Access Service, and 900 Access Service, traffic originating from all other end offices, Type A Transmission Specifications are provided for the facility between the access tandem and the customer's premises.

Feature Group D trunks equipped for Switched 56 Kilobit Service traffic are subject to the following transmission specification:

- Transmission rate is 56 Kbps full duplex

(D)
|
(D)

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.5 Switched Transport Facilities

Customers requesting Lineside or Trunkside Switched Access service must specify the type of Collocated Interconnection Cross-Connect Service and SPOT Bay Frame and Terminations pursuant to Section 19 following, Entrance Facility, or DS3, DS1, or Voice Grade between the customer's facilities or Collocated Interconnected arrangement and the SWC. (See Note below.)

The customer must also specify if Direct Trunked Transport or Tandem Switched Transport is desired. Tandem Switched Transport is not available for Lineside Switched Access Service. If Direct Trunked Transport is requested, the customer must specify the type of Direct Trunked Transport facility, DS3, DS1, or Voice Grade to be utilized. If Tandem Switched Transport is requested, the Telephone Company shall determine the type of facilities to be utilized from the SWC of the customer's facilities to the end office, via the access tandem, based on the customer's order for service on a busy hour minutes of capacity or on a per trunk basis. (D)

There are several types of facilities, IEF, DS3, DS1, or Voice Grade, available to the customer for Entrance Facilities and Direct Trunked Transport facilities for Lineside or Trunkside Switched Access service. Following is a brief description of each type of facility. Each type, as well as Collocated Interconnection Cross-Connect Service and SPOT Bay Frame and Terminations as specified in Section 19 following, has its own characteristics and is available with multiplexing options as set forth in 6.1.2(A)(7)(b) preceding. (D)

(a) Voice Grade Facility

A Voice Grade facility is an electrical communications path, which provides voice-frequency transmission in the nominal frequency range of 300 to 3000 Hz and may be terminated two-wire or four-wire. Compatible Interface Groups are described in 6.1.2(A)(6) preceding.

Note: See Section 19 following for further information.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.5 Switched Transport Facilities (Cont'd)

(b) DS1 Facility

DS1 facilities are available for Entrance Facilities and for Direct Trunked Transport facilities. A DS1 facility is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice-frequency transmission paths. Compatible Interface Groups are described in 6.1.2(A)(6) preceding.

(c) DS3 Facility

DS3 facilities are available for Entrance Facilities and Direct Trunked Transport facilities. A DS3 facility is capable of transmitting electrical signals at a nominal 44.736 Mbps, with the capability to channelize up to 672 voice-frequency transmission paths. Compatible Interface Groups are described in 6.1.2(A)(6) preceding.

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.5 Switched Transport Facilities (Cont'd)

(d) IntelliLight Entrance Facilities (IEF)

IEF facilities are available for Entrance Facilities and Direct Trunk Transport. An IEF facility is capable of providing unlimited quantities of STS1s, STS3s or STS12s. An IEF facility may require both a termination and an interface. IEF facilities are described in more detail in Section 6.8.25 following.

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd)

6.2.5 Switched Transport Facilities (Cont'd)

Beginning August 7, 1998, the Telephone Company will no longer offer DS3C with an optical interface in response to new requests. All new requests for DS3 optical interfaces will be provisioned over SONET transmission devices. The new optical option is DS3 SONET Optical Interface (SOI). Those DS3 services provisioned prior to August 7, 1998, with Telephone Company provided Optical Line Terminating Equipment (OLTE) located in the Serving Wire Center, will continue to be provided and maintained. A more detailed description of DS3 SONET Optical Interface is included in Section 7.2.9(A) following.

When the customer has ordered Trunkside BSA-101XXXX Option or Feature Group D with out of band signaling as set forth in 6.1.2(A)(6)(e) preceding, the Telephone Company will provide out of band signaling in accordance with the technical specifications set forth in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, and (T)
Supplement, August 1992, and Technical Reference GR-905-CORE, (C)(x)
Issue 11, and as specified in sections 6.1.2 and 6.4.1. (C)(x)

(x) GR-905-CORE, Issue 11, replaces TR-TSV-000905 and TR-TSV-000962, Issue 1 in their entirety.



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs

Switched Access Service is also provided in the form of three unbundled Basic Serving Arrangements (BSAs) - Lineside, Trunkside and Dedicated Network Access Link (DNAL) connections. The provision of Lineside and Trunkside BSAs requires Switched Transport facilities and the appropriate Local Switching functions. The provision of DNAL BSAs requires Channel Mileage facilities and the appropriate Channel Termination functions. In addition, WATS Access Line Service as described in section 7.2.3.1 following may, at the option of the customer, be provided for use with the Lineside BSA and Trunkside BSAs.

There are also various Switched Transport and Local Switching optional features and Basic Service Elements (BSEs) available with a BSA. Unless specifically stated otherwise, these BSEs and features are available at most Telephone Company end office switches. WATS Access Line Service termination optional features and BSEs are available only in the end office designated as WATS serving offices.

There are three specific transmission specifications (i.e., Types A, B, and C) that have been identified for the provision of BSAs. The specifications provided are dependent on the interface group and the routing of the service (i.e., whether the service is routed directly to the end office or via an access tandem). The parameters for the transmission specifications are set forth in section 6.6 following.

Lineside and Trunkside BSAs are arranged for either originating, terminating or two-way calling, based on the customer end office switching capability ordered. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's facilities. Terminating calling permits the delivery of calls from the customer's facilities to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously. The Telephone Company will determine the type of calling to be provided unless the customer requests that a different type of directional calling is to be provided. In such cases, the Telephone Company will work cooperatively with the customer to determine the directionality.

For Telephone Company provided facilities between an access tandem and a TRS Center, calls will be delivered only in the originating direction. For calls originating from a TRS Center routed through an access tandem, access minutes of use will be reported by the TRS provider until the Telephone Company attains the appropriate measurement capabilities.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

Following are detailed descriptions of each of the available BSAs. Each BSA is described in terms of its specific physical characteristics and calling patterns, the transmission specifications with which it is provided, the optional features and BSEs available for use with it, and the standard testing capabilities.

6.3.1 Lineside BSA#

(A) General Description

(1) Lineside BSA is provided in connection with the Telephone Company electronic and electromechanical end offices. At the option of the customer, Lineside BSA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling. Lineside BSA provides lineside access to Telephone Company end office switches with an associated seven-digit local telephone number for the customer's use in originating communications (1) to an Interexchange Carrier's interstate service, or (2) to the Telephone Company's facilities when used to provide dial tone service from the Telephone Company's end office switch in a state other than the state of the customer's normal serving end office.

# Availability limited. Please refer to # footnote on Page 14-105. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.3 Provision and Description of Switched Access BSAs (Cont'd)

Material previously found on this page can now be found on Original Page 14-105.

(This page filed under Transmittal No. 1403)

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.1 Lineside BSA# (Cont'd)

(A) General Description (Cont'd)

(1) (Cont'd)

Entrance facilities are required between the serving wire center and an interexchange carrier's point of presence, or to a Telephone Company provided interstate transport capability, and the customer shall provide the connecting facility assignment (CFA) information, as defined in Section 2.6 preceding, using the industry standard Common Language Facility Identification. The CFA must include channel assignment information necessary to connect the Lineside BSA to the interstate network.

For existing Lineside BSA that is installed prior to February 24, 1997, connecting facility assignment information is not required. This information must be provided if any changes or rearrangements are requested for the existing services.

(2) Lineside BSA provides for a lineside termination at the first point of switching, which shall be selected by the Telephone Company within the requested LATA, unless the customer requests a different location at which Telephone Company facilities and measurement capabilities are available to accommodate such a request.

(3) The Telephone Company assigns a seven digit telephone number associated with the selected end office to provide access to Lineside BSA in the originating direction. The assigned number will be in the form NXX-XXXX. If the customer requests a specific number that is currently unassigned, the requested number will be assigned to the customer if the Telephone Company can comply with that request with reasonable effort.

(4) Calls from end users to the seven digit telephone numbers associated with Lineside BSA may be subject to Telephone Company Local and/or General Exchange

# Availability limited. Please refer to # footnote on Page 14-105. (T)

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.1 Lineside BSA# (Cont'd)

(A) General Description (Cont'd)

(4) (Cont'd)

Service tariff charges (including message unit and toll charges, as applicable). The monthly bills rendered to customers for their Lineside BSA service for which section 3, Carrier Common Line Access Service charges apply will include a credit to reflect message unit charges collected from their end users under the Telephone Company's Local and/or General Exchange Service tariffs. The credit will apply for recorded originating usage, as appropriate, for the Lineside BSA service provided. No credit will apply for any terminating Lineside BSA access minutes. The message unit credit for originating Lineside BSA access minutes is set forth in section 6.8.11.

(5) At the option of the customer, Lineside BSA will be provided:

(a) with either ground start or loop start supervisory signaling and

(b) on a single or multiple line group basis.

(6) When Lineside BSA is used in the originating direction, no address signaling is provided by the Telephone Company. If such signaling is required, it must be provided by the customer's end user using inband tone signaling techniques. Inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.

(7) When used in the terminating direction, Lineside BSA is arranged with dial tone start-dial signaling. At the option of the customer, terminating Lineside BSA may be arranged for dial pulse or dual tone multifrequency address signaling, subject to the availability of equipment at the first point of switching. When Lineside BSA is provided with a

# Availability limited. Please refer to # footnote on Page 14-105. (T)

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.1 Lineside BSA# (Cont'd)

(A) General Description (Cont'd)

(7) (Cont'd)

hunt group or uniform call distribution arrangement BSE, all Lineside BSAs will be arranged for the same type of address signaling.

Lineside BSA switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, local operator service (0- and 0+), Directory Assistance (411 where available and 555-1212), emergency reporting service (911 where available), time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customer's services (by dialing the appropriate digits). Charges for Lineside BSA terminating calls requiring operator assistance or calls to (800) 275-2355 or 911 will only apply where sufficient call details are available.

(8) Additional non-access charges will also be billed on a separate account for (1) an operator surcharge, as set forth in the local exchange tariffs, for local operator assistance (0- and 0+) calls, (2) calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 Network Services, and, (3) calls from a Lineside BSA line to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. For Lineside BSA calls to Directory Assistance (411 where available and 555-1212), Switched Access Service usage rates will not apply. Instead, Lineside BSA calls to this service are subject to the Directory Assistance and Directory Assistance Service per call rates as set forth in section 9.6(B) following.

(9) When Lineside BSA for an individual customer (A single line or entire hunt group) is discontinued at an end office, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service

# Availability limited. Please refer to # footnote on Page 14-105. (T)

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.1 Lineside BSA# (Cont'd)

(A) General Description (Cont'd)

(9) (Cont'd)

associated with the number dialed has been discontinued.

(10) When a WAL service is provided in conjunction with a Lineside BSA, the customer will be provided with Routing of IntraLATA Calls to the Telephone Company for Use with WATS Access Line Service Option.

(B) Lineside BSA Optional Features and BSEs

(1) Common Switching

(a) Hunting Service Arrangements (BSE)
(b) Uniform Call Distribution Arrangement (BSE)
(c) Non-Hunt Directory Numbers (BSE)
(d) Call Denial (Optional Feature)
(e) Service Code Denial (Optional Feature)
(f) Toll Billing Exception (Optional Feature)
(g) WATS Access Line Service with the following options:
    (1) Hunt Group Arrangement (Optional Feature)
    (2) Uniform Call Distribution Arrangement (Optional Feature)
    (3) Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement (Optional Feature)
    (4) Code Screening (Optional Feature)
    (5) Overflow Advance Arrangement (Optional Feature)
(h) Answer Supervision with a Line Side Interface (BSE)
(i) Make Busy Arrangement (BSE)
(j) Three-Way Call Transfer (BSE)
(k) Messaging Services Interface (BSE)
(l) Three-Way Calling (BSE)

(n) Direct Inward Dialing (DID) Service (BSE)
(o) DID Trunk Queuing (BSE)

# Availability limited. Please refer to # footnote on Page 14-105. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.1 Lineside BSA# (Cont'd)

(B) Lineside BSA Optional Features and BSEs (Cont'd)

(2) Transport Termination

(a) Two-way operation with dial pulse address signaling and loop start supervisory signaling.
(b) Two-way operation with dial pulse address signaling and ground start supervisory signaling.
(c) Two-way operation with dual tone multifrequency address signaling and loop start supervisory signaling.
(d) Two-way operation with dual tone multifrequency address signaling and ground start supervisory signaling.
(e) Terminating operation with dial pulse address signaling and loop start supervisory signaling.
(f) Terminating operation with dial pulse address signaling and ground start supervisory signaling.
(g) Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling.
(h) Terminating operation with dual tone multifrequency address signaling and ground start supervisory signaling.
(i) Originating operation with loop start supervisory signaling.
(j) Originating operation with ground start supervisory signaling.

(3) Switched Transport

(a) Supervisory Signaling (as set forth in 6.1.3(A)(2)(a) preceding).
(b) Customer Specified Entry Switch Receive Level.

(4) Certain other features which may be available in connection with Lineside BSA are provided under the Telephone Company's General Subscriber Service Tariffs. These are:

(a) Call Forwarding
(b) Call Waiting
(c) Speed Calling
(d) Remote Call Forwarding

# Availability limited. Please refer to # footnote on Page 14-105. (T)

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.1 Lineside BSA# (Cont'd)

(B) Lineside BSA Optional Features and BSEs (Cont'd)

(4) (Cont'd)

(e) IntraLATA extensions
(f) Directory listings

(C) Transmission Specifications

Lineside BSA is provided with either Type A or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 9. Type DB Data Transmission Parameters are provided with Lineside BSA to the first point of switching.

(D) Testing Capabilities

Lineside BSA is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) text and milliwatt (102 type) test line. In addition to the tests described in 6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing and Nonscheduled Testing are available for Lineside BSA as set forth in section 13.3.5 following.

6.3.2 Trunkside BSA

Trunkside BSA is provided in switched access packages. These are differentiated by their technical characteristics, e.g., the manner in which an end user accesses them in originating calls. Two options are offered as Trunkside BSA - 950 Option and Trunkside BSA-101XXXX Option. The Trunkside - 950 Option is provided as set forth in 6.4.2.1 following. The Trunkside BSA-101XXXX Option is set forth in 6.4.2.3 following.

Trunkside BSAs provide trunk side access to Telephone Company end office switches, either directly or through a Telephone Company designated Switched Access Service tandem switch. The Telephone Company will establish a trunk group (or groups)

# Availability limited. Please refer to # footnote on Page 14-105. (T)

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

between the customer's premises and end office or access tandem switches, based on the technical limitations imposed by the type, directionality and quantity of traffic specified by the customer. Different Switched Access Service arrangements may be combined in a single group at the option of the Telephone Company. (D)

6.3.2.1 Trunkside BSA - 950 Option

(A) General Description

Trunkside BSA - 950 Option, which is available to all customers, provides trunk side access to Telephone Company end office switches with an associated uniform 950-XXXX access code for non-Toll Free and non-900 Access Service for the customer's use in originating communications from and terminating communications to an Interexchange Carrier's interstate service, Telephone Company central office, or a customer provided interstate communications capability. The customer must specify the Interexchange Carrier to which the Trunkside BSA - 950 Option is connected or, in the alternative, specify the means by which the access communication is transported to another state. (D)

Trunkside BSA - 950 Option may be directly routed only to appropriately equipped electronic end office switches. Trunkside BSA - 950 Option may be provided via Telephone Company designated electronic access tandem switches to other Telephone Company electronic and electro-mechanical end office switches.

Trunkside BSA - 950 Option switch trunk equipment is provided with (a) wink start start-pulsing signaling and (b) answer and disconnect supervisory signaling. Trunkside BSA - 950 Option is provided with multi-frequency address signaling. With exception of Trunkside BSA - 950 Option provided with the automatic number identification (ANI) or rotary dial station signaling Local Switching optional features.

(D)
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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.1 Trunkside BSA - 950 Option (Cont'd)

(A) General Description (Cont'd)

any other address signaling required by the customer in the originating direction must be provided by the customer's end user using inband tone signaling techniques.

Inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Switched Transport provided.

When all Trunkside BSA - 950 Option service is discontinued at an end office and/or in a LATA, an intercept announcement indicating that the service associated with the number dialed has been discontinued will be provided for a limited period of time.

Trunkside BSA - 950 Option switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls to certain community information services for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 Network Service. Additionally, non-access charges will also be billed for calls from a Trunkside BSA - 950 Option trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.1 Trunkside BSA - 950 Option (Cont'd)

(A) General Description (Cont'd)

will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes (800) 275-2355 and 911, or 101XXXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when Trunkside BSA -950 Option switching is combined with Directory Assistance Switching. The combination of Trunkside BSA - 950 Option Switched Access Service with Directory Assistance Service is provided as set forth in section 9 following.

Trunkside BSA - 950 Option may not be switched, in the terminating direction, to Switched Access Service Lineside BSA, Trunkside BSAs, or Feature Groups. When a provider of MTS and WATS subscribes to both Trunkside BSA-950 Option and Trunkside BSA-101XXXX Option at an equal access end office, all such Trunkside (D)
BSA-950 Option and Trunkside BSA-101XXXX Option (D)
usage originating and terminating at those end offices will be subject to the premium Carrier Common Line, Switched Transport, Local Switching - LS2, and Information Surcharge (Z)
rates set forth in 3.9 and 6.9. When a WAL Service is provided in conjunction with a Trunkside BSA - 950 Option Switched Access Service, the customer will be provided with the Routing of Intrastate Calls to the Telephone Company for Use with WATS Access Line Services Option.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.1 Trunkside BSA - 950 Option (Cont'd)

(B) Trunkside BSA - 950 Option Optional Features and BSEs

(1) Common Switching

(a) Automatic Number Identification (BSE)
(b) Up to 7 Digit Outpulsing of Access Digits to customer (Optional Feature)
(c) WATS Access Line Service with the following options:
(1) Hunt Group Arrangement (Optional Feature)
(2) Uniform Call Distribution Arrangement (Optional Feature)
(3) Non-hunting number for use with Hunt Group or Uniform Call Distribution Arrangements (Optional Feature)
(4) Code Screening (Optional Feature)
(5) Overflow Advance Arrangement (Optional Feature)
(d) Alternate Traffic Routing (BSE)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.1 Trunkside BSA - 950 Option (Cont'd)

(B) Trunkside BSA - 950 Option Optional Features and BSEs (Cont'd)

(2) Transport Termination

(a) Rotary Dial Station Signaling

(3) Switched Transport

(a) Customer Specification of Switched Transport Termination
(b) Supervisory Signaling (as set forth in 6.1.3(A)(2)(a) preceding)
(c) Customer Specified Entry Switch Receive Level

(C) Transmission Specifications

Trunkside BSA - 950 Option is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the end office when routed directly or to the first point of switching when routed via an access tandem. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with Trunkside BSA - 950 Option to the first point of switching.

(D) Testing Capabilities

Trunkside BSA - 950 Option is provided, in the terminating direction where equipment is available, with seven digit access to balance

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.1 Trunkside BSA - 950 Option (Cont'd)

(D) Testing Capabilities (Cont'd)

(100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.5 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Nonscheduled Testing are available as set forth in 13.3.4 following.

6.3.2.2 Reserved for Future Use (C)

(D)
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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

(D)

(D)

(This page filed under Transmittal No. 1156)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

(D)

(D)

6.3.2.3 Trunkside BSA-101XXXX Option

(A) General Description

Trunkside BSA-101XXXX Option is available to all customers at Telephone Company designated electronic end office switches, whether routed directly or via Telephone Company designated electronic access tandem switches. Trunkside BSA-101XXXX Option provides trunk side access to end office switches with an associated uniform 101XXXX access code for use in originating and terminating communications.

All Trunkside BSA-101XXXX Options provided to the customer by the Telephone Company will use these uniform access codes.

No access code is required for calls to a customer over a Trunkside BSA-101XXXX Option if the Switched Access Service customer's end user has presubscribed its Telephone Exchange Service to that customer, as set forth in section 4.2 preceding.

When no access code is required, the telephone number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1+NXX-XXXX, NPA+NXX-XXXX, 0 or 1+NPA+NXX-XXXX. When the end office is equipped

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)

(A) General Description (Cont'd)

for International Direct Distance Dialing (IDDD) the form is 01+CC+NN or 011+CC+NN.

Trunkside BSA-101XXXX Option switch trunk equipment is provided with

(a) wink start start-pulse signaling and
(b) answer and disconnect supervisory signaling
(c) or without signaling when out of band signaling is specified.

Trunkside BSA-101XXXX Option is provided with multifrequency address signaling or out of band signaling. Up to twelve digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signaling will be provided by the Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Called party number signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

Trunkside BSA-101XXXX Option switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customer Trunkside BSA-101XXXX Option services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls to certain community information services for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 Network Service.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)

(A) General Description (Cont'd)

Additionally, non-access charges will also be billed for calls from a Trunkside BSA-101XXXX Option trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes (800) 275-2355 and 911, 101XXXX access codes, or to a TRS Center. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when Trunkside BSA-101XXXX Option switching is combined with Directory Assistance Switching. The combination of Trunkside BSA-101XXXX Option Switched Access Service with Directory Assistance Service is provided as set forth in section 9. following. Trunkside BSA-101XXXX Option may not be switched, in the terminating direction, to Switched Access Service Trunkside BSAs.

The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where Trunkside BSA-101XXXX Option Switching is provided. When required by technical limitations, a separate trunk group will be established for each type of Trunkside BSA-101XXXX Option switching arrangement provided. Different types of Trunkside BSA-101XXXX Option or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

The access code for Trunkside BSA-101XXXX Option switching is a uniform access code of the form 101XXXX. These uniform access codes will be the assigned access numbers of all Trunkside BSA-101XXXX Option access provided to the customer by the Telephone Company. No access code is required for calls which originate from a WATS Access Line (WAL) Service. No access code is

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)

(A) General Description (Cont'd)

required for calls to a customer over Trunkside BSA-101XXXX Option Switched Access Service if the end user's telephone exchange service, the Pay Telephone Service Provider's Telephone Service, or the customer's Lineside BSA Switched Access Service is arranged for presubscription to that customer, as set forth in 13 following.

Calls originating from a WAL Service by the end user's dialing 0+500+NXX, 1+500+NXX, Toll Free Code+NXX+XXXX, 1+Toll Free Code+NXX-XXXX, 900+NXX-XXXX, 0+900+NXX-XXXX, or 1+900+NXX-XXXX will be routed to the Switched Access Service of the 500, Toll Free, or 900 service provider. Calls originating from a WAL Service by the end user's dialing unassigned NXXs, local operator assistance (0-), service codes (211, (800) 275-2355 and 911), directory assistance (411) and 101XXXX access codes will not be completed.

When the 101XXXX access code is used, Trunkside BSA-101XXXX Option switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Telephone Company's emergency reporting service, or the end-of-dialing digit (#) for cut through access to the customer's premises.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)

(A) General Description (Cont'd)

Trunkside BSA-101XXXX Option switching will be arranged to accept calls from telephone exchange service, Public Telephone Service or Lineside BSA locations without the need for dialing 101XXXX uniform access code. Each telephone exchange service line, Public Telephone Service Line or Lineside BSA may be marked with a presubscription code to identify which 101XXXX code its calls will be directed to for interLATA service. Presubscription codes are applied as set forth in section 13 following.

When a customer has had Trunkside BSA - 950 Option access in an end office and subsequently replaces the Trunkside BSA - 950 Option access with Trunkside BSA-101XXXX Option access, at the customer's request and where facilities permit, the Telephone Company, will, for a period of 90 days, direct calls dialed by the customer's end users using the customer's previous Trunkside BSA - 950 Option access code to the customer's Trunkside BSA-101XXXX Option access service. The customer must be prepared to handle normally dialed Trunkside BSA-101XXXX Option calls dialed with the Trunkside BSA - 950 Option access code which require the customer to receive additional address signaling from the end user. Such calls will be rated as Trunkside BSA-101XXXX Option.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)

(A) General Description (Cont'd)

At the option of the customer, Switched 56 Kilobit Service as specified following is available for use with Trunkside BSA-101XXXX Option. Switched 56 Kilobits traffic is ordered as set forth in 5.2 preceding and is delivered to the customer via separate Trunkside BSA-101XXXX Option trunks capable of supporting 56 Kbps digital transmission.

Switched 56 Kilobit service is an arrangement whereby customers may receive, or send, data at a speed of 56 Kbps from designated switches over dedicated trunks. The number dialed by the customer's end user shall be a seven or ten digit number in the form of NXX-XXXX, 1+NXX-XXXX, 101XXXX + NXX-XXXX, NPA+NXX-XXXX, 1+NPA+NXX-XXXX, or 101XXXX + NPA+NXX-XXXX, and when the end office is equipped for International Direct Distance Dialing (IDDD), 011+CC+NN.

All rates and charges normally applicable to Trunkside BSA-101XXXX Option i.e., non-recurring, monthly recurring, and usage sensitive apply to Switched 56 Kilobit Service. Additionally, a per Switched 56 Kilobit access minute of use charge specified in Section 6.1.2(B)(6) preceding and Section 6.9.7 following, apply to Switched 56 Kilobit Service. (T) (T)

This option is not available in combination with out of band signaling.

ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.3 Provision and Description of Switched Access BSAs (Cont'd)
6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)

(B) Trunkside BSA-101XXXX Option Optional Features and BSEs

(1) Common Switching

(a) Automatic Number Identification (BSE)
(b) Service Class Routing (Optional Feature)
(c) Alternate Traffic Routing (BSE)
(d) International Carrier Option (Optional Feature)
(e) Code Screening for use with WATS Access Line Service (Optional Feature)
(f) Hunt Group Arrangement for Use with WATS Access Line Service (Optional Feature)
(g) Uniform Call Distribution Arrangement for Use with WATS Access Line Service (Optional Feature)
(h) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service (Optional Feature)
(i) Overflow Advance Arrangement for Use with WATS Access Line Service (Optional Feature)
(j) Calling Party Number (Optional Feature) *
(k) Charge Number (BSE)
(l) Carrier Selection Parameter (Optional Feature)
(m) Flexible Automatic Number Identification (BSE)
(n) 900 Access Service

(2) Transport Termination

(a) Operator Trunk, Full Feature Arrangement

(3) Switched Transport

(a) Supervisory Signaling (as set forth in section 6.1.3(A)(2)(a) preceding)
(b) Out of Band Signaling (as set forth in section 6.1.3(A)(2)(e) preceding)
(c) Common Channel Signaling Access Service
(d) Billing Validation Service
(e) Toll Free Data Base Access Service
(f) 500 Access Service

* Calling Party Number is not offered in Pennsylvania, and where it is not technically feasible.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)

(B) Trunkside BSA-101XXXX Option Optional Features and BSEs (Cont'd)

(4) Line Termination

(a) Dialed Number Identification Service
(b) Answer Supervision

(C) Transmission Specifications

Trunkside BSA is provided with either Type A, Type B or Type C Transmission Specifications as follows:

(1) When routed directly to the end office either Type B or C is provided.
(2) When routed to an access tandem or TOPS tandem only Type A is provided.
(3) Type A is provided on the transmission path from the access of TOPS tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2 through 10.

Type DA Data Transmission Parameters are provided for the transmission path between the customer's premises and the access of TOPS tandem and between the access or TOPS tandem and the end office. Type DA Data Transmission Parameters are provided with Trunkside BSA-101XXXX Option for the transmission path between the customer's premises and the end office when directly routed to the end office.

(D) Testing Capabilities

Trunkside BSA-101XXXX Option is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.2 Trunkside BSA (Cont'd)

6.3.2.3 Trunkside BSA-101XXXX Option (Cont'd)

(D) Testing Capabilities (Cont'd)

line and open circuit test line. In addition to the tests described in 6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Nonscheduled Testing are available as set forth in 13.3.4 following for Trunkside BSA-101XXXX Option.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.3 Dedicated Network Access Link (DNAL) BSA

(A) General Description

(1) The Dedicated Network Access Link (DNAL) BSA provides a connection between the customer designated premises and a Telephone Company switch or central office for the transfer of data from the switch or central office to the customer premises.

(2) The DNAL is primarily used in conjunction with switched access or central office based services requiring a separate link for transmitting signaling or control information. The switched access service determines the requirement for speed, type, and number of DNALs.

(3) The DNAL can be used in association with the Common Switching BSEs as set forth following.

(a) Messaging Services Interface (BSE)

This option is provided as set forth in 6.4.1(AG) following.

(b) Make Busy Arrangements (BSE)

This option is provided as set forth in 6.4.1(AH) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)

(B) Metallic DNAL

(1) Basic Description

A Metallic DNAL is a unconditioned two-wire channel capable of transmitting low speed varying signals at rates up to 30 baud. This channel is provided by metallic or equivalent facilities. Metallic DNALs are provided between a customer designated premises and a Telephone Company switch or central office. Interoffice metallic DNALs will be limited in length to a total of five route miles per channel.

(2) Technical Specifications packages

| | | Package MT- | | |
|---|---|---|---|---|
| Parameter | C | 1 | 2 | 3 |
| DC Resistance | | | | |
| Between Conductors | X | X | X | |
| Loop Resistance | X | | | X |
| Shunt Capacitance | X | | | X |

The technical specifications are delineated in Technical Reference TR-NPL-000336.

(3) Channel Interfaces

Compatible channel interfaces are set forth in 7.3.5(A) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)

(C) Voice Grade DNAL

(1) Basic Description

A Voice Grade KNAL is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated as analog two-wire or four-wire. Voice Grade DNALs are provided between a customer designated premises and a Telephone Company switch or central office.

(2) Technical Specifications Packages

The technical specifications for Voice Grade DNALs are delineated in Technical Reference TR-NWT-000335, Issue 3, under the section defining VG-6 capabilities. (C)(x) (C)(x)

(3) Channel Interfaces

The following channel interfaces for Voice Grade DNALs do not require signaling capability: AH, DA, DB, DD, DE, DS, NO, PR and TF.

The following channel interfaces for Voice Grade KNALs require signaling capability: AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF.

Compatible channel interfaces are set forth in 6.1.2(A)(1) preceding.

(x) TR-NWT-000335, Issue 3, replaces TR-000335, Issue 2, in its entirety.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)

(C) Voice Grade DNAL (Cont'd)

(4) Optional Features and Functions

(a) Conditioning

Conditioning provides more specific transmission characteristics for Voice Grade DNALs. C-Type conditioning controls attenuation distortion and envelope delay distortion.

In addition, a customer may require that either the attenuation distortion or the envelope delay distortion, or both, be improved to more stringent specifications than those provided for C-Type conditioning. In these cases the customer has the option of ordering either Improved Attenuation Distortion or Improved Envelope Delay Distortion, or both, as needed.

(1) C-Type Conditioning

C-Type Conditioning is provided for the additional control of attenuation distortion and envelope delay distortion on data services. The attenuation distortion and envelope delay distortion specifications for C-Type Conditioning are:

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)

(C) Voice Grade DNAL (Cont'd)

(4) Optional Features and Functions (Cont'd)

(a) Conditioning (Cont'd)

(1) C-Type Conditioning (Cont'd)

Attenuation Distortion
(Frequency Response)
Relative to 1004 Hz

| Frequency Variation Range (Hz) | (dB) |
|---|---|
| 504-2804 | -1.0 to +3.0 |
| 304-3804 | -2.0 to +6.0 |

| Envelope Delay Distortion Frequency Range (Hz) | Variation (micro-seconds) |
|---|---|
| 1004-2604 | $\leq$ 500 |
| 604-2604 | $\leq$ 1500 |
| 504-2804 | $\leq$ 3000 |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)

(C) Voice Grade DNAL (Cont'd)

(4) Optional Features and Functions (Cont'd)

(a) Conditioning (Cont'd)

(2) Improved Attenuation Distortion

Improved attenuation distortion is provided for additional control of attenuation distortion. The improved attenuation distortion specifications are:

Attenuation Distortion
(Frequency Response)
Relative to 1004 Hz

| Frequency Range (Hz) | Variation (dB) |
|---|---|
| 404-2804 | -1.0 to +2.0 |
| 304-3004 | -1.0 to +3.0 |
| 304-3204 | -2.0 to +6.0 |

(3) Improved Envelope Delay Distortion

Improved envelope delay distortion is provided for additional control of envelope delay distortion. The improved envelope delay distortion specifications are:

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)

(C) Voice Grade DNAL (Cont'd)

(4) Optional Features and Functions (Cont'd)

(a) Conditioning (Cont'd)

(3) Improved Attenuation Distortion (Cont'd)

| Frequency Range (Hz) | Envelope Delay Distortion Variation (micro-seconds) |
|---|---|
| 1004-2604 | ≤ 100 |
| 804-2604 | ≤ 200 |
| 604-2604 | ≤ 300 |
| 504-2804 | ≤ 600 |
| 504-3004 | ≤ 3000 |

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)

(C) Voice Grade DNAL (Cont'd)

(4) Optional Features and Functions (Cont'd)

(b) Improved Termination and Improved Return Loss

(1) Improved Termination - On Effective Four-Wire Transmission at Four-Wire Point of Termination (applicable to each four-wire port): Provides for a fixed 600 ohm impedance, variable level range and simplex reversal. Telephone Company equipment is required at the customer's premises where this option is ordered. The Improved Termination parameters are delineated in Technical Reference TR-NWT-000335, Issue 3. (C)(x) (C)(x)

(2) Improved Return Loss - On Effective Two-Wire Transmission at Two-Wire Point of Termination: Provides for more stringent Echo Control Specifications. In order for this option to be applicable, the transmission path must be four-wire at one POT and two-wire at the other POT. Placement of Telephone Company equipment may be required at the customer's premises with the two-wire POT. The Improved Return Loss parameters are delineated in Technical Reference TR-NWT-000335, Issue 3. (C)(x) (C)(x)

(x) TR-NWT-000335, Issue 3, replaces TR-NPL-000335 in its entirety.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)

(C) Voice Grade DNAL (Cont'd)

(4) Optional Features and Functions (Cont'd)

(c) Data Capability

Data Capability provides transmission characteristics suitable for data communications. Specifically, Data Capability provides for the control of Signal to C-Notched Noise Ratio and intermodulation distortion.

The Signal to C-Notched Noise Ratio and intermodulation distortion parameters for Data Capability are:

(1) Signal to C-Notched Noise Ratio is equal to or greater than 32 dB.

(2) Intermodulation Distortion:

Signal to second order modulation products (R2) is equal to or greater than 38 dB.

Signal to third order modulation products (R3) is equal to or greater than 42 dB.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Provision and Description of Switched Access BSAs (Cont'd)

6.3.3 Dedicated Network Access Link (DNAL) BSA (Cont'd)

(C) Voice Grade DNAL (Cont'd)

(4) Optional Features and Functions (Cont'd)

(d) Effective Four-Wire Transmission with Two-Wire Interface

When a customer requests that an effective Four-Wire channel be terminated with a Two-Wire interface at the customer designated premises, then this optional feature applies. Placement of Telephone Company Equipment (Hybrid) is required at the customer's premises to convert the Four-Wire channel to the Two-Wire POT. When this option is ordered, a Four-Wire channel termination charge applies. Per the voice grade technical references, certain voice grade DNALs are always provisioned as Four-Wire and will be billed as a Four-Wire Channel Termination.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs

Following are descriptions of the various optional features that are available in lieu of, or in addition to, the standard features provided as either Common Switching or Transport Termination options.

The following is a list of the Telephone Company's Open Network Architecture (ONA) Switched Access Basic Service Elements (BSEs) which provides a mapping from the industry standard feature name to the product name utilized in this tariff. (C)

| GENERIC NAME | TELEPHONE COMPANY PRODUCT NAME |
|---|---|
| Answer Supervision With A Line Side Interface | Answer Supervision With A Line Side Interface |
| Calling Billing Number Delivery<br>- FG B Protocol<br>- FG D Protocol | Automatic Number Identification |
| Carrier Selection On Reverse Charge | Toll Free Access Service |
| Make Busy Key | Make Busy Arrangement |
| Message Desk (SMDI)<br>Message Waiting Indicator<br>- Activation (audible) | Messaging Services Interface |
| Alternate Routing | Alternate Traffic Routing |
| Called Directory Number Delivery via DID | Direct Inward Dialing Service |
| DID Trunk Queuing | DID Trunk Queuing |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

| GENERIC NAME | TELEPHONE COMPANY PRODUCT NAME |
|---|---|
| Multiline Hunt Group | Hunting Service Arrangement |
| Multiline Hunt Group | Hunting Service Arrangement Circular |
| Multiline Hunt Group | Hunting Service Arrangement Preferred |
| Multiline Hunt Group - Individual Access To Each Port In Hunt Group | Non-Hunt Directory Numbers |
| Multiline Hunt Group - Uniform Call Distribution Line Hunting | Uniform Call Distribution |
| Multiline Hunt Group - Uniform Call Distribution With Queuing | |
| Three-Way Call Transfer | Three-Way Call Transfer |
| Three-Way Calling | Three-Way Calling |
| Flexible ANI Information Digits | Flexible Automatic Number Identification |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available

(A) Call Denial on Line or Hunt Group (Optional Feature)

This screening option limits terminating Lineside BSA and Feature Group A calls to completion within the LATA where the Lineside BSA and Feature Group A line resides. InterLATA and international calls are blocked as well as calls which may potentially terminate outside the LATA. Examples of such calls are:

- Operator-handled calls (0-, 00-);
- Calls to 950 NXX codes;
- Calls to the 900 NPA;
- Calls prefixed with 101XXXX

This list does not necessarily include all the types of calls which may be blocked in a given jurisdiction.

Terminating Lineside BSA and Feature Group A calls to the Toll Free NPA are not blocked under this option.

When this option is chosen in jurisdictions where intraLATA competition is permitted, the Telephone Company completes all terminating intraLATA calls since the 101XXXX prefix is blocked.

Blocked calls are routed to a reorder tone or recorded announcement. This feature is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices. This option is available with Lineside BSA and Feature Group A.

ACCESS SERVICE

66. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(B) Hunt Group Arrangement (Optional Feature)

This option provides the ability to sequentially access one of two or more line side connections in the originating direction, when the access code of the line group is dialed. This feature is provided in all Telephone Company end offices. It is available with Feature Group A. MTS/WATS-type FX/ONAL FGA services cannot be mixed in the same hunt group arrangement. Additionally, multiple customers providing service to the same end user may not be combined in a single hunt group unless the Switched Transport mileage band for each customer is the same, i.e., the distance between the customer's serving wire center and the dial tone office to which service is ordered.

(C) Service Code Denial on Line or Hunt Group

This option allows for the screening of terminating Lineside BSA and FGA calls to disallow completion of calls to 0-, 555 and N11 (e.g., 411, (800) 275-2355 and 911). This feature is provided where available in all Telephone Company electronic end offices and electromechanical end offices. It is available with Lineside BSA and FGA.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(D) Uniform Call Distribution (Optional Feature and BSE)

When an incoming call to the Directory Number (DN) of the multiline hunt group (MLHG) is received, hunting should begin at the start-hunt terminal and proceed as a circular hunt.

When an idle terminal is found, the call should be completed, and immediately (even before another call attempts to terminate) a new circular hunt should begin for an idle terminal. This hunt should begin at the terminal number after the one that the call was just completed. When an idle terminal is found, the hunt should stop and the idle terminal number should be stored as the start-hunt terminal for the next incoming call to the DN of the MLHG. If no idle terminal is found after a complete circular hunt is made, the stored-hunt DN should be the DN of the last completed call.

If an incoming call is not to the DN of the MLHG but to a DN associated with one of the terminals of the MLHG instead, the start-hunt terminal as defined above for Uniform Call Distribution (UCD) should not be used. Instead, the incoming call should be directed to the terminal associated with the called DN directly. If the called DN terminal is busy, a circular hunt should begin at the called DN terminal and continue until an idle terminal is found. If none is found, the incoming call should be given busy treatment. In either case, the next incoming call to the MLHG DN uses a start-hunt number as determined above, which is unaffected by the call to a terminal's direct DN.

Calls made to a UCD MLHG equipped with the queuing feature will complete immediately if there is an idle terminal in the UCD hunt group. However, if all terminals in the UCD hunt group are busy, the call is placed on queue and waits its turn to be served.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(D) Uniform Call Distribution (Optional Feature and BSE) (Cont'd)

The call that has been on queue the longest will be the first call served when a line becomes available. The customer determines the maximum number of calls that can be placed on queue. If the incoming call cannot be placed on queue, the calling party receives busy tone. It is available with Lineside BSA and Feature Group A.

(E) Non-Hunt Directory Numbers (Optional Feature and BSE)

This option provides an arrangement for an individual line within a multiline hunt or uniform call distribution group that provides access to that line within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this feature is provided in Telephone Company electronic end offices only. It is available with Lineside BSA and Feature Group A.

(F) Automatic Number Identification (ANI) (Optional Feature and BSE)

This option provides the automatic transmission of a seven or ten digit number and information digits to the customer's premises for calls originating in the LATA, to identify the calling station. This option includes provision of originating line screening information for the line from which the call originates. The ANI feature is an end office software function which is associated on a call-by-call basis with (1) all individual transmission paths in a trunk group routed directly between an end office and a customer's premises or, where technically feasible, with (2) all individual transmission paths in a trunk group between an end office and an access tandem, and a trunk group between an access tandem and a customer's premises.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs where available (Cont'd)

(F) Automatic Number Identification (ANI) (Optional Feature and BSE) (Cont'd)

The seven digit ANI telephone number is available with Trunkside BSA - 950 Option and Feature Group B. With these Feature Groups, technical limitations may exist in Telephone Company switching facilities which requires ANI to be provided only on a directly trunked basis. ANI will be transmitted on all calls except those originating from coin stations and coinless pay telephones using Trunkside BSA - 950 Option and Feature Group B, or when an ANI failure has occurred. (D)

The ten digit ANI telephone number is only available with Trunkside BSA-101XXXX Option and Feature Group D. When out of band signaling is specified, the customer may obtain an ANI equivalent by ordering the Charge Number optional feature, as specified in 6.4.1(Y) following. The ten-digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven-digit ANI telephone number. The ten-digit ANI telephone number will be transmitted on all calls except when an ANI failure has occurred, in which case only the NPA will be transmitted (in addition to the information digit described following). (D) (T)

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(F) Automatic Number Identification (ANI) (Optional Feature and BSE) (Cont'd)

Where ANI cannot be provided, information digits will be provided to the customer. (D)

The information digits identify: (1) telephone number is the station billing number - no special treatment required, (2) ANI failure has occurred in the end office switch which prevents identification of calling telephone number - must be obtained by operator or in some other manner, (3) hotel/motel originated call which requires room number identification, (4) coinless station, hospital, inmate, etc. call which requires special screening or handling by the customer, and (5) call is an Automatic Identified Outwarded Dialed (AIOD) call from customer premises equipment. The ANI telephone number is the listed telephone number of the customer and is not the telephone number of the calling party. These ANI information digits are available with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and Feature Groups B and D. (D) (T) (T) (T)

These information digits will be transmitted as agreed to by the customer and the Telephone Company.

The ANI feature can be used for billing and collection, routing, screening, and completion of the originating telephone subscriber's call or transaction, or for services directly related to the originating telephone subscriber's call or transaction;

ANI shall not be reused or sold without first (A) notifying the originating telephone subscriber and (B) obtaining the affirmative consent of such subscriber for such reuse or sale; and

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(F) Automatic Number Identification (ANI) (Optional Feature and BSE) (Cont'd)

ANI or any information derived from ANI shall not be disclosed except as permitted by (1) and (2) above for any purpose other than (i) performing the services or transactions that are the subject of the originating telephone subscriber's call, (ii) ensuring network performance security, and the effectiveness of call delivery, (iii) compiling, using, and disclosing aggregate information, and (iv) complying with applicable law or legal process.

(G) Up to 7 Digit Outpulsing of Access Digits to Customer (Optional Feature)

This option provides for the end office capability of providing up to 7 digits of the uniform access code (950-XXXX) to the customer's premises. The customer can request that only some of the digits in the access code be forwarded. The access code digits would be provided to the customer's premises using multifrequency signaling, and transmission of the digits would precede the forwarding of ANI if that feature were provided. It is available with Trunkside BSA - 950 Option and Feature Group B.

(H) Reserved for Future Use (C)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(I) Reserved for Future Use

(J) Reserved for Future Use

(K) Reserved for Future Use

(L) Service Class Routing (Optional Feature)

This option provides the capability of directing originating traffic from an end office to a trunk group to a customer designated premises based on the line class of service (e.g., coin or hotel/motel), service prefix indicator (e.g., 0-, 00-, 0+, 01+ or 011+) or service access code (e.g., Toll Free or 900). It is provided in suitably equipped end office or access tandem switches and is available with Trunkside BSA-101XXXX Option and Feature Group D. (D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Nonchargeable Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSE Where Available (Cont'd)

(M) Alternate Traffic Routing (Optional Feature and BSE)

This option provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) to a trunk group (the "high usage" group) to a customer designated premises until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic) from the same end office or access tandem to a different trunk group (the "final" group) to a second customer designated premises. The customer shall specify the last trunk CCS desired for the high usage group. This option is provided in suitably equipped end office or access tandem switches and is available with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option (D)
and Feature Groups B or D. This option may not be used (D)
in conjunction with the Tandem Access Sectorization Feature specified in Section 6.8.19.

(N) Reserved for Future Use (N)

(O) Reserved for Future Use (N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Chargeable Common Switching Optional Features and BSEs Where Available (Cont'd)

(P) International Carrier Option (Optional Feature)

This option allows for Trunkside BSA-101XXXX Option and Feature Group D end offices or access tandem switches equipped for International Direct Distance Dialing to be arranged to forward the international calls of one or more international carriers to the customer (i.e., the Telephone Company is able to route originating international calls to a customer other than the one designated by the end user either through presubscription or 101XXXX dialing). This arrangement requires provision of written verification to the Telephone Company that the customer is authorized to forward such calls. The written verification must be in the form of a letter of agency authorizing the customer to order the option on behalf of the international carrier. This option is only provided at Telephone Company end offices or access tandems equipped for International Direct Distance Dialing. It is available with Trunkside BSA-101XXXX Option and Feature Group D.

(Q) Reserved for Future Use (C)

(D)
|
|
|
(D)

(R) Overflow Advance Arrangement for Use with WATS Access Line Service (Optional Feature)

This option, which is provided in association with two or more WATS Access Line Service Groups, provides for the automatic overflow of calls to a WATS Access Line Service Group, when that group has exceeded its call capacity or to another WATS Access Line Service Group with a numeric designation equal to or greater than that of the overflowing WATS Access Line Service Groups. This arrangement does not provide for call overflow from a group with a higher numeric designation to one with a lower one.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(S) Code Screening for Use with WATS Access Line Service (Optional Feature)

This option provides the ability to verify that the originating party is dialing a geographically predesignated (bound) area, or an unbound area, called party address. This option is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices in which WATS Access Line Services are provided. It is available with Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, and Feature Groups A, B, and D. (D) (D)

The screening portion of this option which allows for the screening of intraLATA calls is required when intraLATA competition is prohibited by the state jurisdiction in which service is provided. Such screening may be used by the Telephone Company to block intraLATA calls.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(T) Hunt Group Arrangement for Use with WATS Access Lines Service (Optional Feature)

This option provides the ability to sequentially access one of two or more WATS Access Line Service (e.g., Toll Free Service access lines) in the terminating direction, when the hunting number of the WATS Access Line Service group is forwarded from the customer to the Telephone Company. This feature is provided in all Telephone Company end offices in which WATS Access Line Service is provided. It is available with Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and (D)
Feature Groups A, B, and D. (D)

(U) Uniform Call Distribution Arrangement for Use with WATS Access Line Service (Optional Feature)

This option provides a type of multiline hunting arrangement which provides for an even distribution of terminating calls among the available WATS Access Line Service in the hunt group. Where available, this feature is only provided in Telephone Company electronic end offices in which WATS or Access Line Service is provided. For WATS Access Lines it is available with Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA- (D)
101XXXX Option and Feature Groups A, B, and D. (D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(V) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service (Optional Feature)

This option provides an arrangement for an individual WATS Access Line Service within a multiline hunt or uniform call distribution group that provides access to that WATS or Access Line Service within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the non hunting number is dialed. Where available, this feature is only provided in Telephone Company electronic end offices in which WATS Access Line Service is provided. It is available with Lineside BSA, Trunkside BSA, - 950 Option, Trunkside BSA-101XXXX Option and Feature Groups A, B, and D. (D) (D)

(W) Toll Billing Exception (Optional Feature)

This option provides an arrangement for the screening and blocking of calls where technically feasible, placed through Operator Services System equipment, which terminate on Lineside BSA or Feature Group A on a collect basis, and prevents calls from being billed to a Feature Group A number on a third party basis. It will not block calls made from non-operator services handling, Independent Telephone Company calls that are not operator services handled, or cord board assisted calls. The option is available on Lineside BSA and Feature Group A only.

(X) Calling Party Number (CPN) (Optional Feature)

This option provides for the automatic transmission of the calling party's ten-digit telephone number to the customer's premises for calls originating in the LATA. The ten-digit telephone number consists of the NPA plus the seven-digit telephone number, which may or may not be the same as the calling station's charge number. The specific protocol for CPN is contained in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, and in Technical Reference GR-905-CORE, Issue 11. This feature is available only with originating Trunkside BSA-101XXXX Option and Feature Group D when out of band signaling is specified.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(X) Calling Party Number (CPN) (Optional Feature) (Cont'd)

The Telephone Company will transmit a "privacy indicator" as part of the CPN information in those jurisdictions where end users may elect that their CPN information not be passed to the called party, and where an end user has taken the actions necessary to ensure that their CPN is so blocked.

(Y) Charge Number (CN) (Optional Feature and BSE)

This option provides for the automatic transmission of the ten-digit billing number of the calling station number and originating line information. The specific protocol for CN is contained in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, and Technical Reference GR-905-CORE, Issue 11. This feature is available only with originating Trunkside BSA-101XXXX Option and Feature Group D when out of band signaling is specified. (C)(x)

The Charge Number feature can be used for billing and collection, routing, screening, and completion of the originating telephone subscriber's call or transaction, or for services directly related to the originating telephone subscriber's call or transaction;

Charge Numbers shall not be reused or sold without first (A) notifying the originating telephone subscriber and (B) obtaining the affirmative consent of such subscriber for such reuse or sale; and

Charge Numbers or any information derived from ANI shall not be disclosed except as permitted by (1) and (2) above for any purpose other than (i) performing the services or transactions that are the subject of the originating telephone subscriber's call, (ii) ensuring network performance security, and the effectiveness of call delivery, (iii) compiling, using, and disclosing aggregate information, and (iv) complying with applicable law or legal process.

(x) GR-905-CORE, Issue 11, replaces TR-TSV-000905 in its entirety.



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(Z) Carrier Selection Parameter (CSP)* (Optional Feature)

This option provides for the automatic transmission of a signaling indicator which signifies to the customer whether the call being processed originated from a presubscribed end user of that customer. The specific protocol for CSP is contained in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, and Technical Reference GR-905-CORE, Issue 11. This feature is available only with originating Trunkside BSA-101XXXX Option and Feature Group D when out of band signaling is specified. (T) (C)(x)

(AA) Access Transport Parameter (ATP) (Optional Feature)

This option provides for the transmission of CPE compatibility information from the originating switch to the customer's premises and, on terminating access, from the customer's premises to the terminating switch. All of the information is supplied by the calling party. This feature is available only with originating Trunkside BSA-101XXXX Option and Feature Group D when out of band signaling is specified. The specific protocol for ATP is contained in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Supplement, and Technical Reference GR-905-CORE, Issue 11. (C)(x)

(x) GR-905-CORE, Issue 11, replaces TR-TSV-000905 and TR-TSV-000962 in their entirety.



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AB) Answer Supervision With a Line Side Interface (BSE)

This option provides an answer supervisory signal to the customer premises for terminating calls to indicate the called location has returned an answer supervisory signal to the Telephone Company end office where the customer's Lineside BSA open end (dial tone end office) is located. This option is only available from appropriately equipped Telephone Company electronic end office switches. It is available with Lineside BSA only.

(AC) Hunting Service Arrangements (BSE)

This feature offers the ability to sequentially access terminals in a hunt group, beginning with the start-hunt terminal until an idle terminal is found or the last terminal number is reached, when the access number of the line group is dialed. If all terminals are busy, a busy tone will be returned to the calling party. It is available with Lineside BSA.

(AD) Hunting Service Arrangements: Preferred (BSE)

This option allows a separate hunting list to be associated with each terminal in a hunt group. When a call is made directly to a busy terminal with a MLHG equipped with preferential hunting, a linear hunt is performed over the special ordered list of preferential hunt terminals. The call will terminate at the first idle terminal in the preferential hunt list. If all of terminals in the preferential hunt are busy, then a secondary hunt should be conducted over all of the terminals. The secondary hunt will be in the regular hunt sequence, not the preferential list. This feature is not available with the Uniform Call Distribution and Non-Hunt Numbers features. This feature is available with Lineside BSA.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AE) Hunting Service Arrangements: Circular (BSE)

This feature offers the ability to sequentially access terminals in a hunt group, with the hunt sequence starting over again at the start-hunt terminal if all terminals are busy. If all terminals are busy in the second pass, a busy tone will be returned to the calling party. This feature is available with Lineside BSA.

(AF) Three-Way Call Transfer (BSE)

This option gives the customer the capability of including another end user on an already established call. After establishing the call, the customer may drop his connection without disconnecting the two end users. While the two end users are connected, usage continues to be recorded and will be charged to the customer. This option is available from appropriately equipped electronic offices. In some switches the customer and originating end user must be served out of the same central office in order for the customer to drop off of the line and keep the two end users connected. This feature is available with Lineside BSA.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AG) Messaging Services Interface (BSE)

Messaging Services Interface provides messaging capability on an intraswitch basis. This option provides for the call status information of a call terminating on Lineside BSA hunting arrangement. This option provides the calling number, called number, the identification of the called multiline hunt group assigned to the customer's end user, and the call reason. In addition, the option provides the ability to activate or deactivate Message Waiting Indication. Message Waiting Indication may be activated as long as the service where Message Waiting indication is to be activated is equipped with the message waiting feature. The call status information is transmitted to the customer's premises and the signal to activate or deactivate Message Waiting Indication is transmitted from the customer's message desk terminal equipment. The customer shall provide the appropriate customer premises equipment (CPE) to store, display, or print out the transmitted call status information and the equipment to initiate the signal to activate or deactivate Message Waiting Indication. This option is only available from appropriately equipped Telephone Company electronic end office switches. The customer subscribing solely to MSI service shall obtain a Voice Grade Dedicated Network Link as set forth in Section 6.3.3 preceding to each and every Telephone Company central office switch where the capability is desired. The capabilities are available with Lineside BSA with multiline hunt group arrangement.

Premier Messaging Services Interface (PMSI)

Premier Messaging Services Interface (PMSI) is an optional enhancement to Messaging Services Interface (BSE). PMSI is similar to Messaging Services Interface (BSE), except that it utilizes the Signalling System 7 (SS7) Network to pass calling and called number information between central offices. With PMSI capability, the customer is not required to obtain a Voice Grade Dedicated Network Link to each Telephone Company central office switch where messaging capability is desired. With PMSI, the customer can provide messaging capability to all end users in a LATA area provided those end users reside in central offices that are interconnected via SS7 and are equipped with the required software. PMSI requires MSI service between the customer's equipment and at least one central office.

(This page filed under Transmittal No. 23)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AG) (Cont'd)

Signaling System 7 Message Waiting Indicator (SS7MWI) Signaling Service

(1) Signaling System 7 Message Waiting Indicator (SS7MWI) Signaling Service permits the customer to provide Signaling System 7 (SS7) Message Waiting Indicator (MWI) Transaction Capabilities Application Part (TCAP) messages to the Telephone Company for delivery to Telephone Company switches that serve suitably equipped lines of those end users who subscribe to the customer's voice messaging service. MWI TCAP messages are originated by the customer's equipment, i.e., Voicemail Platform, and addressed and delivered to a designated Telephone Company Signaling Transfer Point (STP) pair in the LATA in which the customer's subscribing end user receives service. (C) (C)

(2) The Telephone Company uses its SS7 capabilities to determine the switch serving the end user, and to deliver the MWI TCAP message to that switch. The message causes the switch to set or reset MWI on the end user's line. These messages allow the customer to notify its end user that voice messages are awaiting retrieval, or to clear the message waiting notification once the end user has acknowledged those messages.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AG) (Cont'd)

Signaling System 7 Message Waiting Indicator (SS7MWI) Signaling Service (N)

(3) SS7MWI Signaling Service is offered only to provide signaling to Telephone Company switches within the LATA in which the signaling was handed off to the Telephone Company, and will be available only in LATAs where the Telephone Company has STPs available to accept SS7 messages associated with the service. A list of LATAs where the Telephone Company has STPs follows in this section. The customer must hand-off only those messages that are intended for end users served by capable Telephone Company switches in that LATA.

(4) SS7MWI Signaling Service is not available in LATAs where the Telephone company does not have STPs. In those LATAs, services utilizing a Messaging Service Interface (MSI) or Premier Messaging Service Interface (PMSI) can be used to communicate message waiting status to end users' lines. In the event that STPs are deployed in any of those LATAs subsequent to issuance of this tariff, the Telephone Company will offer the service in those LATAs. In the event that the Telephone Company removes STPs from one or more LATAs, it can no longer offer the service in that LATA. In such event, the Telephone Company will provide at least 90 days prior notice of the pending removal of the STPs. Following such removal, the customer will have the option of purchasing Messaging Service Interface (MSI) or Premier Messaging Service Interface (PMSI) service as set forth in this section preceding, 6.4.1(AG). (N)

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AG) (Cont'd)

Signaling System 7 Message Waiting Indicator (SS7MWI) Signaling Service (Cont'd)

(5) Additionally, SS7MWI Signaling Service can only be used to update MWI for end users served from suitably equipped switching equipment in designated LATA STP's which are capable of responding appropriately to MWI TCAP messages.

(6) The customer is responsible for obtaining SS7 interconnection directly from Verizon under the provisions of Section 6.4.3 of this tariff. The customer of record for the SS7 interconnection shall also be the customer of record for SS7MWI Signaling Service. In the event that the customer chooses to use another SS7 provider to interconnect with Verizon, the customer shall be unable to receive the SS7MWI Signaling Service, and will have to make separate arrangements with the SS7 provider.

(7) SS7MWI Signaling Service shall be ordered separately for each STP pair in each LATA requiring the service. Each such order will be considered a messaging arrangement. Each ASR submitted will contain no more than two (a Primary and a Secondary) Voicemail Platforms per messaging arrangement. If a customer seeks to connect more than two Voicemail Platforms to a given Telephone Company STP pair, an additional ASR will be required for each additional pair of Voicemail Platforms per STP pair in a LATA. (N)

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AG) (Cont'd)

Signaling System 7 Message Waiting Indicator (SS7MWI) Signaling Service (Cont'd)

(8) A monthly recurring charge as set forth in Section 6.9.12 following applies per messaging arrangement to allow for the transmission of SS7MWI Signaling Service with the exception of LATAs 224, 228, and 236. Because of the volume of traffic in LATAs 224, 228, and 236, the Company has deployed two STP pairs in each of those LATAs and two messaging arrangements are required to achieve full LATA-wide coverage for each pair of Voicemail Platforms connected to SS7MWI. In those three LATAs only, the monthly recurring charge applies for each pair of messaging arrangements.

(9) LATAs Served:

| LATA | LATA NAME | |
|---|---|---|
| 222 | DELAWARE VALLEY NJ | |
| 224 | NORTH JERSEY NJ | |
| 226 | CAPITAL PENNSYLVANIA | |
| 228 | PHILADELPHIA PA | (D) |
| 232 | NORTHEAST PA | |
| 234 | PITTSBURGH PA | |
| 236 | WASHINGTON DC | |
| 238 | BALTIMORE MARYLAND | (D) |
| 244 | ROANOKE VIRGINIA | |
| 248 | RICHMOND VIRGINIA | (D) |
| 252 | NORFOLK VIRGINIA | |



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AH) Make Busy Arrangements (BSE)

This option allows a customer to busy out a group of lines and to reroute incoming traffic from one group of lines to another group of associated lines, if the customer has more than one group of lines. This option requires a compatible Special Access Voice Grade facility as specified in Section 7.2.3 following. This option is available with Lineside BSA.

This option provides the capability to place one or more lines of a Lineside BSA with multiline hunt group arrangement in a busy or overflow condition. Once the capability is activated, subsequent calls to the lines placed in the busy or overflow condition may be directed to a central office tone, central office announcement or when a remote call forwarding feature is ordered, to an alternate service. The capability is activated by a customer provided key at the customer's premises. The activation signal is transmitted to the Telephone Company central office with the use of a Metallic or Voice Grade Dedicated Network Access Link as set forth in section 6.3.3 preceding. The option is available with Lineside BSA.

(AI) Three-Way Calling (BSE)

This option permits a customer who has established a call using a Lineside BSA to establish a call to a third party. The customer may talk privately with the third party or may add the third party to the call to establish a three way conference call. The customer may also disconnect the third party to reestablish the original two party connection. Once the three-way conference call has been established, if the customer disconnects, the call will be terminated. The option is available with Lineside BSA.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AJ) 950 on FGD Optional Feature

Feature Group D (FGD) Access Service, as set forth in 6.2.4 preceding, may be ordered to route calls from a designated 950-XXXX access code to FGD access service. When a customer has FGD access service and does not have Feature Group B access service from a particular end office, 950 on FGD may be ordered to activate a customer's designated 950-XXXX access code in that end office. This will allow the Company to direct those designated 950-XXXX calls dialed by the customer's end users to the customer's FGD access service.

When a customer has both FGB and FGD access service and orders 950 on FGD in a particular end office, the Telephone Company will direct those designated 950-XXXX calls dialed by the customer's end users to the customer's FGD access service at that end office.

In both methods, the customer must be prepared to handle normally dialed FGD calls, as well as calls dialed with the designated 950-XXXX access code which requires the customer to receive additional address signaling. Such calls will be rated as FGD.

950 on FGD will be provided from Telephone Company end offices and tandems, where technically feasible. 950 on FGD is only available to customers utilizing a four digit CIC. The customer must specify the end office where 950 on FGD is to be activated to allow calls from a designated 950-XXXX access code to be routed over FGD access service. The customer is precluded from having originating 950 on FGD and originating FGB in the same end office utilizing the same 950-XXXX CIC.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AK) Flexible Automatic Number Identification (BSE)/Optional Feature

Flexible ANI is a network enhancement to the Local Switching Optional Feature offering of Automatic Numbering Identification (ANI). The enhancement is a software based activation that will provide new and future information indicator (ii) digits activated through switched software program updates.

Flexible Automatic Number Identification enhances the existing Automatic Number Identification (ANI) BSE and Charge Number BSE by allowing Trunkside BSA-101XXXX Option and Feature Group D customers to receive additional information indicator (ii) digits. Flexible Automatic Number Identification will provide additional values for these ii digits over and above the values currently available with the ANI and Charge Number Optional Feature BSEs, and will be used to identify additional call types, i.e., call from WATS lines and private virtual networks. Originating line screening information for the line from which the call originates is also available with this feature.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AK) Flexible Automatic Number Identification (BSE)/Optional Feature (Cont'd)

Customers who have the ANI or Charge Number Optional Feature BSEs, but do not order Flexible Automatic Number Identification, will continue to receive the standard ii digits or originating line information. Flexible Automatic Number Identification ii digits will be assigned by the North American Numbering Plan Administrator.

This service is only available with Feature Group D Trunkside BSA-101XXXX Option served by suitably equipped Telephone Company central offices and will be subject to a charge as specified in section 6.9.2(A)(1) following.

Customers subscribing to the Flexible ANI Optional Feature or BSE will receive all currently available Automatic Number Identification digits within the Telephone Company Central Office. As the technology becomes available, central offices will be upgraded to provide additional digits for all users.

The incremental cost to implement Flexible ANI payphone coding digits will be charged to all Payphone Service Providers on a monthly basis, per line, as set forth in 6.9.2(A)(1) following, to be recovered over 24 months commencing November 1, 1998 and ending October 31, 2000.

A nonrecurring charge will apply as set forth in section 6.9.2(A) following, except when this option is used to identify calls originating from payphone access service lines for per-call compensation.

(AL) Direct Inward Dialing (DID) Service (BSE)

This option permits the central office switch to deliver all or part of the called telephone number to the customer premises at the time the call is established. When number translations have occurred, e.g., Toll Free calls, the number delivered is not the called number, but is the translated number. This option is only available in the originating direction at Telephone Company designated end office switches. This option is arranged for originating calling only and is only available on one-way originating trunks.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AL) Direct Inward Dialing (DID) Service (BSE) (Cont'd)

This option provides a trunk side termination with line treatment at the first point of switching. This option can be provided with Dial Pulse (DP) address signaling. Dual Tone Multifrequency (DTMF) address signaling is available at the option of the customer when the arrangement is provided at suitably equipped end office switches.

The DP or DTMF address signaling delivers the called telephone number only and no other address signaling is provided by the Telephone Company. Additional address signaling, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Switched Transport provided.

A seven digit local telephone number assigned by the Telephone Company is provided for access to this option in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is in the form of NXX-XXXX. A maximum of forty telephone numbers will be provisioned per trunk. Subsequent requests for numbers, up to the maximum of 40 telephone numbers per trunk, added after the establishment of DID Service will be subject to the charge as specified in section 6.8.1(C)(2) following, per request.

The customer has no property right to the telephone number or any other call number designation associated with DID Service furnished by the Telephone Company, and no right to the continuance of service through any particular central office. The Telephone Company reserves the right to change such numbers, or the central office designation associated with such numbers, or both, assigned to the customer, whenever the Telephone Company deems it necessary to do so in the conduct of its business.

If the customer requests a specific seven digit telephone number(s) that is not currently assigned, and the Telephone Company can, with reasonable effort, comply with that request, the requested number(s) will be assigned to the customer.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AL) Direct Inward Dialing (DID) Service (BSE) (Cont'd)

The number of digits forwarded by the central office switch is determined at the time the service is ordered. Up to seven-digit outpulsing of the called telephone number is provided to the customer's premises.

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(D)

Terminating service is not provided. Other Lineside BSA features or BSEs, except DID Trunk Queuing BSE, are not available in conjunction with this BSE. This option is available with Lineside BSA only.

(AM) DID Trunk Queuing (BSE)

This option provides queuing for Direct Inward Dialing Service. This feature permits calls to be completed immediately if the Direct Inward Dialing Service has an idle terminal, but when all terminals associated with the Direct Inward Dialing Service are busy, to place the call in a queue to wait its turn to be served. While the call is in the queue, an audible ringing tone is provided. This option is only available from 1AESS Telephone Company end office switches. It is only available with Lineside BSA with the Direct Inward Dialing Service BSE.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AN) 900 Access Service (Optional Feature)

Originating 900 Access Service is a trunk side switched service that is available to the customer, at their option, via 900 Access Service trunks or trunk groups or in conjunction with Trunkside BSA-101XXXX Option or (D)
Feature Group D. 900 Access Service traffic provided in conjunction with Trunkside BSA-101XXXX Option or FGD, is (D)
delivered on the same trunk group as non-900 Access Service traffic.

When a 900+NXX+XXXX call is originated by an end user, the Telephone Company will perform six digit screening of the dialed 900 NXX digits to identify the designated 900 customer. The call is routed based on the six digit screening function. If the call originates from an end office not equipped to perform the six digit screening function, the call will be routed to a switch with such capability.

The manner in which 900 Access Service is provided depends on whether the end office from which the call originates has the six digit screening capability. Additionally, (D)
provision of 900 Access Service is subject to the criteria specified in 6.6.2 following. In equal access end offices with six digit screening capability, served either on a direct or tandem basis, 900 Access Service will be provided via Trunkside BSA-101XXXX Option or Feature Group D trunks and will utilize exchange access signaling.

In equal access end offices lacking the six digit screening capability, the call will be delivered utilizing conventional signaling, via an access tandem, to the customer over 900 Access Service or Trunkside BSA-101XXXX Option or Feature Group D trunks, at the customer's option. Provided the customer has the option of receiving both

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AN) 900 Access Service (Optional Feature) (Cont'd)

conventional and exchange access signaling over Trunkside BSA-101XXXX Option and Feature Group D trunks. 900 Access Service can be provided from equal access end offices via a Feature Group D trunk group from an access tandem to the customer's premises if the customer can accept, on that trunk group, both exchange access and conventional signaling. (D) | (D)

Premium Trunkside BSA-101XXXX Option and Feature Group D rates and charges apply to 900 Access Service calls originated from end offices with equal access capability. Additionally, nonrecurring charges as specified in Section 6.1.2(B)(5) preceding and Sections 6.9.2(A)(1)(au) and 6.9.9 following also apply. (D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AN) 900 Access Service (Optional Feature) (Cont'd)

The following 1+900 Access Service calls will be blocked by the Telephone Company:

- calls dialed with a 101XXXX access code,
- calls from Inmate Service,
- calls originated from coin telephones, and
- calls originated from hotels and motels without call rating systems.

The following 0+900 Access Service calls will be blocked by the Telephone Company:

- calls dialed with a 101XXXX access code,
- calls from Inmate Service,
- calls utilizing the Telephone Company's calling card, and
- calls originated to a customer that has not subscribed to 0+900 Access Service.

If a customer requests 0+900 Access Service, it is the customer's responsibility to ensure that 0+900 calls are provided in conjunction with the customer's credit card billing. Operator assisted calls, such as collect and third party billing, are not provided with 0+900 Access Service.

0+900 Access Service is available only when combined with 1+900 Access Service provided with FGD or Trunkside BSA-101XXXX Option.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AN) 900 Access Service (Optional Feature) (Cont'd)

Transmission Specifications

900 Access Service trunk groups are provided with either Type B or Type C Transmission Specifications as follows:

- When routed directly from the end office either Type B or Type C is provided.

- When routed to an access tandem only Type B is provided.

(D)
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(D)

Network Controls

The Telephone Company will administer its network in such a manner that the impact of traffic surges due to peaked 900 Access Service traffic on other access service traffic is minimized. The Telephone Company may, at its option, implement network management controls (e.g., call gapping) to ensure acceptable service levels as defined in Section 6.6.1. In order to ensure deployment of adequate protective controls, the customer must provide notice of 900 mass calling events to the Telephone Company's Network Management Center at least forty-eight (48) hours prior to the event. The Telephone Company will work cooperatively with the customer to determine the appropriate type, level and duration of controls.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AO) Switched Access Signalling Service (SASS)

Switched Access Signalling Service (SASS) is a service available to Tandem Switching Providers (TSPs) that provides the transmission of the Carrier Identification Code (CIC) and Trunk Identification (OZZ) code with Multifrequency (MF) signalling or the Transit Network Selection (TNS) parameter with Signalling System 7 (SS7) signalling. SASS is available only with FGD calls originating from Telephone Company end offices. No traffic, except the Toll Free and/or 500 exceptions noted below, will be directed to the TSP's tandem facility from the Telephone Company's access tandem. SASS is not available with Toll Free/500 Service Access Codes where query functionality does not exist. In these instances, if the TSP requests SASS for Toll Free/500 Service Access Codes, the TSP will be required to order trunks at the hubbing office where the Toll Free/500 query functionality resides.

Calls originating from the Telephone Company's end offices will be routed over dedicated one-way direct-trunked transport to the TSP's Point of Termination. The customer must specify the type of signalling desired: Multifrequency (MF) or Signalling System 7 (SS7). The CIC and OZZ (for MF) or the TNS parameter (for SS7) signalling data included in the call data stream sent to the TSP's tandem will be identical to the CIC and OZZ (for MF) or the TNS parameter (for SS7) signalling data sent to the Telephone Company's access tandem. The signalling data elements will be sent to the TSP on direct-routed traffic.

Separate originating trunks are required from each end office. The customer must comply with all technical requirements specified in Technical References GR-334-CORE, Issue 1; GR-394-CORE, Issue 8; FR-64-CORE, Issue 3; and GR-1083-CORE, Issue 5. (T) (C)(x) (C)(x)

The Telephone Company and the TSP must work cooperatively to ensure no duplication of trunk group numbers exist on TSP facilities to IXCs and Telephone Company facilities to IXCs. This will permit the Telephone Company to accurately identify tandem-routed traffic from Telephone Company end offices to the TSP. (T)

(x) FR-64-CORE, Issue 3, replaces TR-NWT-000064, Issue 1 in its entirety.
GR-394-CORE, Issue 8, replaces GR-394-CORE, Issue 1, in its entirety.
GR-1083-CORE, Issue 5, replaces GR-1083-CORE, Issue 1, in its entirety.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AO) Switched Access Signalling Service (SASS) (Cont'd)

Traffic may overflow from the TSP's facilities to the Telephone Company's facilities and from the IXC's direct-trunked transport facilities to the TSP's facilities. All overflowing traffic will originate in the end office. In the originating direction, an IXC served by a TSP must have an established presence in the Telephone Company's access tandem or have Telephone Company direct trunks in order for the Telephone Company to accept its overflow traffic. In addition, no overflowing traffic will be directed to the TSP's tandem facility from the Telephone Company's access tandem.

If a Tandem Switching Provider (TSP) elects to discontinue the Switched Access Signalling Service option from end offices after the implementation of SASS, the TSP must contact, in writing, all IXCs who have selected the TSP as their tandem or facility provider to route and deliver FGD access calls to inform them that the service is being discontinued and that the IXCs should select a new tandem-transport provider. The TSP must provide written notification to the Telephone Company that this activity has taken place.

The TSP must have separate trunks to the Telephone Company's tandem or end office if the TSP chooses to provide Terminating FGD Traffic.

If a TSP is designated as the customer of record for terminating traffic, no billing tapes are required. However, TSPs must provide terminating usage recording information to the Telephone Company if the TSP's IXC customers are designated as the customers of record for billing purposes. The TSP must provide daily transmission of the Automatic Message Accounting ("AMA") recording in the standard exchange message record format for all terminating usage that will be billed directly to their IXC customers. The Telephone Company will work cooperatively with the TSP to establish guidelines for resolving recording discrepancies between the AMA records for TSP facilities and Telephone Company trunks. To ensure consistency between the AMA records of the Telephone Company and the TSP, the TSP must adhere to the Telephone Company's FGD usage measurement guidelines set forth in Section 6.8.8(D) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.1 Common Switching Optional Features and BSEs Where Available (Cont'd)

(AO) Switched Access Signalling Service (SASS) (Cont'd)

A TSP ordering service on behalf of an IXC must provide the Telephone Company a Letter of Authorization (LOA) from the IXC indicating that the customer has agreed to allow the TSP to order from the Telephone Company on their behalf. If the IXC wishes to move their traffic to a TSP's access tandem, the TSP must provide the Telephone Company with a written Letter of Authorization.

6.4.2 Transport Termination Optional Features

(A) Carrier Identification Parameter (CIP)

Carrier Identification Parameter (CIP) is an optional feature that transmits Carrier Identification Code (CIC) information to customers on originating switched access. CIP is available from Telephone Company selected end office and tandem switches in connection with originating Trunkside BSA 101XXXX Option and FGD when out of band signaling is specified. When CIP is provided, the switch will transmit the 4 digit CIC of the presubscribed line or the CIC selected when the end user places a call using 101XXXX dialing. The specific protocol for CIP is contained in Telcordia Document GR-905-CORE, Issue 1, March 1995. The interval for the customer's CIP order will be negotiated by the Telephone Company in cooperation with the customer.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.2 Transport Termination Optional Features (Cont'd)

(B) Rotary Dial Station Signaling (Optional Feature)

This option provides for the transmission of called party address signaling from rotary dial stations to the customer's premises for originating calls. This option is provided in the form of a specific type of Transport Termination. It is available with Trunkside BSA - 950 Option and Feature Group B, only on a direct trunked basis.

(C) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin (Optional Feature)

This option may be ordered to provide coin, non-coin, or combined coin and non-coin operation. It is available with Trunkside BSA-101XXXX Option and Feature Group D and is provided in electronic end offices and other Telephone Company end offices where equipment is available. It is provided as a trunk type of Transport Termination. (D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.2 Transport Termination Optional Features (Cont'd)

(C) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin (Optional Feature) (Cont'd)

Coin:
This arrangement provides for initial coin return control and routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating coin calls requiring operator assistance to the customer's premises. Because operator assisted coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

The operator assistance coin calling arrangement is also normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's TSPS systems, rather than in the customer's manual cord boards.

Non-Coin:
This arrangement provides for the routing of 0+, 0-, 00-, 1+, 01+ or 011+ prefixed originating non-coin calls requiring operator assistance to the customer's premises. Because operator assisted non-coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.2 Transport Termination Optional Features (Cont'd)

(C) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin (Optional Feature) (Cont'd)

Non-Coin: (Cont'd)
The operator assistance non-coin calling arrangement is also normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's TSPS systems, rather than in the customer's manual cord boards. When so equipped, the ANI feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for coinless public stations, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company.

Combined Coin and Non-Coin:
This arrangement provides for initial coin return control and routing of 0+, 0-, 1+, 01+, or 011+ prefixed originating operator assisted coin and non-coin calls requiring operator assistance to the customer's premises. Because operator assisted coin and non-coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

This arrangement is normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's operator services systems, rather than in the customer's manual card boards. When so equipped, the ANI optional feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for coinless public stations, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.2 Transport Termination Optional Features (Cont'd)

(D) Operator Trunk - Full Feature (Optional Feature)

This option provides the initial coin return control function to the customer's operator. It is available with Trunkside BSA-101XXXX Option and Feature Group D and is provided as a trunk type for Transport Termination.

This option is not available in combination with out of band signaling.

6. Switched Access Service (Cont'd)
6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)
6.4.3 Switched Transport Optional Features
(A) Common Channel Signaling Access Service (Optional Feature)

Common Channel Signaling Access Service (CCSAS) allows the customer to exchange signaling information for Trunkside BSA-101XXXX and FGD call set-up or Billing Validation Service over a communications path which is separate from the message path. This option is provided with Trunkside BSA-101XXXX Option and FGD with out of band signaling, and Billing Validation Service. This service includes a dedicated 56 kbps out of band signaling connection between the customer's SPOI and the Telephone Company's STP and an STP port at the Telephone Company's STP.

CCSAS is provisioned for two-way transmission of out of band signaling information.

Each CCSA Signaling Connection provides for two-way digital transmission at a speed of 56 kbps. The connection to the Telephone Company STP pair can be made from either the customer's Signaling Point (SP) which requires a minimum of two 56 kbps circuits or from the customer's STP pair which requires a minimum of four 56 kbps circuits. The STP locations are set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. Where multiple STP pairs are deployed in a LATA, Telephone Company end offices or tandems are interconnected to only one STP pair. The customer must route terminating traffic to the STP pair that serves the end office or tandem switch where the call is terminated.

If an STP pair is no longer deployed in a given LATA, the Telephone Company will designate an STP pair in another LATA from which to route SS7 signaling messages to that LATA subject to Section 20.1.3 following. (N)

Customers ordering CCSAS are subject to the requirements specified in 2.3.9.1, 2.3.10(B)(9) and 2.3.10(9) preceding.

When CCSAS is ordered, network compatibility and other operational tests will be performed cooperatively by the Telephone Company and the customer at locations, dates, and times as specified by the Telephone Company in consultation with the customer. These tests are as specified in Technical Reference GR-905-CORE, Issue 11. When 64CCC and/or ATP is ordered, the SS7 interfaces as specified in Technical Reference GR-905-CORE, Issue 11, will also be tested. Successful completion of the appropriate tests is necessary to receive CCSAS. To protect the security of the network, certain of the information provided, i.e., point codes, by the Telephone Company to the customer will be subject to a non-disclosure agreement.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.3 Switched Transport Optional Features

(A) Common Channel Signaling Access Service (Optional Feature)

At the customer's request, CCSAS will be modified to accept SS7 signaling messages and protocol specified in Technical Reference GR-905-CORE, Issue 11, when Trunkside BSA-101XXXX Option and FGD with out of band signaling is provided in accordance with 6.1.2(A)(6)(e) and successful completion of testing in accordance with Technical Reference GR-905-CORE, Issue 11, is required. (C)(x) (T) (C)(x)

CCSAS is subject to the rates and charges as specified in 6.8.1(C)(2), 6.9.1(G) 6.9.1(L), and 6.9.2(A) following. A monthly recurring distance sensitive STP Mileage charge as specified in 6.9.1(L) following will be assessed on a per dedicated 56 kbps out of band signaling connection basis to transport signaling information between the customer's SPOI and the Telephone Company's STP. A monthly recurring STP Port charge as specified in 6.9.2(A) following, will be assessed on a per port basis for the customer's dedicated port at the Telephone Company's STP. A nonrecurring installation charge as specified in 6.9.1(G) following will be assessed per 56 kbps dedicated out of band signaling connection. Information concerning incidental interLATA service is set forth in section 20 following.

(x) GR-905-CORE, Issue 11, replaces TR-TSV-000962 in its entirety.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.3 Switched Transport Optional Features

(B) Billing Validation Service (Optional Feature)

Billing Validation Service (BVS) provides the customer the ability to query the billing validation data in the Telephone Company's LIDB SCP containing Telephone Company calling card numbers, Telephone Company numbers with collect or bill to third party billing restrictions and public and semi-public telephone numbers. Based upon the received query information the LIDB will respond with a SS7 formatted confirmation of validity or denial for the requested billing option. Access to the Telephone Company's LIDB provides customers with potential toll fraud detection by validating calling card and collect or third party billing restrictions and performing public telephone checks.

LIDB queries are transported, via CCSAS, from a customer's Signaling Point of Interface (SPOI) to the Telephone Company Signal Transfer Point (STP) located in the LATA where the LIDB Signaling Control Point (SCP) is located.

BVS is designed to transport LIDB queries in an out of band format that is in accordance with the technical and performance requirements as defined in Technical Reference GR-954-CORE, Issue 4. (T) (C)(x)

BVS requires the establishment of a signaling connection between the customer's SPOI and the Telephone Company's STP. Customers must establish out of band signaling connections, as specified in 6.1.2(A)(2)(e) preceding, between its SPOI and the Telephone Company STP in the LATA where the LIDB SCP is located. Should a customer subscribe to both FGD with out of band signaling and BVS in the same LATA where the LIDB SCP is located, signaling for both services must travel over the same out of band signaling connection. The technical interface requirements as defined in Technical Reference GR-905-CORE, Issue 11, and in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, December 1990, apply to out of band signaling connections used for BVS. (C)(x) (C)(x) (T)

Customers ordering BVS are subject to the requirements specified in 2.3.9, 2.3.10(A)(4) and 2.3.10(A)(8).

(x) GR-905-CORE, Issue 11, replaces TR-TSV-000905 in its entirety.
GR-954-CORE, Issue 4, replaces TR-TSV-000954, Issue 1 in its entirety.



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.3 Switched Transport Optional Features (Cont'd)

(x)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.3 Switched Transport Optional Features (Cont'd)

(x)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.3 Switched Transport Optional Features (Cont'd)

(x)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.3 Switched Transport Optional Features (Cont'd)

(x)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.3 Switched Transport Optional Features

(B) Billing Validation Service (Optional Feature) (Cont'd)

The Telephone Company's LIDB will contain a record for every working line number and Billed Number Group served by the Telephone Company. Other exchange carriers who may store their data in the Telephone Company LIDB are requested to provide this data as well.

The Telephone Company will update the LIDB information; e.g., add, delete, and modify customer accounts as customers move, become delinquent on their account, or order new service, on a daily basis. The updates do not interrupt normal processing of queries.

The Telephone Company has procedures in place to deactivate billing validation data in the event that it is being used fraudulently. Calling cards identified or suspected of being fraudulently used will be updated 7 days a week, 24 hours a day.

The Telephone Company has established a regional Fraud Center operating 24 hours a day, 7 days a week, to monitor LIDB query thresholds, analyze and investigate potential fraudulent calling, receive interexchange carrier fraud alerts, and act as a single point of contact for LIDB accessors regarding suspected fraud activity. The Center has the ability to immediately deactivate billing validation data in the event it is being used fraudulently.

End user information, pertinent to the investigation, may be shared with LIDB Validation Service customers when validation queries for the specific customer reaches the Telephone Company established fraud threshold level. This fraud threshold level will be applied uniformly to most customers, however, higher threshold levels may be established for certain customers, upon their request (i.e., customers having excessive call volumes resulting in excessive queries to LIDB).

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.3 Switched Transport Optional Features

(B) Billing Validation Service (Optional Feature) (Cont'd)

When BVS is ordered, network compatibility and other operational tests will be performed cooperatively by the Telephone Company and the customer at locations, dates, and times as specified by the Telephone Company in consultation with the customer. These tests are as specified in Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, and (T)
Technical Reference GR-905-CORE, Issue 11, and successful (C)(x)
completion is necessary to receive BVS. To protect the security of the network, certain of the information provided, i.e., point codes, by the Telephone Company to the customer will be subject to a non-disclosure agreement.

The Telephone Company will administer its LIDB to insure the provision of acceptable service levels to all customers of the Telephone Company's BVS. During periods of BVS system congestion, an automatic call gapping procedure will be utilized to control such congestion. The automatic call gapping procedure will tell the switch the gap (how long the switch should wait before sending another query) and the duration (how long the switch should continue to perform gapping). For example, during an overload condition, the automatic call gapping procedure will tell the LIDB when to begin to drop one out of three of the queries received. This call gapping procedure will be applied uniformly to all users of the Telephone Company's BVS.

The Telephone Company maintains the right to invoke manual intervention of the automatic call gapping procedure to preserve the integrity of the network.

BVS is designed for one hundred percent (100%) availability and has a mated configuration to ensure such availability. The LIDB validation system is capable of processing up to 150 queries per second. The roundtrip response time for a query should not exceed two seconds for 99 percent of all queries.

BVS is subject to the rates and charges as specified in 6.9.1(M) following. A recurring Query Transport charge will be assessed on a per query basis to transport the LIDB query between the Telephone Company's STP and the LIDB SCP. A recurring Query Validation charge will be assessed on a per query basis for processing the LIDB query. A nonrecurring Service Establishment charge will be assessed on an originating point code basis for establishing or changing a customer's BVS.

(x) GR-905-CORE, Issue 11, replaces TR-TSV-000905 in its entirety.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.3 Switched Transport Optional Features

(C) Toll Free* Data Base Access Service

Toll Free Data Base Access Service is an originating only trunk side service. When a Toll Free+NXX+XXXX call is originated by an end user, the Telephone Company will perform customer identification based on screening of the full ten-digits of the Toll Free number to determine the customer location to which the call is to be routed.

Customers have the option of specifying an area of service from which to receive calls. A specific area of service can be a LATA, state, region, USA, or USA/Canada/Caribbean.

Toll Free Data Base Access Service calls may be delivered to the customer directly from an end office only when the end office is equipped with Toll Free Data Base query functionality, i.e., ability to query the Toll Free Data Base to perform ten-digit customer identification. When the end office does not have Toll Free Data Base query functionality, the query is delivered to the customer from the access tandem (all access tandems have Toll Free Data Base query functionality).

Feature Group D rates and charges apply to Toll Free Data Base Access Service calls originated from end offices with equal access capability. In addition to Feature Group D usage charges, a basic query charge as specified in 6.1.2(A)(8) preceding and 6.9.1(N) following applies to each Toll Free Data Base Access Service call delivered to the customer. A basic query charge consists of customer identification [i.e., Carrier Identification Number (CIC)], delivery of the dialed Toll Free ten-digit number, ANI, and the allowable area of service, designated by the customer, from which Toll Free calls can be received.

The Federal Communications Commission ("FCC") has concluded that hoarding, defined as the acquisition of more toll free numbers than one intends to use for the provision of toll free service, as well as the sale of a toll free number by a private entity for a fee, is contrary to the public interest in the conservation of the scarce toll free number resource and contrary to the FCC's responsibility to promote the orderly use and allocation of toll free numbers.

* "Toll Free" is considered to mean any access service which utilizes any of the following NPA's: 800, 888, 877, 866, 855, 844, 833, and 822 as they become available to the industry.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.3 Switched Transport Optional Features

(C) Toll Free Data Base Access Service (Cont'd)

Vertical Feature Package (VFP)

This feature package, available only with Toll Free Data Base Access Service, provides feature functionality in addition to the basic query. The feature package may include various destination options such as POTS Translation, carrier selection, time of day routing, day of week routing, specific date routing, geographic routing, routing based on percent of allocation, and emergency routing profiles.

Transmission Specifications

Toll Free Data Base Access Service is provided with either Type A, Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or C is provided.

- When routed to an access tandem only Type A is provided.

- Type A is provided on the transmission path from the access tandem to the end office.

Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2 through 10.

For Toll Free Data Base Access Service traffic originating from end offices with Data Base query functionality, all normal Feature Group D parameters apply.

Toll Free Data Base Access Service traffic originating from all other end offices, Type A Transmission Specifications are provided for the facility between the access tandem and the customer's facilities.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Common Switching and Transport Termination Optional Features and BSEs (Cont'd)

6.4.3 Switched Transport Optional Features

(D) 500 Access Service

500 Access Service is a service designed to meet the needs of 500 Service Providers of Personal Communications Service (PCS) who have been assigned a 500-NXX code by the North American Numbering Plan Administrator.

500 Access Service is an originating only trunk side service. When a 500-NXX-XXXX call is originated by an end user, the Telephone Company will perform customer identification based on six-digit 500-NXX screening of the 500 number to determine the customer location to which the call is to be routed.

Customers have the option of having the Telephone Company perform additional data base processing for calls to their 500-NXX code in order to translate the dialed 500-NXX-XXXX number to a geographic NANP number (i.e. POTS) for routing of the call. This option is not available for customers that have requested 0+500-NXX-XXXX originated calls to be completed by originating end users. A switched Access rearrangement charged as specified in 6.8.1(c)(2) will apply for each subsequent order for this option.

Certain end office switches are not equipped with 500 NXX query functionality. In these instances 0+500 calls will be routed to a Telephone Company operator switch which will translate the 0+500 NXX number and route the call. Customers will be required to provide trunks at the operator switch. 1+500 calls will be routed to a Telephone Company hubbing office equipped with 500 NXX functionality.

Feature Group D rates and charges apply to 500 Access Service calls originated from end offices with equal access capability. The query charge as specified in 6.9.1 following applies to each 500 Access Service call delivered to the customer. A query charge consists of customer identification [i.e., Carrier Identification Code (CIC) or Trunk Group], delivery of the dialed 500 number or POTS translation of the dialed 500 number, ANI, from the allowable area of service.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Specifications

Each Switched Access Service transmission path is provided with standard transmission specifications. There are three different standard specifications (Types A, B and C). The standard for a particular transmission path is dependent on the Switched Access Service, the Interface Group and whether the service is directly routed or via an access tandem. The available transmission specifications are set forth in 6.5.1 following. Data Transmission Parameters are also provided with each Switched Access Service transmission path. The Telephone Company will, upon notification by the customer that the data parameters set forth in 6.5.2(A) or 6.5.2(B) are not being met, conduct tests independently or in cooperation with the customer, and take any necessary action to insure that the data parameters are met.

The Telephone Company will maintain existing transmission specifications on functioning service configurations installed prior to the effective date of this tariff except that service configurations having performance specifications exceeding the standards listed in this provision will be maintained at performance levels specified in this tariff.

The transmission specifications contained in this Section are immediate action limits. Acceptance limits are set forth in Technical Reference GR-334-CORE, Issue 1. This Technical Reference also provides the basis for determining Switched Access service maintenance limits Transmission specifications for out of band signaling connections are set forth in the Verizon Supplement Common Channel Signaling (CCS) Network Interface Specification, Issue 1, and in Technical Reference GR-905-CORE, Issue 11. (C)(x)

Transmission specifications for 64 Clear Channel Capability, when provisioned with Trunkside BSA-101XXXX Option or FGD with out of band signaling, are set forth in Technical Reference GR-334-CORE, Issue 1. (C)(x)

(x) GR-334-CORE, Issue 1, replaces TR-NPL-000334 and TR-NWT-000938 in their entirety.
GR-905-CORE, Issue 11, replaces TR-TSV-000905 in its entirety.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Specifications (Cont'd)

6.5.1 Standard Transmission Specifications

Following are descriptions of the three Standard Transmission Specifications available with Switched Access Services. The specific applications in terms of the Switched Access Services and Interface Groups with which the Feature Group and BSA Standard Transmission Specifications are provided are set forth in 6.2.1(C), 6.2.2(C), 6.2.3(C) and 6.2.4(C) preceding.

(A) Type A Transmission Specifications

Type A Transmission Specifications are provided with the following parameters:

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is + 2.0 dB

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Specifications (Cont'd)

6.5.1 Standard Transmission Specifications (Cont'd)

(A) Type A Transmission Specifications (Cont'd)

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to the loss at 1004 Hz is -1.0 dB to +3.0 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

| Route Miles | C-Message Noise |
|---|---|
| less than 50 | 32 dBrnCO |
| 51 to 100 | 34 dBrnCO |
| 101 to 200 | 37 dBrnCO |
| 201 to 400 | 40 dBrnCO |
| 401 to 1000 | 42 dBrnCO |

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBmO holding tone, is less than or equal to 45 dBrnCO.

(5) Echo Control

Echo Control, identified as Equal Level Echo Path Loss and expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), is dependent on the routing, i.e., whether the service is routed directly from the customer's Point of Termination (POT) to the end office or via an access tandem. They are equal to or greater than the following:

| | Echo Return Loss | Singing Return Loss |
|---|---|---|
| POT to Access Tandem | 21 dB | 14 dB |
| POT to End Office | | |
| - Direct | N/A | N/A |
| - Via Access Tandem | 16 dB | 11 dB |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Specifications (Cont'd)

6.5.1 Standard Transmission Specifications (Cont'd)

(B) Type B Transmission Specifications

Type B Transmission Specifications are provided with the following parameters:

(1) Loss Deviation

The maximum deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is + 2.5 dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +4.0 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

| | C-Message Noise* | |
|---|---|---|
| Route Miles | Type B1 | Type B2 |
| less than 50 | 32 dBrnCO | 35 dBrnCO |
| 51 to 100 | 33 dBrnCO | 37 dBrnCO |
| 101 to 200 | 35 dBrnCO | 40 dBrnCO |
| 201 to 400 | 37 dBrnCO | 43 dBrnCO |
| 401 to 1000 | 39 dBrnCO | 45 dBrnCO |

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBm0 holding tone is less than or equal to 47 dBrnCO.

* For Trunkside BSA-101XXXX Option and Feature Group D, only Type B2 will be provided. For Lineside BSA, Trunkside BSA - 950 Option and Feature Groups A and B, Type B1 or B2 will be provided set as forth in Technical Reference GR-334-CORE, Issue 1. (D) (D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Specifications (Cont'd)

6.5.1 Standard Transmission Specifications (Cont'd)

(B) Type B Transmission Specifications

(5) Echo Control

Echo Control, identified as Impedance Balance for Lineside BSA, Trunkside BSA - 950 Option and FGA and FGB and Equal Level Echo Path Loss for Trunkside BSA-101XXXX Option and FGD, and expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), is dependent on the routing, i.e., whether the service is routed directly from the customer Point of Termination (POT) to the end office or via an access tandem. The ERL and SRL also differ by Switched Access Services of termination, and type of transmission path. They are greater than or equal to the following: (D)

| | Echo Return Loss | Singing Return Loss |
|---|---|---|
| POT to Access Tandem | | |
| - Terminated in 4-Wire trunk | 21 dB | 14 dB |
| - Terminated in 2-Wire trunk | 16 dB | 11 dB |
| POT to End Office | | |
| - Direct | 16 dB | 11 dB |
| - Via Access Tandem | | |
| - For Trunkside BSA - 950 Option and FGB access | 8 dB | 4 dB |
| - For FGB access (Effective 4-Wire transmission path at end office) | 16 dB | 11 dB |

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Specifications (Cont'd)

6.5.1 Standard Transmission Specifications (Cont'd)

(C) Type C Transmission Specifications

Type C Transmission Specifications are provided with the following parameters:

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is + 3.0 dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +5.5 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

| | C-Message Noise* | |
|---|---|---|
| Route Miles | Type C1 | Type C2 |
| less than 50 | 32 dBrnCO | 38 dBrnCO |
| 51 to 100 | 33 dBrnCO | 39 dBrnCO |
| 101 to 200 | 35 dBrnCO | 41 dBrnCO |
| 201 to 400 | 37 dBrnCO | 43 dBrnCO |
| 401 to 1000 | 39 dBrnCO | 45 dBrnCO |

* For Trunkside BSA-101XXXX Option and Feature Group D, only Type C2 will be provided. For Lineside BSA, Trunkside BSA - 950 Option, and Feature Groups A and B, Type C1 or C2 will be provided as set forth in Technical Reference GR-334-CORE, Issue 1. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Specifications (Cont'd)

6.5.1 Standard Transmission Specifications (Cont'd)

(C) Type C Transmission Specifications (Cont'd)

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a 16 dBmO holding tone is less than or equal to 47 dBrnCO.

(5) Echo Control

Echo Control, identified as Return Loss and expressed as Echo Return Loss and Singing Return Loss is equal to or greater than the following:

| | Echo Return Loss | Singing Return Loss |
|---|---|---|
| POT to End Office - Direct | 13 dB | 6 dB |



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Specifications (Cont'd)

6.5.2 Data Transmission Parameters

Two types of Data Transmission Parameters, i.e., Type DA and Type DB, are provided for the Switched Access Services. The specific applications in terms of the BSAs with which they are provided are set forth in 6.3.1, 6.3.2, 6.3.2.1, 6.3.2.2, and 6.3.2.3 preceding. Following are descriptions of each.

(A) Data Transmission Parameters Type DA

(1) Signal to C-Notched Noise Ratio

The Signal to C-Notched Noise Ratio is equal to or greater than 33 dB.

(2) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

| | 604 to 2804 Hz |
|---|---|
| less than 50 route miles | 500 microseconds |
| equal to or greater than 50 route miles | 900 microseconds |

| | 1004 to 2404 Hz |
|---|---|
| less than 50 route miles | 200 microseconds |
| equal to or greater than 50 route miles | 400 microseconds |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Specifications (Cont'd)

6.5.2 Data Transmission Parameters (Cont'd)

(A) Data Transmission Parameters Type DA (Cont'd)

(3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 65 dBrnCO threshold in 15 minutes is no more than 15 counts.

(4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion Products are equal to or greater than:

| | |
|---|---|
| Second Order (R2) | 33 dB |
| Third Order (R3) | 37 dB |

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 5° peak-to-peak.

(6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

(B) Data Transmission Parameters Type DB

(1) Signal to C-Notoned Noise Ratio

The signal to C-Notoned Noise Ratio is equal to or greater than 30 dB.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Transmission Specifications (Cont'd)

6.5.2 Data Transmission Parameters (Cont'd)

(B) Data Transmission Parameters Type DB (Cont'd)

(3) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

| | 604 to 2804 Hz |
|---|---|
| less than 50 route miles | 800 microseconds |
| equal to or greater than 50 route miles | 1000 microseconds |

| | 1004 to 2404 Hz |
|---|---|
| less than 50 route miles | 320 microseconds |
| equal to or greater than 50 route miles | 500 microseconds |

(3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 67 dBrnCO threshold in 15 minutes is no more than 15 counts.

(4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion Products are equal to or greater than:

| | |
|---|---|
| Second Order (R2) | 31 dB |
| Third Order (R3) | 34 dB |

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 7° peak-to-peak.

(6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Telephone Company

In addition to the obligations of the Telephone Company set forth in 2. preceding, the Telephone Company has certain other obligations pertaining only to the provision of Switched Access Service. These obligations are as follows:

6.6.1 Network Management

The Telephone Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services. Generally, service levels are considered acceptable only when both end users and customers are able to establish connections with little or no delay encountered within the Telephone Company network. The Telephone Company maintains the right to apply protective controls, i.e., those actions, such as call gapping, which selectively cancel the completion of traffic, over any traffic carried over its network, including that associated with a customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Telephone Company or customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer, the customer will be granted a Credit Allowance for Service Interruption as set forth in Section 2.7.1.1 preceding. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Telephone Company (Cont'd)

6.6.2 Design and Traffic Routing of Switched Access Service

For Switched Access Services, the customer and the Telephone Company will apply a capacity threshold test to determine the design and routing of the Switched Access Service. When the amount of estimated traffic to and/or from an end office is equal to or less than 750 busy hour minutes of use, the customer may specify whether the traffic is to be routed directly between the end office and customer's premises or whether all or a portion of the traffic should be routed via an access tandem. When the amount of estimated traffic to and/or from an end office exceeds 750 busy hour minutes of use, the Telephone Company will work cooperatively with the customer to design and determine the routing and directionality using either direct final trunks or a combination of direct high usage trunks between the end office and the customers premises, with alternate route trunks via the access tandem.

The Telephone Company will determine whether trunk side access will be provided through the use of two-wire or four-wire trunk terminating equipment. Selection of facilities and equipment and traffic routing of the service are based on standard engineering methods, available facilities and equipment, and the Telephone Company traffic routing plans.

6.6.3 Provision of Service Performance Data

Subject to availability, end-to-end service performance data available to the Telephone Company through its own service evaluation routines, may also be made available to the customer based on previously arranged intervals and format. These data provide information on overall end-to-end call completion and non-completion performance, e.g., customer equipment blockage, failure results and transmission performance. These data do not include service performance data which are provided under other Tariff Sections, e.g., testing service results. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual case basis.

6.6.4 Trunk Group Measurement Reports

Subject to availability, the Telephone Company will make available trunk group data in the form of usage in CCS, peg count and overflow, to the customer based on previously agreed to intervals.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Telephone Company (Cont'd)

6.6.5 Determination of Number of Transmission Paths

The following applies to switched access voice transmission paths, and does not apply to signaling connections provided with CCSAS. The number of transmission paths for out of band signaling connections will be determined jointly by the Telephone Company and the Customer.

Customers ordering Switched Access Services specify the number of transmission paths in the order for service. A transmission path is a communication path within the frequency bandwidth of approximately 300 to 3000 Hz or a derived communication path of a frequency bandwidth of approximately 300 Hz to 3000 Hz provided over a high frequency analog facility or a high speed digital facility between a customer's premises and a Telephone Company location.

6.6.6 Determination of Number of End Office Transport Terminations

For analog entry switches, a termination will be provided for each transmission path provided. For digital entry switches, an equivalent termination will be provided for each transmission path provided.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Telephone Company (Cont'd)

6.6.7 Designed Blocking Probability

The Telephone Company will design the facilities for the provision of tandem circuits used for common transport between the access tandem and the end office.

In addition, the Telephone Company will perform routine measurement functions in accordance with Telephone Company blocking objectives to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional trunks be ordered by the customer when required to reduce the measured blocking to the objective.

(A) For FGA and FGB (Lineside BSA and Trunkside BSA - 950 Option) no blocking criteria apply.

(B) The blocking objective for FGB on D and FGD will be no greater than one percent (.01) between the point of termination at the customer's premises and the first point of switching in the Telephone Company's network when traffic is directly routed without an alternate route. For this directly routed traffic, the objective is solely a function of the customer's network design. (D)

(C) The blocking objective for FGD (Trunkside BSA - 10XXX/101XXXX) will be no greater than one percent (.01) between the point of termination at the customer’s premises and the end office switch, whether the traffic is directly routed without an alternate route or routed via an access tandem. For traffic routed via an access tandem, the objective is a combination of the Telephone Company's common transport design capacity and the customer's network design capacity.

(D) Standard traffic engineering methods as set forth in Technical Reference SR-TAP-000191, Issue 2, Trunk Traffic Engineering Concepts and Applications, will be used by the Telephone Company to determine the number of trunks required to achieve the blocking objectives in all cases.

The design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the thresholds listed in the following tables:

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Telephone Company (Cont'd)

6.6.7 Designed Blocking Probability (Cont'd)

(D) (Cont'd)

| Number of Transmission Paths Per Trunk Group | Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Per Trunk Group | | | |
|---|---|---|---|---|
| | 15-20 Measurements | 11-14 Measurements | 7-10 Measurements | 3-6 Measurements |
| 2 | .070 | .080 | .090 | .140 |
| 3 | .050 | .060 | .070 | .090 |
| 4 | .050 | .060 | .070 | .080 |
| 5-6 | .040 | .050 | .060 | .070 |
| 7 or more | .030 | .035 | .040 | .060 |

(1) For transmission paths carrying first routed traffic between an end office and a customer's premises via an access tandem, the measured blocking thresholds are as follows:

| Number of Transmission Paths Per Trunk Group | Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Per Trunk Group | | | |
|---|---|---|---|---|
| | 15-20 Measurements | 11-14 Measurements | 7-10 Measurements | 3-6 Measurements |
| 2 | .045 | .055 | .060 | .095 |
| 3 | .035 | .040 | .045 | .060 |
| 4 | .035 | .040 | .045 | .055 |
| 5-6 | .025 | .035 | .040 | .045 |
| 7 or more | .020 | .025 | .030 | .040 |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Telephone Company (Cont'd)

6.6.8 End User Line and Usage Information Data

(A) General

The Telephone Company will provide to customers, upon request, historical and projected information pertaining to the number of end user lines and latest available average use per line. Such information shall be limited to that information which the Telephone Company uses in the course of performing its normal business operations. Additionally, the Telephone Company will make update information available only on a semi-annual basis.

(B) Information Content and Format

The historical and projected data will be provided on a per end office basis and will consist of the following information:

- Number of residential lines
- Number of business lines
- Average use per line

Unless requested otherwise, the data will be provided in machine-readable format.

(C) Availability of Data

The Telephone Company will provide the data to the requesting customer within 30 days of the receipt of the request. Separate requests are limited to two per end office per year.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.6 Obligations of the Telephone Company (Cont'd)

6.6.8 End User Line and Usage Information Data (Cont'd)

(D) The charge to the customer for such data will be developed on an individual case basis and will include only those incremental costs incurred by the Telephone Company in responding to the individual data request. Individual Case Basis (ICB) tariff filings will be made in Section 12, Specialized Service or Arrangements, following. Incremental costs include, but are not limited to, costs associated with the provision of data in a non-standard format as well as costs associated with responding to other individualized treatment requested by the customer.

6.6.9 Bill Verification Data

At the customer's request and at no charge, the Telephone Company will provide, within 30 days from receipt of a written request, underlying data used to derive subscriber line ratios as defined in Section 6.8.1 (D)(4) following. In addition to data used to develop subscriber line ratios, additional bill verification data, as is readily available, will also be provided subject to the preceding conditions. (D)

6.7 Obligations of the Customer

In addition to the obligations of the customer set forth in 2. preceding the customer has certain specific obligations pertaining to the use of Switched Access Service. These obligations are as follows:

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Obligations of the Customer (Cont'd)

6.7.1 Report Requirements

Customers are responsible for providing the following reports to the Telephone Company, when applicable.

(A) Jurisdictional Reports

When a customer orders Switched Access Service for both interstate and intrastate use, the customer is responsible for providing reports as set forth in 2.3.10 preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the interstate charges is set forth in 2.3.11 preceding.

(B) Code Screening Reports

When a customer orders service class routing, trunk access limitation or call gapping arrangements, it must report the number of trunks and/or the appropriate codes to be instituted in each end office or access tandem switch, for each of the arrangements ordered.

(C) Telecommunications Relay Service (TRS) Provider Reports

When a customer uses Switched Access service to carry tandem routed traffic originated from a TRS Center, in cases where the tandem does not have the capability to measure calls, the Telephone Company will assess applicable access charges to the customer based on reports provided by the TRS provider.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Obligations of the Customer (Cont'd)

6.7.1 Report Requirements (Cont'd)

(D) 900 and Interim 500 Access Service NXX Codes

All 900 and Interim 500 NXX Code assignments and administration shall be in accordance with the North American Numbering Plan (NANP).

When ordering 900 and Interim 500 Access Service, NXX Codes to be activated or deactivated must be provided to the Telephone Company in accordance with applicable ordering intervals. Customer assigned codes, for which an order has not been received, will be blocked.

Customers ordering 900 Access Service are required to provide both a field test number and a trouble referral contact number to the Telephone Company coincident with the order for service. The field test number will be utilized by the Telephone Company to place test calls to the Customer's premises. The referral contact number will be utilized by the Telephone Company to refer end user trouble reports to the appropriate customer.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.7 Obligations of the Customer (Cont'd)

6.7.2 Supervisory Signaling

The customer's facilities shall provide the necessary on-hook, off-hook answer and disconnect supervision. For 500 Access Service, Toll Free Data Base Access Service, and 900 Access Service, which originates from end offices other than equal access end offices with the customer identification function, and for Trunkside BSA - 950, the customer shall provide answer off-hook signal upon completion of the outpulsed signaling sequence at his point of presence.

For Trunkside BSA-101XXXX Option, including 500 Access Service, Toll Free Data Base Access Service, and 900 Access Service from equal access end offices with the customer identification function, the customer shall return answer off-hook signal when the called party answers.

6.7.3 Trunk Group Measurements Reports

With the agreement of the customer, trunk group data in the form of usage in CCS, peg count and overflow for its end of all access trunk groups, where technologically feasible, will be made available to the Telephone Company. These data will be used to monitor trunk group utilization and service performance and will be based on previously arranged intervals and format.

6.7.4 Design of Switched Access Services

When a customer orders Trunkside BSA-101XXXX Option Switched Access Service, or trunks associated with 900 Access Service, 500 Access Service, Toll Free Data Base Access Service, it is the customer's responsibility to assure that sufficient access services have been ordered to handle its traffic. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations

This Section contains the specific regulations governing the rates and charges that apply for Switched Access Service.

6.8.1 Description and Application of Rates and Charges

There are three types of rates and charges that apply to Switched Access Service. These are monthly recurring rates, usage rates and nonrecurring charges. These rates and charges are applied differently to the various rate elements as set forth in (D) following.

Certain Switched Transport rates and charges (monthly and non-recurring) will be applied based on Rate Zones or Metropolitan Statistical Areas (MSAs). Rate Zones are defined in Section 2.1 and contained in Section 14.6. In cases where the Channel Mileage crosses Rate Zones (e.g., serving wire center 1 is in Rate Zone 1 and serving wire center 2 is in Rate Zone 2), the higher-rated mileage charge will be applied to the entire channel mileage. Multiplexing rates will be determined by the location of the multiplexing arrangement. (C) (C)

MSAs are defined in Section 2.6 and are listed in Section 14.7. In wire centers within a qualifying MSA, monthly rates and nonrecurring charges for certain Switched Access service rate elements are arranged in price bands. The price band for each serving wire center within a qualifying MSA and the type of Switched Access Services which are subject to price band rating are specified in Section 14.7, following. In cases where Channel Mileage crosses price bands, the charge for the higher numbered price band applies. When channel mileage is between an MSA price band and a Non-qualifying MSA (N-MSA) wire center, the rates and charges for the N-MSA wire center (a rate zone charge or a basic (N-MSA) channel mileage charge) apply. (N) (N)

Certain material formerly appearing on this page currently appears on Original Page 6-184.1.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(A) Monthly Rates (M)

Monthly rates are flat recurring rates that apply each month or fraction thereof that a specific rate element is provided, except for the following. For billing purposes, each month is considered to have 30 days.

(1) DS3 Entrance Facility Channel Terminations

Monthly rates for DS3 Entrance Facility Channel Terminations apply on a tapered schedule as set forth in Section 6.9.1 following. The rate to be billed for each channel termination is based on a count of the total eligible Switched and Special Access channel terminations that are in service and in billing at the end of the bill period, whether provided on a month-to-month basis, under one or more term pricing plans, or a combination of both. (M)

(M) Certain material currently appearing on this page formerly appeared on Original Page 6-184.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(A) Monthly Rates (Cont'd)

(1) DS3 Entrance Facility Channel Terminations (Cont'd)

The following Switched and Special Access channel termination rate elements are eligible for inclusion in the Telephone Company's monthly count:

- DS3 Switched Access Entrance Facilities channel terminations (electrical and optical) as described in Section 6.9.1 following
- interstate DS3 High Capacity Special Access Service channel terminations at a primary premises provided by the Telephone Company. (T) (D) (C)

Before the first billing period of each month, the Telephone Company will count all eligible DS3 Switched Access Entrance Facility channel terminations that are in service between the same two locations (e.g., a customer-designated premises and the same serving wire center). If that customer-designated premises is a primary premises for Special Access Service, as defined in Section 7.4.1 following, the Telephone Company will also count all eligible DS3 High Capacity Special Access Services that are in service. The results are added to obtain the total count for a particular customer-designated premises and determines the applicable rate band. This step is repeated for each customer-designated premises.

When a facility carries both Switched and Special Access service under a Shared Use Arrangement as set forth in Section 6.8.17 following, each channel termination will be counted as either Switched Access or Special Access, but the total number of such circuits will be counted in determining the rate band charged.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(A) Monthly Rates (Cont'd)

(1) DS3 Entrance Facility Channel Terminations (Cont'd)

For example, the Telephone Company's total DS3 count for a customer taken before the first billing period of the month is 16. A customer has six eligible DS3 Switched Access Entrance Facilities and ten eligible Special Access DS3 High Capacity Service channel terminations in service at its premises. The applicable rate band for each category (Switched or Special) of channel terminations is band 16. During the month, each of the six DS3 Switched Access Entrance Facilities is billed at the then effective rate under band 16 (for Switched Access) and each of the ten DS3 High Capacity Special Access Services is billed at the then effective rate under band 16 (for Special Access).

The rate band determined by the last count taken shall be used to calculate all charges incurred by and credits due to the customer for DS3 Switched Access Service Entrance Facility channel terminations established or discontinued during the preceding billing period. The count will not be adjusted for any reason for service order activity occurring after the count is made, including services that were installed prior to the count but were not in billing when the count was taken.

(D)
(D)
(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(B) Usage Rates

Usage rates are rates that apply only when a specific rate element is used. These are applied on a per access minute basis. Charges are accumulated over a monthly period.

(C) Nonrecurring Charges

Nonrecurring charges are one time charges that apply for a specific work activity (e.g., installation or change to an existing service). The types of nonrecurring charges that apply for Switched Access Service are: installation of service and service rearrangements.

Certain nonrecurring charges applicable to the installation of access service consist of a "first" and "additional" charge. For each facility, line, or trunk ordered, the first charge applies to the first facility, line, or trunk specified on the order, with the additional charge applied to each additional facility, line, or trunk specified on the same order between same locations.

(1) Installation of Service

Nonrecurring charges apply to each Switched Access Service installed. For Switched Services, the charge is applied per line or trunk.

In addition, nonrecurring charges apply when Common Channel Signaling Access Service is installed for use with Trunkside BSA-101XXXX Option, Feature Group D and/or Billing Validation Service as specified in 6.9.1(B) following.

When newly installed service is added to a Commitment Discount Plan, the channel termination nonrecurring charge which applies is $1.00. (N) | (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(2) Service Rearrangements

Service rearrangements are changes to existing services installed which do not result in either a change in the minimum period requirements as set forth in 5.2.5 preceding or a change in the physical location of the point of termination at a customer's premises or a customer's end user's premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. Changes in the physical location of the point of termination are treated as moves and described and charged for as set forth in 6.8.7 following.

The charge to the customer for the service rearrangement is dependent on whether the change is administrative only in nature or involves an actual physical change to the service, including the addition of a FGD Carrier identification Code (CIC) to an existing network and other translation-only type work.

- When the physical change involves the addition of FGD CIC(s) to an existing network, a service rearrangement charge would apply per CIC, per sub-tending end office, per access tandem.
- When the physical change involves translation-only type work, a service rearrangement charge would apply at the level of work being performed (such as per trunk, per trunk group, per end office, or per access tandem).

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(2) Service Rearrangements (Cont'd)

Administrative changes will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Access Service to the same customer (i.e., same customer remains responsible for all outstanding indebtedness for the Access Service). Administrative changes are as follows:

- Change of customer name, (i.e., the customer of record does not change but rather the customer of record changes its name -- e.g., AT&T-Long Lines to AT&T Communications)
- Change of customer or customer's end user premises address when the change of address is not a result of a physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(2) Service Rearrangements (Cont'd)

All other service rearrangements will be charged for as follows:

- If the change involves the addition of an optional feature or BSE which has a separate nonrecurring charge, that nonrecurring charge will apply.

A charge as specified following will apply on each transmission path reconfigured from:

- SS7 signaling to MF signaling
- 64CCC to SS7 signaling
- 64CCC to MF signaling

When out of band signaling or 64CCC is ordered, the customer may add Calling Party Number (CPN), Charge Number (CN), Carrier Selection Parameter (CSP), and Access Transport Parameter (ATP) at no additional charge if these features are specified at the time out of band signaling or 64CCC is ordered for existing switched access trunks.

For Dedicated Network Access Link BSAs, the addition of optional features without separate nonrecurring charges, a charge equal to a channel termination rate element first nonrecurring change charge will apply. Only one such charge will apply per service per change.

For all other changes; including the addition of, or modifications to, optional features or BSEs without separate nonrecurring charges, a charge as specified following will apply. When an optional feature or BSES is not required on each transmission path, but rather for an entire transmission path group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

| | USOC | Nonrecurring Charge |
|---|---|---|
| - Per Rearrangement | NRBOK | $50.00 |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(2) Service Rearrangements (Cont'd)

Rearrangement charges as specified in 6.9.1 following apply on a per termination basis for the following service rearrangements:

a) rearranging an existing subtending service from one port to another in the same multiplexing arrangement;

b) rearranging an existing subtending service from one multiplexing arrangement to another like multiplexing arrangement in the same wire center; and

c) rearranging an existing service into a high capacity service multiplexing arrangement in the same wire center.

d) rearranging an existing service to a Collocated Interconnection Cross-Connect Service or SPOT Bay Frame and Terminations, which are described in Section 19 following, in the same wire center; (C)(X) (C)(X)

e) rearranging a Collocated Interconnection Cross-Connect Service or SPOT Bay Frame and Terminations, which are described in Section 19 following, to a Switched Access Service in the same wire center; and (C)(X) | | (C)(X)

When services are rearranged as described above, additional charges for the Rearrangement Charges may apply to all such rearranged services beyond the first without regard to their end-point locations, so long as they are all of the same service type, have the same date due, and are all being rearranged to the same multiplexing arrangement.

Certain regulations previously found on this page can now be found on Page No. 6-192.

(X) Filed under authority of Special Permission No. 01-028 of the Federal Communications Commission.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Connection Charge (M) (X)

The Switched Access Connection Charge recovers the costs of connecting the trunks/line to the switch. These charges are in addition to any facility charges and are to be applied on a per line/per trunk basis.

(4) Service Order Charge

The Service Order Charge does not apply when a facility and the trunks that ride that facility are being installed at the same time. (M) (X)

(5) In addition, the facility nonrecurring charge will not apply for changing facility capacity or faulty interface (i.e., changes from or to Voice Grade, DS1 or DS3 facilities). No facility nonrecurring charge will apply for "grooming" facilities (i.e., adding new facilities as well as rearranging trunks on existing facilities in order to increase utilization or fill). These charges will not apply as long as the order is placed by December 31, 1995.

(X) Filed under authority of Special Permission No. 01-028 of the Federal Communications Commission.

(M) Certain regulations on this page formerly appeared on Page No. 6-191.



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates

End Office (i.e., Local Switching) and the Information Surcharge rates are applied as premium rates. (T)

The following rules provide the basis for applying the rates and charges:

(1) Premium rates apply to all Trunkside BSA-101XXXX Option access minutes, and to all Lineside BSA and Trunkside BSA - 950 Option access minutes that originate from or terminate at end offices equipped with equal access (i.e., Trunkside BSA-101XXXX Option) capabilities. Premium rates also apply to all Toll Free Data Base Access Service and 900 Access Service minutes that originate from an equal access end office via Trunkside BSA-101XXXX Option.

(2) The premium rates are further differentiated based upon the directionality of the traffic carried over the Switched Access Service. (C) | (C)

(3) Reserved for Future Use

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

(4) Reserved for Future Use (C) (D)

(D)



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(T)
(T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(D)

(D)



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(T)
(T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

(4) (Cont'd)

(b) (Cont'd)

(iii) (Cont'd)

900 Access Service traffic has been combined in the same trunk group with the customer's Trunkside BSA-101XXXX Option and FGD traffic, 900 Access Service minutes shall not be used to offset premium rates as set forth preceding.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

(D)
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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

(D)

(D)

(5) Where Switched Access Service is provided in conjunction with a CEC or RCC, and the regulations as set forth in 2.4.8, preceding apply, the Telephone Company will apply premium Switched Transport rates. (D)

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

(5) (Cont'd)

(a) Entrance Facility

The Entrance Facility monthly rate provides for the communication path between a customer's premises and the SWC of that premises and is assessed based on the capacity of the facilities provided (e.g., Voice Grade, DS1, DS3, or IEF). When Lineside Switched Access service is ordered, the Voice Grade Entrance Facility rate is assessed for each Lineside service requested unless the customer requests an Entrance Facility of higher capacity. The Entrance Facility rate is assessed when the customer premises and the SWC are in the same building. The Entrance Facility rate is in addition to the rates assessed for Direct Trunked Transport and Tandem Switched Transport. Rates and charges are set forth in Section 6.9 following. (D)

(b) Direct Trunked Transport

The Direct Trunked Transport monthly rate provides for the transmission facilities between the SWC of the customer's facilities to the end office or the access tandem based on the capacity of the facility requested, Voice Grade, DS1, or DS3. When Lineside Switched Access service is ordered, the Voice Grade Direct Trunked Transport rate is assessed for each Lineside service requested unless the customer requests a Direct Trunked Transport facility of higher capacity. There are two rates that apply, a fixed rate and a rate per mile. The Direct Trunked Transport rate is in addition to the Entrance Facility rate. Mileage measurement is described in Section 6.8.13 following. Rates and charges are set forth in Section 6.9 following. (D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

(5) (Cont'd)

(c) Tandem Transport Charge

The Tandem Transport Charge is assessed on a per minute of use basis. There are two rates that apply, a fixed rate and a rate per mile/per minute. The Tandem Transport rate is in addition to the Entrance Facility rate. Mileage measurement is described in Section 6.8.13 following. Rates and charges are set forth in Section 6.9 following.

(d) Tandem Switching

The Tandem Switching rate is assessed on a per minute of use basis and is applicable to all Switched Access minutes of use utilizing an access tandem via Tandem Switched Trunk. The Tandem Switching rate is in addition to the Tandem Transmission rate and the rates associated with the Entrance Facility. Rates and charges are set forth in Section 6.9 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

(5) (Cont'd)

(e) Dedicated Tandem Trunk Port

The Dedicated Tandem Switching Trunk Port is a monthly rate assessed per activated trunk for every dedicated trunk terminating on the serving wire center side of the access tandem. Rates and charges are set forth in Section 6.9 following.

(f) Interconnection Charge

The Interconnection Charge is assessed on a per minute of use basis and is applicable to all Switched Access minutes of use based on the direction of the traffic and whether or not it is collocated or non-collocated. The originating Interconnection Charge rate will apply to all originating access minutes of use except those associated with calls placed to 700, 800, and 900 numbers. The terminating Interconnection Charge rate will apply to all terminating access minutes of use and all originating access minutes of use associated with calls placed to 700, 800, and 900 numbers.

(g) Host/Remote Transport

When the customer orders Switched Access via the tandem to a remote switching system or module (RSS or RSM), Tandem Transmission rates are assessed between the SWC and the host office or between the access tandem and the host office, whichever is applicable. In addition, Host/Remote Transmission rates are assessed between the host and the RSS or RSM.

When the customer orders DTT to a RSS or RSM, DTT rates are assessed between the SWC and the host office and Host/Remote Transmission rates are assessed between the host and the RSS or RSM. Mileage measurement rules are set forth in 6.8.13 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

(6) Where Switched Access Service is used to carry traffic originated from a TRS Center, Switched Transport rates apply. Local Switching rates do not apply.

(7) FGA provided with a voice grade interface the following rate elements are applicable:

- Entrance Facility - 2 wire or 4 wire
- Direct Trunked Transport, fixed and per mile, measured from the SWC to the DTO.
- Local Switching MOU
- Information Surcharge
- Carrier Common Line
- The Interconnection rate applies also to all Local Switching MOUs

Terminating Usage Rate Elements
Tandem fixed MOU and per mile MOU rates apply from the DTO to the End Office where the call terminates.
Local Switching MOU.
Information Surcharge.
Carrier Common Line.
The Interconnection rate applies also to all Local Switching MOU.

Originating Usage Rate Elements
Local Switching MOU
Information Surcharge
Carrier Common Line
The IC rate applies to all Local Switching MOU.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.1 Description and Application of Rates and Charges (Cont'd)

(D) Application of Rates (Cont'd)

(8) FGA provided with a digital interface the following rate elements are applicable:

- Entrance Facility - DS1
- Direct-Trunked Transport, fixed and per mile, measured from the SWC to the DTO.
- Multiplexer
  - Local Switching MOU
  - Information Surcharge
  - Carrier Common Line
  - The Interconnection rate applies also to all Local Switching MOUs

The same originating and terminating usage rate elements apply as for non-digital interface as indicated in paragraph (7) above.

(9) Multiplexing

No multiplexing charge will apply except as indicated in (8) above if an individual circuit carrying trunks is at a DS1 level (Entrance Facilities and Direct Trunked Transport) and terminating at a specific switch.

Certain material previously appearing on this page currently appears on Original Page 6-204.1



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.2 Minimum Periods

(A) The minimum service period for Switched Transport entrance facilities and direct trunked transport are as follows:

DS1: 2 months
DS3: 12 months
IEF: 12 months

(D)
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(D)
(D)

(B) When service is provided under a Commitment Discount Plan as set forth in Section 25 following, the minimum period for service provided under a Commitment Discount Plan is one (1) year from the date that such service is installed in lieu of the minimum period which would normally apply to that service. Commitment Discount Plan minimum period regulations are specified in Section 25.1.10 following. (T)

(D)

(C) All other Switched Access Service is provided for a minimum period of one month. (T)

(D) When service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. Customers may at any time change their service payment option to a Term Payment Plan without assessment of the minimum service charge. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.3 Reserved for Future Use

6.8.4 Minimum Monthly Charge

Switched Access Service is subject to a minimum monthly charge. The minimum charge applies for the total capacity provided. The minimum monthly charge consists of the following elements:

The minimum monthly charge for the Local Switching, the Information Surcharge, and the Switched 56 (S56) Kilobit Service rate elements is the sum of the charges set forth in Section 6.9.2(A), 6.9.5, and 6.9.7 following for the measured usage for the month. (T) (D) (D)

For a Dedicated Network Access Link, the minimum monthly charge for a month or fraction thereof is the applicable monthly rates for the service as set forth in Section 6.9.1(O) following.

6.8.5 Reserved



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.6 Change of Feature Group or BSA Type

Changes from one type of Feature Group to another type of Feature Group, or from one type of BSA to another type of BSA, will be treated as a discontinuance of one type of service and a start of another. Nonrecurring charges will apply, with two exceptions.

(1) When a customer upgrades a Feature Group A or B service to a Feature Group D service, or upgrades a Lineside BSA or Trunkside BSA - 950 Option to a Trunkside BSA-101XXXX Option, the nonrecurring charge will not apply if the following conditions are met:

(a) The same customer premises must be maintained on the order for the Trunkside BSA-101XXXX Option or FGD trunks, unless mutually agreed upon by the Telephone Company and the customer when appropriate Telephone Company central office switching equipment and other facilities exists, and

(b) Reserved for Future Use (C) (D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.6 Change of Feature Group or BSA Type (Cont'd)

(1) (Cont'd)

(c) Reserved for Future Use (C) (D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.6 Change of Feature Group or BSA Type (Cont'd)

(1) (Cont'd)

(d) Subject to the availability of appropriate Telephone Company central office switching equipment and other facilities, customers may upgrade from one-way Trunkside BSA - 950 Option or FGB trunks to two-way Trunkside BSA-101XXXX Option or FGD trunks will not be subject to charge as long as the number of two-way Trunkside BSA-101XXXX Option or FGD trunks does not exceed the number of one-way Trunkside BSA - 950 Option or FGB trunks disconnected, i.e., a one-for-one substitution of one-way trunks for two-way trunks. The customer must retain the same technical interface specifications unless otherwise mutually agreed upon by the Telephone Company and the customer, when appropriate Telephone Company central office switching equipment and other facilities are available. One-way Trunkside BSA - 950 Option or FGB trunks may be upgraded to two-way Trunkside BSA-101XXXX Option or FGD trunks where equipment and facilities are available Conversion of one-way Trunkside BSA - 950 Option or FGB trunks to two-way Trunkside BSA-101XXXX Option or FGD trunks will be scheduled on a project basis by the Telephone Company, in cooperation with the customer.

(e) Customers who are upgrading from tandem or end office routed Trunkside BSA - 950 Option or FGB trunks to direct end office or tandem routed Trunkside BSA-101XXXX Option or FGD trunks will not be subject to nonrecurring charges as long as the number of trunks connected do not exceed the number of trunks disconnected, i.e., a one-for-one substitution of tandem routed trunks for end office trunks or end office trunks for tandem routed trunks. The customer must meet the conditions as specified in section 6.1.2(A)(2)(d) preceding and 6.8.6(1)(f) following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.6 Change of Feature Group or BSA Type (Cont'd)

(1) (Cont'd)

(f) Subject to the availability of appropriate Telephone Company central office switching equipment and facilities, customers may upgrade from Trunkside BSA - 950 Option or FGB trunks with MF signaling to Trunkside BSA-101XXXX Option or FGD trunks with SS7 signaling or 64CCC will not be subject to charge as long as the customer requests SS7 signaling or 64CCC on their new order for Trunkside BSA-101XXXX Option or FGD trunks. Out of band signaling connections provided under Common Channel Signaling Access Service must be established as specified in section 6.4.3(A) preceding. The number of Trunkside BSA-101XXXX Option or FGD trunks with SS7 signaling or 64CCC cannot exceed the number of Trunkside BSA - 950 Option or FGB trunks with MF signaling that are disconnected, i.e., a one-for-one substitution of Trunkside BSA-101XXXX Option or FGD trunks with SS7 signaling or 64CCC for Trunkside BSA - 950 Option or FGB trunks with MF signaling.

The Telephone Company reserves the right to determine if Trunkside BSA - 950 Option and FGB may be upgraded to Trunkside BSA-101XXXX Option and FGD and converted to out of band signaling at the same time. If necessary, the Telephone Company will treat such requests as two separate projects and charges will be waived as specified above and in Section 6.1.2(A)(7)(e)(5) preceding. (T)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.6 Change of Feature Group or BSA Type (Cont'd)

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(D)

For changes from one type of Feature Group to another type of Feature Group, or from one type of BSA to another type of BSA, new minimum period obligations will also be established. (T)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.6 Change of Feature Group or BSA Type (Cont'd)

6.8.6.1 Conversion of Existing Feature Groups to Basic Service Arrangements

Nonrecurring charges will not apply to the conversion of existing Feature Groups to their unbundled BSA equivalents.

When a customer converts an existing Feature Group to its unbundled BSA equivalent, minimum period obligations will not change, i.e., the time elapsed in the existing minimum period obligations will be credited to the minimum period obligations for the BSA. For changes from a BSA to a Feature Group during the transition period as noted above, new minimum period obligations will be established.

When the initial order for Trunkside BSA - 950 Option, in a LATA, is received by the Telephone Company, that order will cause conversion of existing FGB services, in that LATA, to the Trunkside BSA - 950 Option rate structure for the CIC associated with that order.

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When the initial order for Trunkside BSA-101XXXX Option, in a LATA, is received by the Telephone Company, that order will cause conversion of existing FGD services, in that LATA, to the Trunkside BSA-101XXXX Option rate structure for the CIC associated with that order.

Orders for Lineside BSA will not cause conversion of FGA services within the LATA where the Lineside BSA is ordered. However, Lineside BSA and FGA services cannot be combined in the same Hunting Service Arrangement.



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.6 Change of Feature Group or BSA Type (Cont'd)

6.8.6.1 Conversion of Existing Feature Groups to Basic Service Arrangements (Cont'd)

All orders or customer requests to convert existing Feature Group services to their ONA equivalents must be received by the Telephone Company by May 1, 1993. If a customer does not submit an order causing conversion of existing Feature Group services, or request that the Telephone Company convert existing Feature Group services to their ONA equivalents by May 1, 1993, then those Feature Group services which have not been converted will be converted to their ONA equivalents on July 1, 1993. Any optional feature provisioned with a Feature Group service which has a corresponding BSE will be charged the BSE rate, and any option which does not have a corresponding BSE will remain as an optional feature.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.7 Moves

A move involves a change in the physical location of the customer premises which also involves a connection to a different rate demarcation point.

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(A) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the first nonrecurring (i.e., installation) charge for the service termination affected. There will be no change in the minimum period requirements.

(B) Moves to a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new service. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

6.8.8 Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded) by the Telephone Company at end office switches or access tandem switches. (D)
Originating and terminating calls will be measured (i.e., recorded) by the Telephone Company to determine the basis for computing chargeable access minutes. (D)
For terminating calls over Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option FGA, FGB, and FGD, and for originating calls over Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGA, FGB and FGD, the measured access minutes are the chargeable access minutes. (D)
For originating calls over FX/ONAL Lineside BSA, and FGA, chargeable originating access minutes are derived from recorded minutes in the following manner. (D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.8 Measuring Access Minutes (Cont'd)

Step 1: Obtain recorded originating minutes and messages (measured as set forth in (A) and (C) following for FX/ONAL Lineside BSA, and FGA respectively) from the appropriate recording data. (D)

Step 2: Obtain the total attempts by dividing the originating measured messages by the completion ratio. Completion ratios (CR) are obtained separately for the major call categories such as DDD, operator, Toll Free Data Base Access Service, 900 Access Service, directory assistance and international from a sample study which analyzes the ultimate completion status of the total attempts which receive acknowledgment from the customer. That is, Measured Messages divided by Completion Ratio equals Total Attempts.

Step 3: Obtain the total non-conversation time additive (NCTA) by multiplying the total attempts (obtained in Step 2) by the NCTA per attempt ratio. The NCTA per attempt ratio is obtained from the sample study identified in Step 2 by measuring the non-conversation time associated with both completed and incompleted attempts. The total NCTA is the time on a completed attempt from customer acknowledgment of receipt of call to called party answer (set up and ringing) plus the time on an incompleted attempt from customer acknowledgment of call until the access tandem or end office receives a disconnect signal (ring - no answer, busy or network blockage). That is, Total Attempts times Non-Conversation Time per Attempt Ratio equals Total NCTA.

Step 4: Obtain total chargeable originating access minutes by adding the total NCTA (obtained in Step 3) to the recorded originating measured minutes (obtained in Step 1). That is, Measured Minutes plus NCTA equals Chargeable Originating Access Minutes.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.8 Measuring Access Minutes (Cont'd)

Following is an example which illustrates how the chargeable originating access minutes are derived from the measured originating minutes using this formula.

Where: Measured Minutes (M. Min.) = 7,000
Measured Messages (M. Mes.) = 1,000
Completion Ratio (CR) = .75
NCTA per Attempt = .4

(1) Total Attempts = $\frac{1{,}000\text{(M. Mes.)}}{.75\text{ (CR)}}$ = 1,333.33

(2) Total NCTA = .4 (NCTA per Attempt) x 1,333.33 = 533.33

(3) Total Chargeable Originating Access Minutes = 7,000(M.Min.) + 533.33(NCTA) = 7,533.33

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.8 Measuring Access Minutes (Cont'd)

Lineside BSA and FGA access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each line or hunt group, and are then grounded up to the nearest access minute for each line or hunt group. Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGB, and FGD access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each end office, and are then rounded up to the nearest access minute for each end office. (D) (D) (D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.8 Measuring Access Minutes (Cont'd)

(1) All Lineside BSA and FGA Services

| | |
|---|---|
| Originating and Terminating | 3,386 |
| Originating | 1,094 |
| Terminating | 2,292 |



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.8 Measuring Access Minutes (Cont'd)

(A) Lineside BSA and Feature Group A Usage Measurement

For originating calls over Lineside BSA and FGA, usage measurement begins when the originating Lineside BSA or FGA entry switch receives an off-hook supervisory signal forwarded from the customer's point of termination. (Where Lineside BSA and FGA is used for MTS/WATS-type services, this off-hook signal is generally provided by the customer's equipment. Where Lineside BSA and FGA is used for FX/ONAL services, the off-hook signal is generally forwarded by the customer's equipment when the called party answers.)

The measurement of originating call usage over Lineside BSA and FGA ends when the originating Lineside BSA or FGA entry switch receives an on-hook supervisory signal from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over Lineside BSA and FGA, usage measurement begins when the terminating Lineside BSA or FGA entry switch receives an off-hook supervisory signal from the terminating end user's end office, indicating the terminating end user has answered. The measurement of terminating call usage over Lineside BSA and FGA ends when the terminating Lineside BSA or FGA entry switch receives an on-hook supervisory signal from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.8 Measuring Access Minutes (Cont'd)

(B) Trunkside BSA - 950 Option and Feature Group B Usage Measurement

For originating calls over Trunkside BSA - 950 Option and FGB, usage measurement begins when the originating Trunkside BSA - 950 Option or FGB entry switch receives answer supervision forwarded from the customer's point of termination, indicating the customer's equipment has answered.

The measurement of originating call usage over Trunkside BSA - 950 Option and FGB ends when the originating Trunkside BSA - 950 Option or FGB entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over Trunkside BSA - 950 Option and FGB, usage measurement begins when the terminating Trunkside BSA - 950 Option or FGB entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over Trunkside BSA - 950 Option and FGB ends when the terminating Trunkside BSA - 950 Option or FGB entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

(C) Reserved for Future Use (C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.8 Measuring Access Minutes (Cont'd)

(D)

(D)



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6. Switched Access Service (Cont'd)
6.8 Rate Regulations (Cont'd)

6.8.8 Measuring Access Minutes (Cont'd)

(D) Trunkside BSA-101XXXX Option and Feature Group D Usage Measurement

For originating calls over Trunkside BSA-101XXXX Option and FGD with multifrequency address signaling, usage measurement begins when the originating Trunkside BSA-101XXXX Option or FGD entry switch receives the first wink supervisory signal forwarded from the customer's point of termination. For originating calls over Trunkside BSA-101XXXX Option and FGD with out of band signaling, usage measurement begins when the last point of switching sends the initial address message to the customer.

The measurement of originating call usage over Trunkside BSA-101XXXX Option and FGD ends when the originating Trunkside BSA-101XXXX Option or FGD entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over Trunkside BSA-101XXXX Option and FGD to services other than Toll Free Data Base Access Service, 900 Access Service or Directory Assistance, total terminating Trunkside BSA-101XXXX Option and FGD usage is directly measured. Jurisdictional assignment for Trunkside BSA-101XXXX Option and FGD is imputed for calls except for 900 Access Service and Directory Assistance Services. When assignment is imputed, the Telephone Company will provide to the Interexchange Carriers the factors used.

For terminating calls over Trunkside BSA-101XXXX Option and FGD, the measurement of access minutes begins when the terminating Trunkside BSA-101XXXX Option or FGD entry switch receives answer supervision from the terminating end user's end office indicating the terminating end user has answered.

The measurement of terminating call usage over Trunkside BSA-101XXXX Option and FGD ends when the terminating Trunkside BSA-101XXXX Option or FGD entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.8 Measuring Access Minutes (Cont'd)

(E) 500 Access Service and Toll Free Data Base Access Service Usage Measurement

Usage measurement from equal access end offices without the customer identification function begins when the originating end office switch receives off-hook supervision forwarded from the customer's point of termination, indicating the transmitted digits have been received.

Usage measurement from equal access end offices with the customer identification function begins when the originating end office switch receives the first wink supervisory signal forwarded from the customer's point of termination.

In all cases, usage measurement ends when the originating end office receives on-hook disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the end office.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.9 Reserved

6.8.10 Application of Rates for Extension Service

Lineside BSA and Feature Group A Switched Access Service is available with extensions, i.e., additional terminations of the service at different building(s) in the same or a different LATA. Lineside BSA and Feature Group A extensions in the same LATA and same state are charged for under the Telephone Company's local general services tariffs.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.10 Application of Rates for Extension Service (Cont'd)

Lineside BSA and Feature Group A extensions in different LATAs or in a different state in the same LATA are provided and charged for as Special Access Service. The rate elements which apply are: A Voice Grade Channel Termination, Channel Mileage, if applicable, and Signaling Capability, if applicable. All appropriate monthly rates and nonrecurring charges for interstate Voice Grade Special Access Service (C)
provided by the Telephone Company will apply. Such (C)
extensions are ordered as set forth in 5.2 preceding.

6.8.11 Message Unit Credit

Calls from end users to the seven digit local telephone numbers associated with Lineside BSA and Feature Group A Switched Access Service are subject to Telephone Company general services tariffs charges (including message unit and toll charges as applicable). The monthly bills rendered to customers for their Lineside BSA and Feature Group A Switched Access Service will include a credit as defined in 2.6 preceding to reflect any message unit charges collected from their end users under the Telephone Company's local general services tariffs. The credit will apply for recorded originating usage for the Lineside BSA and FGA service provided. No credit will apply for any terminating Lineside BSA and FGA access minutes. The Message Unit Credit for originating Lineside BSA and FGA access minutes is as set forth in 6.9.5 following.

6.8.12 Local Information Delivery Services

Calls over Switched Access in the terminating direction to certain community information services will be rated under the applicable rates for Switched Access Service as set forth in 6.9 following. In addition, the charges per call as specified under the Telephone Company's local general services tariffs, e.g., 976 Network Services, will also apply.



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.13 Mileage Measurement

The mileage to be used to determine the monthly rate for the Switched Transport is calculated on the airline distance between the end office switch where the call carried by Switched Transport originates or terminates and the customer's serving wire center or between the end office and the tandem except as set forth in (A) through (I) following. The mileage to be used to determine the monthly rate for the Dedicated Network Access Link (DNAL) Channel Mileage is calculated on the airline distance between the Telephone Company switch or central office where the corresponding BSE (e.g., Message Services Interface and Make Busy Arrangements) capability exists and the serving wire center associated with the customer's designated premises. The V&H coordinates method is used to determine mileage. This method is set forth in National Exchange Carrier Association Tariff F.C.C. NO. 4, for Wire Center and Interconnection Information Tariff (V & H Coordinates).

To determine the rate to be billed compute the mileage using the V&H coordinates method as stated above. If the calculation results in a fraction of a mile, always round up to the next whole mile.

DNAL mileage is shown in 6.9.1 following in terms of a per mile structure. To determine the rate to be billed, first determine the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association Tariff F.C.C. No. 4, and apply the rates. When the calculation results in a fraction of a mile, always round up to the next whole mile before applying the rates.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.13 Mileage Measurement (Cont'd)

Exceptions to the mileage measurement rules are as follows:

(A) Mileage for access minutes in the originating direction over Lineside BSA and Feature Group A Switched Access Service will be calculated on an airline basis, using the V&H coordinates method, between the end office switch where the Lineside BSA and Feature Group A switching dial tone is provided and the customer's serving wire center for the Switched Access Service provided. When providing the Lineside BSA and Feature Group A FX/ONAL dial tone portion of a service that connects to jointly provided Special Access Service in a Corridor, the access minutes will be calculated in the zero mile band.

(B) Reserved for Future Use (C) (D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.13 Mileage Measurement (Cont'd)

(C) When the Alternate Traffic Routing optional feature/BSE is provided with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and Feature Groups B or D, the Switched Transport access minutes will be apportioned between the two trunk groups used to provide this feature. Such apportionment will be based on a ratio derived from the customer's access order. The ratio for each trunk group, or percentage of total traffic to be attributed to each trunk group, will be determined by dividing the service capacity for each trunk group by the sum of capacity for both trunk groups. The resulting percentage for each trunk group will be multiplied times the total traffic to apportion usage to the individual trunk group. This apportionment will serve as the basis for Switched Transport mileage calculation. (D) (D)

For Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and Feature Group B or D traffic routed directly to an end office, traffic is designated to a specific trunk group based on the actual measured data which is recorded. (D) (D)

(D) Reserved for Future Use (C) (D) (D)

(E) Switched transport mileage for 500 Access Service, Toll Free Data Base Access Service, and 900 Access Service is based on the airline distance between the end office switch where the 500 Access Service, Toll Free Data Base Access Service, and 900 Access Services traffic originates and the customers serving wire center. For 500 Access service, switched transport mileage is based on the airline distance between the end office, hubbing office or operator switch where the 500 call originates and the customers serving wire center.

(F) For Feature Group Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and A, B, or D access minutes originating from or terminating to a WATS Access Line Service, the Switched Transport is calculated based on the airline distance, using the V & H Coordinates method, between the customer's premises Trunkside BSA-101XXXX Option and Feature Group D serving wire center and the WATS serving office. (D) (D)



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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.13 Mileage Measurement (Cont'd)

(G) Mileage measurement for originating and terminating Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option and FGB and FGD switched access services ordered to, and for Lineside BSA and FGA calls terminated to, a remote switching module (RSM) is calculated on an airline basis using the V&H coordinates method, between the end office that serves as the Host/Remote switch for the RSS and the customer's serving wire center for the Switched Access Service provided. (D) (D)

(H) Mileage measurement for CCSAS will be calculated on an airline basis, using the V&H coordinates method, between the serving wire center of the customer's SPOI and the Telephone Company's STP.

(I) When the Switched Transport for Switched Access Service is provided by the Telephone Company and the end user connection is provided by a CEC or a RCC, mileage for access will be calculated on an airline basis, using the V & H Coordinate Method, between the customer's serving wire center and the serving wire center of the MTSO.

(J) For FGD and Trunkside BSA-101XXXX Option services used to carry calls originated from a TRS Center, mileage will be measured, on an airline basis, between the customer's serving wire center for the Switched Service provided and the TRS Center.

6.8.14 Facility Hubs

A customer has the option of ordering high capacity facilities (i.e., DS1 or DS3) to a facility Hub for distributing or channelizing to individual services requiring lower capacity facilities (e.g., Voice Grade or DS1).

When high capacity facilities are provided between a customer premises and a facility Hub, the facility will not be considered an end-to-end service until an associated channelized service is installed. The facility Hub will not be considered as a customer premises.

Different locations may be designated by the Telephone Company as Hubs for different facility capacities, e.g., multiplexing from DS3 to DS1 may occur at one location while multiplexing from DS1 to Voice Grade may occur at a different location. When ordering, the customer will specify the desired multiplexing Hub(s) selected from the National Exchange Carrier Association Tariff F.C.C. No. 4. This Tariff identifies the type(s) of multiplexing functions which are available and the serving wire centers at which they are available.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.14 Facility Hubs (Cont'd)

The types of multiplexing arrangements available include the following:

- from higher to lower bandwidth
- from high capacity to voice grade channels

End to end services may be provided on channels of these facilities to a Hub. The transmission performance for the end to end service provided between customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps facility is multiplexed to voice frequency channels, the transmission performance of the channelized services will be Voice Grade, not High Capacity.

The Telephone Company will commence billing the monthly rate for the facility to the Hub on the date specified by the customer on the service order. Additional individual services utilizing these facilities may be installed coincident with the installation of the facility to the Hub, or may be ordered and/or installed at a later date, at the option of the customer. The customer who orders the High Capacity Service must order all associated individual Access Channelized Services. The customer will be billed for a high capacity Entrance Facility, Direct Trunked Transport, Channel Mileage (when applicable), and the multiplexing arrangements at the time the facility is installed. Additional individual service rates (by service type) will apply for an Entrance Facility for additional Direct Trunked Transport (as required) for each subsequent channelized service. These will be billed to the customer as each individual service is installed.

In addition, Hubbing may be provided at an end office if all the circuits to be multiplexed are on an individual Direct Trunked facility are message and equipment is available.

6.8.15 Shared Use

Shared use occurs when Switched Access Service and Special Access Service are provided over the same analog, digital high capacity, or SONET service through a common interface. The regulations governing the provision of Shared Use Facilities are set forth in 7.4.8 following.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.16 Reserved

6.8.17 Shared Use High Capacity Services

Shared use occurs when Special Access service and Switched Access Service are provided over the same High Capacity service through a common interface. The facility will be ordered, provisioned and rated at Switched Access (i.e., Entrance Facility, Direct Trunked Transport, as appropriate and Multiplexing, as appropriate, between the customer designated facilities and the Telephone Company SWC or Hub. When the customer chooses to use a portion of the available capacity for providing Special Access Service, then as each circuit is activated for Special Access Service, the Switched Access High Capacity Entrance Facility, Direct Trunked Transport, and multiplexer rates will be adjusted accordingly (e.g., for a VG capacity Special Access 1/24th of a DS1 service, 1/672nd of a DS3 service, etc.). Special Access (D)
Service rates and charges will apply for each circuit of the (D)
shared use facility that is used to provide a Special Access Service when the original service is ordered as Switched Access.

(D)
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(D)

The nonrecurring charge that applies when the shared use facility is installed will be the nonrecurring charge associated with the appropriate Switched Access Services. Switched Access Service rates and charges as set forth in 6.9 following, will apply for each circuit of the Shared Use Facility that is used to provide a Switched Access Service when the base service is ordered as Switched Access. The spare channels will be assigned to either Switched Access or Special Access for rating purposes depending on how the customer ordered the service: i.e., Switched Access or Special Access respectively.

The customer must place an order for each individual Switched or Special Access Service using the Shared Use Facilities and specify the circuit assignment for each service.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.17 Shared Use High Capacity Services (Cont'd)

When Switched Access Service Direct Trunked Transport is provided using a circuit of the Shared Use Facility to a Hub, High Capacity rates and charges will apply for the facility from the customer designated premises to the Hub and individual service rates and charges will apply from the Hub to the Access Tandem or End Office. The rates and charges that will apply to the portion from the Hub to the Access Tandem of End Office will be dependent on the specific type of Switched Access Service that is provided (i.e., Voice Grade, or DS1). The rates and charges that will apply to the portion from the customer designated facilities to the Hub will be prorated based on the capacity of the Shared Use facility to the Hub. The applicable rates and charges will include Entrance Facility and Direct Trunked Transport rates and charges, if applicable, and multiplexing, if applicable. Rates and charges for optional features and functions associated with the service, if any, will apply for the appropriate circuit type.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.17 Shared Use High Capacity Services (Cont'd)

Should the customer displace the entire capacity of the Switched Transport Service with Special Access Service, the Switched Transport Service will, for billing purposes, be considered disconnected [Any future capacity due to a customer's disconnect of Switched Access Service will be considered Telephone Company inventory]. Should the customer subsequently order Switched Transport Service, this will be treated as a new order and full rates and charges for the Switched Access Service type ordered, as set forth in 6.9 following will apply.

6.8.18 Host/Remote

Direct Trunk Transport (DTT) may be ordered to a host switch. DTT rates will apply to the host switch. For service to a remote switch, tandem fixed and per mile/per MOU rates will apply between the host and remote switches. No tandem switching will apply.

Tandem transport may also be ordered to a host switch. The transport will be measured as tandem fixed and per mile/per MOU from the tandem to the host. Tandem switching will apply. For service to a remote switch, a tandem fixed and per mile/per MOU charge will also apply from the host to the remote subtending the host.

FGA terminating will be measured from the Dial Tone Office to the host and the tandem fixed and per mile/per MOU charge will apply. If the call is made to the remote, another tandem fixed and per mile/per MOU charge will apply from the host to the remote subtending the host. Tandem switching will not apply.

A nonrecurring Remote Translation charge as specified in Section 6.9.1 following will apply for those customer requests which require a unique routing arrangement. This charge will apply per Remote Trunk Group, per occurrence.

Requests for service at remote offices will be accepted where the necessary space and technical capabilities exist.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.19 Tandem Access Sectorization (TAS)

A. General

Tandem Access Sectorization is a service designed to meet the traffic routing requirements of customers whose traffic is routed through an access tandem. TAS is only available in connection with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, Feature Group B and Feature Group D services from the tandems as specified in Section 14.5. TAS is available to all customers. For customers with multiple POTs, TAS is a method of directing Trunkside BSA-101XXXX Option and Feature Group D traffic via an access tandem to a specific POT designated by the customer. Trunkside BSA - 950 Option and Feature Group B customers with TAS will be able to identify the geographical area from which calls originate. TAS permits customers with multiple POTs within a LATA to balance the call volume within their respective networks. TAS may not be used in conjunction with the Optional Feature Alternate Traffic Routing specified in Section 6.4.1.

B. Tandem Access Sectorization Area (TASA)

The tandem serving area will be subdivided into geographical areas called Tandem Access Sectorization Areas which will be defined by the Telephone Company. Each TASA must be treated as a unit and cannot be subdivided. The TASAs are standard for all customers who purchase TAS. A customer with multiple POTs within the LATA can designate to which POT all of the traffic from a specific TASA will be routed. The customer may also designate on which Trunk Group and to which particular POT all of the traffic from a given TASA will be routed. All of the tandem routed traffic from a TASA can only be delivered to one POT. TASAs are listed in Section 14.4.

C. End Offices

Calls originating from end offices within the TASA that are not routed over direct trunks to a customer POT can be routed via an access tandem over Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, and Feature Group B or D originating trunk groups. If a customer had a direct trunk group to the end office, both direct and tandem routed traffic from that end office could be sent to the same POT or to a different POT as designated by the customer.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.19 Tandem Access Sectorization (TAS) (Cont'd)

D. Access Tandems

Through the use of incoming trunk class screening in the access tandem, calls originating from a TASA can be identified with that TASA. In the case of a customer with one POT all tandem routed traffic from a TASA can be directed to a specific outgoing trunk group from the tandem to the POT as designated by the customer. A customer with multiple POTs can direct all originating calls from a TASA to a single POT. In addition, all originating traffic from a different TASA could be routed to the same POT or a different POT as designated by the customer. The access tandems may be found in Section 14.5.

6.8.20 Shared Network Arrangement

Each customer entering into a Shared Network Arrangement is solely responsible to the Telephone Company for charges associated with that customer's portion of the shared network. Disconnection of service by the host subscriber does not relieve another user of the network of any obligation to pay access charges associated with the portion of the shared network to which that user subscribes. Billing for services and facilities will continue until a disconnect request from the service user has been received by the Telephone Company. The host subscriber is solely responsible for notifying the connecting service user in the event of disconnection of the host service which affects that portion of the shared network service to which the user has subscribed.

For administrative purposes, one "Arrangement" under the Shared Network Arrangement offering shall be limited to the agreement between one Host Subscriber and one Service User permitting the Service User to connect a specified number of subtending circuits to one specified multiplexer on the Host's service. Agreements between one Host Subscriber and two (or three, etc.) Service Users shall be deemed to comprise two (or three, etc. respectively) separate "Arrangements." However, an agreement to expand the scope of an existing Arrangement by subsequently increasing the number of subtending facilities on the same multiplexed shall not constitute a new or separate "Arrangement".

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.20 Shared Network Arrangement (Cont'd)

A Shared Network Arrangement shall be established between a Host Subscriber and a Service User upon the completion of the service order for the first arrangement. No Shared Network Arrangement shall be deemed to be in effect until at least one subtending facility has been installed for the Service User. A Shared Network Arrangement shall be deemed cancelled when the last subtending facility has been disconnected.

A Processing charge will apply for handling each service order in a Shared Network Arrangement. The Processing Charge is contained in Section 6, and applies in addition to all other applicable rates and charges.

6.8.21 Switched Access Signalling Service (SASS)

A SASS rate element will apply on a per call basis. The per call charge will be assessed to the TSP for each call that is passed to the TSP's network. The SASS is a chargeable option available with Feature Group D service, and all associated Switched Access Feature Group D charges as specified in Section 6.8.1(C) preceding and Section 6.9.1 following will apply.

ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.8 Rate Regulations (Cont'd)
6.8.22 DS3 Service Arrangement Term Pricing Plan (TPP)#
(A) Payment Plans and Minimum Periods

Recurring charges for DS3 Services are rated and charged monthly for all commitment plans; Month-to-Month, 3 and 5-year# Term Pricing Plans (TPPs). TPPs are provided with Base Rates as described in Section (B) following and as set forth in Section 6.9.1.1 following.

The minimum service period for DS3 is 12 months.

Additionally, the optional feature, DS3 to DS1 Central Office Multiplexing, is also available on a 3 or 5-year# Term Pricing Plan. When ordered, a 3 or 5-year TPP for the DS3/DS1 multiplexing feature must have the same term period as the associated service, and it is always assigned an expiration date that is coterminous with the associated service.

At the end of a term plan, the customer will not be eligible to receive discounted monthly rates . Non-discounted Month-to-Month rates will apply unless a new TPP is ordered (T) | (T) (D)

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# Effective May 30, 2019, orders for new 5-Year DS3 Service Arrangement TPPs are no longer permitted. The Telephone Company will continue to provide 5-Year DS3 Service Arrangement TPPs pursuant to this Section 6.8.22 on any existing 5-Year DS3 Service Arrangement TPP that is in-service as of May 30, 2019, or any order for 5-Year DS3 Service Arrangement TPP that is placed with the Telephone Company prior to May 30, 2019 (collectively, Existing 5-Year DS3 TPPs), subject to the following conditions:

- The Telephone Company will continue to provide Existing 5-Year DS3 TPPs for the selected commitment period until (i) the customer discontinues service; or (ii) the current commitment period expires, whichever comes first.
- Renewal of an Existing 5-Year DS3 TPP is not permitted.
- Moves and changes are permitted provided that they do not require a new commitment period.

ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.8 Rate Regulations (Cont'd)
6.8.22 DS3 Service Arrangement Term Pricing Plan (TPP)# (Cont'd) (T)
(A) Payment Plans and Minimum Periods (Cont'd)

Should a customer terminate service prior to completing the minimum period or the plan term period, termination liability may be applicable. Termination liability is assessed on entrance facilities, direct trunked transport fixed and per mile, and multiplexing rate elements. A customer who downgrades a term plan to shorter duration, changes the system configuration (i.e., Optical to Electrical) or disconnects the service will be treated as having terminated the service.

If a customer establishes a Commitment Discount Plan (CDP) for at least one (1) service type listed in Section 25.1.1 following and subscribes to other services listed in Section 25.1.1 following at any time that a CDP is in effect, the customer may not establish or maintain a term plan for any services that are eligible for inclusion in CDP with the limited exception of IEF services as set forth in Section 25.1 following.

# Service availability limited. Refer to # footnote on Page 6-237. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.22 DS3 Service Arrangement Term Pricing Plan (TPP)# (Cont'd) (T)

(B) Base Rates

The rates charged under 3-Year and 5-year TPPs are based upon Base Rates as specified in Section 6.9 following. Such rates may change during the commitment period, but in no case will the Base Rate exceed the non-discounted monthly rate for the service. In order to calculate the rates the customer will pay, the following discount percentages are applied to the Base Rates Monthly Rate Per CT for 3-Year and 5-Year TPPs for DS3 Entrance Facility Channel Terminations, Direct Trunked Transport Channel Mileage, and DS3 to DS1 Multiplexing. Discount percentages are not applied to nonrecurring rates.

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|---|---|
| 3-Year | 10% |
| 5-Year# | 35% (T) |

(C) TPP Termination Without Liability

(1) A customer may terminate a 3-Year DS3 Term Pricing Plan during the life of the plan without penalty by entering the system configuration into a new 3-Year payment plan prior to the expiration of the plan. (T) (T) (T)

A customer may terminate the Term Pricing Plan during the life of the plan without termination liability if the service is upgraded (changed to a higher bandwidth/capacity service or to a higher speed service) through aggregation of existing services or service additions, and agrees to a new Term Pricing Plan of equal or greater length. Any additional circuits added to make up the upgrade would be subject to all applicable nonrecurring charges.

A customer who specifically requests a change of physical facilities or electronics in conjunction with an upgrade, will be treated as having terminated service and full nonrecurring charges will apply.

# Service availability limited. Refer to # footnote on Page 6-237. (N)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.22 DS3 Service Arrangement Term Pricing Plan (TPP)# (Cont'd)

(C) TPP Termination Without Liability (Cont'd)

(1) (Cont'd)

For TPPs established prior to December 17, 2019, in the event that the Telephone Company initiates a rate increase and the total discounted monthly rate for the affected service increases by eight percent (8%) or more, the customer may cancel its TPP for the affected service without termination liability. The customer must exercise its option to cancel the TPP for the affected service within thirty (30) days of the date of the effective rate increase. (C)

# Service availability limited. Refer to # footnote on Page 6-237.



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6. Switched Access Service (Cont'd)
6.8 Rate Regulations (Cont'd)
6.8.22 DS3 Service Arrangement Term Pricing Plan (TPP)# (Cont'd)
(C) TPP Termination Without Liability (Cont'd)

(2) Termination Liability will not apply when a customer meets the requirements for DS3 "portability." DS3 Portability is the replacement of a service under a TPP with another service. DS3 Portability requirements are as follows: (D)

(D)
(D)

- The replacement service must be of the same capacity or type, and must not already be in a Term Pricing Plan.
- The replacement service must be subscribed to a new Term Pricing Plan of equal or greater length to the disconnected plan or the longest term available. (N)
- The orders to accomplish the replacement are placed, in a manner designated by the Telephone Company to associate the orders for purposes of applying this section, on the same day with due dates within 90 days of each other. (C) (D)

(D)

- The replacement service is subject to any applicable nonrecurring charges.

If the customer cancels an Access Order which would have otherwise satisfied portability requirements for a discontinued TPP service, termination liability for the discontinued TPP service will apply. (N)

(D) TPP Termination With Liability - Early Termination Provision

For any DS3 term plan services that are terminated prior to the end of the minimum period, the customer will be liable for 100% of the total monthly charges for the unexpired portion. Total monthly charges are calculated based upon the rate band determined in the last count taken.

DS3 Term Pricing Plans are provided in conjunction with an Early Termination Provision (ETP) agreement.

(1) DS3 Term Pricing Plans established or renewed prior to January 1, 2021 (N)

ETP is calculated using either of the following options that provides the customer with the lowest termination liability.

# Service availability limited. Refer to # footnote on Page 6-237.

ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.8 Rate Regulations (Cont'd)
6.8.22 DS3 Service Arrangement Term Pricing Plan (TPP)# (Cont'd)
(D) TPP Termination With Liability (Cont'd)

(1) DS3 Term Pricing Plans established or renewed prior to January 1, 2021 (Cont'd) (N) (N)

Option I

In addition to the minimum period liability of 100%, the customer will be liable for 15% of the total monthly charges for the remaining portion of the term plan.

Option II

In addition to the minimum period liability of 100%, the following applies:

- Where there is neither a basic Month-to-Month rate nor a TPP period less than the actual time the service has been in effect, Option 1 applies.

- Where there is no TPP period less than the actual time the service has been in effect, the termination liability charge will be the difference between the full basic Month-to-Month rate and the selected TPP monthly rate for the period the plan has been in effect after the minimum period.

- Where there is a TPP period less than the actual time the service has been in effect, the termination liability charge will be the difference between the monthly rate for the highest TPP period that could have been satisfied prior to discontinuation of the service and the monthly rate for the selected commitment period multiplied by the actual number of months the plan has been in effect after the minimum period.

(2) DS3 Term Pricing Plans established or renewed on or after January 1, 2021 (N) |

Termination liability is calculated at fifty percent (50%) of the MRCs for the remainder of the TPP period after the Minimum Period. Termination liability applies in addition to any Minimum Period obligation which may be applicable as specified in Section 5.2.5 preceding. | (N)

# Service availability limited. Refer to # footnote on Page 6-237.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.23 DS1 Term Pricing Plans (TPP)# (T)

(A) Description

DS1 Term Pricing Plans are pricing options available to customers who subscribe to specific longer term commitment periods in exchange for reduced monthly rates. The minimum service period for month-to-month DS1 service is 2 months.

(1) DS1 Term Pricing Plans are available in 2, 3, 5#, and 7-year# commitment periods. (T) (T)

(2) Customers have the option of purchasing Entrance Facilities under one plan and Direct Trunked Transport under another plan, or under the month-to-month service plan. TPPs are available subject to the following:

- DS1 Term Pricing Plans are applicable to DS1 entrance facilities, direct trunked transport (Fixed and Per Mile), and associated DS1 Multiplexers (DS1 to Voice). The fixed and per mile rate elements and associated multiplexers for a given facility must be included in the same TPP; the entrance facilities and associated multiplexer must also be included in the same plan.

# Effective May 30, 2019, orders for new 5 and 7 Year DS1 TPPs are no longer permitted. The Telephone Company will continue to provide 5 and 7 Year DS1 TPPs pursuant to this Section 6.8.23 on any existing 5 or 7 Year DS1 TPP that is in-service as of May 30, 2019, or any order for 5 or 7 Year DS1 TPP that is placed with the Telephone Company prior to May 30, 2019 (collectively, Existing 5 and 7 Year DS1 TPPs), subject to the following conditions: (N)

- The Telephone Company will continue to provide Existing 5 and 7 Year DS1 TPPs for the selected commitment period until (i) the customer discontinues service; or (ii) the current commitment period expires, whichever comes first.
- Renewal of an Existing 5 and 7 Year DS1 TPP is not permitted.
- Moves and changes are permitted provided that they do not require a new commitment period. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.8 Rate Regulations (Cont'd)
6.8.23 DS1 Term Pricing Plans (TPP)# (Cont'd) (T)
(A) Term Pricing Plans (TPP) Description (Cont'd)

(3) Rates for Term Pricing Plans are detailed in Section 6.9.1. The nonrecurring rates for TPPs are the same as for month-to-month Service. Term Pricing Plans do not include optional features except for associated DS1 multiplexing in the DS1 TPPs. Other optional features are available at month-to-month Service rates.

Term Pricing Plans are not applicable to services in other rate plans.

(4) If a customer establishes a Commitment Discount Plan (CDP) for at least one (1) service type listed in Section 25.1.1 following and subscribes to other services listed in Section 25.1.1 following at any time that a CDP is in effect, the customer may not establish or maintain a term plan for any services that are eligible for inclusion in CDP with the limited exception of IEF services as set forth in Section 25.1 following.

(B) TPP Terms and Conditions

(1) When requesting a Term Pricing Plan, the customer must specify the length of the desired commitment period and the services which are to be included in the plan.

(2) When requesting any Term Pricing Plan activity regarding Entrance Facilities, the customer must specify by billing account and circuit identification number which circuits are to be affected.

(3) When ordering Term Pricing Plan services, related rate elements must be ordered under the same plan. For example, both entrance facilities and any DS1 associated multiplexing for a given facility must be in the same plan and have the same service date. Similarly, both rate elements for Direct Trunked Transport, fixed and per mile and any associated DS1 multiplexing, must be in the same plan and have the same service date.

(4) At the end of a TPP commitment period, the DS1 service(s) will be billed at the basic rate unless the customer subscribes to a new TPP.

(5) Termination liability is assessed on entrance facilities, direct trunked transport fixed and per mile, and multiplexing rate elements.

# Service availability limited. Refer to # footnote on Page 6-242. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.23 DS1 Term Pricing Plans (TPP)# (Cont'd) (T)

(B) TPP Terms and Conditions

(6) In the event that the Telephone Company initiates a rate increase and the total discounted monthly rate for the affected service increases by eight percent (8%) or more, the customer may cancel its TPP for the affected service without termination liability as set forth in (D) following. The customer must exercise its option to cancel the TPP for the affected service within thirty (30) days of the date of the effective rate increase. (D)

# Service availability limited. Refer to # footnote on Page 6-242. (N)



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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.23 DS1 Term Pricing Plans (TPP)# (Cont'd) (T)

(D)

(C) TPP Termination Liability

(1) A termination liability payment is applicable when a service is disconnected in full or in part prior to the end of the selected commitment period or where the customer fails to comply with the conditions required for a TPP, except as set forth in (D) following.

# Service availability limited. Refer to # footnote on Page 6-242. (N)



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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.23 DS1 Term Pricing Plans (TPP)# (Cont'd) (T)

(C) TPP Termination Liability (Cont'd)

(2) The termination liability payment applies to each entrance facility, direct trunked transport fixed and per mile, and multiplexing recurring rate element which is disconnected prior to the expiration of the commitment period of the Term Pricing Plan.

# Service availability limited. Refer to # footnote on Page 6-242. (N)



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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.23 DS1 Term Pricing Plans (TPP)# (Cont'd)

(C) TPP Termination Liability (Cont'd)

(3) For DS1 TPPs established or renewed prior to January 1, 2021, the termination liability charge is calculated as set forth in (a) or (b) following: when calculating termination liability charges, the Telephone Company will apply the option which provides the customer with the lowest termination liability charge. (C) (C)

(a) Option I

For services discontinued within the first year, the customer will be liable for 100% of the total monthly charges for the unexpired portion of the initial 12 months, and 15% of the total monthly charges for the remainder of the TPP commitment period.

# Service availability limited. Refer to # footnote on Page 6-242.



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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.23 DS1 Term Pricing Plans (TPP)# (Cont'd) (T)

(C) TPP Termination Liability (Cont'd)

(3) (Cont'd)

(a) Option I (Cont'd)

For services discontinued after the first 12 months of a plan, customers will be liable for 15% of the total monthly charges for the remaining portion of their Term Pricing Plan commitment period.

(b) Option II

For services discontinued within the first year and prior to the end of the selected commitment period, the termination liability charge will be the difference between the full month-to-month rates and the TPP monthly rates for the period the plan has been in effect.

For services discontinued after the first 12 months of a plan but prior to the end of the selected commitment period, the following applies:

- Where there is no TPP period less than the actual time the services have been in effect the termination liability charge will be the difference between the full month-to-month rates and the selected TPP monthly rates for the period the plan has been in effect.

- Where there is a TPP period less than the actual time the services have been in effect, the termination liability charge will be the difference between the monthly rates for the highest TPP period that could have been satisfied prior to discontinuation of the service and the monthly rates for the selected commitment period multiplied by the actual number of months the plan has been in effect.

# Service availability limited. Refer to # footnote on Page 6-242. (N)

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.23 DS1 Term Pricing Plans (TPP)# (Cont'd)

(C) TPP Termination Liability (Cont'd)

(3) (Cont'd)

(b) Option II (Cont'd)

For example, if a customer subscribes to a 5-year TPP and disconnects service during the thirty-seventh month, the longest TPP period that could have been satisfied is three years. The customer's termination liability would be calculated as follows: (3-year monthly TPP rate - 5-year monthly TPP X 37 months).

(4) DS1 Term Pricing Plans established or renewed on or after January 1, 2021 (N)

Termination liability is calculated at fifty percent (50%) of the MRCs for the remainder of the TPP period after the Minimum Period. Termination liability applies in addition to any Minimum Period obligation which may be applicable as specified in Section 5.2.5 preceding. (N)

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(D) TPP Termination Without Liability

(1) In the event that the Telephone Company initiates a rate increase and the total discounted monthly rate for the affected service increases by eight percent (8%) or more, the customer may cancel its TPP for the affected service without termination liability. The customer must exercise its option to cancel the TPP for the affected service within thirty (30) days of the date of the effective rate increase.

(2) A request to change to a longer commitment period will nullify the current termination liability. All terms and conditions associated with the new TPP will apply.

# Service availability limited. Refer to # footnote on Page 6-242.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.23 DS1 Term Pricing Plans (TPP)# (Cont'd) (T)

(D) TPP Termination Without Liability (Cont'd)

(3) Termination liability is not applicable if the customer requests to upgrade service to a higher capacity (e.g., DS1 to DS3) service and meets all of the following conditions:

- The new service is purchased under a long-term agreement equal to or greater than the commitment period of the service being disconnected.

# Service availability limited. Refer to # footnote on Page 6-242. (N)

6. Switched Access Service (Cont'd)
6.8 Rate Regulations (Cont'd)
6.8.23 DS1 Term Pricing Plans (TPP)# (Cont'd)
(D) TPP Termination Without Liability (Cont'd)
(3) (Cont'd)

- The orders for the disconnect of the existing TPP rate elements and the new connect are received by the Telephone Company at the same time, with due dates within 90 days of each other, and are related together by a Related Purchase Order Number (RPON).
- The total capacity of the service is greater than or equal to the capacity of the discontinued service(s).

(4) DS1 Termination liability will not apply when a customer meets the requirements for DS1 "portability". DS1 Portability is the replacement of a service under a TPP with another service. DS1 Portability requirements are as follows: (D)

- The replacement service must be of the same capacity or type, and must not already be in a Term Pricing Plan.
- The replacement service must be subscribed to a new Term Pricing Plan of equal or greater length to the disconnected plan or the longest term available. (N)
- The orders to accomplish the replacement are placed, in a manner designated by the Telephone Company to associate the orders for the purposes of applying this section, on the same day with due dates within 90 days of each other. (C) (C) (D) (D)
- The replacement service is subject to any applicable nonrecurring charges.

If the customer cancels an Access Order which would have otherwise satisfied portability requirements for a discontinued TPP service, termination liability for the discontinued TPP service will apply. (N)

(E) Additions to TPPs

Customers with existing Term Pricing Plans who wish to increase the number of their DS1 services have the following options:

- Subscribe to the additional services under the month-to-month payment plan.
- Subscribe to the additional services under a separate Term Pricing Plan.

# Service availability limited. Refer to # footnote on Page 6-242.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.23 DS1 Term Pricing Plans (TPP)# (Cont'd) (T)

(F) Shared Use

In some instances customers choose to mix switched and special access channels on the same DS1 or DS3 facility. When ordering a new switched access facility covered by a TPP or when converting an existing month-to-month switched facility to a TPP, any special access channels that are shared on that switched facility must be covered by a special access TPP of the same term length.

Similarly, when ordering a new special access facility covered by a TPP or when converting an existing month-to-month special facility to a TPP, any switched access channels that are shared on that special facility must be covered by a switched access TPP of the same term length.

For those shared use facilities already under a special access term plan, customers will have 90 days from the effective date of the switched access term plan to select one of the following options: 1) Convert all switched facilities to the same term and expiration date as the special access facilities they are sharing by sending a written request to the Telephone Company; 2) Convert individual switched facilities to the same term and expiration date as the special access facilities they are sharing by using the standard ASR ordering process; 3) Terminate the current special access term plan and establish a new term plan of any length for both the special and switched access services by using the standard ASR ordering process; no termination liabilities will be assessed for termination of the special access plan. If the customer does not select one of the above options by the end of the 90 day period then the month-to-month switched access rates will be maintained.

(G) Plan Availability

Term Pricing Plans are only available in the following Jurisdictions: Washington, D.C., Pennsylvania, Maryland, New Jersey, Delaware, and Virginia.

# Service availability limited. Refer to # footnote on Page 6-242. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.24 Reserved

6.8.25 IntelliLight Services

(A) General

The Telephone Company's IntelliLight Services are a family of optional Switched Access high capacity services provided using SONET-based technology. IntelliLight Services include the following Switched Access services:

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- IntelliLight Entrance Facilities (IEF), as set forth in (C)(5) following

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IntelliLight services are designed to meet customer requirements for reliable and survivable networks.

IntelliLight services are provided on SONET facilities. There are no provisions within the SONET standard for asynchronous DS1 to DS3 multiplexing.

Technical specifications are delineated in the following Technical References:

GR-253-CORE, Issue 4
"Synchronous Optical Network (SONET) Transport Systems: Common Generic Criteria"

GR-1374-CORE, Issue 1
"SONET Inter-Carrier Interface Physical Layer Generic Criteria for Carriers"

ANSI T1.105.01-2000 (R2005) "Synchronous Optical Network (SONET) - Basic Description including Multiplex Structure, Rates and Formats"

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(B) Definitions

Add/Drop Multiplexing (ADM): a multiplexing function that allows lower level signals to be added or dropped from an optical carrier channel.

Customer Access Ring (CAR): a survivable fiber ring that is constructed through at least two Central Offices/Wire Centers. CARs utilize unidirectional path-switched ring ADMs, typically operating at OC3 and OC12 rates.

Fiber Path Diversity: the provision of service using at least two fibers placed on physically separate paths, i.e., different conduit runs that do not pass through the same manhole(s). The cable paths are separated by at least 25 feet.

Node: A DSR rate element and a designation of either a customer location or Telephone Company wire center on a SONET ring that has ADM capability. It is also the address of where a channelized (lower speed) service originates or terminates on a ring. Generally, the ring capacity determines the type of node. (T)

Optical Carrier Rate (OC #): a SONET transmission signal/speed, line rate, or service. The rates are in multiples of an OC1, which is equivalent to an STS1 (51.84 Mbps), SONET's basic rate.

| OC Rate | Bandwidth Capacity |
|---|---|
| 3 | 155.52 Mbps |
| 12 | 622.08 Mbps |
| 48 | 2.488 Gbps |
| 192 | 9.952 Gbps |

Optical Carrier Rate Concatenated (OC#c): a "clear channel" SONET transmission using only one framing format. Generally, an OC3 signal provides three STS1 frame formats with 3 overheads for a total capacity of 2268 bytes per Synchronous Payload envelope (SPE) frame; in an OC3c signal, one STS3c frame format is used with one overhead, increasing the total payload capacity to 2340 bytes per SPE frame.



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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(B) Definitions (Cont'd)

OC12/3 (OC12 over 3): a node designation that denotes a ring line rate of OC12, but with port interface capability and capacity equal to OC3. An OC12 DSR could have one, some or all OC12/3 nodes.

OC12+3, OC48+3, OC192+3, OC192+12, and OC192+48: designations for nodes in ring-on-ring designs; the higher speed ADM is part of the true ring, and the lower speed ADM is connected for the purpose of mapping lower speed services onto the STS1s of the OC12, 48, or 192. Both nodes, the lower and higher speed node, of a ring-on-ring arrangement must be located in the same customer premises or wire center.

Port: a DSR rate element that denotes the interface at which a channelized or lower speed service terminates or originates at a DSR node.

SONET (Synchronous Optical NETwork): an international standard for the transmission of high capacity bandwidth over optical facilities. This synchronous transmission platform utilizes a modular multiplexing approach. Because of the large bandwidth, some of the payload is used to monitor, protect, manage and improve the transmission of the signal.

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Transmuxing: the function of a DSR DS3 Transmux port that performs a DS3 to DS1 conversion at a DSR Enhanced Node. The DS3 to DS1 conversion allows a single DSR DS3 Transmux port (which includes a DS3 Transmux Facility to which the DS1 circuits are mapped) to be a facility associated with up to twenty-eight (28) VT1.5 mapped DSR DS1 ports. Such DS3 Transmux Facility will be provisioned upon ordering the associated DS1 Transmux port. Transmuxing within the DSR network retains DS1 visibility allowing for full, proactive maintenance capability of the DS1 signals.

Virtual Tributary (VT): A SONET structure designed for transport of sub-STS1 payloads. A DS1 is mapped into the SONET format using a VT1.5 as a packaging mechanism that is internal to the SONET signal.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions

(1) Reserved (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(2) Reserved (C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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6. Switched Access Service (Cont'd)

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6. Switched Access Service (Cont'd)

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6. Switched Access Service (Cont'd)

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6. Switched Access Service (Cont'd)

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6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(3) Reserved (C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(4) Reserved for Future Use (C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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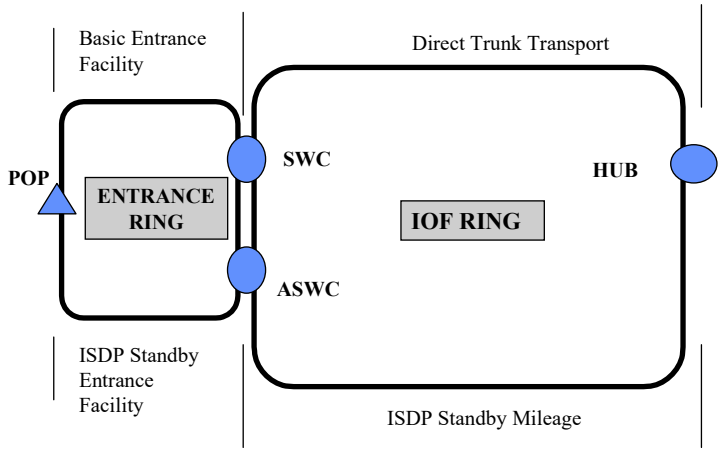
ACCESS SERVICE




SWC = Serving Wire Center
ASWC = Alternate Serving Wire Center

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

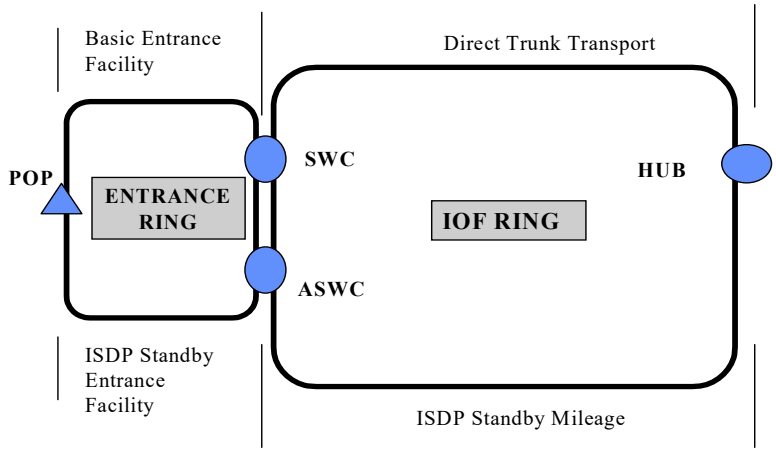
6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(4) IntelliLight Shared Dual Path (Cont'd)

(b) Rates and Charges

The rates for IntelliLight Shared Dual Path as specified in 6.9.1.6 apply per point of termination and are in addition to the Entrance Facility and Direct Trunk Transport rates and charges for the underlying High Capacity service(s). In addition to the ISDP Standby Entrance Facility and Standby Mileage recurring charges, one-time nonrecurring charges also apply for each Entrance Facility. See below:




SWC = Serving Wire Center

ASWC = Alternate Serving Wire Center



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (D)

IntelliLight Entrance Facilities, IEF, provides customers with high capacity access between their premises and their Serving Wire Center over a self-healing SONET ring. The SONET ring will pass through the customer's serving wire center and one other wire center as determined by the Telephone Company. The customer is assured a continuity of communication between the customer premises and the Serving Wire Center (SWC) even if there is a fiber facility failure between the premises and the SWC.

(a) Definitions

Add/Drop Multiplexing, (ADM): a multiplexing function that allows lower level signals to be added or dropped from an optical carrier channel.

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd) (D)

(a) Definitions (Cont'd)

(D)

IntelliLight Entrance Facilities, (IEF): an alternative service that enhances channel termination survivability.

Synchronous Optical NETwork, (SONET): an international standard for the transmission of high capacity bandwidth over optical facilities.

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd) (D)

(a) Definitions (Cont'd)

Synchronous Transport Signal Level (STS): a 51.84 Mbps signal that is the electrical equivalent of the OC1 or a DS3 with additional Mbps devoted to SONET overhead information. An STS1 can carry a DS3 or 28 DS1s when specifically formatted (Mapped). However, DS1s within a DS3 are not accessible within SONET and their performance cannot be guaranteed for this reason. These DS1s may be accessed off-ring using the DS3 to DS1 multiplexing, a High Capacity optional service. Multiple STS1s, i.e. STS3 and STS12, equal 155.52 and 662.08 Mbps respectively.

Virtual Tributary, (VT): A SONET structure designed for transport of Sub-STS1 payloads. A DS1 is mapped into the SONET format using a VT1.5 as a packaging mechanism that is internal to the SONET signal.

(b) Service Description

IEF is provisioned over a Telephone Company self-healing SONET ring that passes through Telephone Company wire centers and the customer's location. One of the wire centers must be the customer's SWC; the other wire center(s) is chosen by the Telephone Company.

IEF service consists of an IntelliLight Entrance Facility and an Interface when applicable. Technical Specifications for IEF service are the same as for IntelliLight Service; see Section 6.8.25(A).

The IEF Termination is a rate category that provides STS1 bandwidth between the customer's designated premises and the SWC of that premises. It can also be provided in multiples of STS1, i.e. STS3 or STS12.

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd) (D)

(b) Service Description (Cont'd)

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(D)

The electrical IEF Interface defines the type of Switched Access service that is to be provided. Two electrical interface types are available: DS3 (44.736 Mbps) and STS1 (51.84 Mbps). If the customer orders a DS3 or STS1 Interface, there will be one Interface per Termination.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd) (D)

(b) Service Description (Cont'd)

Each IEF Termination can be connected to other Switched Access entrance facilities via the Telephone Company's interoffice facilities (IOF). The IOF transport for IEF Terminations are DS3s.

Interoffice mileage, when applicable, will apply at channel mileage rates for the appropriate High Capacity service being transported over the IOF. An IEF Termination with an IEF DS3 Interface is transported in the IOF as DS3 service, and is billed at DS3 channel mileage rates. (D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

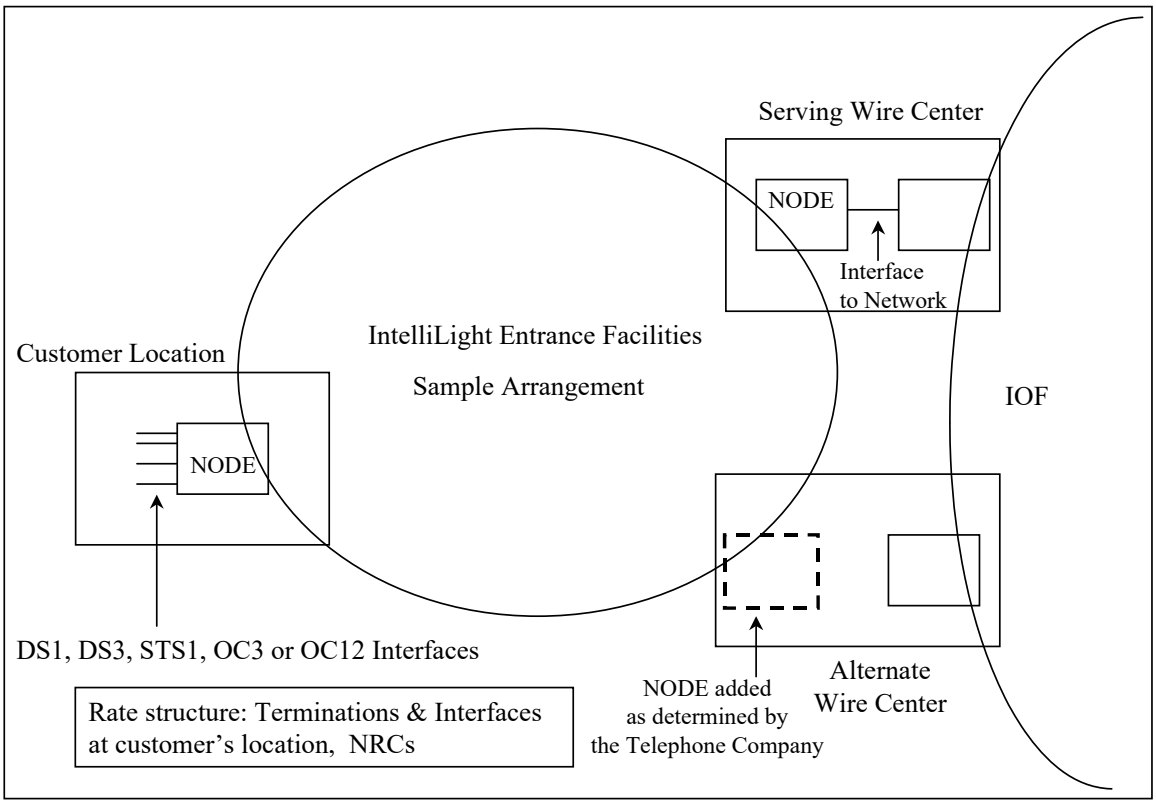
6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd) (D)

(b) Service Description (Cont'd)

An IEF service is shown below:




(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd) (D)

(c) Optional Features and Functions

Survivability from the IEF SWC to other network service locations can be obtained through the purchase of service options. An option which enhances survivability through diversity is Alternate Serving Wire Center, ASWC; see High Capacity Service Optional Features and Functions, Section 6.1.2(A)(8).

DS1s multiplexed into a DS3 occurs outside the SONET network, and requires DS3 to DS1 multiplexing at the wire center; see Optional Features in Section 6.1.2(A)(8) preceding.

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.8 Rate Regulations (Cont'd)
6.8.25 IntelliLight Services (Cont'd)
(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd)

(d) Terms and Conditions

IEF is available for 3-year and 5-year# commitment periods. (T)

Once the term period expires, the rate of the expiring selected rate plan will continue until the customer cancels service or requests a new rate plan.

At the option of the customer, IEF service may be included under a Commitment Discount Plan as specified in Section 25.1 following.

If a customer establishes a Commitment Discount Plan (CDP) for at least one (1) service type listed in Section 25.1.1 following and subscribes to other services listed in Section 25.1.1 following at any time that a CDP is in effect, the customer may not establish or maintain a term plan for any services that are eligible for inclusion in CDP with the limited exception of IEF services as set forth in Section 25.1 following.

The customer may add additional IEF Interfaces and Terminations to an existing IEF service plan. However, in order to add additional Interfaces and Terminations to an existing IEF Service plan, there must be at least 1 year remaining in the term of the commitment plan. IEF plans with less than 1 year remaining in the commitment period will not be eligible for additional Interfaces or Terminations. Where additional Interfaces or Terminations are added subject to the criteria specified preceding, they must remain in service to the end of the commitment period of the IEF service plan to which they are added or termination liability will apply.

Customers who order an STS1 Interface must specify how the signal is mapped, VT1.5 or DS3-mapped (see definitions for Virtual Tributary and SONET).

# Effective December 1, 2020, subscriptions to new IEF 5-Year commitment periods are no longer permitted. Subject to Section 1.1 preceding, the Telephone Company will continue to provide IEF 5-Year commitment periods pursuant to this Section 6.8.25(C)(5) on any existing IEF 5-Year commitment period that was in-service as of December 1, 2020, or any order for IEF 5-year commitment period that was placed with the Telephone Company prior to December 1, 2020 (collectively, Existing 5-Year IEF commitment period), subject to the following conditions: (N)

- The Telephone Company will continue to provide Existing 5-Year IEF commitment period for the selected commitment period until (i) the customer discontinues service; or (ii) the current commitment period expires, whichever comes first.
- Renewal of an Existing 5-Year IEF commitment period is not permitted. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd) (D)

(d) Terms and Conditions (Cont'd)

(D)
|
|
(D)

Asynchronous multiplexing of DS1s into a DS3 occurs outside the SONET network and requires DS3 to DS1 Multiplexing at a Telephone Company Hub at the existing tariff rates.

Synchronous mapping of DS1s as VT1.5s occurs inside the SONET network and requires STS1 to DS1 Multiplexing at the tariffed rates.

Service is available based on negotiated intervals, as described in 5.2.1(B) preceding.

If the customer premises (i.e., interexchange carrier Point of Presence, or end user location) is located in the same building as one of the connecting wire centers, the diversity between the wire center and the customer premises may be limited by the physical paths available to connect the wire center and the premises.

The customer will be billed additional charges for any charges levied the Telephone Company for space and power requirements at the customer’s premises to place ADMs on the Company's side of the network Interface.

IEF service may be used in conjunction with Switched Access High Capacity service option of Alternate Serving Wire Center, ASWC, or detariffed IntelliLight Shared Dual Path, ISDP. (T)

IEF service may also be connected to the following Telephone Company provided services, provided that such connections are technically and operationally feasible, as determined by the Telephone Company:

- point-to-point SONET service
- Ethernet private line service
- dedicated SONET ring service

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd)

(e) Termination Liability

IEF service may be canceled without termination liability when cancellation of the IEF service occurs within thirty (30) days of the date of a Telephone Company initiated rate increase of eight percent (8%) or more on the customer's recurring rates (i.e., if the customer's combined charge for the IEF Termination and its associated Interface(s) should increase).

(D)
(D)

Termination liability will not apply if the customer meets the requirements for portability. Portability is the replacement of an IEF Termination with another for the balance of the commitment period. Portability requirements are as follows:

- The replacement Termination must not already be in a term plan.
- The orders to accomplish the replacement are placed with the Telephone Company at the same time with the due dates within 90 days of each other, and are related by a related purchase order number.
- The aggregate interface bandwidth associated with the Termination replacement are equal to or greater than the disconnected service.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd) (D)

(e) Termination Liability (Cont'd)

- The service may be moved to another location in the Telephone Company region, provided the service was maintained in the initial location for one year.

- The replacement service is subject to applicable nonrecurring charges.

Other than these above exceptions, a customer must fulfill his term plan for the entire capacity, or be subject to termination liability for that portion of capacity that was not in place the entire term. In addition to the one year minimum period on services subsequently added, termination liability is calculated as follows:

If a customer disconnects service during the first year, termination liability will be calculated at 100% of the monthly charges for the unexpired portion of the first year, and at 15% of the remainder of the term. If the disconnection takes place after the first year, termination liability is calculated at 15% of the monthly charges for the remainder of the term.

(f) Conversions

Customers who wish to convert existing High Capacity Switched Access facilities to IEF may do so without termination liability as long as the total capacity of Switched Access service at their premises does not decrease. A new contract period is begun with the conversion; no credit is given for time-in-service on the new term plan. Applicable nonrecurring charges for new installations, rearrangements, or moves will apply.

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd) (D)

(g) Deployment

Service is provided where SONET facilities and bandwidth are available that can provide the requested interface. (D)

(h) Rate Regulations

(1) Monthly rates, as set forth in Section 6.9.1.2(A) following, apply to IEF Terminations. The monthly rates are differentiated by the term plan and IEF Interface selected by the customer. Nonrecurring charges, as set forth in Section 6.9.1.2(C) following, apply to initial and subsequent installations of IEF Terminations.

(2) Additionally, the monthly rates for IEF Terminations apply on a tapered schedule as set forth in Section 6.9.1.2(A) following. The monthly rate to be billed for each IEF Termination is based on the total number of IEF Terminations that are in-service on the bill date of each month, and applies on a per customer designated premises and per Billing Account Number (BAN) basis. To determine the total number of IEF Terminations for the bill period, the Telephone Company will count (i) all IEF Terminations; and (ii) all Telephone Company provided SONET entrance facilities that are provided in connection with a Telephone Company provided point-to-point SONET service or ethernet private line service that terminate at such customer designated premises, inclusive of all such IEF Terminations and SONET entrance facilities that are in service and billed under the same BAN.

(3) For example, a customer purchases five (5) IEFs that are in-service at three (3) different customer designated premises, with the 5 IEFs being billed under two (2) different BANs.

(a) The first customer designated premises has two (2) IEFs, one with fifteen (15) in-service STS1 IEF Terminations and the other with five (5) in-service STS1 IEF Terminations for a total of twenty (20) STS1 IEF Terminations. Both IEFs are billed under the same BAN. The monthly rate to be billed for each IEF Termination in the 2 IEFs at the first customer designated premises is the monthly rate shown for 20 STS1 IEF Terminations. Monthly rates for STS1 IEF Terminations are set forth in Section 6.9.1.2(A) following and apply in accordance with Section 14.7 following.

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

6.8.25 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(5) IntelliLight Entrance Facilities (IEF) (Cont'd) (D)

(h) Rate Regulations (Cont'd)

(3) (Cont'd)

(b) The second customer designated premises has two (2) IEFs, one with twenty (20) in-service STS1 IEF Terminations and the other with twenty-two (22) in-service STS1 IEF Terminations, for a total of forty-two (42) STS1 IEF Terminations. Each IEF at the second customer designated premises is billed under a separate BAN. The monthly rate to be billed for the IEF with 20 STS1 Terminations is the monthly rate shown for 20 STS1 IEF Terminations. The monthly rate to be billed for the IEF with 22 STS1 Terminations is the monthly rate shown for 22 STS1 IEF Terminations. Monthly rates for STS1 IEF Terminations are set forth in Section 6.9.1.2(A) following and apply in accordance with Section 14.7 following.

(c) The third customer designated premises has one (1) IEF with nine (9) in-service STS1 IEF Terminations billed under the same BAN. The monthly rate to be billed for each such IEF Termination is the monthly rate shown for 9 STS1 IEF Terminations. Monthly rates for STS1 IEF Terminations are set forth in Section 6.9.1.2(A) following and apply in accordance with Section 14.7 following.

(4) Monthly rates for electrical IEF Interfaces are set forth in Section 6.9.1.2(B) following and apply in accordance with Section 14.7 following. When a customer orders an IEF with an STS1 IEF Termination and an electrical interface, both the monthly rate for the electrical IEF Interface (as set forth in Section 6.9.1.2(B) following) and the monthly rate for the STS1 Termination (as set forth in Section 6.9.1.2(A) following) apply. The monthly rates are differentiated by the term plan selected by the customer. Nonrecurring charges as set forth in Section 6.9.1.2(C) following apply to each electrical IEF Interface installed.

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd) (D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

(D)

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Provision and Description of Switched Access Service (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.8 Rate Regulations (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges

6.9.1 Switched Transport

(A) Entrance Facilities

| | USOC | Monthly Rates | Nonrecurring Charges First | Nonrecurring Charges Additional | |
|---|---|---|---|---|---|
| (1) Voice Grade | | | | | |
| - Per Point of Termination | | | | | |
| Two-wire | | | | | |
| Rate Zone 1 | EFG2X (T) | $14.00 | | | (R) |
| Rate Zone 2 | EFG2X (T) | 14.00 | | | \| |
| Rate Zone 3 | EFG2X (T) | 14.00 | | | (R) |
| Price Band 4 | EFG2X (T) | 28.70 | | | |
| Price Band 5 | EFG2X (T) | 28.70 | | | |
| Price Band 6 | EFG2X (T) | 28.70 | | | |
| Four-wire | | | | | |
| Rate Zone 1 | EFG4X (T) | 26.02 | | | (R) |
| Rate Zone 2 | EFG4X (T) | 26.02 | | | \| |
| Rate Zone 3 | EFG4X (T) | 26.02 | | | (R) |
| Price Band 4 | EFG4X (T) | 53.00 | | | |
| Price Band 5 | EFG4X (T) | 53.00 | | | |
| Price Band 6 | EFG4X (T) | 53.00 | | | |
| - Per Point of Termination | | | | | |
| Two-wire | | | | | |
| Installation/Change | | | | | |
| Rate Zone 1 | EFG2X (T) | | $1.00 | $1.00 | |
| Rate Zone 2 | EFG2X (T) | | 1.00 | 1.00 | |
| Rate Zone 3 | EFG2X (T) | | 1.00 | 1.00 | |
| Price Band 4 | EFG2X (T) | | 1.00 | 1.00 | |
| Price Band 5 | EFG2X (T) | | 1.00 | 1.00 | |
| Price Band 6 | EFG2X (T) | | 1.00 | 1.00 | |
| Rearrangement | | | | | |
| Rate Zone 1 | NRBOY | | .90 | .60 | |
| Rate Zone 2 | NRBOY | | .90 | .60 | |
| Rate Zone 3 | NRBOY | | .90 | .60 | |

(D)
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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

| | USOC | Monthly Rates | Nonrecurring Charges First | Nonrecurring Charges Additional | |
|---|---|---|---|---|---|
| (1) Voice Grade (Cont'd) | | | | | |
| - Per Point of Termination (Cont'd) | | | | | |
| Four-wire Installation/Change | | | | | |
| Rate Zone 1 | EFG4X | | $1.00 | $.75 | (D) |
| Rate Zone 2 | EFG4X | | 1.00 | .75 | \| |
| Rate Zone 3 | EFG4X | | 1.00 | .75 | \| |
| Price Band 4 | EFG4X | | 1.00 | .75 | \| |
| Price Band 5 | EFG4X | | 1.00 | .75 | \| |
| Price Band 6 | EFG4X | | 1.00 | .75 | (D) |
| Rearrangement | | | | | |
| Rate Zone 1 | NRBOZ | | .90 | .60 | |
| Rate Zone 2 | NRBOZ | | .90 | .60 | |
| Rate Zone 3 | NRBOZ | | .90 | .60 | |
| (2) DS1 | | | | | |
| - Per Point of Termination | | | | | |
| Rate Zone 1 | EFGDX | $190.00 | | | (D) |
| Rate Zone 2 | EFGDX | 190.00 | | | \| |
| Rate Zone 3 | EFGDX | 190.00 | | | \| |
| Price Band 4 | EFGDX | 190.00 | | | \| |
| Price Band 5 | EFGDX | 190.00 | | | \| |
| Price Band 6 | EFGDX | 190.00 | | | (D) |
| Installation/Change | | | | | |
| Rate Zone 1 | EFGDX | | 355.00 | 220.00 | (D) |
| Rate Zone 2 | EFGDX | | 355.00 | 220.00 | \| |
| Rate Zone 3 | EFGDX | | 355.00 | 220.00 | \| |
| Price Band 4 | EFGDX | | 355.00 | 220.00 | \| |
| Price Band 5 | EFGDX | | 355.00 | 220.00 | \| |
| Price Band 6 | EFGDX | | 355.00 | 220.00 | (D) |
| Rearrangement | | | | | |
| Rate Zone 1 | NRBOZ | | .90 | .60 | |
| Rate Zone 2 | NRBOZ | | .90 | .60 | |
| Rate Zone 3 | NRBOZ | | .90 | .60 | |

(D)
|
(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3
- Per point of termination
(a) Electrical Interface

Rate Zone 1, Month-to-Month

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge | |
|---|---|---|---|---|
| 1 | TYFAX | $2,310.00 | $1.00 | (D) |
| 2 | TYFAX | 2,100.00 | 1.00 | \| |
| 3 | TYFAX | 1,650.00 | 1.00 | \| |
| 4 | TYFAX | 1,550.00 | 1.00 | \| |
| 5 | TYFAX | 1,500.00 | 1.00 | \| |
| 6 | TYFAX | 1,450.00 | 1.00 | \| |
| 7 | TYFAX | 1,400.00 | 1.00 | \| |
| 8 | TYFAX | 1,350.00 | 1.00 | \| |
| 9 | TYFAX | 1,300.00 | 1.00 | \| |
| 10 | TYFAX | 1,250.00 | 1.00 | \| |
| 11 | TYFAX | 1,200.00 | 1.00 | \| |
| 12 | TYFAX | 1,090.00 | 1.00 | \| |
| 13 | TYFAX | 1,260.00 | 1.00 | \| |
| 14 | TYFAX | 1,240.00 | 1.00 | \| |
| 15 | TYFAX | 1,230.00 | 1.00 | \| |
| 16 | TYFAX | 1,220.00 | 1.00 | \| |
| 17 | TYFAX | 1,200.00 | 1.00 | \| |
| 18 | TYFAX | 1,190.00 | 1.00 | \| |
| 19 | TYFAX | 1,175.00 | 1.00 | \| |
| 20 | TYFAX | 1,150.00 | 1.00 | \| |
| 21 | TYFAX | 1,140.00 | 1.00 | \| |
| 22 | TYFAX | 1,120.00 | 1.00 | \| |
| 23 | TYFAX | 1,105.00 | 1.00 | \| |
| 24 | TYFAX | 1,101.00 | 1.00 | \| |
| 25 and Over | TYFAX | 1,100.00 | 1.00 | (D) |

(D)
|
(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination (Cont'd)
(a) Electrical Interface (Cont'd)

Rate Zone 2, Month-to-Month

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge | |
|---|---|---|---|---|
| 1 | TYFAX | $2,310.00 | $1.00 | (D) |
| 2 | TYFAX | 2,100.00 | 1.00 | \| |
| 3 | TYFAX | 1,650.00 | 1.00 | \| |
| 4 | TYFAX | 1,550.00 | 1.00 | \| |
| 5 | TYFAX | 1,500.00 | 1.00 | \| |
| 6 | TYFAX | 1,450.00 | 1.00 | \| |
| 7 | TYFAX | 1,400.00 | 1.00 | \| |
| 8 | TYFAX | 1,350.00 | 1.00 | \| |
| 9 | TYFAX | 1,300.00 | 1.00 | \| |
| 10 | TYFAX | 1,250.00 | 1.00 | \| |
| 11 | TYFAX | 1,200.00 | 1.00 | \| |
| 12 | TYFAX | 1,090.00 | 1.00 | \| |
| 13 | TYFAX | 1,260.00 | 1.00 | \| |
| 14 | TYFAX | 1,240.00 | 1.00 | \| |
| 15 | TYFAX | 1,230.00 | 1.00 | \| |
| 16 | TYFAX | 1,220.00 | 1.00 | \| |
| 17 | TYFAX | 1,200.00 | 1.00 | \| |
| 18 | TYFAX | 1,190.00 | 1.00 | \| |
| 19 | TYFAX | 1,175.00 | 1.00 | \| |
| 20 | TYFAX | 1,150.00 | 1.00 | \| |
| 21 | TYFAX | 1,140.00 | 1.00 | \| |
| 22 | TYFAX | 1,120.00 | 1.00 | \| |
| 23 | TYFAX | 1,105.00 | 1.00 | \| |
| 24 | TYFAX | 1,101.00 | 1.00 | \| |
| 25 and Over | TYFAX | 1,100.00 | 1.00 | (D) |

(D)
|
(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination (Cont'd)
(a) Electrical Interface (Cont'd)

Rate Zone 3, Month-to-Month

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge | |
|---|---|---|---|---|
| 1 | TYFAX | $2,310.00 | $1.00 | (D) |
| 2 | TYFAX | 2,100.00 | 1.00 | \| |
| 3 | TYFAX | 1,650.00 | 1.00 | \| |
| 4 | TYFAX | 1,550.00 | 1.00 | \| |
| 5 | TYFAX | 1,500.00 | 1.00 | \| |
| 6 | TYFAX | 1,450.00 | 1.00 | \| |
| 7 | TYFAX | 1,400.00 | 1.00 | \| |
| 8 | TYFAX | 1,350.00 | 1.00 | \| |
| 9 | TYFAX | 1,300.00 | 1.00 | \| |
| 10 | TYFAX | 1,250.00 | 1.00 | \| |
| 11 | TYFAX | 1,200.00 | 1.00 | \| |
| 12 | TYFAX | 1,090.00 | 1.00 | \| |
| 13 | TYFAX | 1,260.00 | 1.00 | \| |
| 14 | TYFAX | 1,240.00 | 1.00 | \| |
| 15 | TYFAX | 1,230.00 | 1.00 | \| |
| 16 | TYFAX | 1,220.00 | 1.00 | \| |
| 17 | TYFAX | 1,200.00 | 1.00 | \| |
| 18 | TYFAX | 1,190.00 | 1.00 | \| |
| 19 | TYFAX | 1,175.00 | 1.00 | \| |
| 20 | TYFAX | 1,150.00 | 1.00 | \| |
| 21 | TYFAX | 1,140.00 | 1.00 | \| |
| 22 | TYFAX | 1,120.00 | 1.00 | \| |
| 23 | TYFAX | 1,105.00 | 1.00 | \| |
| 24 | TYFAX | 1,101.00 | 1.00 | \| |
| 25 and Over | TYFAX | 1,100.00 | 1.00 | (D) |

(D)
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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(a) Electrical Interface (Cont'd)

Price Band 4, Month-to-Month

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge | |
|---|---|---|---|---|
| 1 | TYFAX | $2,310.00 | $1.00 | (D) |
| 2 | TYFAX | 2,100.00 | 1.00 | \| |
| 3 | TYFAX | 1,650.00 | 1.00 | \| |
| 4 | TYFAX | 1,550.00 | 1.00 | \| |
| 5 | TYFAX | 1,500.00 | 1.00 | \| |
| 6 | TYFAX | 1,450.00 | 1.00 | \| |
| 7 | TYFAX | 1,400.00 | 1.00 | \| |
| 8 | TYFAX | 1,350.00 | 1.00 | \| |
| 9 | TYFAX | 1,300.00 | 1.00 | \| |
| 10 | TYFAX | 1,250.00 | 1.00 | \| |
| 11 | TYFAX | 1,200.00 | 1.00 | \| |
| 12 | TYFAX | 1,090.00 | 1.00 | \| |
| 13 | TYFAX | 1,260.00 | 1.00 | \| |
| 14 | TYFAX | 1,240.00 | 1.00 | \| |
| 15 | TYFAX | 1,230.00 | 1.00 | \| |
| 16 | TYFAX | 1,220.00 | 1.00 | \| |
| 17 | TYFAX | 1,200.00 | 1.00 | \| |
| 18 | TYFAX | 1,190.00 | 1.00 | \| |
| 19 | TYFAX | 1,175.00 | 1.00 | \| |
| 20 | TYFAX | 1,150.00 | 1.00 | \| |
| 21 | TYFAX | 1,140.00 | 1.00 | \| |
| 22 | TYFAX | 1,120.00 | 1.00 | \| |
| 23 | TYFAX | 1,105.00 | 1.00 | \| |
| 24 | TYFAX | 1,101.00 | 1.00 | \| |
| 25 and Over | TYFAX | 1,100.00 | 1.00 | (D) |

(D)
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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(a) Electrical Interface (Cont'd)

Price Band 5, Month-to-Month

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge | |
|---|---|---|---|---|
| 1 | TYFAX | $2,310.00 | $1.00 | (D) |
| 2 | TYFAX | 2,100.00 | 1.00 | \| |
| 3 | TYFAX | 1,650.00 | 1.00 | \| |
| 4 | TYFAX | 1,550.00 | 1.00 | \| |
| 5 | TYFAX | 1,500.00 | 1.00 | \| |
| 6 | TYFAX | 1,450.00 | 1.00 | \| |
| 7 | TYFAX | 1,400.00 | 1.00 | \| |
| 8 | TYFAX | 1,350.00 | 1.00 | \| |
| 9 | TYFAX | 1,300.00 | 1.00 | \| |
| 10 | TYFAX | 1,250.00 | 1.00 | \| |
| 11 | TYFAX | 1,200.00 | 1.00 | \| |
| 12 | TYFAX | 1,090.00 | 1.00 | \| |
| 13 | TYFAX | 1,260.00 | 1.00 | \| |
| 14 | TYFAX | 1,240.00 | 1.00 | \| |
| 15 | TYFAX | 1,230.00 | 1.00 | \| |
| 16 | TYFAX | 1,220.00 | 1.00 | \| |
| 17 | TYFAX | 1,200.00 | 1.00 | \| |
| 18 | TYFAX | 1,190.00 | 1.00 | \| |
| 19 | TYFAX | 1,175.00 | 1.00 | \| |
| 20 | TYFAX | 1,150.00 | 1.00 | \| |
| 21 | TYFAX | 1,140.00 | 1.00 | \| |
| 22 | TYFAX | 1,120.00 | 1.00 | \| |
| 23 | TYFAX | 1,105.00 | 1.00 | \| |
| 24 | TYFAX | 1,101.00 | 1.00 | \| |
| 25 and Over | TYFAX | 1,100.00 | 1.00 | (D) |

(D)
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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(a) Electrical Interface (Cont'd)

Price Band 6, Month-to-Month

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge | |
|---|---|---|---|---|
| 1 | TYFAX | $2,310.00 | $1.00 | (D) |
| 2 | TYFAX | 2,100.00 | 1.00 | \| |
| 3 | TYFAX | 1,650.00 | 1.00 | \| |
| 4 | TYFAX | 1,550.00 | 1.00 | \| |
| 5 | TYFAX | 1,500.00 | 1.00 | \| |
| 6 | TYFAX | 1,450.00 | 1.00 | \| |
| 7 | TYFAX | 1,400.00 | 1.00 | \| |
| 8 | TYFAX | 1,350.00 | 1.00 | \| |
| 9 | TYFAX | 1,300.00 | 1.00 | \| |
| 10 | TYFAX | 1,250.00 | 1.00 | \| |
| 11 | TYFAX | 1,200.00 | 1.00 | \| |
| 12 | TYFAX | 1,090.00 | 1.00 | \| |
| 13 | TYFAX | 1,260.00 | 1.00 | \| |
| 14 | TYFAX | 1,240.00 | 1.00 | \| |
| 15 | TYFAX | 1,230.00 | 1.00 | \| |
| 16 | TYFAX | 1,220.00 | 1.00 | \| |
| 17 | TYFAX | 1,200.00 | 1.00 | \| |
| 18 | TYFAX | 1,190.00 | 1.00 | \| |
| 19 | TYFAX | 1,175.00 | 1.00 | \| |
| 20 | TYFAX | 1,150.00 | 1.00 | \| |
| 21 | TYFAX | 1,140.00 | 1.00 | \| |
| 22 | TYFAX | 1,120.00 | 1.00 | \| |
| 23 | TYFAX | 1,105.00 | 1.00 | \| |
| 24 | TYFAX | 1,101.00 | 1.00 | \| |
| 25 and Over | TYFAX | 1,100.00 | 1.00 | (D) |

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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3
- Per point of termination
(a) Electrical Interface

Rate Zone 1, Base Rates

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge | |
|---|---|---|---|---|
| 1 | TYFBX | $2,310.00 | $1.00 | (D) |
| 2 | TYFBX | 2,100.00 | 1.00 | \| |
| 3 | TYFBX | 1,650.00 | 1.00 | \| |
| 4 | TYFBX | 1,550.00 | 1.00 | \| |
| 5 | TYFBX | 1,500.00 | 1.00 | \| |
| 6 | TYFBX | 1,450.00 | 1.00 | \| |
| 7 | TYFBX | 1,400.00 | 1.00 | \| |
| 8 | TYFBX | 1,350.00 | 1.00 | \| |
| 9 | TYFBX | 1,300.00 | 1.00 | \| |
| 10 | TYFBX | 1,250.00 | 1.00 | \| |
| 11 | TYFBX | 1,200.00 | 1.00 | \| |
| 12 | TYFBX | 1,090.00 | 1.00 | \| |
| 13 | TYFBX | 1,260.00 | 1.00 | \| |
| 14 | TYFBX | 1,240.00 | 1.00 | \| |
| 15 | TYFBX | 1,230.00 | 1.00 | \| |
| 16 | TYFBX | 1,220.00 | 1.00 | \| |
| 17 | TYFBX | 1,200.00 | 1.00 | \| |
| 18 | TYFBX | 1,190.00 | 1.00 | \| |
| 19 | TYFBX | 1,175.00 | 1.00 | \| |
| 20 | TYFBX | 1,150.00 | 1.00 | \| |
| 21 | TYFBX | 1,140.00 | 1.00 | \| |
| 22 | TYFBX | 1,120.00 | 1.00 | \| |
| 23 | TYFBX | 1,105.00 | 1.00 | \| |
| 24 | TYFBX | 1,101.00 | 1.00 | \| |
| 25 and Over | TYFBX | 1,100.00 | 1.00 | (D) |

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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination (Cont'd)
(a) Electrical Interface (Cont'd)

Rate Zone 2, Base Rates

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge | |
|---|---|---|---|---|
| 1 | TYFBX | $2,310.00 | $1.00 | (D) |
| 2 | TYFBX | 2,100.00 | 1.00 | \| |
| 3 | TYFBX | 1,650.00 | 1.00 | \| |
| 4 | TYFBX | 1,550.00 | 1.00 | \| |
| 5 | TYFBX | 1,500.00 | 1.00 | \| |
| 6 | TYFBX | 1,450.00 | 1.00 | \| |
| 7 | TYFBX | 1,400.00 | 1.00 | \| |
| 8 | TYFBX | 1,350.00 | 1.00 | \| |
| 9 | TYFBX | 1,300.00 | 1.00 | \| |
| 10 | TYFBX | 1,250.00 | 1.00 | \| |
| 11 | TYFBX | 1,200.00 | 1.00 | \| |
| 12 | TYFBX | 1,090.00 | 1.00 | \| |
| 13 | TYFBX | 1,260.00 | 1.00 | \| |
| 14 | TYFBX | 1,240.00 | 1.00 | \| |
| 15 | TYFBX | 1,230.00 | 1.00 | \| |
| 16 | TYFBX | 1,220.00 | 1.00 | \| |
| 17 | TYFBX | 1,200.00 | 1.00 | \| |
| 18 | TYFBX | 1,190.00 | 1.00 | \| |
| 19 | TYFBX | 1,175.00 | 1.00 | \| |
| 20 | TYFBX | 1,150.00 | 1.00 | \| |
| 21 | TYFBX | 1,140.00 | 1.00 | \| |
| 22 | TYFBX | 1,120.00 | 1.00 | \| |
| 23 | TYFBX | 1,105.00 | 1.00 | \| |
| 24 | TYFBX | 1,101.00 | 1.00 | \| |
| 25 and Over | TYFBX | 1,100.00 | 1.00 | (D) |

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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination (Cont'd)
(a) Electrical Interface (Cont'd)

Rate Zone 3, Base Rates

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge | |
|---|---|---|---|---|
| 1 | TYFBX | $2,310.00 | $1.00 | (D) |
| 2 | TYFBX | 2,100.00 | 1.00 | \| |
| 3 | TYFBX | 1,650.00 | 1.00 | \| |
| 4 | TYFBX | 1,550.00 | 1.00 | \| |
| 5 | TYFBX | 1,500.00 | 1.00 | \| |
| 6 | TYFBX | 1,450.00 | 1.00 | \| |
| 7 | TYFBX | 1,400.00 | 1.00 | \| |
| 8 | TYFBX | 1,350.00 | 1.00 | \| |
| 9 | TYFBX | 1,300.00 | 1.00 | \| |
| 10 | TYFBX | 1,250.00 | 1.00 | \| |
| 11 | TYFBX | 1,200.00 | 1.00 | \| |
| 12 | TYFBX | 1,090.00 | 1.00 | \| |
| 13 | TYFBX | 1,260.00 | 1.00 | \| |
| 14 | TYFBX | 1,240.00 | 1.00 | \| |
| 15 | TYFBX | 1,230.00 | 1.00 | \| |
| 16 | TYFBX | 1,220.00 | 1.00 | \| |
| 17 | TYFBX | 1,200.00 | 1.00 | \| |
| 18 | TYFBX | 1,190.00 | 1.00 | \| |
| 19 | TYFBX | 1,175.00 | 1.00 | \| |
| 20 | TYFBX | 1,150.00 | 1.00 | \| |
| 21 | TYFBX | 1,140.00 | 1.00 | \| |
| 22 | TYFBX | 1,120.00 | 1.00 | \| |
| 23 | TYFBX | 1,105.00 | 1.00 | \| |
| 24 | TYFBX | 1,101.00 | 1.00 | \| |
| 25 and Over | TYFBX | 1,100.00 | 1.00 | (D) |

(D)
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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(a) Electrical Interface (Cont'd)

Price Band 4, Base Rates

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge | |
|---|---|---|---|---|
| 1 | TYFBX | $2,310.00 | $1.00 | (D) |
| 2 | TYFBX | 2,100.00 | 1.00 | \| |
| 3 | TYFBX | 1,650.00 | 1.00 | \| |
| 4 | TYFBX | 1,550.00 | 1.00 | \| |
| 5 | TYFBX | 1,500.00 | 1.00 | \| |
| 6 | TYFBX | 1,450.00 | 1.00 | \| |
| 7 | TYFBX | 1,400.00 | 1.00 | \| |
| 8 | TYFBX | 1,350.00 | 1.00 | \| |
| 9 | TYFBX | 1,300.00 | 1.00 | \| |
| 10 | TYFBX | 1,250.00 | 1.00 | \| |
| 11 | TYFBX | 1,200.00 | 1.00 | \| |
| 12 | TYFBX | 1,090.00 | 1.00 | \| |
| 13 | TYFBX | 1,260.00 | 1.00 | \| |
| 14 | TYFBX | 1,240.00 | 1.00 | \| |
| 15 | TYFBX | 1,230.00 | 1.00 | \| |
| 16 | TYFBX | 1,220.00 | 1.00 | \| |
| 17 | TYFBX | 1,200.00 | 1.00 | \| |
| 18 | TYFBX | 1,190.00 | 1.00 | \| |
| 19 | TYFBX | 1,175.00 | 1.00 | \| |
| 20 | TYFBX | 1,150.00 | 1.00 | \| |
| 21 | TYFBX | 1,140.00 | 1.00 | \| |
| 22 | TYFBX | 1,120.00 | 1.00 | \| |
| 23 | TYFBX | 1,105.00 | 1.00 | \| |
| 24 | TYFBX | 1,101.00 | 1.00 | \| |
| 25 and Over | TYFBX | 1,100.00 | 1.00 | (D) |

(D)
|
(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(a) Electrical Interface (Cont'd)

Price Band 5, Base Rates

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge | |
|---|---|---|---|---|
| 1 | TYFBX | $2,310.00 | $1.00 | (D) |
| 2 | TYFBX | 2,100.00 | 1.00 | \| |
| 3 | TYFBX | 1,650.00 | 1.00 | \| |
| 4 | TYFBX | 1,550.00 | 1.00 | \| |
| 5 | TYFBX | 1,500.00 | 1.00 | \| |
| 6 | TYFBX | 1,450.00 | 1.00 | \| |
| 7 | TYFBX | 1,400.00 | 1.00 | \| |
| 8 | TYFBX | 1,350.00 | 1.00 | \| |
| 9 | TYFBX | 1,300.00 | 1.00 | \| |
| 10 | TYFBX | 1,250.00 | 1.00 | \| |
| 11 | TYFBX | 1,200.00 | 1.00 | \| |
| 12 | TYFBX | 1,090.00 | 1.00 | \| |
| 13 | TYFBX | 1,260.00 | 1.00 | \| |
| 14 | TYFBX | 1,240.00 | 1.00 | \| |
| 15 | TYFBX | 1,230.00 | 1.00 | \| |
| 16 | TYFBX | 1,220.00 | 1.00 | \| |
| 17 | TYFBX | 1,200.00 | 1.00 | \| |
| 18 | TYFBX | 1,190.00 | 1.00 | \| |
| 19 | TYFBX | 1,175.00 | 1.00 | \| |
| 20 | TYFBX | 1,150.00 | 1.00 | \| |
| 21 | TYFBX | 1,140.00 | 1.00 | \| |
| 22 | TYFBX | 1,120.00 | 1.00 | \| |
| 23 | TYFBX | 1,105.00 | 1.00 | \| |
| 24 | TYFBX | 1,101.00 | 1.00 | \| |
| 25 and Over | TYFBX | 1,100.00 | 1.00 | (D) |

(D)
|
(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(a) Electrical Interface (Cont'd)

Price Band 6, Base Rates

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge | |
|---|---|---|---|---|
| 1 | TYFBX | $2,310.00 | $1.00 | (D) |
| 2 | TYFBX | 2,100.00 | 1.00 | \| |
| 3 | TYFBX | 1,650.00 | 1.00 | \| |
| 4 | TYFBX | 1,550.00 | 1.00 | \| |
| 5 | TYFBX | 1,500.00 | 1.00 | \| |
| 6 | TYFBX | 1,450.00 | 1.00 | \| |
| 7 | TYFBX | 1,400.00 | 1.00 | \| |
| 8 | TYFBX | 1,350.00 | 1.00 | \| |
| 9 | TYFBX | 1,300.00 | 1.00 | \| |
| 10 | TYFBX | 1,250.00 | 1.00 | \| |
| 11 | TYFBX | 1,200.00 | 1.00 | \| |
| 12 | TYFBX | 1,090.00 | 1.00 | \| |
| 13 | TYFBX | 1,260.00 | 1.00 | \| |
| 14 | TYFBX | 1,240.00 | 1.00 | \| |
| 15 | TYFBX | 1,230.00 | 1.00 | \| |
| 16 | TYFBX | 1,220.00 | 1.00 | \| |
| 17 | TYFBX | 1,200.00 | 1.00 | \| |
| 18 | TYFBX | 1,190.00 | 1.00 | \| |
| 19 | TYFBX | 1,175.00 | 1.00 | \| |
| 20 | TYFBX | 1,150.00 | 1.00 | \| |
| 21 | TYFBX | 1,140.00 | 1.00 | \| |
| 22 | TYFBX | 1,120.00 | 1.00 | \| |
| 23 | TYFBX | 1,105.00 | 1.00 | \| |
| 24 | TYFBX | 1,101.00 | 1.00 | \| |
| 25 and Over | TYFBX | 1,100.00 | 1.00 | (D) |

(D)
|
(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination (Cont'd)
(b) Optical Interface

Rate Zone 1, Month-to-Month

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge |
|---|---|---|---|
| 1 | EF2CX | $2,310.00(R) | $1.00 |
| 2 | EF2CX | 2,100.00(R) | 1.00 |
| 3 | EF2CX | 1,650.00(R) | 1.00 |
| 4 | EF2CX | 1,550.00(R) | 1.00 |
| 5 | EF2CX | 1,500.00(R) | 1.00 |
| 6 | EF2CX | 1,450.00(R) | 1.00 |
| 7 | EF2CX | 1,400.00(R) | 1.00 |
| 8 | EF2CX | 1,350.00 | 1.00 |
| 9 | EF2CX | 1,300.00 | 1.00 |
| 10 | EF2CX | 1,250.00 | 1.00 |
| 11 | EF2CX | 1,200.00 | 1.00 |
| 12 | EF2CX | 1,090.00 | 1.00 |
| 13 | EF2CX | 1,260.00(R) | 1.00 |
| 14 | EF2CX | 1,240.00(R) | 1.00 |
| 15 | EF2CX | 1,230.00(R) | 1.00 |
| 16 | EF2CX | 1,220.00(R) | 1.00 |
| 17 | EF2CX | 1,200.00(R) | 1.00 |
| 18 | EF2CX | 1,190.00 | 1.00 |
| 19 | EF2CX | 1,175.00 | 1.00 |
| 20 | EF2CX | 1,150.00 | 1.00 |
| 21 | EF2CX | 1,140.00 | 1.00 |
| 22 | EF2CX | 1,120.00 | 1.00 |
| 23 | EF2CX | 1,105.00 | 1.00 |
| 24 | EF2CX | 1,101.00 | 1.00 |
| 25 and Over | EF2CX | 1,100.00(R) | 1.00 |



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination (Cont'd)
(b) Optical Interface (Cont'd)

Rate Zone 2, Month-to-Month

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge |
|---|---|---|---|
| 1 | EF2CX | $2,310.00(R) | $1.00 |
| 2 | EF2CX | 2,100.00(R) | 1.00 |
| 3 | EF2CX | 1,650.00(R) | 1.00 |
| 4 | EF2CX | 1,550.00(R) | 1.00 |
| 5 | EF2CX | 1,500.00(R) | 1.00 |
| 6 | EF2CX | 1,450.00(R) | 1.00 |
| 7 | EF2CX | 1,400.00(R) | 1.00 |
| 8 | EF2CX | 1,350.00(R) | 1.00 |
| 9 | EF2CX | 1,300.00(R) | 1.00 |
| 10 | EF2CX | 1,250.00(R) | 1.00 |
| 11 | EF2CX | 1,200.00(R) | 1.00 |
| 12 | EF2CX | 1,090.00(R) | 1.00 |
| 13 | EF2CX | 1,260.00(R) | 1.00 |
| 14 | EF2CX | 1,240.00(R) | 1.00 |
| 15 | EF2CX | 1,230.00(R) | 1.00 |
| 16 | EF2CX | 1,220.00(R) | 1.00 |
| 17 | EF2CX | 1,200.00(R) | 1.00 |
| 18 | EF2CX | 1,190.00(R) | 1.00 |
| 19 | EF2CX | 1,175.00(R) | 1.00 |
| 20 | EF2CX | 1,150.00(R) | 1.00 |
| 21 | EF2CX | 1,140.00(R) | 1.00 |
| 22 | EF2CX | 1,120.00(R) | 1.00 |
| 23 | EF2CX | 1,105.00(R) | 1.00 |
| 24 | EF2CX | 1,101.00(R) | 1.00 |
| 25 and Over | EF2CX | 1,100.00(R) | 1.00 |



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination (Cont'd)
(b) Optical Interface (Cont'd)

Rate Zone 3, Month-to-Month

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge |
|---|---|---|---|
| 1 | EF2CX | $2,310.00(R) | $1.00 |
| 2 | EF2CX | 2,100.00(R) | 1.00 |
| 3 | EF2CX | 1,650.00(R) | 1.00 |
| 4 | EF2CX | 1,550.00(R) | 1.00 |
| 5 | EF2CX | 1,500.00(R) | 1.00 |
| 6 | EF2CX | 1,450.00(R) | 1.00 |
| 7 | EF2CX | 1,400.00(R) | 1.00 |
| 8 | EF2CX | 1,350.00(R) | 1.00 |
| 9 | EF2CX | 1,300.00(R) | 1.00 |
| 10 | EF2CX | 1,250.00(R) | 1.00 |
| 11 | EF2CX | 1,200.00(R) | 1.00 |
| 12 | EF2CX | 1,090.00(R) | 1.00 |
| 13 | EF2CX | 1,260.00(R) | 1.00 |
| 14 | EF2CX | 1,240.00(R) | 1.00 |
| 15 | EF2CX | 1,230.00(R) | 1.00 |
| 16 | EF2CX | 1,220.00(R) | 1.00 |
| 17 | EF2CX | 1,200.00(R) | 1.00 |
| 18 | EF2CX | 1,190.00(R) | 1.00 |
| 19 | EF2CX | 1,175.00(R) | 1.00 |
| 20 | EF2CX | 1,150.00(R) | 1.00 |
| 21 | EF2CX | 1,140.00(R) | 1.00 |
| 22 | EF2CX | 1,120.00(R) | 1.00 |
| 23 | EF2CX | 1,105.00(R) | 1.00 |
| 24 | EF2CX | 1,101.00(R) | 1.00 |
| 25 and Over | EF2CX | 1,100.00(R) | 1.00 |



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(b) Optical Interface (Cont'd)

Price Band 4, Month-to-Month (N)

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge | |
|---|---|---|---|---|
| 1 | EF2CX | $2,310.00 | $1.00 | |
| 2 | EF2CX | 2,100.00 | 1.00 | |
| 3 | EF2CX | 1,650.00 | 1.00 | |
| 4 | EF2CX | 1,550.00 | 1.00 | |
| 5 | EF2CX | 1,500.00 | 1.00 | |
| 6 | EF2CX | 1,450.00 | 1.00 | |
| 7 | EF2CX | 1,400.00 | 1.00 | |
| 8 | EF2CX | 1,350.00 | 1.00 | |
| 9 | EF2CX | 1,300.00 | 1.00 | |
| 10 | EF2CX | 1,250.00 | 1.00 | |
| 11 | EF2CX | 1,200.00 | 1.00 | |
| 12 | EF2CX | 1,090.00 | 1.00 | |
| 13 | EF2CX | 1,260.00 | 1.00 | |
| 14 | EF2CX | 1,240.00 | 1.00 | |
| 15 | EF2CX | 1,230.00 | 1.00 | |
| 16 | EF2CX | 1,220.00 | 1.00 | |
| 17 | EF2CX | 1,200.00 | 1.00 | |
| 18 | EF2CX | 1,190.00 | 1.00 | |
| 19 | EF2CX | 1,175.00 | 1.00 | |
| 20 | EF2CX | 1,150.00 | 1.00 | |
| 21 | EF2CX | 1,140.00 | 1.00 | |
| 22 | EF2CX | 1,120.00 | 1.00 | |
| 23 | EF2CX | 1,105.00 | 1.00 | |
| 24 | EF2CX | 1,101.00 | 1.00 | |
| 25 and Over | EF2CX | 1,100.00 | 1.00 | (N) |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(b) Optical Interface (Cont'd)

Price Band 5, Month-to-Month (N)

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge | |
|---|---|---|---|---|
| 1 | EF2CX | $2,310.00 | $1.00 | |
| 2 | EF2CX | 2,100.00 | 1.00 | |
| 3 | EF2CX | 1,650.00 | 1.00 | |
| 4 | EF2CX | 1,550.00 | 1.00 | |
| 5 | EF2CX | 1,500.00 | 1.00 | |
| 6 | EF2CX | 1,450.00 | 1.00 | |
| 7 | EF2CX | 1,400.00 | 1.00 | |
| 8 | EF2CX | 1,350.00 | 1.00 | |
| 9 | EF2CX | 1,300.00 | 1.00 | |
| 10 | EF2CX | 1,250.00 | 1.00 | |
| 11 | EF2CX | 1,200.00 | 1.00 | |
| 12 | EF2CX | 1,090.00 | 1.00 | |
| 13 | EF2CX | 1,260.00 | 1.00 | |
| 14 | EF2CX | 1,240.00 | 1.00 | |
| 15 | EF2CX | 1,230.00 | 1.00 | |
| 16 | EF2CX | 1,220.00 | 1.00 | |
| 17 | EF2CX | 1,200.00 | 1.00 | |
| 18 | EF2CX | 1,190.00 | 1.00 | |
| 19 | EF2CX | 1,175.00 | 1.00 | |
| 20 | EF2CX | 1,150.00 | 1.00 | |
| 21 | EF2CX | 1,140.00 | 1.00 | |
| 22 | EF2CX | 1,120.00 | 1.00 | |
| 23 | EF2CX | 1,105.00 | 1.00 | |
| 24 | EF2CX | 1,101.00 | 1.00 | |
| 25 and Over | EF2CX | 1,100.00 | 1.00 | (N) |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(b) Optical Interface (Cont'd)

Price Band 6, Month-to-Month (N)

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge | |
|---|---|---|---|---|
| 1 | EF2CX | $2,310.00 | $1.00 | |
| 2 | EF2CX | 2,100.00 | 1.00 | |
| 3 | EF2CX | 1,650.00 | 1.00 | |
| 4 | EF2CX | 1,550.00 | 1.00 | |
| 5 | EF2CX | 1,500.00 | 1.00 | |
| 6 | EF2CX | 1,450.00 | 1.00 | |
| 7 | EF2CX | 1,400.00 | 1.00 | |
| 8 | EF2CX | 1,350.00 | 1.00 | |
| 9 | EF2CX | 1,300.00 | 1.00 | |
| 10 | EF2CX | 1,250.00 | 1.00 | |
| 11 | EF2CX | 1,200.00 | 1.00 | |
| 12 | EF2CX | 1,090.00 | 1.00 | |
| 13 | EF2CX | 1,260.00 | 1.00 | |
| 14 | EF2CX | 1,240.00 | 1.00 | |
| 15 | EF2CX | 1,230.00 | 1.00 | |
| 16 | EF2CX | 1,220.00 | 1.00 | |
| 17 | EF2CX | 1,200.00 | 1.00 | |
| 18 | EF2CX | 1,190.00 | 1.00 | |
| 19 | EF2CX | 1,175.00 | 1.00 | |
| 20 | EF2CX | 1,150.00 | 1.00 | |
| 21 | EF2CX | 1,140.00 | 1.00 | |
| 22 | EF2CX | 1,120.00 | 1.00 | |
| 23 | EF2CX | 1,105.00 | 1.00 | |
| 24 | EF2CX | 1,101.00 | 1.00 | |
| 25 and Over | EF2CX | 1,100.00 | 1.00 | (N) |



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination (Cont'd)
(b) Optical Interface

Rate Zone 1, Base Rate

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge |
|---|---|---|---|
| 1 | EF2TX | $2,310.00(R) | $1.00 |
| 2 | EF2TX | 2,100.00(R) | 1.00 |
| 3 | EF2TX | 1,650.00(R) | 1.00 |
| 4 | EF2TX | 1,550.00(R) | 1.00 |
| 5 | EF2TX | 1,500.00(R) | 1.00 |
| 6 | EF2TX | 1,450.00(R) | 1.00 |
| 7 | EF2TX | 1,400.00(R) | 1.00 |
| 8 | EF2TX | 1,350.00 | 1.00 |
| 9 | EF2TX | 1,300.00 | 1.00 |
| 10 | EF2TX | 1,250.00 | 1.00 |
| 11 | EF2TX | 1,200.00 | 1.00 |
| 12 | EF2TX | 1,090.00 | 1.00 |
| 13 | EF2TX | 1,260.00(R) | 1.00 |
| 14 | EF2TX | 1,240.00(R) | 1.00 |
| 15 | EF2TX | 1,230.00(R) | 1.00 |
| 16 | EF2TX | 1,220.00(R) | 1.00 |
| 17 | EF2TX | 1,200.00(R) | 1.00 |
| 18 | EF2TX | 1,190.00 | 1.00 |
| 19 | EF2TX | 1,175.00 | 1.00 |
| 20 | EF2TX | 1,150.00 | 1.00 |
| 21 | EF2TX | 1,140.00 | 1.00 |
| 22 | EF2TX | 1,120.00 | 1.00 |
| 23 | EF2TX | 1,105.00 | 1.00 |
| 24 | EF2TX | 1,101.00 | 1.00 |
| 25 and Over | EF2TX | 1,100.00(R) | 1.00 |



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination (Cont'd)
(b) Optical Interface (Cont'd)

Rate Zone 2, Base Rates

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge |
|---|---|---|---|
| 1 | EF2TX | $2,310.00(R) | $1.00 |
| 2 | EF2TX | 2,100.00(R) | 1.00 |
| 3 | EF2TX | 1,650.00(R) | 1.00 |
| 4 | EF2TX | 1,550.00(R) | 1.00 |
| 5 | EF2TX | 1,500.00(R) | 1.00 |
| 6 | EF2TX | 1,450.00(R) | 1.00 |
| 7 | EF2TX | 1,400.00(R) | 1.00 |
| 8 | EF2TX | 1,350.00(R) | 1.00 |
| 9 | EF2TX | 1,300.00(R) | 1.00 |
| 10 | EF2TX | 1,250.00(R) | 1.00 |
| 11 | EF2TX | 1,200.00(R) | 1.00 |
| 12 | EF2TX | 1,090.00(R) | 1.00 |
| 13 | EF2TX | 1,260.00(R) | 1.00 |
| 14 | EF2TX | 1,240.00(R) | 1.00 |
| 15 | EF2TX | 1,230.00(R) | 1.00 |
| 16 | EF2TX | 1,220.00(R) | 1.00 |
| 17 | EF2TX | 1,200.00(R) | 1.00 |
| 18 | EF2TX | 1,190.00(R) | 1.00 |
| 19 | EF2TX | 1,175.00(R) | 1.00 |
| 20 | EF2TX | 1,150.00(R) | 1.00 |
| 21 | EF2TX | 1,140.00(R) | 1.00 |
| 22 | EF2TX | 1,120.00(R) | 1.00 |
| 23 | EF2TX | 1,105.00(R) | 1.00 |
| 24 | EF2TX | 1,101.00(R) | 1.00 |
| 25 and Over | EF2TX | 1,100.00(R) | 1.00 |



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination (Cont'd)
(b) Optical Interface (Cont'd)

Rate Zone 3, Base Rates

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge |
|---|---|---|---|
| 1 | EF2TX | $2,310.00(R) | $1.00 |
| 2 | EF2TX | 2,100.00(R) | 1.00 |
| 3 | EF2TX | 1,650.00(R) | 1.00 |
| 4 | EF2TX | 1,550.00(R) | 1.00 |
| 5 | EF2TX | 1,500.00(R) | 1.00 |
| 6 | EF2TX | 1,450.00(R) | 1.00 |
| 7 | EF2TX | 1,400.00(R) | 1.00 |
| 8 | EF2TX | 1,350.00(R) | 1.00 |
| 9 | EF2TX | 1,300.00(R) | 1.00 |
| 10 | EF2TX | 1,250.00(R) | 1.00 |
| 11 | EF2TX | 1,200.00(R) | 1.00 |
| 12 | EF2TX | 1,090.00(R) | 1.00 |
| 13 | EF2TX | 1,260.00(R) | 1.00 |
| 14 | EF2TX | 1,240.00(R) | 1.00 |
| 15 | EF2TX | 1,230.00(R) | 1.00 |
| 16 | EF2TX | 1,220.00(R) | 1.00 |
| 17 | EF2TX | 1,200.00(R) | 1.00 |
| 18 | EF2TX | 1,190.00(R) | 1.00 |
| 19 | EF2TX | 1,175.00(R) | 1.00 |
| 20 | EF2TX | 1,150.00(R) | 1.00 |
| 21 | EF2TX | 1,140.00(R) | 1.00 |
| 22 | EF2TX | 1,120.00(R) | 1.00 |
| 23 | EF2TX | 1,105.00(R) | 1.00 |
| 24 | EF2TX | 1,101.00(R) | 1.00 |
| 25 and Over | EF2TX | 1,100.00(R) | 1.00 |



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(b) Optical Interface (Cont'd)

Price Band 4, Base Rates (N)

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge | |
|---|---|---|---|---|
| 1 | EF2TX | $2,310.00 | $1.00 | |
| 2 | EF2TX | 2,100.00 | 1.00 | |
| 3 | EF2TX | 1,650.00 | 1.00 | |
| 4 | EF2TX | 1,550.00 | 1.00 | |
| 5 | EF2TX | 1,500.00 | 1.00 | |
| 6 | EF2TX | 1,450.00 | 1.00 | |
| 7 | EF2TX | 1,400.00 | 1.00 | |
| 8 | EF2TX | 1,350.00 | 1.00 | |
| 9 | EF2TX | 1,300.00 | 1.00 | |
| 10 | EF2TX | 1,250.00 | 1.00 | |
| 11 | EF2TX | 1,200.00 | 1.00 | |
| 12 | EF2TX | 1,090.00 | 1.00 | |
| 13 | EF2TX | 1,260.00 | 1.00 | |
| 14 | EF2TX | 1,240.00 | 1.00 | |
| 15 | EF2TX | 1,230.00 | 1.00 | |
| 16 | EF2TX | 1,220.00 | 1.00 | |
| 17 | EF2TX | 1,200.00 | 1.00 | |
| 18 | EF2TX | 1,190.00 | 1.00 | |
| 19 | EF2TX | 1,175.00 | 1.00 | |
| 20 | EF2TX | 1,150.00 | 1.00 | |
| 21 | EF2TX | 1,140.00 | 1.00 | |
| 22 | EF2TX | 1,120.00 | 1.00 | |
| 23 | EF2TX | 1,105.00 | 1.00 | |
| 24 | EF2TX | 1,101.00 | 1.00 | |
| 25 and Over | EF2TX | 1,100.00 | 1.00 | (N) |



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(b) Optical Interface (Cont'd)

Price Band 5, Base Rates (N)

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge | |
|---|---|---|---|---|
| 1 | EF2TX | $2,310.00 | $1.00 | |
| 2 | EF2TX | 2,100.00 | 1.00 | |
| 3 | EF2TX | 1,650.00 | 1.00 | |
| 4 | EF2TX | 1,550.00 | 1.00 | |
| 5 | EF2TX | 1,500.00 | 1.00 | |
| 6 | EF2TX | 1,450.00 | 1.00 | |
| 7 | EF2TX | 1,400.00 | 1.00 | |
| 8 | EF2TX | 1,350.00 | 1.00 | |
| 9 | EF2TX | 1,300.00 | 1.00 | |
| 10 | EF2TX | 1,250.00 | 1.00 | |
| 11 | EF2TX | 1,200.00 | 1.00 | |
| 12 | EF2TX | 1,090.00 | 1.00 | |
| 13 | EF2TX | 1,260.00 | 1.00 | |
| 14 | EF2TX | 1,240.00 | 1.00 | |
| 15 | EF2TX | 1,230.00 | 1.00 | |
| 16 | EF2TX | 1,220.00 | 1.00 | |
| 17 | EF2TX | 1,200.00 | 1.00 | |
| 18 | EF2TX | 1,190.00 | 1.00 | |
| 19 | EF2TX | 1,175.00 | 1.00 | |
| 20 | EF2TX | 1,150.00 | 1.00 | |
| 21 | EF2TX | 1,140.00 | 1.00 | |
| 22 | EF2TX | 1,120.00 | 1.00 | |
| 23 | EF2TX | 1,105.00 | 1.00 | |
| 24 | EF2TX | 1,101.00 | 1.00 | |
| 25 and Over | EF2TX | 1,100.00 | 1.00 | (N) |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(3) DS3 (Cont'd)
- Per point of termination

(b) Optical Interface (Cont'd)

Price Band 6, Base Rates (N)

| # DS3 CTs Counted | USOC | Monthly Rate, Per CT | Nonrecurring Charge | |
|---|---|---|---|---|
| 1 | EF2TX | $2,310.00 | $1.00 | |
| 2 | EF2TX | 2,100.00 | 1.00 | |
| 3 | EF2TX | 1,650.00 | 1.00 | |
| 4 | EF2TX | 1,550.00 | 1.00 | |
| 5 | EF2TX | 1,500.00 | 1.00 | |
| 6 | EF2TX | 1,450.00 | 1.00 | |
| 7 | EF2TX | 1,400.00 | 1.00 | |
| 8 | EF2TX | 1,350.00 | 1.00 | |
| 9 | EF2TX | 1,300.00 | 1.00 | |
| 10 | EF2TX | 1,250.00 | 1.00 | |
| 11 | EF2TX | 1,200.00 | 1.00 | |
| 12 | EF2TX | 1,090.00 | 1.00 | |
| 13 | EF2TX | 1,260.00 | 1.00 | |
| 14 | EF2TX | 1,240.00 | 1.00 | |
| 15 | EF2TX | 1,230.00 | 1.00 | |
| 16 | EF2TX | 1,220.00 | 1.00 | |
| 17 | EF2TX | 1,200.00 | 1.00 | |
| 18 | EF2TX | 1,190.00 | 1.00 | |
| 19 | EF2TX | 1,175.00 | 1.00 | |
| 20 | EF2TX | 1,150.00 | 1.00 | |
| 21 | EF2TX | 1,140.00 | 1.00 | |
| 22 | EF2TX | 1,120.00 | 1.00 | |
| 23 | EF2TX | 1,105.00 | 1.00 | |
| 24 | EF2TX | 1,101.00 | 1.00 | |
| 25 and Over | EF2TX | 1,100.00 | 1.00 | (N) |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(A) Entrance Facilities (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(B) Tandem Switched Transport

| | Originating | Terminating To Telephone Company End Offices | Terminating to Third Party |
|---|---|---|---|
| All Rate Zones - Per MOU | | | |
| Tandem Transport - Fixed | $.000000 | $.000000 | $.000000 |
| Tandem Transport - Per Mile | $.000002 | $.000000 | $.000002 |
| Tandem Switching | $.001574 | $.000000 (R) | $.001574 |
| Transport Multiplexing (DS3 to DS1) | $.000000 | $.000000 | $.000000 |
| Host/Remote-Fixed -Per MOU | $.000000 | $.000000 | |
| - Host/Remote-Per Mile -Per MOU | .000000 | .000000 | |

| Dedicated Tandem Trunk Port Charge | USOC | Monthly Rate |
|---|---|---|
| - per Trunk | PT8NX | $12.50 |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(C) Direct Trunked Transport

| | USOC | Monthly Rates Fixed | Per Mile | |
|---|---|---|---|---|
| (1) Voice Grade | | | | |
| Rate Zone 1 | 1YTES | $16.93(S)(x) | $3.00 | (S)(x) |
| Rate Zone 2 | 1YTES | 16.93(S)(x) | 3.00 | (S)(x) |
| Rate Zone 3 | 1YTES | 16.93(S)(x) | 3.00 | (S)(x) |
| Price Band 4 | 1YTES | 20.44 | 4.00 | |
| Price Band 5 | 1YTES | 20.44 | 4.00 | |
| Price Band 6 | 1YTES | 20.44 | 4.00 | |
| (2) DS1 | | | | |
| Rate Zone 1 | 1YTCS | 85.00 | 24.25 | (S)(x) |
| Rate Zone 2 | 1YTCS | 85.00 | 24.25 | (S)(x) |
| Rate Zone 3 | 1YTCS | 85.00 | 24.25 | (S)(x) |
| Price Band 4 | 1YTCS | 85.00 | 24.25 | (I) |
| Price Band 5 | 1YTCS | 85.00 | 24.25 | (I) |
| Price Band 6 | 1YTCS | 85.00 | 24.25 | (I) |

(x) Reissued material became effective July 1, 2011 under Transmittal No. 1148.



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(C) Direct Trunked Transport (Cont'd)

| | USOC | Monthly Rates Fixed | Per Mile | |
|---|---|---|---|---|
| (3) DS3 (Month-to-Month) | | | | |
| - Electrical | | | | |
| Rate Zone 1 | 1YTDS (T) | $950.00(S)(x) | $185.00 | (S)(x) |
| Rate Zone 2 | 1YTDS (T) | 950.00(S)(x) | 185.00 | (S)(x) |
| Rate Zone 3 | 1YTDS (T) | 950.00(S)(x) | 185.00 | (S)(x) |
| Price Band 4 | 1YTDS (T) | 950.00(I) | 185.00 | (I) |
| Price Band 5 | 1YTDS (T) | 950.00(I) | 185.00 | (I) |
| Price Band 6 | 1YTDS (T) | 950.00(I) | 185.00 | (I) |
| - Optical | | | | |
| Rate Zone 1 | 1YTDS (T) | 950.00(S)(x) | 185.00 | (S)(x) |
| Rate Zone 2 | 1YTDS (T) | 950.00(S)(x) | 185.00 | (S)(x) |
| Rate Zone 3 | 1YTDS (T) | 950.00(S)(x) | 185.00 | (S)(x) |
| Price Band 4 | 1YTDS (T) | 950.00(I) | 185.00 | (I) |
| Price Band 5 | 1YTDS (T) | 950.00(I) | 185.00 | (I) |
| Price Band 6 | 1YTDS (T) | 950.00(I) | 185.00 | (I) |
| DS3 (Base Rates) | | | | |
| - Electrical | | | | |
| Rate Zone 1 | 1YTOS (T) | $950.00(S)(x) | $185.00 | (S)(x) |
| Rate Zone 2 | 1YTOS (T) | 950.00(S)(x) | 185.00 | (S)(x) |
| Rate Zone 3 | 1YTOS (T) | 950.00(S)(x) | 185.00 | (S)(x) |
| Price Band 4 | 1YTOS (T) | 950.00(I) | 185.00 | (I) |
| Price Band 5 | 1YTOS (T) | 950.00(I) | 185.00 | (I) |
| Price Band 6 | 1YTOS (T) | 950.00(I) | 185.00 | (I) |
| - Optical | | | | |
| Rate Zone 1 | 1YTOS (T) | $950.00(S)(x) | $185.00 | (S)(x) |
| Rate Zone 2 | 1YTOS (T) | 950.00(S)(x) | 185.00 | (S)(x) |
| Rate Zone 3 | 1YTOS (T) | 950.00(S)(x) | 185.00 | (S)(x) |
| Price Band 4 | 1YTOS (T) | 950.00(I) | 185.00 | (I) |
| Price Band 5 | 1YTOS (T) | 950.00(I) | 185.00 | (I) |
| Price Band 6 | 1YTOS (T) | 950.00(I) | 185.00 | (I) |

(D)
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(D)

(x) Reissued material became effective July 1, 2011 under Transmittal No. 1148.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(D) Multiplexing

| | USOC | Monthly Rates | Nonrecurring Charges |
|---|---|---|---|
| - Entrance Facility, per arrangement | | | |
| DS1 to Voice Grade | | | |
| Rate Zone 1 | MKW1X | $210.00 | |
| Rate Zone 2 | MKW1X | 210.00 | |
| Rate Zone 3 | MKW1X | 210.00 | |
| Price Band 4 | MKW1X | 210.00 | |
| Price Band 5 | MKW1X | 210.00 | |
| Price Band 6 | MKW1X | 210.00 | |
| DS3 to DS1 | | | |
| - Month-to-Month | | | |
| Rate Zone 1 | MKW3X | 900.00 (S)(x) | $1.00 |
| Rate Zone 2 | MKW3X | 900.00 (S)(x) | 1.00 |
| Rate Zone 3 | MKW3X | 900.00 (S)(x) | 1.00 |
| Price Band 4 | MKW3X | 900.00 (I) | 1.00 |
| Price Band 5 | MKW3X | 900.00 (I) | 1.00 |
| Price Band 6 | MKW3X | 900.00 (I) | 1.00 |
| - Base Rates | | | |
| Rate Zone 1 | MJW3X (T) | 900.00 (S)(x) | 1.00 |
| Rate Zone 2 | MJW3X (T) | 900.00 (S)(x) | 1.00 |
| Rate Zone 3 | MJW3X (T) | 900.00 (S)(x) | 1.00 |
| Price Band 4 | MJW3X (T) | 900.00 (I) | 1.00 |
| Price Band 5 | MJW3X (T) | 900.00 (I) | 1.00 |
| Price Band 6 | MJW3X (T) | 900.00 (I) | 1.00 |

(D)
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(D)

(x) Reissued material became effective July 1, 2011 under Transmittal No. 1148.

ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.9 Rates and Charges (Cont'd)
6.9.1 Switched Transport (Cont'd)
(D) Multiplexing (Cont'd)

| | USOC | Monthly Rates | Nonrecurring Charges |
|---|---|---|---|
| - Direct Trunked Transport, per arrangement | | | |
| DS1 to Voice Grade | | | |
| Rate Zone 1 | MKW1X | $210.00 | |
| Rate Zone 2 | MKW1X | 210.00 | |
| Rate Zone 3 | MKW1X | 210.00 | |
| Price Band 4 | MKW1X | 210.00 | |
| Price Band 5 | MKW1X | 210.00 | |
| Price Band 6 | MKW1X | 210.00 | |
| DS3 to DS1 | | | |
| - Month-to-Month | | | |
| Rate Zone 1 | MKW3X | 900.00 | $1.00 |
| Rate Zone 2 | MKW3X | 900.00 | 1.00 |
| Rate Zone 3 | MKW3X | 900.00 | 1.00 |
| Price Band 4 | MKW3X | 900.00 | 1.00 |
| Price Band 5 | MKW3X | 900.00 | 1.00 |
| Price Band 6 | MKW3X | 900.00 | 1.00 |
| - Base Rates | | | |
| Rate Zone 1 | MJW3X | 900.00 | 1.00 |
| Rate Zone 2 | MJW3X | 900.00 | 1.00 |
| Rate Zone 3 | MJW3X | 900.00 | 1.00 |
| Price Band 4 | MJW3X | 900.00 | 1.00 |
| Price Band 5 | MJW3X | 900.00 | 1.00 |
| Price Band 6 | MJW3X | 900.00 | 1.00 |

(D)
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(D)
(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

| | USOC | Monthly Rates | Nonrecurring Charges |
|---|---|---|---|
| (E) Alternate Serving Wire Center | | | |
| DS1 | | | |
| - per point of termination | | | |
| Rate Zone 1 | AV3 | $ 25.00 | |
| Rate Zone 2 | AV3 | 25.00 | |
| Rate Zone 3 | AV3 | 25.00 | |
| DS3 | | | |
| (Optical or Electrical) | | | |
| - per point of termination | | | |
| Rate Zone 1 | AV3 | 250.00 | |
| Rate Zone 2 | AV3 | 250.00 | |
| Rate Zone 3 | AV3 | 250.00 | |
| (F) Diversity | | | |
| - per circuit | | | |
| Rate Zone 1 | DSX | 5.00 | |
| Rate Zone 2 | DSX | 5.00 | |
| Rate Zone 3 | DSX | 5.00 | |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

| | USOC | Nonrecurring Charges | |
|---|---|---|---|
| (G) Switched Access Connection Charge | | | |
| - per Line or trunk | | | |
| Initial | | | |
| Rate Zone 1 | TPP++ | $1.00 | |
| Rate Zone 2 | TPP++ | 1.00 | |
| Rate Zone 3 | TPP++ | 1.00 | |
| Additional | | | |
| Rate Zone 1 | TPP++ | 1.00 | (I) |
| Rate Zone 2 | TPP++ | 1.00 | (I) |
| Rate Zone 3 | TPP++ | 1.00 | (I) |
| (H) Shared Network Arrangement | | | |
| - Processing Charge per Service Order | | | |
| Rate Zone 1 | SRNXX | 50.00 | |
| Rate Zone 2 | SRNXX | 50.00 | |
| Rate Zone 3 | SRNXX | 50.00 | |
| (I) Remote Translations | | | |
| per remote trunk group, per occurrence | NRBTC | 350.00 | |
| (J) Service Order Charge | | | |
| per Service Order | NRBOU | 1.00 | |

| (K) Transport Interconnection Charge | Monthly Charge |
|---|---|
| Collocated | |
| - Originating | $.000000 |
| - Terminating | .000000 |
| Non-Collocated | |
| - Originating | .000000 |
| - Terminating | .000000 |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

| | | USOC | RATE |
|---|---|---|---|
| (L) | Common Channel Signaling Access Service | | |
| | STP access mileage<br>- Per month, per mile | 1OXJX | $3.50 |
| | Note: An STP Port Termination charge also applies. See Section 6.9.2(A) following. | | |
| (M) | Billing Validation Service | | |
| | (1) Query Transport<br>- Per query | TAP | 0.000200 |
| | (2) Query Validation<br>- Per query | QCMVX | 0.040000 |
| | (3) Service Establishment<br>- Per originating point code | NRBLB | 125.00 |
| (N) | Toll Free* Data Base Access Service (available with Trunkside BSA-101XXXX Option equipped out of band Signaling) | | (T) |
| | Basic Query Charge<br>- Per Query | 800DB | 0.004356 |
| | Toll Free Data Base Vertical Feature Package (VFP) (available with Toll Free Data Base Basic Access Service) | | |
| | VFP Charge<br>- Per Query | 800VP | 0.001989 |

* "Toll Free" is considered to mean any access service which utilizes any of the following NPA's: 800, 888, 877, 866, 855, 844, 833, and 822 as they become available to the industry.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(O) Dedicated Network Access Link (DNAL)

(1) Metallic DNAL

| | USOC | Monthly Rates |
|---|---|---|
| (a) Channel Termination - Per point of termination | | $22.50 |

| | Nonrecurring Charges First | Add'l |
|---|---|---|
| - Per point of termination Installation | $200.00 | $150.00 |

| | USOC | Monthly Rates Fixed | Per Mile |
|---|---|---|---|
| (b) Channel Mileage | | None | $3.25 |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(O) Dedicated Network Access Link (DNAL) (Cont'd)

(2) Voice Grade DNAL

| | USOC | Monthly Rates | | |
|---|---|---|---|---|
| (a) Channel Termination | | | | |
| - Per point of termination | | | | |
| Two-Wire | | $14.00 | | |
| Four-Wire | | 26.02 | | |
| | | Nonrecurring Charges | | |
| | | First | Add'l | |
| - Per point of termination | | | | |
| Installation | | | | |
| Two-Wire | | $ 1.00 | $1.00 | |
| Four-Wire | | 1.00 | .75 | |
| | | Monthly Rates | | |
| | | Fixed | Per Mile | |
| (b) Channel Mileage | | $16.93 (I) | $3.00 | (I) |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

(O) Dedicated Network Access Link (DNAL) (Cont'd)

(2) Voice Grade DNAL (Cont'd)

| | USOC | Monthly Rates | Nonrecurring Charges |
|---|---|---|---|
| (c) Optional Features | | | |
| (1) Conditioning - Per point of termination | | | |
| (A) C-Type | | $ 2.00 | None |
| (B) Improved Attenuation Distortion | | 2.00 | None |
| (C) Improved Envelope Delay Distortion | | 75.00 | None |
| (2) Improved Return Loss for Effective Two-Wire Transmission or Improved Termination for Four-Wire Transmission | | | |
| (A) Improved Return Loss - Per point of termination - Two-Wire | | 7.00 | None |
| (B) Improved Termination - Per point of termination - Four-Wire | | 9.00 | None |
| (3) Data Capability - Per point of termination | | 2.00 | $250.00 |

(P) 500 Access Service

| | USOC | Rate |
|---|---|---|
| Query Charge - Per Query | 500DB | $.0085 |

(Q) Carrier Identification Parameter (CIP)

| | USOC | Rate |
|---|---|---|
| - Per Trunk, per month | U7CPT | $ .46 |



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ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.9 Rates and Charges (Cont'd)
6.9.1 Switched Transport (Cont'd)
6.9.1.1 Term Pricing Plans (TPP)*
(A) Entrance Facility

| | USOC | Monthly Rate | Nonrecurring Charge First | Nonrecurring Charge Additional | |
|---|---|---|---|---|---|
| (1) 2 Year | | | | | |
| (a) DS1 | | | | | |
| - Per Point of Termination | | | | | |
| Rate Zone 1 | EFGDX | $171.00 | | | (D) |
| Rate Zone 2 | EFGDX | 171.00 | | | \| |
| Rate Zone 3 | EFGDX | 171.00 | | | \| |
| Price Band 4 | EFGDX | 171.00 | | | \| |
| Price Band 5 | EFGDX | 171.00 | | | \| |
| Price Band 6 | EFGDX | 171.00 | | | (D) |
| - Installation | | | | | |
| Rate Zone 1 | EFGDX | | $1.00 | $.75 | (D) |
| Rate Zone 2 | EFGDX | | 1.00 | .75 | \| |
| Rate Zone 3 | EFGDX | | 1.00 | .75 | \| |
| Price Band 4 | EFGDX | | 1.00 | .75 | \| |
| Price Band 5 | EFGDX | | 1.00 | .75 | \| |
| Price Band 6 | EFGDX | | 1.00 | .75 | (D) |
| (2) 3 Year | | | | | |
| (a) DS1 | | | | | |
| - Per Point of Termination | | | | | |
| Rate Zone 1 | EFGDX | 152.00 | | | (D) |
| Rate Zone 2 | EFGDX | 152.00 | | | \| |
| Rate Zone 3 | EFGDX | 152.00 | | | \| |
| Price Band 4 | EFGDX | 152.00 | | | \| |
| Price Band 5 | EFGDX | 152.00 | | | \| |
| Price Band 6 | EFGDX | 152.00 | | | (D) |
| - Installation | | | | | |
| Rate Zone 1 | EFGDX | | 1.00 | .75 | (D) |
| Rate Zone 2 | EFGDX | | 1.00 | .75 | \| |
| Rate Zone 3 | EFGDX | | 1.00 | .75 | \| |
| Price Band 4 | EFGDX | | 1.00 | .75 | \| |
| Price Band 5 | EFGDX | | 1.00 | .75 | \| |
| Price Band 6 | EFGDX | | 1.00 | .75 | (D) |

* Term Pricing Plans are only available in the following jurisdictions: Washington, D.C., Pennsylvania, Maryland, New Jersey, Delaware, and Virginia.

(D)
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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)

(A) Entrance Facility (Cont'd)

| | USOC | Monthly Rate | Nonrecurring Charge First | Nonrecurring Charge Additional |
|---|---|---|---|---|
| (3) 5 Year# | | | | |
| (a) DS1 | | | | |
| - Per Point of Termination | | | | |
| Rate Zone 1 | EFGDX | $133.00 | | |
| Rate Zone 2 | EFGDX | 133.00 | | |
| Rate Zone 3 | EFGDX | 133.00 | | |
| Price Band 4 | EFGDX | 133.00 | | |
| Price Band 5 | EFGDX | 133.00 | | |
| Price Band 6 | EFGDX | 133.00 | | |
| - Installation | | | | |
| Rate Zone 1 | EFGDX | | $1.00 | $.75 |
| Rate Zone 2 | EFGDX | | 1.00 | .75 |
| Rate Zone 3 | EFGDX | | 1.00 | .75 |
| Price Band 4 | EFGDX | | 1.00 | .75 |
| Price Band 5 | EFGDX | | 1.00 | .75 |
| Price Band 6 | EFGDX | | 1.00 | .75 |

(T)

* Term Pricing Plans are only available in the following jurisdictions: Washington, D.C., Pennsylvania, Maryland, New Jersey, Delaware, and Virginia.

# Service availability limited. Refer to # footnote on Page 6-242. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)

(A) Entrance Facility (Cont'd)

| | USOC | Monthly Rate | Nonrecurring Charge First | Nonrecurring Charge Additional |
|---|---|---|---|---|
| (4) 7 Year# | | | | |
| (a) DS1 | | | | |
| - Per Point of Termination | | | | |
| Rate Zone 1 | EFGDX | $123.50 | | |
| Rate Zone 2 | EFGDX | 123.50 | | |
| Rate Zone 3 | EFGDX | 123.50 | | |
| Price Band 4 | EFGDX | 123.50 | | |
| Price Band 5 | EFGDX | 123.50 | | |
| Price Band 6 | EFGDX | 123.50 | | |
| - Installation | | | | |
| Rate Zone 1 | EFGDX | | $1.00 | $.75 |
| Rate Zone 2 | EFGDX | | 1.00 | .75 |
| Rate Zone 3 | EFGDX | | 1.00 | .75 |
| Price Band 4 | EFGDX | | 1.00 | .75 |
| Price Band 5 | EFGDX | | 1.00 | .75 |
| Price Band 6 | EFGDX | | 1.00 | .75 |

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# Service availability limited. Refer to # footnote on Page 6-242. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)

(B) Direct Trunked Transport

| 2 Year | USOC | Fixed | Per Mile | |
|---|---|---|---|---|
| (1) DS1 | | | | |
| Rate Zone 1 | 1YTCS | $76.50 | $21.83 | (S)(x) |
| Rate Zone 2 | 1YTCS | 76.50 | 21.83 | (S)(x) |
| Rate Zone 3 | 1YTCS | 76.50 | 21.83 | (S)(x) |
| Price Band 4 | 1YTCS | 76.50 | 21.83 | (I) |
| Price Band 5 | 1YTCS | 76.50 | 21.83 | (I) |
| Price Band 6 | 1YTCS | 76.50 | 21.83 | (I) |
| 3 Year | | | | |
| (1) DS1 | | | | |
| Rate Zone 1 | 1YTCS | 68.00 | 19.40 | (S)(x) |
| Rate Zone 2 | 1YTCS | 68.00 | 19.40 | (S)(x) |
| Rate Zone 3 | 1YTCS | 68.00 | 19.40 | (S)(x) |
| Price Band 4 | 1YTCS | 68.00 | 19.40 | (I) |
| Price Band 5 | 1YTCS | 68.00 | 19.40 | (I) |
| Price Band 6 | 1YTCS | 68.00 | 19.40 | (I) |

* Term Pricing Plans are only available in the following jurisdictions: Washington, D.C., Pennsylvania, Maryland, New Jersey, Delaware, and Virginia.

(x) Reissued material became effective July 1, 2011 under Transmittal No. 1148.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)

(B) Direct Trunked Transport (Cont'd)

| 5 Year# | USOC | Fixed | Per Mile | (T) |
|---|---|---|---|---|
| (1) DS1 | | | | |
| Rate Zone 1 | 1YTCS | $59.50 | $16.98 | |
| Rate Zone 2 | 1YTCS | 59.50 | 16.98 | |
| Rate Zone 3 | 1YTCS | 59.50 | 16.98 | |
| Price Band 4 | 1YTCS | 59.50 | 16.98 | |
| Price Band 5 | 1YTCS | 59.50 | 16.98 | |
| Price Band 6 | 1YTCS | 59.50 | 16.98 | |

| 7 Year# | | | | (T) |
|---|---|---|---|---|
| (1) DS1 | | | | |
| Rate Zone 1 | 1YTCS | 55.25 | 15.76 | |
| Rate Zone 2 | 1YTCS | 55.25 | 15.76 | |
| Rate Zone 3 | 1YTCS | 55.25 | 15.76 | |
| Price Band 4 | 1YTCS | 55.25 | 15.76 | |
| Price Band 5 | 1YTCS | 55.25 | 15.76 | |
| Price Band 6 | 1YTCS | 55.25 | 15.76 | |

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# Service availability limited. Refer to # footnote on Page 6-242. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)

(C) Multiplexing

| 2 Year | USOC | Monthly Rates | Nonrecurring Charges | |
|---|---|---|---|---|
| - Entrance Facility | | | | |
| - Per Arrangement | | | | |
| DS1 to Voice Grade | | | | |
| Rate Zone 1 | MKW1X | $189.00 | | (D) |
| Rate Zone 2 | MKW1X | 189.00 | | \| |
| Rate Zone 3 | MKW1X | 189.00 | | \| |
| Price Band 4 | MKW1X | 189.00 | | \| |
| Price Band 5 | MKW1X | 189.00 | | \| |
| Price Band 6 | MKW1X | 189.00 | | (D) |
| - Direct Trunked Transport | | | | |
| - Per Arrangement | | | | |
| DS1 to Voice Grade | | | | |
| Rate Zone 1 | MKW1X | 189.00 | | (D) |
| Rate Zone 2 | MKW1X | 189.00 | | \| |
| Rate Zone 3 | MKW1X | 189.00 | | \| |
| Price Band 4 | MKW1X | 189.00 | | \| |
| Price Band 5 | MKW1X | 189.00 | | \| |
| Price Band 6 | MKW1X | 189.00 | | (D) |

* Term Pricing Plans are only available in the following jurisdictions: Washington, D.C., Pennsylvania, Maryland, New Jersey, Delaware, and Virginia.

(D)
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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)

(C) Multiplexing (Cont'd)

| 3 Year | USOC | Monthly Rates | Nonrecurring Charges | |
|---|---|---|---|---|
| - Entrance Facility | | | | |
| - Per Arrangement | | | | |
| DS1 to Voice Grade | | | | |
| Rate Zone 1 | MKW1X | $168.00 | | (D) |
| Rate Zone 2 | MKW1X | 168.00 | | \| |
| Rate Zone 3 | MKW1X | 168.00 | | \| |
| Price Band 4 | MKW1X | 168.00 | | \| |
| Price Band 5 | MKW1X | 168.00 | | \| |
| Price Band 6 | MKW1X | 168.00 | | (D) |
| - Direct Trunked Transport | | | | |
| - Per Arrangement | | | | |
| DS1 to Voice Grade | | | | |
| Rate Zone 1 | MKW1X | 168.00 | | (D) |
| Rate Zone 2 | MKW1X | 168.00 | | \| |
| Rate Zone 3 | MKW1X | 168.00 | | \| |
| Price Band 4 | MKW1X | 168.00 | | \| |
| Price Band 5 | MKW1X | 168.00 | | \| |
| Price Band 6 | MKW1X | 168.00 | | (D) |

* Term Pricing Plans are only available in the following jurisdictions: Washington, D.C., Pennsylvania, Maryland, New Jersey, Delaware, and Virginia.

(D)
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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)

(C) Multiplexing (Cont'd)

| 5 Year# | USOC | Monthly Rates | Nonrecurring Charges | |
|---|---|---|---|---|
| - Entrance Facility | | | | |
| - Per Arrangement | | | | |
| DS1 to Voice Grade | | | | |
| Rate Zone 1 | MKW1X | $147.00 | | |
| Rate Zone 2 | MKW1X | 147.00 | | |
| Rate Zone 3 | MKW1X | 147.00 | | |
| Price Band 4 | MKW1X | 147.00 | | |
| Price Band 5 | MKW1X | 147.00 | | |
| Price Band 6 | MKW1X | 147.00 | | |
| - Direct Trunked Transport | | | | |
| - Per Arrangement | | | | |
| DS1 to Voice Grade | | | | |
| Rate Zone 1 | MKW1X | 147.00 | | |
| Rate Zone 2 | MKW1X | 147.00 | | |
| Rate Zone 3 | MKW1X | 147.00 | | |
| Price Band 4 | MKW1X | 147.00 | | |
| Price Band 5 | MKW1X | 147.00 | | |
| Price Band 6 | MKW1X | 147.00 | | |

(T)

* Term Pricing Plans are only available in the following jurisdictions: Washington, D.C., Pennsylvania, Maryland, New Jersey, Delaware, and Virginia.

# Service availability limited. Refer to # footnote on Page 6-242. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.1 Term Pricing Plans (TPP)* (Cont'd)

(C) Multiplexing (Cont'd)

| 7 Year# | USOC | Monthly Rates | Nonrecurring Charges | |
|---|---|---|---|---|
| - Entrance Facility | | | | |
| - Per Arrangement | | | | |
| DS1 to Voice Grade | | | | |
| Rate Zone 1 | MKW1X | $136.50 | | |
| Rate Zone 2 | MKW1X | 136.50 | | |
| Rate Zone 3 | MKW1X | 136.50 | | |
| Price Band 4 | MKW1X | 136.50 | | |
| Price Band 5 | MKW1X | 136.50 | | |
| Price Band 6 | MKW1X | 136.50 | | |
| - Direct Trunked Transport | | | | |
| - Per Arrangement | | | | |
| DS1 to Voice Grade | | | | |
| Rate Zone 1 | MKW1X | 136.50 | | |
| Rate Zone 2 | MKW1X | 136.50 | | |
| Rate Zone 3 | MKW1X | 136.50 | | |
| Price Band 4 | MKW1X | 136.50 | | |
| Price Band 5 | MKW1X | 136.50 | | |
| Price Band 6 | MKW1X | 136.50 | | |

(T)

* Term Pricing Plans are only available in the following jurisdictions: Washington, D.C., Pennsylvania, Maryland, New Jersey, Delaware, and Virginia.

# Service availability limited. Refer to # footnote on Page 6-242. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)
6.9 Rates and Charges (Cont'd)
6.9.1 Switched Transport (Cont'd)

6.9.1.2 IntelliLight Entrance Facilities (IEF)*

| (A) Per STS1/51.84 Mbps Termination** | USOC | Monthly Rate 3 Year Term | USOC | Monthly Rate 5 Year Term# | (T) |
|---|---|---|---|---|---|
| 1 | T7XA3 | $1,950.00 | T7XA5 | $1,650.00 | |
| 2 | | 1,950.00 | | 1,400.00 | |
| 3 | | 1,500.00 | | 1,200.00 | |
| 4 | | 1,000.00 | | 720.00 | |
| 5 | | 858.00 | | 620.00 | |
| 6 | | 746.00 | | 540.00 | |
| 7 | | 666.00 | | 483.00 | |
| 8 | | 606.00 | | 440.00 | |
| 9 | | 560.00 | | 407.00 | |
| 10 | | 522.00 | | 380.00 | |
| 11 | | 492.00 | | 358.00 | |
| 12 | | 466.00 | | 340.00 | |
| 13 | | 458.00 | | 338.00 | |
| 14 | | 455.00 | | 336.00 | |
| 15 | | 453.00 | | 334.00 | |
| 16 | | 450.00 | | 332.00 | |
| 17 | | 448.00 | | 330.00 | |
| 18 | | 445.00 | | 328.00 | |
| 19 | | 443.00 | | 326.00 | |
| 20 | | 440.00 | | 324.00 | |
| 21 | | 438.00 | | 322.00 | |
| 22 | | 435.00 | | 320.00 | |
| 23 | | 433.00 | | 318.00 | |
| 24 | | 430.00 | | 316.00 | |
| 25 | | 428.00 | | 314.00 | |
| 26 | | 425.00 | | 312.00 | |
| 27 | | 423.00 | | 310.00 | |
| 28 | | 420.00 | | 308.00 | |
| 29 | | 418.00 | | 306.00 | |
| 30 | | 415.00 | | 304.00 | |
| 31 | | 413.00 | | 302.00 | |
| 32 | | 410.00 | | 300.00 | |
| 33 | | 408.00 | | 298.00 | |
| 34 | | 405.00 | | 296.00 | |
| 35 | | 403.00 | | 294.00 | |
| 36 | | 400.00 | | 292.00 | |
| 37 | | 388.00 | | 290.00 | |
| 38 | | 385.00 | | 288.00 | |
| 39 | | 383.00 | | 284.00 | |
| 40 | | 380.00 | | 280.00 | |
| 41 | | 378.00 | | 275.00 | |
| 42 | | 375.00 | | 270.00 | |
| 43 | | 373.00 | | 265.00 | |
| 44 | | 370.00 | | 260.00 | |
| 45 | | 368.00 | | 255.00 | |
| 46 | | 365.00 | | 250.00 | |
| 47 | | 363.00 | | 245.00 | |
| 48 and up | | 360.00 | | 240.00 | |

* The above rates are applicable in all rate zones.
** Interface sold separately.
# Service availability limited. Refer to # footnote on Page 6-296. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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6. Switched Access Service (Cont'd)

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6. Switched Access Service (Cont'd)

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6. Switched Access Service (Cont'd)

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6. Switched Access Service (Cont'd)

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6. Switched Access Service (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.2 IntelliLight Entrance Facilities (IEF)* (Cont'd)

| (B) IEF Electrical Interfaces, each | USOC | Monthly Rate 3 Year Term | USOC | Monthly Rate 5 Year Term# | (T) |
|---|---|---|---|---|---|
| STS1 Interface | P8TE3 | $150.00 | P8TE5 | $100.00 | |
| DS3 Interface | P8TG3 | 150.00 | P8TG5 | 100.00 | |

(C) IEF Installation Charges

| 1) Initial Installation<br>1a) -Per Termination | USOC | Nonrecurring Charges First | Additional |
|---|---|---|---|
| -STS1 w/ separate Interface | | $1.00 | $ .75 |
| 1b) -Per Interface | | | |
| - per STS1 | | 1.00 | .75 |
| - per DS3 | | 1.00 | .75 |
| 2) Subsequent Installation<br>2a) -Per Termination | | | |
| -STS1 w/ separate Interface | NRBTJ | 1.00 | .75 |
| 2b) -Per Interface | | | |
| - per STS1 | NRBTF | 1.00 | .75 |
| - per DS3 | NRBTF | 1.00 | .75 |

* The above rates are applicable in all rate zones.
# Service availability limited. Refer to # footnote on Page 6-296. (N)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.3 Reserved (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.3 Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.3 Reserved (Cont'd) (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.3 Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

6. Switched Access Service (Cont'd)

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(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd

(D)

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(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.5 Reserved for Future Use (C)

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd

6.9 Rates and Charges (Cont'd)

6.9.1 Switched Transport (Cont'd)

6.9.1.6 Reserved for Future Use (C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd

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ACCESS SERVICE

6. Switched Access Service (Cont'd

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ACCESS SERVICE

6. Switched Access Service (Cont'd

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ACCESS SERVICE

6. Switched Access Service (Cont'd

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ACCESS SERVICE

6. Switched Access Service (Cont'd

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6. Switched Access Service (Cont'd

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6. Switched Access Service (Cont'd

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ACCESS SERVICE

6. Switched Access Service (Cont'd

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ACCESS SERVICE

6. Switched Access Service (Cont'd

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ACCESS SERVICE

6. Switched Access Service (Cont'd

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ACCESS SERVICE

6. Switched Access Service (Cont'd

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office

(A) Local Switching

| Premium Rates | Rate | USOC | |
|---|---|---|---|
| LS1-Feature Groups A & B (except for FGB when subscribed to by a provider of MTS and WATS) | | LSU11 | |
| - Originating | $.002406 | | (C) |
| - Terminating | .000000 | | (R) |
| LS1-Lineside BSA and Trunkside BSA - 950 Option (except for Trunkside BSA-950 Option when subscribed to by a provider of MTS and WATS) | | LSU09 | |
| - Originating | .002403 | | (C) |
| - Terminating | .000000 | | (R) |
| LS2-Feature Group D (and for FGB when subscribed to by a provider of MTS and WATS) | | LSU12 | |
| - Originating | .002406 | | (C) |
| - Terminating | .000000 | | (R) |
| LS2-Trunkside BSA - BSA-101XXXX Option (and for Trunkside BSA-950 Option when subscribed to by a provider of MTS and WATS) | | LSU10 | |
| - Originating | .002403 | | (C) |
| - Terminating | .000000 | | (R) |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

| | USOC | Monthly Rate | |
|---|---|---|---|
| Dedicated Trunk Port#, | | | |
| - per Trunk | PT8VX | $ 11.25 | |
| Shared End Office Trunk | | | |
| - per minute of use | ETCTA | | |
| - Originating | | 0.001688 | |
| - Terminating | | 0.000000 | |
| Common Channel Signaling Access Service STP Port Termination* | | | |
| - Per month, per port | PT8SX | 900.00 | |
| Composite Terminating End Office Charge | | | |
| - Per Terminating Minute of Use | | 0.000000 | (R) |

# Rate will only apply to the portion associated with originating usage.

*Note: For Common Channeling Signaling Access Service, an STP Access Mileage charge also applies. See Section 6.9.1(L) preceding.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

(1) Common Switching Optional Features and BSEs

| | FID/USOC | Rate | Nonrecurring Charge |
|---|---|---|---|
| (a) Call Denial on Line or Hunt Group (available with Lineside BSA) - Per Transmission Path or Transmission Path Group | CAD | None | None |
| (b) Service Code Denial on Line or Hunt Group (available with Lineside BSA) - Per Transmission Path or Transmission Path Group | SCD | None | None |
| (c) Hunt Group Arrangement (available with Lineside BSA) - Per Transmission Path Group | HML/HTG | None | None |
| (d) Hunting Service Arrangements BSE (available with Lineside BSA) - Per Line, Per Month | HSHPG | $ 0.15 | None |
| (e) Hunting Service Arrangements: Circular BSE (available with Lineside BSA) - Per Line, Per Month | HSHCH | $ 0.15 | None |
| (f) Hunting Service Arrangements: Preferred BSE (available with Lineside BSA) - Per Line, Per Month | HSHHP | $ 0.15 | None |
| (g) Uniform Call Distribution Arrangement (available with Lineside BSA) - Per Transmission Path | HTY UD | None | None |
| (h) Uniform Call Distribution BSE (available with Lineside BSA) - Per Line, Per Month | EH7PG | $ 1.25 | None |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

(1) Common Switching Optional Features and BSEs (Cont'd)

| | FID/USOC | Rate | Nonrecurring Charge | |
|---|---|---|---|---|
| (i) Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement (available with Lineside BSA) - Per Transmission Path | NHN | None | None | |
| (j) Non-Hunt Directory Numbers BSE (available with Lineside BSA) - Per Group, Per Month | HSGPN | $ 0.00 | None | |
| (k) Automatic Number Identification (available with Trunkside BSA - 950 Option and Trunkside - 101XXXX Option) - Per Transmission Path Group | ANI | None | None | (D) |
| (l) Automatic Number Identification BSE (available with Trunkside BSA - 950 Option and Trunkside - 101XXXX Option - Per Call | ANI | $ 0.0005 | None | (D) |
| (m) Up to 7 Digit Outpulsing of Access Digits to Customer (available with Trunkside BSA - 950 Option) - Per Transmission Path Group | USDO | None | None | |
| (n) Reserved for Future Use | | | | (C) (D) \| (D) |
| (o) Reserved for Future Use | | | | (C) (D) \| (D) |



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

(1) Common Switching Optional Features and BSEs (Cont'd)

| | FID/USOC | Rate | Nonrecurring Charge | |
|---|---|---|---|---|
| (p) Reserved for Future Use | | | | (C) (D) \| (D) |
| (q) Reserved for Future Use | | | | (C) (D) \| (D) |
| (r) Reserved for Future Use | | | | (C) (D) \| (D) |
| (s) Service Class Routing (available with Trunkside BSA-101XXXX Option and FGD) | | | | (D) (D) |
| - Per Transmission Path Group | SCRT | None | None | |
| (t) Alternate Traffic Routing (available with FGB and FGD) | | | | (D) |
| - Per Transmission Path Group | ARTG | None | None | |
| (u) Alternate Traffic Routing (available with Trunkside BSA - 950 Option, and Trunkside BSA-101XXXX Option, | | | | (D) |
| - Per Transmission Path Group | RALPG | None | $31.00 | |
| (v) Trunk Access Limitation Arrangement (available with Trunkside BSA-10XXX or 101XXXX Option and FGD | | | | (D) (D) |
| - Per End Office | CHOK | None | None | |



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

(1) Common Switching Optional Features and BSEs (Cont'd)

| | FID/USOC | Rate | Nonrecurring Charge | |
|---|---|---|---|---|
| (w) Call Gapping Arrangement (available with Trunkside BSA-101XXXX Option and FGD) | | | | |
| - Per End Office | CGAP | None | None | |
| (x) International Carrier Option (available with Trunkside BSA-101XXXX Option and FGD) | | | | |
| - Per End Office and Access Tandem | INCO | None | None | |
| (y) Band Advance Arrangement for use with WATS Access Line Service (available with Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGA, FGB, and FGD) | | | | (D) (D) |
| - Per Arrangement | BAAD | None | None | |
| (z) End Office End User Line Service Screening for use with WATS Access Line Service (available with Lineside BSA, Trunkside BSA - 950 Option, Trunkside BSA - 101XXXX Option, FGA, FGB, and FGD) | | | | (D) (D) |
| - Per WATS Access Line | BAND | None | None | |
| (aa) Hunt Group Arrangement for use with WATS Access Line Service (available with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGA, FGB, and FGD) | | | | (D) (D) |
| - Per WATS Access Line | HML/HTG | None | None | |



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

(1) Common Switching Optional Features and BSEs (Cont'd)

| | FID/USOC | Rate | Nonrecurring Charge | |
|---|---|---|---|---|
| (ab) Uniform Call Distribution Arrangement for use with WATS Access Line Service (available with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGA, FGB, and FGD) | | | | (D) (D) |
| - Per WATS Access Line Group | HTY UD | None | None | |
| (ac) Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for use with WATS Access Line Service (available with Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGA, FGB, and FGD) | | | | (D) (D) |
| - Per WATS Access Line Group | NHN | None | None | |
| (ad) Toll Billing Exception (available with Lineside BSA and FGA) | | | | |
| - Per Transmission Path | TBE A | None | None | |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

(1) Common Switching Optional Features and BSEs (Cont'd)

| | FID/USOC | Rate | Nonrecurring Charge |
|---|---|---|---|
| (ae) Calling Party Number (available with Trunkside BSA-101XXXX Option equipped with out of band signaling) - Per End Office, Per Trunk Group * + | CF3CP | None | None |
| (af) Charge Number (available with Trunkside BSA-101XXXX Option equipped with out of band signaling) - Per End Office, Per Trunk Group * | CF3CN | None | None |
| (ag) Charge Number BSE (available with Trunkside BSA-101XXXX Option with out of band signaling) - Per Call * | CNB | $ 0.0005 | None |
| (ah) Carrier Selection Parameter (available with Trunkside BSA-101XXXX Option equipped with out of band signaling) - Per End Office, Per Trunk Group * ++ | CF3CS | None | None |
| (ai) Answer Supervision With a Lineside Interface BSE (available with Lineside BSA) - Per Line, Per Month | USW1X | $ 1.75 | $15.00 |

* Available only on originating Trunkside BSA-101XXXX Option.
\+ Calling Party Number is not offered in Pennsylvania, and where it is not technically feasible.
++ Available only at designated Telephone Company switches.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

(1) Common Switching Optional Features and BSEs (Cont'd)

| | FID/USOC | Rate | Nonrecurring Charge |
|---|---|---|---|
| (aj) Three-Way Call Transfer BSE (available with Lineside BSA) | | | |
| - Per Line, Per Month | EO3 | $ 7.50 | $ 3.00 |
| (ak) Messaging Services Interface BSE (available with Lineside BSA) | | | |
| - Per Line, Per Month | SME | 515.00 | 780.00 |
| (al) Premier Messaging Services Interface BSE | | | |
| - Per Arrangement, Per Month | CF3MS | 500.00 | |
| (am) Make Busy Arrangement BSE (available with Lineside BSA) | | | |
| -Per Group, Per Month | DXV | 80.00 | 30.00 |
| (an) Three-Way Calling BSE (available with Lineside BSA) | | | |
| - Per Line, Per Month | ESC | 7.00 | 3.00 |
| (ao) Flexible Automatic Number Identification BSE (available with Trunkside BSA-101XXXX Option) | | | |
| - Per End Office, Per CIC | NUVPO | None | 1,100.00 |
| - Payphone Coding Digits Charge | | | |
| - Per line, each Payphone Service Provider | OLN | 0.00* | |
| (ap) Flexible Automatic Number Identification, available with Feature Group D | | | |
| - Per End Office, Per CIC | NRBFN | None | 1,100.00 |
| - Payphone Coding Digits Charge | | | |
| - Per line, each Payphone Service Provider | OLN | 0.00* | |

* Rate to be recovered over 24 months commencing November 1, 1998 and ending October 31, 2000.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

(1) Common Switching Optional Features and BSEs (Cont'd)

| | FID/USOC | Rate | Nonrecurring Charge |
|---|---|---|---|
| (aq) Direct Inward Dialing Service BSE (available with Lineside BSA) - Per Trunk, Per month | - | $10.00 | $ 6.00 |
| (ar) Direct Inward Dialing Trunk Queuing BSE (available with Lineside BSA) - Per Trunk, Per month | - | 2.00 | 35.00 |
| (as) Access Transport Parameter (available with Trunkside BSA-101XXXX Option equipped with out of band signaling) - Per End Office, Per Trunk Group * ++ | - | NONE | NONE |
| (at) 950 on Feature Group D - Per End Office, Per CIC | NR4NF | NONE | 270.00 |

* Available only on originating Trunkside BSA-101XXXX Option.
++ Available only at designated Telephone Company switches.



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

(1) Common Switching Optional Features and BSEs (Cont'd)

(au) 900 Access Service (available with Feature Groups D, 900 Access Service trunk groups, and Trunkside BSA-101XXXX Option) (D) (D)

| | USOC | Nonrecurring Charge First* | Nonrecurring Charge Additional* |
|---|---|---|---|
| - Per LATA, per NXX (activated or deactivated) | ADNC8 | | |
| Altoona | | $1,917.55 | $ 197.53 |
| Atlantic Coastal | | 479.84 | 49.48 |
| Baltimore | | 2,300.84 | 236.53 |
| Capital | | 1,384.90 | 142.66 |
| Culpepper | | 1,918.91 | 198.03 |
| Delaware Valley | | 1,254.97 | 129.41 |
| Hagerstown | | 843.40 | 86.75 |
| Lynchburg | | 561.63 | 57.96 |
| Norfolk | | 2,012.52 | 207.69 |
| Northeast | | 2,610.00 | 268.86 |
| North Jersey | | 3,801.82 | 392.02 |
| Philadelphia | | 7,286.17 | 750.55 |
| Pittsburg | | 5,699.38 | 587.10 |
| Richmond | | 1,684.90 | 173.88 |
| Roanoke | | 1,872.11 | 193.20 |
| Salisbury | | 824.83 | 84.80 |
| Washington LATA | | 4,821.81 | 496.49 |
| - Per State, per NXX (activated or deactivated) | ADNC8 | | |
| District of Columbia | | 1,701.59 | 175.27 |
| State of Maryland | | 5,730.39 | 589.11 |
| State of Virginia | | 8,050.06 | 830.76 |
| State of New Jersey | | 5,536.63 | 570.91 |
| State of Pennsylvania | | 18,003.65 | 1,854.57 |
| State of Delaware | | 894.34 | 92.13 |

* First and Additional nonrecurring charges are applied on a per order basis. The "First" rate applies to the initial code on an order for service and the "Additional" rate to each additional code on the same order.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

(1) Common Switching Optional Features and BSEs (Cont'd)

| | Rate |
|---|---|
| (av) Switched Access Signalling Service (SASS) - per call | 0.0000 |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

(2) Transport Termination Nonchargeable Options

| | FID | |
|---|---|---|
| (a) Line Side Terminations (For Lineside BSA and FGA) | | |
| Two-Way Operation | | |
| - Dial Pulse with Loop Start | NC +++A | |
| - Dial Pulse with Ground Start | NC +++E | |
| - DTMF with Loop Start | NC +++F | |
| - DTMF with Ground Start | NC +++G | |
| Termination Operation | | |
| - Dial Pulse with Loop Start | NC +++N | |
| - Dial Pulse with Ground Start | NC +++P | |
| - DTMF with Loop Start | NC +++R | |
| - DTMF with Ground Start | NC +++S | |
| Originating Operation | | |
| - Loop Start | NC +++U | |
| - Ground Start | NC +++V | |
| (b) Trunk Side Terminations (For Trunkside BSA - 950 Option, Trunkside BSA-101XXXX Option, FGB and FGD) | | (D) (D) |
| Standard Trunk for Originating, Terminating or Two-Way operation (available with Trunkside BSA -950 Option, Trunkside BSA-101XXXX Option, FGB and FGD) | TTC SO<br>TTC ST<br>TTC TY | (D) (D) |
| Rotary Dial Station Signaling Trunk (available with Trunkside BSA - 950 Option and FGB) | TTC RD | |
| | | (D) \| \| (D) |
| Operator Trunk, Full Feature Arrangement (available with Trunkside BSA-101XXXX Option and FGD) | TTC FF | |



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

(3) WATS Access Line Termination Nonchargeable Options

| (a) Line Side Terminations: | FID |
|---|---|
| Originating Only Loop Start, Line Side Connection, with DTMF Address Signaling - Per Transmission Path | NC +++R |
| Originating Only Loop Start, Line Side Connection, with Dial Pulse Address Signaling - Per Transmission Path | NC +++N |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

(3) WATS Access Line Termination Nonchargeable Options (Cont'd)

(a) Line Side Terminations: (Cont'd)

| | FID |
|---|---|
| Originating Only<br>Ground Start, Line Side<br>Connection, with DTMF<br>Address Signaling<br>- Per WATS Access Line | NC +++S |
| Originating Only<br>Ground Start, Line Side<br>Connection, with Dial<br>Pulse Address Signaling<br>- Per WATS Access Line | NC +++P |
| Terminating Only<br>Loop Start, Line Side<br>Connection<br>- Per WATS Access Line | NC +++U |
| Terminating Only<br>Ground Start, Line Side<br>Connection<br>- Per WATS Access Line | NC +++V |
| (b) Trunk Side Terminations: | |
| Terminating Only<br>Trunk Side Connection<br>for forwarding of Dialed<br>Number Identification<br>to End User<br>- Per WATS Access Line | NC +++T |
| (c) Dialed Number Identification Service (DNIS) | NC +++T |
| - Common equipment to equip a group for DNIS | UGT |
| - Per WATS access line in the group | UGW |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.2 End Office (Cont'd)

(A) Local Switching (Cont'd)

(4) WATS Access Line Termination Chargeable Options

| | USOC | Monthly Rate | Nonrecurring Charge |
|---|---|---|---|
| Answer Supervision Trunk Side Terminations For WATS Access lines Originating Only | | | |
| - Per Initial and Additional WATS Access Line Service, Per Trunk Group | - | None | None |
| - Per Initial WATS Access Line | UAS1X UAS | $14.06 | $100.28 |
| - Per Each Additional WATS Access Line | UASAX UAS | 14.06 | 55.67 |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

| 6.9.3 Message Unit Credit | USOC | Per Originating Lineside BSA Access Minute | |
|---|---|---|---|
| States of Maryland, Virginia, and Washington, D.C. | MUCLT | ($.002000)* | (D) |
| State of Delaware | MUCLT | ( .001000)* | |
| State of New Jersey | MUCLT | ( .002000)* | |
| State of Pennsylvania | MUCLT | ( .001543)* | |

* ( ) equals a negative amount.



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.4 Reserved for Future Use (C)

(D)
|
(D)

6.9.5 Information Surcharge

| | | |
|---|---|---|
| Premium Rate Per Access Minute | 0.000000 | DSC |

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.6 Tandem Access Sectorization

| | RATE | USOC |
|---|---|---|
| Per Trunk, Per Month | $ 1.00 | TJN |
| Nonrecurring Charges | | |
| Initial, Per Customer, Per Tandem | 5,300.00 | TJNTI |
| Subsequent, Per Point of Termination | 820.00 | TJNTS |

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

| | USOC | Rates Per Access Minute | |
|---|---|---|---|
| 6.9.7 Switched 56 Kilobit Service | | | |
| - Per S56 access minute | 56S | $0.000000 | (D) |
| 6.9.8 Reserved For Future Use | | | (C) (D) |
| 6.9.9 0+900 Access Service | | | (D) |
| (A) Activation per end office | - | $400.00 | - |



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.10 Reserved for Future Use (C)

(D)

(D)

(D)



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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

(D)
(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

(D)
(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

(D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.11 Reserved (T) (D)

(D)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.9 Rates and Charges (Cont'd)

6.9.12 Common Switching and Transport Termination Optional Features and BSEs

(A) Signaling System 7 Message Waiting Indicator (SS7MWI) Signaling Service

| | USOC | Monthly Rate | |
|---|---|---|---|
| SS7MWI Signaling Service, per messaging arrangement[1] | S7M | $500.00 | (C) |

(D)

(D)

[1] See 6.4.1(AG)(8)for rate application exception in LATAs 224, 228, and 236. (N)

ACCESS SERVICE

## 7. Special Access Service

Non-Competitive End-User Channel Terminations (and associated optional features and functions) are the Special Access Services offered under this tariff. Other Special Access Services required to complete a circuit are available as described in Section 1.1 preceding. (N)

### 7.1 General

Special Access Service provides a transmission path to connect customer designated premises*, either directly, or through a Telephone Company Hub. In addition, Special Access provides a transmission path to connect a customer designated premises to a WATS Serving Office (WSO), to a wire center where connection to an advanced data service# occurs, or to a fiber meet location of a Verizon Dedicated SONET Ring Service or an IntelliLight® Optical Transport Service. Special Access Service includes all exchange access not utilizing Telephone Company end office switches, with the exception of WATS Access Line Service. (D)

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate.

#### 7.1.1 Channel Types (C)

There are multiple types of channels used to provide Special Access Services. Each type has its own characteristics. All are subdivided by one or more of the following:

- Transmission specifications,
- Bandwidth,
- Speed (i.e., bit rate),
- Spectrum

Customers can order a basic channel and select, from a list of available transmission parameters and channel interfaces, those that they desire to meet specific communications requirements.

* When Telephone Company central office switches provide local exchange service which utilize a common line which must be interconnected for interstate communications (e.g., Centrex), the Telephone Company central office, where the local exchange service ends and the access connection begins, shall be treated as a customer premises for purposes of this tariff. The physical space from which other Telephone Company services are provided, whether or not on Telephone Company property, shall be treated as a customer premises. The central office where packet data services and data base services reside shall also be included in this definition. (D)

# Advanced data services include Telephone Company provided frame relay services and ATM-cell relay services. Connections to advanced data services are provided by the Telephone Company where such connections are technically and operationally feasible, as determined by the Telephone Company.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.1 Channel Types (Cont'd)

For purposes of ordering channels, each has been identified as a type of Special Access Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use. For example, if a customer's equipment is capable of transmitting voice over a channel that is identified as a Metallic Service in this tariff, there is no restriction against doing so.

Following is a brief description of each type of channel:

Voice Grade - a channel for the transmission of analog signals within an approximate bandwidth of 300-3000 Hz.

WATS Access Line - a channel between a customer designated premises and a WATS Serving Office (WSO) for transmission of interstate or international traffic.

(D)
|
|
|
|
|
|
|
(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.1 General (Cont'd)

7.1.1 Channel Types (Cont'd)

Digital Data - a channel for the digital transmission of data at rates of 2.4, 4.8, 9.6, 19.2, 56 or 64 kbps.

High Capacity - a channel for the transmission of isochronous serial digital data at rates of 1.544 or 44.736 Mbps. (D)

(D)
|
|
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|
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|
|
|
|
|
|
|
(D)

Detailed descriptions of each of the channel types are provided in 7.2 following:

The customer also has the option of ordering Voice Grade and analog and digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, 1.544 Mbps and 44.736 Mbps) to a Telephone Company Hub for multiplexing to individual channels of a lower capacity or bandwidth.

The customer may specify optional features for the individual channels derived from the facility to tailor the channel to meet specific communications requirements. Descriptions of the optional features and functions available are also set forth in 7.2 following. (D) (D)

(D)
|
|
|
|
|
(D)

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.2 Rate Categories

The basic rate categories which apply to Special Access Service offered under this tariff are:

- Non-Competitive End User Channel Terminations, including WATS Access Connections (WACs) (described in 7.1.2(A) following)
- Optional Features and Functions (described in 7.1.2(C) following)
- Surcharge (described in 7.4.2 following)
- Message Station Equipment Recovery Charge (described in 7.4.3 following)

Additionally, rates and charges for detariffed Integrated Optical Service Riders may also apply to Special Access connected to Integrated Optical Service Riders. (C) Rates and charges for Ports also apply to a Special Access DS3 connected to a point to point SONET service. (D) (D)

(A) Channel Termination

The Channel Termination rate category provides for the communications path between an end user customer designated premises and the serving wire center of that premises. Included as part of the Channel Termination is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the Point of Termination (POT) and the type of signaling capability, if any. The signaling capability itself is provided as an optional feature as set forth in (C) following. One Channel Termination charge applies per customer designated premises at which the channel is terminated. This charge will apply even if the customer designated premises and the serving wire center are collocated in a Telephone Company building. For WATS Access Line Service, the WATS Serving Office (WSO) is never considered a customer premises. A Channel Termination charge does not apply:

- at a DSR fiber meet location where high speed interconnection of the Company’s facilities to the facilities of the customer or of a third party occurs.

The Channel Termination rate category may also be employed to provide for connections to other service offerings.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.2 Rate Categories (Cont'd)

(B) Channel Mileage

The Channel Mileage rate category is detariffed. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.2 Rate Categories (Cont'd)

(C) Optional Features and Functions (Cont'd)

The Optional Features and Functions rate category provides for optional features and functions which may be added to a Non-Competitive End User Channel Termination to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment, but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of equipment. Although the equipment necessary to perform a specified function may be installed at various locations along the path of the service, they will be charged as a single rate element. (C) (C)

The following is a list of the Telephone Company's Open Network Architecture (ONA) Special Access Basic Service Elements (BSEs) which provides a cross-reference to the generic name contained in Bell Operating Companies, Service Descriptions, ONA Services User Guide, July 31, 1991, from the product name utilized in this tariff. (T)

| GENERIC NAME | VERIZON PRODUCT NAME | (T) |
|---|---|---|
| Access to Clear Channel Transmission | Clear Channel Capability | (D) |
| Bridging | Bridging | |
| Conditioning | Conditioning | |
| Inband Signaling | Inband Signaling | (D) |
| Route Diversity | Route Diversity | |
| Secondary Channel Capability | Secondary Channel | |



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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.2 Rate Categories (Cont'd)

(C) Optional Features and Functions (Cont'd)

Examples of Optional Features and Functions that are available include, but are not limited to, the following:
- Signaling Capability
- Hubbing Functions (some of which are detariffed) (C)
- Conditioning
(D)

A Hub is a Telephone Company designated serving wire center which may perform bridging, multiplexing, and/or IntelliMux® reconfiguration functions. The bridging functions performed are to connect three or more customer designated premises in a multipoint arrangement. (D)

Descriptions for each of the available Optional Features and Functions are set forth in 7.2 following. Multiplexing functions and IntelliMux® Service are (C)
detariffed. (C)

7.1.3 Service Configurations

There are two types of service configurations over which Special Access Services are provided: two-point service and multi-point service.

(A) Two-Point Service

A two-point service connects two customer designated premises, either on a directly connected basis, or (T)
through a Hub. Two point service also connects a (D)
customer designated premises and a WATS Serving Office (WSO).

Applicable rate elements under this tariff are: (C)
- Non-Competitive End User Channel Termination(s) (C)
(D)
- Optional Features and Functions (when applicable)
In addition, a Special Access Surcharge as set forth in 7.4.2 following, and a Message Station Equipment (T)
Recovery Charge as set forth in 7.4.3 following may be applicable.

ACCESS SERVICE

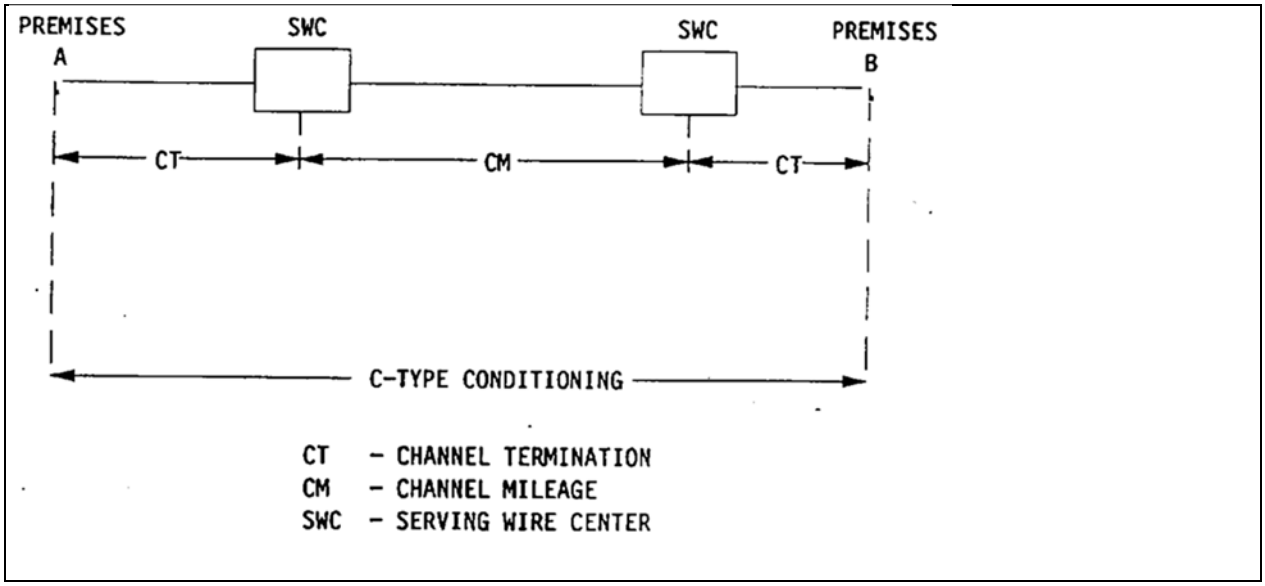
7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.3 Service Configurations (Cont'd)

(A) Two-Point Service

The following diagram depicts a two-point Voice Grade service connecting two Non-Competitive End User Channel Terminations located 15 miles apart. The service is provided with C-Type Conditioning. (C) (C)




Applicable rate elements under this tariff are:

- Non-Competitive End User Channel Terminations (2 applicable) (C) (D)
- C-Type Conditioning Optional Feature (2 applicable)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.3 Service Configurations (Cont'd)

(B) Multipoint Service

Multipoint service connects three or more customer designated premises through a Telephone Company Hub. There is no limitation on the number of mid-links available with multipoint service. However, when more than three mid-links are provided in tandem, the quality of the service may be degraded. A mid-link is a channel between Hubs (i.e., bridging locations) and is detariffed. (N) (N) Only certain types of Special Access Service are provided as multipoint service. These are so designated in the Service Descriptions set forth in 7.2 following.

Multipoint service utilizing a customized technical specifications package as set forth in 7.2 following will be provided when technically possible. If the Telephone Company determines that the requested characteristics for a multi-point service are not compatible, the customer will be advised and given the opportunity to change the order.

When ordering, the customer will specify the desired bridging Hub(s) selected from the Exchange Carrier Association Tariff F.C.C. No. 4. This Tariff identifies type(s) of bridging functions which are available and the serving wire centers at which they are available.

Applicable Rate Elements under this tariff are: (C)

- Non-Competitive End User Channel Terminations (one per customer designated premises) (C)

(D)
|
(D)

- Bridging
- Additional Optional Features (when applicable).

In addition, the Special Access Surcharge as set forth in 7.4.2 following and a Message Station Equipment Recovery Charge as set forth in 7.4.3 following may be applicable.

ACCESS SERVICE

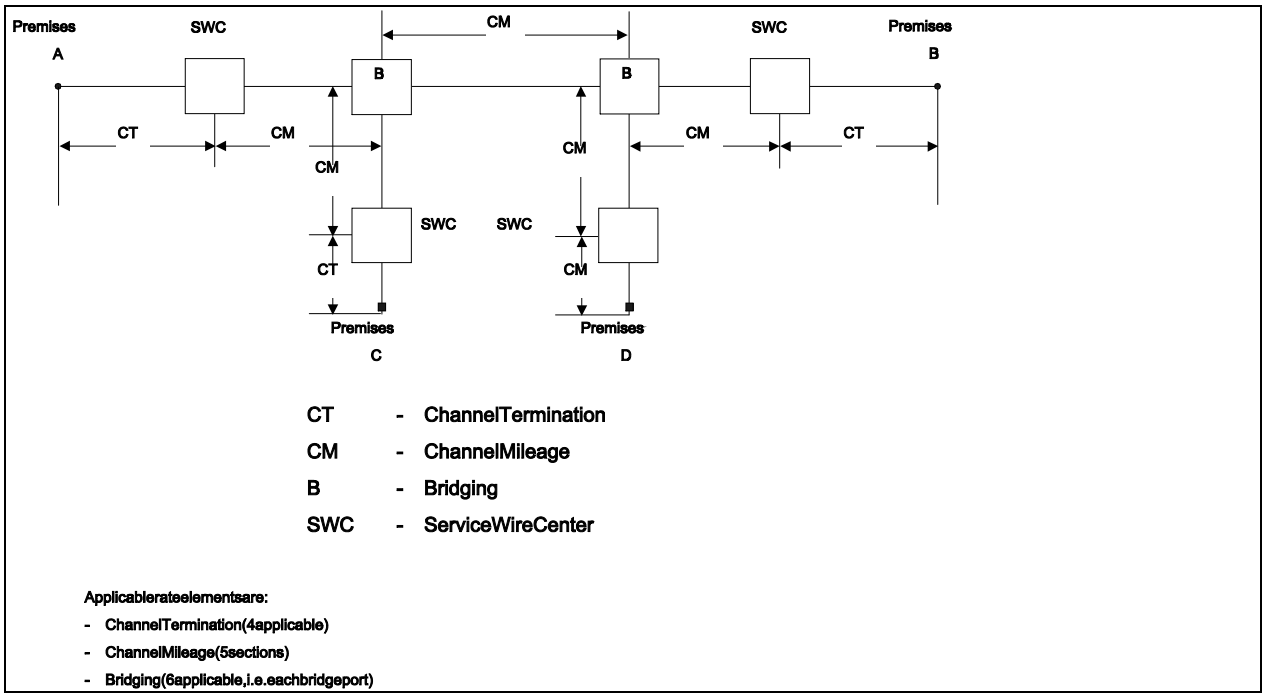
7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.3 Service Configurations (Cont'd)

(B) Multipoint Service (Cont'd)

Example: Voice Grade multipoint service connecting four Non-Competitive End User Channel Terminations via two customer specified bridging hubs. The rate elements under this tariff are the Non-Competitive End User Channel Terminations and any associated Bridging. (C) (N) | (N)



ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.4 Alternate Use

Alternate Use occurs when a service is arranged by the Telephone Company so that the customer can select different types of transmission at different times. A customer may use a service in any privately beneficial manner. However, where technical or engineering changes are required to effectuate an alternate use, the Telephone Company will make such special arrangements available on an individual case basis.

The arrangement required to transfer the service from one operation to the other (i.e., the transfer relay and control leads) will be rated and provided on an individual case basis and filed in Section 12, Specialized Service or Arrangements. The customer will pay the stated tariff rates for the Access Service rate elements for the service ordered (i.e., Non-Competitive End User Channel Terminations and Optional Features [if any]. (C) (D)

7.1.5 Special Facilities Routing

A customer may request that the facilities used to provide Special Access Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are set forth in this section and in 11. following:

7.1.6 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the make-up of the facilities and services provided under this tariff as Special Access Service to aid the customer in designing its overall service. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.7 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters:

(A) For Voice Grade analog and WATS Access Line services, acceptance tests will include test for loss, 3-tone slope, DC continuity, operational signaling, C-notched noise and C-message noise when these parameters are applicable and specified in the order for service. Additionally, for Voice Grade services, a balance (improved loss) test will be made if the customer has ordered the improved loss optional feature.

(B) For other analog services and for digital services (i.e., Digital Data High Capacity) acceptance tests will include tests for the parameters applicable to the service as specified in the order for service. (D)

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade Service to test other parameters, as described in 13.3.4(B)(1) following, is available at the customer's request. All test results will be made available to the customer upon request.

7.1.8 Ordering Options and Conditions

Special Access Service is ordered under the Access Order provisions set forth in 5. preceding. Also included in that section are other charges which may be associated with ordering Special Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.9 Special Access Surcharge

In addition, a Special Access Surcharge as set forth in 7.5.14 following will apply to jurisdictionally interstate private line facilities provided by the Telephone Company to a customer, in accordance with regulations as set forth in 7.4.2 following.

7.1.10 Connections with Other Network Services

Special Access Service may be ordered to allow connections between the end user premises and serving wire center which provides Other Network Services.

7. Special Access Service (Cont'd)

7.2 Service Descriptions

For the purposes of ordering, these are the categories of Special Access Service: (T) (T)

Voice Grade (VG)
WATS Access Connection (WAC)

(D)

Digital Data (DA)
High Capacity (HC)

Each service consists of a basic channel to which a technical specifications package (customized or predefined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Each of the components of the service are described in this section.

Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be given an estimate of the hours to be billed before any further action is taken on the order.

The channel description specifies the characteristics of the basic channel and indicates whether the channel is provided between customer designated premises or between a customer designated premises and a Telephone Company Hub where bridging or multiplexing functions are performed.

Information pertaining to the technical specifications packages indicates the transmission parameters that are available with each package. This information is displayed in a matrix with the transmission parameters listed down the left side and the packages listed across the top. Each package is identified by a code, e.g., VGC. The first two letters of the code indicate the category of Special Access Service to which the parameters are applicable. These two letter codes are shown above in parentheses following the category of Special Access Service. The letter "C" following the two letter code indicates the technical specifications package for a customized service. A numeric or alpha-numeric designation following the two letter code indicates the specific predefined package. For a customized service, the customer may select any parameters available with that category of service as long as the parameters are compatible. When appropriate, the Technical Reference which contains detailed specifications for the parameters is shown following the matrix.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

Channel interfaces at each point of termination on a two-point service may be symmetrical or asymmetrical. On a multipoint service they may also be symmetrical or asymmetrical. However, communications can only be provided between points of termination with compatible channel interfaces. Only certain channel interfaces are compatible. These are set forth in 7.3.5 following in a combination format.

Only certain channel interface combinations are available with the predefined technical specifications packages. These are delineated in the Technical References set forth at the end of this 7.2. When a customized channel is requested, all channel interface combinations available with the specified type of service are available with the customized channel.

The optional features and functions available with each type of Non-Competitive End User Channel Termination are described in this section. The optional features and functions information also indicates with which technical specifications packages they are available. Such information is displayed in a matrix with the optional feature or function listed down the left side and the technical specifications package listed across the top. (C) (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this tariff except that the existing services with performance specifications exceeding the standard listed in this provision will be maintained at the performance levels specified in this tariff. All services installed after the effective date of this tariff will conform to the transmission specifications standards contained in this tariff or in the following Technical References for each category of service:

| | | |
|---|---|---|
| Voice Grade | TR-NWT-000335, Issue 3 | (D) |
| WATS Access Line | GR-334-CORE, Issue 1 | (D) |
| | | (D) |
| | | (D) |
| | | (D) |
| | | (D) |
| | | (D) |
| | | (D) |
| | | (D) |
| | | (D) |
| Digital Data | TR-NWT-000341, Issue 2 | |
| Secondary Channel | TR-NPL-000157, Issue 2<br>PUB 62310 | (T)(x) |

(x) TR-NPL-000157, Issue 2 replaces TR-NPL-000157, Issue 1 in its entirety.



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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

| | | |
|---|---|---|
| High Capacity | GR-54-CORE, Issue 1<br>GR-342-CORE, Issue 1<br>GR-499-CORE, Issue 4 | (T)(x)<br>(D)<br>(D) |

(x) GR-499-CORE, Issue 4, replaces GR-499-CORE, Issue 3, in its entirety.

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.2 Service Descriptions (Cont'd)
7.2.1 Reserved for Future Use (C) (D)

(D)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.2 Service Descriptions (Cont'd)
7.2.2 Reserved for Future Use (C) (D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service#

(A) Basic Channel Description

A Voice Grade channel is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated as analog two-wire or four-wire, or, where facilities permit, as a four-wire in a digital format when used in conjunction with another Voice Grade Channel Termination at the other end. Voice Grade channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

# Service availability limited. Refer to # footnote on Page 14-112. (N)

Certain material previously found on this page can now be found on Original Page 14-112.

ACCESS SERVICE

7. Special Access Service (Cont'd)

Material previously found on this page can now be found on Original Page 14-112.



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ACCESS SERVICE

7. Special Access Service (Cont'd)

Material previously found on this page can now be found on Original Page 14-112.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service# (Cont'd)

(B) Technical Specifications Packages

| | | Package VG- | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parameter | C* | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Attenuation Distortion | X | X | X | X | X | X | X | X | X | X | X | X | X |
| C-Message Noise | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Echo Control | X | X | X | X | | X | | X | X | | | X | X |
| Envelope Delay Distortion | X | | | | | | X | X | X | X | X | X | X |
| Frequency Shift | X | | | | | | X | X | X | X | X | X | X |
| Impulse Noise | X | | | | | X | X | X | X | X | X | X | X |
| Intermodulation Distortion | | X | | | | | | X | X | X | X | X | X |
| Loss Deviation | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Phase Hits, Gain Hits, and Dropouts | | | | | | | | | | | | | X |
| Phase Jitter | | X | | | | | | X | X | X | X | X | X |
| Signal-to-C Message Noise | | | | | | | | | | | | | X |
| Signal-to-C Notch Noise | X | | | | | X | X | X | X | X | X | X | X |

* The desired parameters are selected by the customer from the list of available parameters.

\# Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service# (Cont'd)

(B) Technical Specifications Packages (Cont'd)

The technical specifications for these parameters (except for dropouts, gain hits, and phase hits) are delineated in Technical Reference TR-NWT-000335, Issue 3.

(C) Channel Interfaces

The following channel interfaces for Voice Grade service do not require signaling capability: AH, DA, DB, DD, DE, DS, NO, PR and TF.

The following channel interfaces for Voice Grade service require signaling capability: AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF.

Compatible channel interfaces are set forth in 7.3.5(C) following.

(D) Optional Features and Functions

(1) Central Office Bridging Capability

(a) Voice Bridging (two-wire and four-wire)

(b) Telephoto Bridging (two-wire and four-wire)

# Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service# (Cont'd)

(D) Optional Features and Functions (Cont'd)

(1) Central Office Bridging Capability (Cont'd)

(e) Telemetry and Alarm Bridging

Split Band, Active Bridging

Active Bridging

(2) Reserved

(3) Conditioning

Conditioning provides more specific transmission characteristics for Voice Grade services. C-Type conditioning controls attenuation distortion and envelope delay distortion. Sealing Current helps maintain continuity on dry metallic loops.

In addition, a customer may require that either the attenuation distortion or the envelope delay distortion, or both, be improved to more stringent specifications than those provided for C-Type conditioning. In these cases the customer has the option of ordering either Improved Attenuation Distortion or Improved Envelope Delay Distortion, or both, as needed.

For two-point services, the parameters apply to each service. For multipoint services, the parameters apply to each mid link or end link. C-Type conditioning and Data Capability may be combined on the same service.

# Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service# (Cont'd)

(D) Optional Features and Functions (Cont'd)

(3) Conditioning (Cont'd)

(a) C-Type Conditioning

C-Type Conditioning is provided for the additional control of attenuation distortion and envelope delay distortion on data services. The attenuation distortion and envelope delay distortion specifications for C-Type Conditioning are:

Attenuation Distortion (Frequency Response) Relative to 1004 Hz

| Frequency Variation Range (Hz) | (dB) |
|---|---|
| 504-2804 | -1.0 to +3.0 |
| 304-3004 | -2.0 to +6.0 |

| Envelope Delay Distortion Frequency Range (Hz) | Variation (micro-seconds) |
|---|---|
| 1004-2604 | ≤ 500 |
| 604-2604 | ≤ 1500 |
| 504-2804 | ≤ 3000 |

# Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service# (Cont'd)

(D) Optional Features and Functions (Cont'd)

(3) Conditioning (Cont'd)

(b) Improved Attenuation Distortion

Improved attenuation distortion is provided for additional control of attenuation distortion. The improved attenuation distortion specifications are:

| Attenuation Distortion (Frequency Response) Relative to 1004 Hz | |
|---|---|
| Frequency Variation Range (Hz) | (dB) |
| 404-2804 | -1.0 to +2.0 |
| 304-3004 | -1.0 to +3.0 |
| 304-3204 | -2.0 to +6.0 |

(c) Improved Envelope Delay Distortion

Improved envelope delay distortion is provided for additional control of envelope delay distortion. The improved envelope delay distortion specifications are:

| Envelope Delay Distortion | |
|---|---|
| Frequency Range (Hz) | Variation (micro-seconds) |
| 1004-2604 | ≤ 100 |
| 804-2604 | ≤ 200 |
| 604-2604 | ≤ 300 |
| 504-2804 | ≤ 600 |
| 504-3004 | ≤ 3000 |

# Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service# (Cont'd)

(D) Optional Features and Functions (Cont'd)

(3) Conditioning (Cont'd)

(d) Sealing Current Conditioning

Sealing Current Conditioning is provided to help maintain continuity on dry metallic loops. It is usually associated with four-wire DA or NO type channel interfaces.

(4) Customer Specified Premises Receive Level

This option allows the customer to specify the receive level at the Point of Termination. The level must be within a specific range on effective four-wire transmission. The ranges are delineated in Technical Reference TR-NWT-000335, Issue 3.

# Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service# (Cont'd)

(D) Optional Features and Functions (Cont'd)

(5) Improved Termination and Improved Return Loss

(a) Improved Termination - On Effective Four-Wire Transmission at Four-Wire Point of Termination (applicable to each two-wire port): Provides for a fixed 600 ohm impedance, variable level range and simplex reversal. Telephone Company equipment is required at the customer's premises where this option is ordered. The Improved Termination parameters are delineated in Technical Reference TR-NWT-000335, Issue 3.

(b) Improved Return Loss - On Effective Two-Wire Transmission at Two-Wire Point of Termination: Provides for more stringent Echo Control Specifications. In order for this option to be applicable, the transmission path must be four-wire at one POT and two-wire at the other POT. Placement of Telephone Company equipment may be required at the customer's premises with the two-wire POT. The Improved Return Loss parameters are delineated in Technical Reference TR-NWT-000335, Issue 3.

(6) Data Capability

Data Capability provides transmission characteristics suitable for data communications. Specifically, Data Capability provides for the control of Signal to C-Notched Noise Ratio and intermodulation distortion. It is available for two-point services or multipoint services.

The Signal to C-Notched Noise Ratio and intermodulation distortion parameters for Data Capability are:

- Signal to C-Notched Noise Ratio is equal to or greater than 32dB

# Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service# (Cont'd)

(D) Optional Features and Functions (Cont'd)

(6) Data Capability (Cont'd)

- Intermodulation distortion:
- Signal to second order modulation products (R2) is equal to or greater than 38dB
- Signal to third order modulation products (R3) is equal to or greater than 42dB

When a service equipped with Data Capability is used for voice communications, the quality of the voice transmission may not be satisfactory.

(7) Reserved.

# Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service# (Cont'd)

(D) Optional Features and Functions (Cont'd)

(8) Signaling Capability

Signaling Capability provides for the process by which one customer premises alerts another customer premises on the same service with which it wishes to communicate.

(9) Reserved

(10) Reserved

The following table shows the technical specifications packages with which the optional features and functions are available.

| | Available with Technical Specifications Package VG- | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| C-Type Conditioning | X | | | | | X | X | X | X | X | X | | |
| Central Office Bridging Capability | X | | X | | | X | X | | | | X | X | X |

# Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service# (Cont'd)

(D) Optional Features and Functions (Cont'd)

| | Available with Technical Specifications Package VG- | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Data Capability | X | | | | | | X | X | | | X | | |
| Improved Termination For Effective Four-Wire Transmission | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Improved Return Loss For Effective Two-Wire Transmission | X | X | | X | X | | | X | | | | | |
| Sealing Current Conditioning For Effective Four-Wire Transmission | X | | | | | X | X | | | | X | | |
| Signaling Capability | X | X | X | X | | | | X | X | X | | | |

(11) Effective Four-Wire Transmission with Two-Wire Interface

When a customer requests that an effective Four-Wire channel be terminated with a Two-Wire interface at the customer designated premises, then this optional feature applies. Placement of Telephone Company Equipment (Hybrid) is required at the customer's premises to convert the Four-Wire channel to the Two-Wire POT. When this option is ordered, a Four-Wire channel termination charge applies. Per the voice grade technical references, certain voice grade service are always provisioned as Four-Wire services and will be billed as a Four-Wire Channel Termination.

(C)

# Service availability limited. Refer to # footnote on Page 14-112.

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.2 Service Descriptions (Cont'd)
7.2.3.1 WATS Access Line Service#
(A) Basic Channel Description

A WATS Access Line Service is a channel which provides voice frequency transmission capability. The service provides customer premise to customer premise connection through the combination of a WATS Access Connection (WAC), a dedicated channel between the customer's end user's premises and a WATS Serving Office (WSO) equipped with Lineside BSA or Trunkside BSAs service as set forth in Section 6 preceding. The WAC is dedicated to one customer who has the ability to transport traffic interstate.

Certain material previously found on this page can now be found on Original Page 14-112.

# Service availability limited. Refer to # footnote on Page 14-112. (N)



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ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

Material previously found on this page can now be found on Original Page 14-112.

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.2 Service Descriptions (Cont'd)

(D)

(D)



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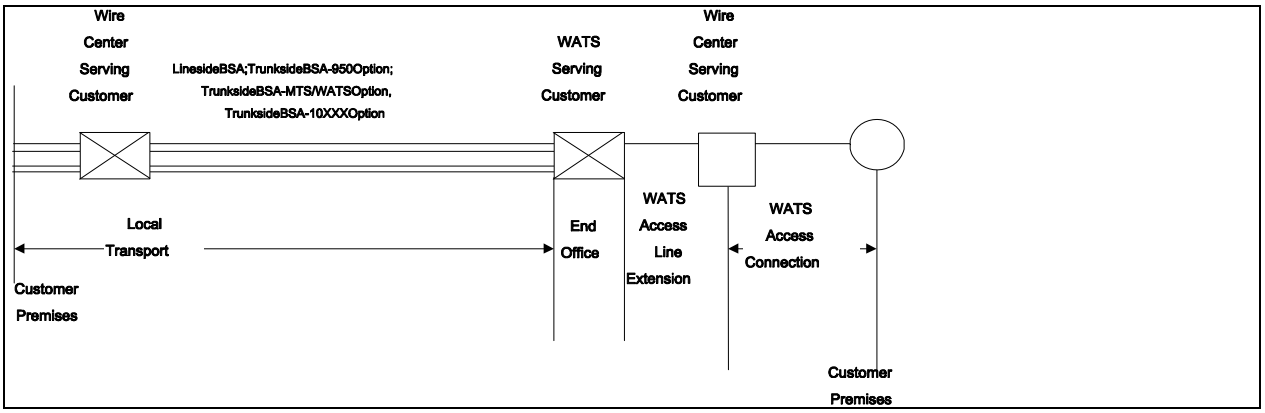
ACCESS SERVICE

7. Special Access Service (Cont'd)
7.2 Service Descriptions (Cont'd)
7.2.3.1 WATS Access Line Service# (Cont'd)
(A) Basic Channel Description (Cont'd)

The WAC is comprised of a Channel Termination from the customer's end user serving wire center to the customer's end user premises.




WATS Access Line Service is service arranged for originating, terminating or two way transmission to or from an end user's premises at the option of the customer. It is provided with rotary dial or dual tone multifrequency address signaling and with either loop start or ground start signaling. Two way WATS Access Line Service is subject to recording capability and central office capacity.

# Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3.1 WATS Access Line Service# (Cont'd)

(A) Basic Channel Description (Cont'd)

Originating only and Two Way (originating only) WATS Access Line Service customers, at their option and at no charge, may be provided access to test lines in their local central office to test the WATS Access Connection. Access to two types of lines is available, balance (Type 100) and milliwatt (Type 102). Where available, this feature is only provided in Telephone Company electronic end offices in which WATS Access Connections are provided.

(B) Technical Specifications Packages

| | Packages WAL - | | |
|---|---|---|---|
| Parameters | 1 | 2 | 3 |
| Attenuation Distortion | X | X | |
| Bit Error Rate | | | X |
| C-Message Noise | X | X | |
| Echo Control | X | X | |
| Envelop Delay Distortion | X | X | |
| Frequency Shift | X | X | |
| Impulse Noise | X | X | |
| Intermodulation Distortion | X | X | |
| Loss Deviation | X | X | |
| Phase Jitter | X | X | |
| Signal-to-C Notch Noise | X | X | |

WACs are offered as either effective two-wire, effective four-wire, high capacity or improved two-wire access connections. The technical limitations are delineated in Technical Reference GR-334-CORE, Issue 1.

# Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3.1 WATS Access Line Service# (Cont'd)

(C) Channel Interfaces

Compatible channel interfaces are set forth in 7.3.5(D) following.

(D) Optional Features and Functions

(1) Central Office Bridging Capability

(a) Voice Bridging (two-wire and four-wire)

(2) Improved Two-Wire Transmission Specifications

# Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3.1 WATS Access Line Service# (Cont'd)

(E) Service Provision Restrictions

The provision of WATS Access Line Service, as described in (A), (B), (C) and (D) preceding, is subject to individual state restrictions governing the provision of intrastate access services and intrastate competition in general. Individual state restrictions are as follows:

(1) State of New Jersey

Interexchange carriers are not authorized to offer intrastate intraLATA WATS Service in New Jersey by order of the New Jersey Board of Public Utilities. Intrastate intraLATA calling must conform to the rules and regulations of the New Jersey Board of Public Utilities. Originating intrastate intraLATA WATS calls are subject to blocking or completion by Verizon New Jersey Inc., as directed or allowed by the New Jersey Board of Public Utilities. Terminating intrastate interLATA (Toll Free*) calls should be returned by the customer to Verizon New Jersey Inc. for completion, or if this is not possible due to technical limitations and such calls are completed, billing information should be returned to Verizon New Jersey Inc. to allow Verizon New Jersey Inc. to bill such calls as its own traffic.

* "Toll Free" service includes any access service which utilizes the following NPA's: 800, 888, 877, 866, 855, 844, 833, and 822 as they become available to the industry.

\# Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3.1 WATS Access Line Service# (Cont'd)

(E) Service Provision Restrictions

(2) State of Virginia

Interexchange carriers are not authorized to offer intraLATA WATS Service in Virginia by order of the Virginia State Corporation Commission. IntraLATA WATS calls will either be blocked, or diverted to Verizon Virginia LLC for completion, at the customer's option.

(F) WATS Access Line Extensions (WALE)

When WATS Access Line Service is ordered to the end office that normally serves the customer and that office is without WATS screening capability, service is provided from the nearest end office with WATS screening capability (WSO).

# Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.4 Reserved for Future Use (C)

(D)

(D)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.5 Reserved for Future Use (C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)
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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)



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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.6 Reserved for Future Use (C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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(T)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.7 Reserved for Future Use (C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.2 Service Descriptions (Cont'd)
7.2.8 Digital Data Service#
(A) Basic Channel Description

A Digital Data channel is a channel for duplex transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 19.2, 56 or 64 kbps. The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. Digital Data channels are only available via Telephone Company designated hubs and are provided between customer designated premises between a customer designated premises and a Telephone Company Hub, or between a customer designated premises and a wire center where connection to an advanced data service## occurs. Subrating is not available at the 19.2 kbps speed and the 64 kbps speed requires B8ZS Line Code Formatted Signal.

# Service availability limited. Refer to # footnote on Page 14-112. (N)

## Advanced data services include frame relay services and ATM-cell relay services.



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ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.8 Digital Data Service# (Cont'd)

(B) Technical Specifications Packages

| Parameter | Package DA-1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| Error-Free Seconds | X | X | X | X | X | X |

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875% error-free seconds while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in Technical Reference PUB 62310.

Voltages which are compatible with Digital Data Service are delineated in Technical Reference TR-NWT-000341, Issue 2.

Channel Interface requirements necessary for Secondary Channel Capability are contained in Technical Reference TR-NPL-000157, Issue 2.

# Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.8 Digital Data Service# (Cont'd)

(C) Channel Interfaces

The following channel interfaces (CIs) define the bit rates that are available for a Digital Data channel:

| CI | Bit Rate |
|---|---|
| DU-24 | 2.4 kbps |
| DU-48 | 4.8 kbps |
| DU-96 | 9.6 kbps |
| DU-19 | 19.2 kbps |
| DU-56 | 56.0 kbps |
| DU-64 | 64.0 kbps |

Compatible channel interfaces are set forth in 7.3.5(I) following.

(D) Optional Features and Functions

(1) Central Office Bridging Capability

(2) Reserved

(3) Secondary Channel

Secondary Channel (SC) is an optional arrangement which provides a derived lower speed Digital Data companion channel which is independent of the primary Digital Data Service channel. SC allows customers to perform Network Management, diagnostic and maintenance applications on their Digital Data Networks.

# Service availability limited. Refer to # footnote on Page 14-112. (C)

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.8 Digital Data Service# (Cont'd)

(D) Optional Features and Functions (Cont'd)

(3) Secondary Channel (Cont'd)

Secondary Channel is provided only at the 2.4, 4.8, 9.6 and 56 kbps DDS speeds and is available as a point-to-point or multipoint service except for multipoint service at 56 Kbps. Due to transmission equipment restrictions, SC cannot be provided on 56 Kbps circuits that require the installation of Loop Repeater equipment.

The Secondary Channel option is only available on new orders for service. The addition of SC to an existing Digital Data Service will be treated as a disconnect of the existing service and a new connect for the service with SC.

The Technical specifications for this feature are as described in Technical Reference TR-NPL-000157, Issue 2. The bit rates of the SC are as shown in the following table:

| Digital Data Channel Transmission Speed | Secondary Channel Transmission Speed |
|---|---|
| 2.4 Kbps | 133 bps |
| 4.8 Kbps | 266 bps |
| 9.6 Kbps | 533 bps |
| 56.0 Kbps | 2.666 Kbps |

The following table shows the technical specifications packages with which the optional features and functions are available.

| | Available with Technical Specifications Package DA- | | | |
|---|---|---|---|---|
| | 1 | 2 | 3 | 4 |
| Central Office Bridging Capability | X | X | X | X |
| Secondary Channel | X | X | X | X |

# Service availability limited. Refer to # footnote on Page 14-112. (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.2 Service Descriptions (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service

(A) Basic Channel Description

A High Capacity channel is a channel for the digital transmission of 1.544 or 44.736 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. High Capacity channels are provided between customer designated premises, between a customer designated premises and a Telephone Company Hub, between a customer designated premises and a wire center where connection to an advanced data service# occurs. High Capacity channels may also be connected to the following Telephone Company provided services, provided that such connections are technically and operationally feasible, as determined by the Telephone Company: (D) (D)

in-service integrated optical service
in-service point to point SONET service

(1) DS1 High Capacity/1.544 Mbps Service

DS1 service (a 1.544 Mbps facility) is provided with an electrical interface.

(D)
|
|
|
(D)

(2) DS3 High Capacity/44.736 Mbps Services

DS3 service is available in standard channel termination configurations and is provided with an electrical interface.

# Advanced data services include frame relay services and ATM-cell relay services.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(A) Basic Channel Description (Cont'd)

(2) DS3 High Capacity/44.736 Mbps Services (Cont'd)

DS3 channels can be connected at the wire center serving that premises to individual terminating DS3 channels, individual DS3 channels for multiplexing at designated Hubs, or to other DS3 services for multi-DS3 premises-to-premises connections. DS3 Channel Mileage and the DS3 to DS1 multiplexing function are detariffed. (D) (C)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(B) Technical Specifications Packages

| Parameter | Package HC-0 | HC-1 | HC-1C | HC-3 |
|---|---|---|---|---|
| Error-Free Seconds | | | | X |

(C) Channel Interfaces

Compatible channel interfaces are set forth in 7.3.5(J) following. The following channel interfaces (CIs) define the bit rates that are available for a High Capacity channel:

| CI | Bit Rate |
|---|---|
| DS-15 | 1.544 Mbps (DS1) |
| DS-44 | 44.736 Mbps (DS3) |

(D) Optional Features and Functions

(1) Reserved. (C) (D) (D)



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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(2) Reserved. (C)

(D)

(D)

(3) Central Office Multiplexing

Central Office Multiplexing is detariffed. (N)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(D)

(D)

(4) Clear Channel Capability (CCC)

(a) CCC is an arrangement that allows a customer to transport 1.536 Mbps information rate signals over a 1.544 Mbps High Capacity channel or a 1.544 Mbps High Capacity channel subtending from a multiplexed 44.736 Mbps High Capacity channel with no constraint on the quantity or sequence of ones (mark) and zero (space) bits. This arrangement requires the customer signal at the channel interface to conform to Bipolar with Eight Zero Substitution (B8ZS) line code as described in Technical References GR-54-CORE, Issue 1, and GR-342-CORE, Issue 1.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(4) Clear Channel Capability (CCC) (Cont'd)

(b) CCC is provided on 1.544 Mbps High Capacity channels between two customer designated premises and on multiplexed 44.736 High Capacity channels or multiplexed 1.544 High Capacity channels* between a telephone company Hub office and a customer designated premises, and is subject to the availability of facilities.

(c) The optional feature may be ordered at the same time the High Capacity service is ordered or it may be ordered as an addition to an existing High Capacity service. Customers must agree to out-of-service periods required to add this feature to an existing High Capacity service.

* Available only in a DS1-to-Digital Multiplexed Configuration.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(5) Extended Superframe Format

Extended Superframe Format is an optional feature that passes a customer provided framing format for 1.544 Mbps High Capacity service. Extended Superframe Format extends the customer's 1.544 Mbps framing structure from 12 to 24 frames and divides the 8 Kbps 193rd bit position pattern into three distinct functionalities: 2 kbps for frame synchronization, 2 kbps for cyclic redundancy checking, and 4 kbps used for performance monitoring information.

Certain material previously found on this page can now be found on Original Page 7-70.2.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(6) Shared Network Arrangement

(a) A Shared Network Arrangement is a service offering that enables a customer (the "Service User") to connect subtending services to the multiplexed High Capacity service or IntelliMux® service of another customer (the "Host Subscriber"), with the Telephone Company maintaining separate records and billing for each. Each customer will be billed for those rate elements associated with his own portion of the service configuration. Under no circumstances will the rates or charges for individual rate elements be split. This offering is limited to service configurations where a Service User obtains either subtending Voice Grade or Digital Data Service circuits from a Host's multiplexed DS1 service, or DS1 circuits from a Host's multiplexed DS3 service. (D)

(b) Under the Shared Network Arrangement, the Telephone Company may share with the host subscriber record information pertaining to the services of other users of the shared network. Such disclosure will be under the sole discretion of the Telephone Company as is necessary to perform billing reconciliations and/or other functions required in connection with maintaining account records.

(c) Section 7.4.14 contains rate regulations specific to Shared Network Arrangements.

(D)
(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions

(7) Alternate Serving Wire Center

(a) Alternate Serving Wire Center (ASWC) is an optional feature which provides a transmission path for a High Capacity Service between the customer's designated premises and a serving wire center separate from the normal serving wire center.

(b) The Telephone Company will designate the serving wire center to be used as the alternate. The ASWC feature is available where contiguous wire centers with adjacent fiber feeder routes exist. Where facilities are not available, Special Construction rates and regulations may apply as set forth in the appropriate Special Construction tariff. Where service is available, provisioning is based on a Negotiated Interval as described in 5.2.1(B) preceding.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

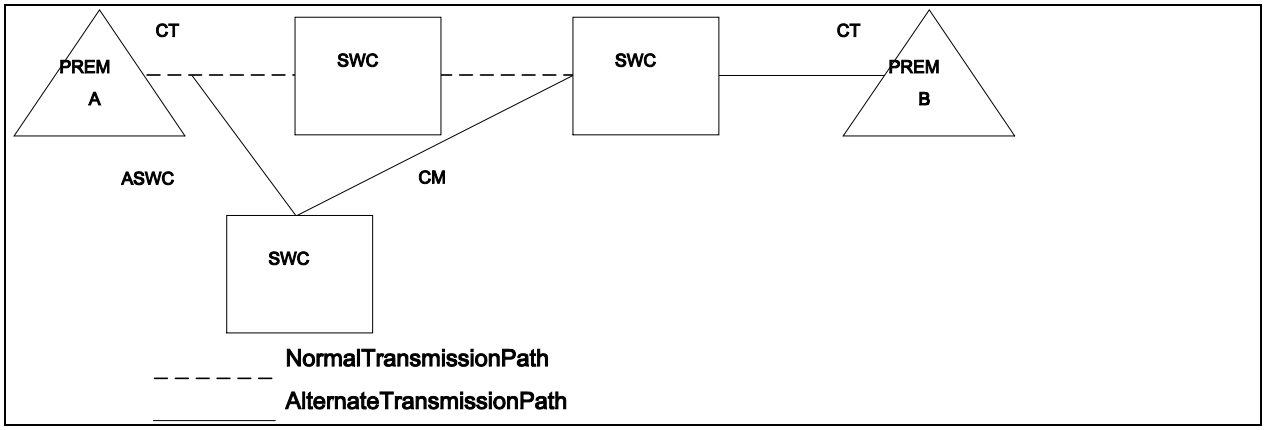
7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(7) Alternate Serving Wire Center (Cont'd)

(c) The monthly rate for Alternate Serving Wire Center associated with a Non-Competitive End User Channel Termination, as specified in 7.5.9(C)(5) following, applies per point of termination, and is in addition to the Channel Terminations and Channel Mileage rates and charges for each High Capacity service provided over the alternate path. (D) (D) (D)

Example: Rate application for a High Capacity service connecting two Non-Competitive End User Channel Terminations via ASWC.




| Rate Elements | Applicable Charges |
|---|---|
| 2 Channel Terms (CT) | Monthly and nonrecurring |
| Channel Mileage (CM) (detariffed) | Monthly |
| 1 ASWC | Monthly |

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

The following table shows the technical specifications packages with which the optional features and functions are available.

| | Available with Technical Specifications Package HC- | | | | |
|---|---|---|---|---|---|
| | 0 | 1 | 1C | 3 | (D) |
| Clear Channel Capability | | X | | X | (D) |
| Extended Super Frame Format | | | | X | (D) |

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.10 Reserved for Future Use (C)

(D)

(D)



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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.11 Reserved for Future Use (C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

(D)

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.12 IntelliMux® Service

IntelliMux® Service is detariffed. (N)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.2 Service Descriptions (Cont'd)
7.2.13 Reserved for Future Use (C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)



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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 Reserved for Future Use (C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(A) General (Cont'd)

Technical specifications are delineated in the following Technical References: (T) (T)

GR-253-CORE, Issue 4 (C)(x)
"Synchronous Optical Network (SONET) Transport Systems: Common Generic Criteria"

GR-1374-CORE, Issue 1 (T)
"SONET Inter-Carrier Interface Physical Layer Generic Criteria for Carriers"

ANSI T1.105.01-2000 (R2005) (C)(x)
"Synchronous Optical Network (SONET) - Basic Description including Multiplex Structure, Rates and Formats"

IEEE 802.3-2005/Cor2/D2.0-2007, Telecommunications and information exchange between systems-Local and Metropolitan Areas Networks-Specific Requirements-Part 3. (C)(x)

IEEE 802.3z-1998, Supplement to Standard for Information Technology-Local and Metropolitan Area Networks, Part 3. (C)(x)

(x) GR-253-CORE, Issue 4, replaces GR-253-CORE, Issue 3, in its entirety.
IEEE 802.3-2005/Cor2/D2.0-2007 replaces ANSI X3.802.3 in its entirety.
IEEE 802.3z-1998 replaces ANSI X3.802.3z in its entirety.
ANSI T1.105.01-2000 (R2005) replaces ANSI T1.105-1995 in its entirety.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(B) Definitions

Add/Drop Multiplexing, (ADM): a multiplexing function that allows lower level signals to be added or dropped from an optical carrier channel.

Customer Access Ring, (CAR): a survivable fiber ring that is constructed through at least two Central Offices/Wire Centers. Cars utilize unidirectional path-switched ring ADMs, typically operating at OC3 and OC12 rates.

Enhanced DSR node: See also the definition of Node following. An (T)
enhanced DSR node, available after March 20, 2003, provides (T)
additional feature functionality that is not available with the
existing first-generation DSR nodes. Enhanced DSR nodes are capable (T)
of supporting DS1 and Gigabit Ethernet ports at the OC12, OC48 and
OC192 levels.

Fiber path diversity: the provision of service using at least two fibers placed on physically separate paths, i.e., different conduit runs that do not pass through the same manhole(s). The cable paths are separated by at least 25 feet.

High Speed Interface: a DSR or IOTS rate element on a partial ring (T)
service that allows high speed interconnection of the Company's
facilities to the facilities of the customer or of a third party.
High speed interconnection is provided at a fiber meet location that
is mutually agreed upon by the Company and the customer.

Node: a DSR rate element and a designation of either a customer (T)
location or Company wire center on a SONET ring that has ADM
capability. It is also the address of where a channelized (lower
speed) service originates or terminates on a ring. Generally, the
ring capacity determines the type of node. For DSR, see also (T)
Enhanced DSR node. (T)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(B) Definitions (M)

Optical Carrier Rate, (OC #): a SONET transmission signal/speed, line rate, or service. The rates are in multiples of an OC1, which is equivalent to an STS1 (51.84 Mbps), SONET's basic rate.

| OC(#) Rate | Bandwidth Capacity |
|---|---|
| 3 | 155.52 Mbps |
| 12 | 622.08 Mbps |
| 48 | 2.488 Gbps |
| 192 | 9.952 Gbps |

Optical Carrier Rate Concatenated, (OC#c): a "clear channel" SONET transmission using only one framing format. Generally, an OC3 signal provides three STS1s frame formats with 3 overheads for a total capacity of 2268 bytes per Synchronous Payload envelope (SPE) frame; in an OC3c signal, one STS3c frame format is used with one overhead, increasing the total payload capacity to 2340 bytes per SPE frame. (M)

Material now shown on this page previously appeared on Page 7-99.



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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(B) Definitions (Cont'd)

OC12/3, (OC12 over 3): a node designation that denotes a ring line rate of OC12, but with port interface capability and capacity equal to OC3. An OC12 DSR could have one, some or all OC12/3 nodes.

OC12+3, OC48+3,OC192+3,OC192+12,and OC192+48: designations for nodes in ring-on-ring designs; the higher speed ADM is part of the true ring, and the lower speed ADM is connected for the purpose of mapping lower speed services onto the STS1s of the OC12, OC48 or OC192. Both nodes, the lower and higher speed node, of a ring-on-ring arrangement must be located in the same customer premises or wire center.

Port: a DSR rate element that denotes the interface at which a channelized or lower speed service terminates or originates at a DSR node.

Port Node: an arrangement on a DSR that interconnects the main DSR ring with a subtending DSR ring. (N) (N)

SONET, (Synchronous Optical NETwork): an international standard for the transmission of high capacity bandwidth over optical facilities. This synchronous transmission platform utilizes a modular multiplexing approach. Because of the large bandwidth, some of the payload is used to monitor, protect, manage and improve the transmission of the signal.

Subtending Ring: a DSR Service that subtends (interconnects with) a DSR main ring. (N) (N)

Synchronous Transport Signal Level, (STS1): a 51.84 Mbps signal that is the electrical equivalent of the OC1 or a DS3 with additional Mbps devoted to SONET overhead information. An STS1 can carry a DS3 or 28 DS1s when specifically formatted (Mapped). These DS1s may be accessed off-ring using the tariffed DS3 to DS1 multiplexing optional service or at an enhanced node via a DS3 Transmux port.

Transmuxing: the function of a DSR DS3 Transmux port that performs a DS3 to DS1 conversion at a DSR Enhanced Node. The DS3 to DS1 conversion allows a single DSR DS3 Transmux port (which includes a DS3 Transmux Facility to which the DS1 circuits are mapped) to be a facility associated with up to twenty-eight (28) VT1.5 mapped DSR DS1 ports. Such DS3 Transmux Facility will be provisioned upon ordering the associated DS1 Transmux port. Transmuxing within the DSR network retains DS1 visibility allowing for full, proactive maintenance capability of the DS1 signals.

Virtual Tributary, (VT): A SONET structure designed for transport of sub-STS1 payloads. A DS1 is mapped into the SONET format using a VT1.5 as a packaging mechanism that is internal to the SONET signal.



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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions

(1) Reserved (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

(1) Reserved (Cont'd) (T)

Certain material previously appearing on this page currently appears in Section 23.1 following

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight Services (Cont'd)

(C) Service Descriptions (Cont'd)

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Certain material previously appearing on this page currently appears in Section 23.1 following

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.14 IntelliLight℠ Services (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes

This section explains the Channel Interface codes and Network Channel codes that the customer must specify when ordering Special Access Service. Included is an example which explains the specific characters of the code, a glossary of Channel Interface codes, impedance levels, Network Channel codes and compatible Channel Interfaces.

Example: If the customer specifies a MT Network Channel Code and a 2DC8-3 Channel Interface at the customer's premises, the following is being requested:

MT = Metallic Channel with a Predefined Technical Specification Package (1)
2 = Number of physical wires at customer premises
DC = Facility interface for direct current or voltage
8 = Variable impedance level
3 = Metallic facilities (DC continuity) for direct current/low frequency control signals or slow speed data (30 baud)

7.3.1 Glossary of Channel Interface Codes and Options

| Code | Option | Definition | |
|---|---|---|---|
| | | | (D) |
| | | | (D) |
| AC - | | accepts 20 Hz ringing signal at customer's end user's point of termination | |
| AH - | | analog high capacity interface | |
| - | B | 60 kHz to 108 kHz (12 channels) | |
| - | C | 312 kHz to 552 kHz (60 channels) | |
| - | D | 564 kHz to 3084 kHz (600 channels) | |
| CT - | | Centrex Tie Trunk Termination | |
| CX - | | Digital Termination on a Switch | |
| DA - | | data stream in VF frequency band at customer's end user's point of termination | |
| | | | (D) \| \| \| (D) |
| DC - | | direct current or voltage | |
| - | 1 | monitoring interface with series RC combination (McCulloh format) | (T) |
| - | 2 | Telephone Company energized alarm channel | |
| - | 3 | Metallic facilities (DC continuity) for direct current/low frequency control signals or slow speed data (30 baud) | |

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

| Code | Option | Definition | |
|---|---|---|---|
| DD - | | DATAPHONE Select-A-Station (and TABS) interface at customer's point of termination | |
| DE - | | DATAPHONE Select-A-Station (and TABS) interface at the customer's end user's point of termination | |
| DS - | | digital hierarchy interface | |
| - | 15 | 1.544 Mbps (DS1) format per PUB 62411 and Supplement A plus D4 | |
| - | 15B | 1.544 Mbps (DS1) format per PUB 62411 and Supplement A plus D4 with B8ZS clear channel capability | |
| - | 15E | 8-bit PCM encoded in one 64 Kbps of the DS1 signal | |
| - | 15F | 8-bit PCM encoded in two 64 Kbps of the DS1 signal | |
| - | 15G | 8-bit PCM encoded in three 64 Kbps of the DS1 signal | |
| - | 15H | 14/11-bit PCM encoded in six 64 Kbps of the DS1 signal | |
| - | 15J | 1.544 Mbps format per Technical Reference GR-54-CORE, Issue 1 | |
| - | 15K | 1.544 Mbps format per Technical Reference GR-54-CORE, Issue 1, plus extended framing format | |
| - | 15L | 1.544 Mbps (DS1) with SF signaling | |
| - | 15S | 1.544 Mbps (DS1) with B8ZS clear channel capability per Technical Reference Technical Reference GR-342-CORE, Issue 1, plus extended framing | (D) |
| | | | (D) |
| - | 44 | 44.736 Mbps (DS3) | |
| | 44A | 44.736 Mbps (DS3 unchannelized and C-Bit Parity per GR-342 | |
| | 44I | 44.736 Mbps (DS3) with C-Bit Parity format | |
| - | 44L | 44.736 Mbps (DS3) with SF signaling | |

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

| Code | Option | Definition | |
|---|---|---|---|
| DU | - | digital access interface | (M)(y) |
| | - 19 | 19.2 kbps | (M)(y) |
| | - 24 | 2.4 Kbps | (M)(y) |
| | - 24S | 2.4 Kbps with secondary channel | (M)(y) |
| | 48 | 4.8 Kbps | (M)(y) |
| | - 48S | 4.8 Kbps with secondary channel | (M)(y) |
| | 56 | 56.0 Kbps | (M)(y) |
| | - 56S | 56.0 Kbps with secondary channel | (M)(y) |
| | - 64 | 64.0 kbps | (M)(y) |
| | 96 | 9.6 Kbps | (M)(y) |
| | - 96S | 9.6 Kbps with secondary channel | (M)(y) |
| | - A | 1.544 Mbps format per Technical Reference GR-54-CORE, Issue 1 | (C)(x)(y)<br>(C)(x)(y) |
| | - B | 1.544 Mbps format per Technical Reference GR-54-CORE, Issue 1 plus D4 | (C)(x)(y)<br>(C)(x)(y) |
| | - D | 1.544 Mbps (DS1) format per Technical Reference GR-54-CORE, Issue 1, plus D4 with B8ZS clear channel capability | (C)(x)(y)<br>(C)(x)(y)<br>(M)(y) |
| | - C | 1.544 Mbps format per Technical Reference GR-54-CORE, Issue 1, plus extended framing format | (C)(x)(y)<br>(C)(x)(y) |
| | - S | 1.544 Mbps (DS1) with B8ZS clear channel Capability per Technical Reference GR-54-CORE, Issue 1, plus extended framing | (M)(y)<br>(C)(x)(y)<br>(M)(y) |

(x) GR-54-CORE, Issue 1, replaces PUB 62411, PUB 62411A, and TR-NPL-000054 in their entirety.

(y) Certain material currently appearing on this page previously appeared on Original Page 7-140

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

| Code | Option | Definition | |
|---|---|---|---|
| | | | (D) |
| | | | (D) |
| DY - | | duplex signaling interface at customer's end user's point of termination | |
| EA - | E | Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead. | |
| EA - | M | Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead. | |
| EB - | E | Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead. | |
| EB - | M | Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead. | |
| EC - | | Type III E&M signaling at customer POT | |
| EX - | A | tandem channel unit signaling for loop start or ground start and customer supplies open end (dial tone, etc.) functions. | |
| EX - | B | tandem channel unit signaling for loop start or ground start and customer supplies closed end (dial pulsing, etc.) functions. | (D) |
| GO - | | ground start loop signaling - open end function by customer or customer's end user | (D) |
| GS - | | ground start loop signaling - closed end function by customer or customer's end user | |
| - | C | Centrex foreign exchange termination | |
| - | M | for terminating in central office located answering service concentrator | |

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

| Code | Option | Definition | |
|---|---|---|---|
| IA - | | E.I.A. (25 pin RS-232) | |
| LA - | | end user loop start loop signaling - Type A OPS registered port open end | |
| LB - | | end user loop start loop signaling - Type B OPS registered port open end | |
| LC - | | end user loop start loop signaling - Type C OPS registered port open end | (D) |
| | | | \| |
| | | | (D) |
| LO - | | loop start loop signaling - open end function by customer or customer's end user | (D) |
| | | | (D) |
| LS - | | loop start loop signaling - closed end function by customer or customer's end user | |
| NO - | | no signaling interface, transmission only | |
| OP - | | Optical Parameter | |
| - | F | Facility | (D) |
| | | | \| |
| | | | \| |
| | | | \| |
| | | | (D) |

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.1 Glossary of Channel Interface Codes and Options (Cont'd)

| Code | Option | Definition | |
|---|---|---|---|
| PR - | | protective relaying* | |
| RV - | O | reverse battery signaling, one way operation, originate by customer | |
| - | T | reverse battery signaling, one way operation, terminate function by customer or customer's end user | |
| SF - | | single frequency signaling with VF band at customer's end user POT | (D) |
| SO - | | SONET/SONET Digital Hierarchy Optical Interface | |
| SN - | | SONET Network | |
| - | F | Facility | |
| TF - | | telephotograph interface | |

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* Available only for the transmission of audio tone protective relaying signals used in the protection of electric power systems during fault conditions.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

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7.3.2 Impedance

The nominal reference impedance with which the channel will be terminated for the purpose of evaluating transmission performance:

| Value (ohms) | Code(s) |
|---|---|
| 110 | 0 |
| 150 | 1 |
| 600 | 2 |
| 900 | 3+ |
| 135 | 5 |
| 75 | 6 |
| 124 | 7 |
| Variable | 8 |
| 100 | 9 |

+ For those interface codes with a 4-wire transmission path at the customer designated POT, rather than a standard 900 ohm impedance, the code (3) denotes a customer provided transmission equipment termination. Such terminations were provided to customers in accordance with the F.C.C. Docket No. 20099 Settlement Agreement. (T)



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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.3 Digital Hierarchy Channel Interface Codes (4DS)

This interface is available to customers that select the multiplexed four-wire DSX-1 or higher facility interface option at the customer designated premises. Customers who have installed multiplexed DS1 systems to a Facility Hub and are connecting individual facilities to these systems to complete service arrangements will be requested to provide subsequent system and channel assignment data. Customers who request these interfaces in conjunction with other compatible non digital interfaces without system and channel assignment data will be provided service, where facilities permit, on Telephone Company DS1 Facilities Inventory. The various digital bit rates in the digital hierarchy employ the channel interface code 4DS9, 4DS0 or 4DS6 plus the speed options indicated below:

| Electrical Interface Code and Speed Option | Nominal Bit Rate (Mbps) | Digital Hierarchy Level |
|---|---|---|
| 4DS9-15 | 1.544 | DS1 |
| 4DS6-44 | 44.736 | DS3 |

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.4 Service Designator/Network Channel Code Conversion Table

The purpose of this table is to show the relationship between the service designator codes (e.g., VGC, etc.) and the network channel codes that are used for various administrative purposes. (D)

| Service Designator Code | Network Channel Code |
|---|---|
| | (D) |
| VGC | LQ |
| VG1 | LB |
| VG2 | LC |
| | (D) |

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.4 Service Designator/Network Channel Code Conversion Table (Cont'd)

| Service Designator Code | Network Channel Code | |
|---|---|---|
| VG3 | LD | (D) |
| VG4 | LE | \| |
| VG5 | LF | (D) |
| VG6 | LG | |
| VG7 | LH | |
| VG8 | LJ | |
| VG9 | LK | |
| VG10 | LN | |
| VG11 | LP | |
| VG12 | LR | |
| WAC | SE | |
| WAC | SF | |
| DA1 | XA | |
| DA2 | XB | |
| DA3 | XG | |
| DA4 | XH | |
| DA5 | XE | |
| DA6 | YN | |
| HC0 | HS | |
| HC1 | HC | |
| HC1C | HD | (D) |
| HC3 | HF | (D) |
| HC3C | HF, QTY 3 | |



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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces

The following tables show the channel interface codes (CIs) which are compatible:

(C)

(A) Reserved

(D)

(D)

(B) Reserved (C)

(D)

(D)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade

| Compatible CIs | | Compatible CIs | | Compatible CIs | |
|---|---|---|---|---|---|
| 4AB2 | 4AB2 | 4AH6-C | 4DA2 | 4AH6-D | 2DY2 |
| | | 4AH6-C | 2DA2 | 4AH6-C | 9DY2 |
| 4AB2 | 4AC2 | | | 4AH6-C | 9DY3 |
| 4AB3 | 4AC2 | 4AH5-B | 6DA2 | 4AH6-C | 6DY2 |
| 4AB2 | 2AC2 | 4AH5-B | 4DA2 | 4AH6-C | 6DY3 |
| 4AB3 | 2AC2 | 4AH5-B | 2DA2 | 4AH6-C | 4DY2 |
| 2AB2 | 2AC2 | | | 4AH6-C | 2DY2 |
| 2AB3 | 2AC2 | 4AH6-D | 4DE2 | 4AH5-B | 9DY2 |
| | | 4AH6-C | 4DE2 | 4AH5-B | 9DY3 |
| 4AB2 | 4SF2 | 4AH5-B | 4DE2 | 4AH5-B | 6DY2 |
| 4AB3 | 4SF2 | 4AH6-D | 2DE2 | 4AH5-B | 6DY3 |
| 4AC2 | 4AC2 | 4AH6-C | 2DE2 | 4AH5-B | 4DY2 |
| 4AC2 | 2AC2 | 4AH5-B | 2DE2 | 4AH5-B | 2DY2 |
| 4AH6-D | 4AC2 | 4AH6-D | 4DX3 | 4AH6-D | 9EA2 |
| 4AH6-D | 2AC2 | 4AH6-C | 4DX3 | 4AH6-D | 9EA3 |
| 4AH6-C | 4AC2 | 4AH5-B | 4DX3 | 4AH6-D | 6EA2-E |
| 4AH6-C | 2AC2 | 4AH6-D | 4DX2 | 4AH6-D | 6EA2-M |
| 4AH5-B | 2AC2 | 4AH6-C | 4DX2 | 4AH6-D | 4EA2-E |
| 4AH5-B | 4AC2 | 4AH5-B | 4DX2 | 4AH6-D | 4EA2-M |
| | | | | 4AH6-C | 9EA2 |
| 4AH6-D | 2CT3 | 4AH6-D | 9DY2 | 4AH6-C | 9EA3 |
| 4AH6-C | 2CT3 | 4AH6-D | 9DY3 | 4AH6-C | 6EA2-E |
| 4AH5-B | 2CT3 | 4AH6-D | 6DY2 | | |
| | | 4AH6-D | 6DY3 | | |
| 4AH6-D | 6DA2 | 4AH6-D | 4DY2 | | |
| 4AH6-D | 4DA2 | | | | |
| 4AH6-D | 2DA2 | | | | |
| 4AH6-C | 6DA2 | | | | |

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

| Compatible CIs | | Compatible CIs | | Compatible CIs | |
|---|---|---|---|---|---|
| 4AH6-C | 6EA2-M | 4AH6-D | 6GS2 | 4AH6-D+ | 2LO2 |
| 4AH6-C | 4EA2-E | 4AH6-D | 4GS2 | 4AH6-C+ | 2LO3 |
| 4AH6-C | 4EA2-M | 4AH6-D | 2GS3* | 4AH6-C+ | 2LO2 |
| 4AH5-B | 9EA2 | 4AH6-D | 2GS2 | 4AH5-B+ | 2LO3 |
| 4AH5-B | 9EA3 | 4AH6-C | 6GS2 | 4AH5-B+ | 2LO2 |
| 4AH5-B | 6EA2-E | 4AH6-C | 4GS2 | | |
| 4AH5-B | 6EA2-M | 4AH6-C | 2GS3* | 4AH6-D+ | 4LR2 |
| 4AH5-B | 4EA2-E | 4AH6-C | 2GS2 | 4AH6-D+ | 2LR2 |
| 4AH5-B | 4EA2-M | 4AH5-B | 6GS2 | 4AH6-C+ | 4LR2 |
| | | 4AH5-B | 4GS2 | 4AH6-C+ | 2LR2 |
| 4AH6-D | 8EB2-E | 4AH5-B | 2GS3* | 4AH5-B+ | 4LR2 |
| 4AH6-D | 8EB2-M | 4AH5-B | 2GS2 | 4AH5-B+ | 2LR2 |
| 4AH6-D | 6EB2-E | | | | |
| 4AH6-D | 6EB2-M | 4AH6-D | 2LA2 | 4AH6-D+ | 6LS2 |
| 4AH6-C | 8EB2-E | 4AH6-C | 2LA2 | 4AH6-D+ | 4LS2 |
| 4AH6-C | 8EB2-M | 4AH5-B | 2LA2 | 4AH6-D+ | 2LS2 |
| 4AH6-C | 6EB2-E | | | 4AH6-D+ | 2LS3** |
| 4AH6-C | 6EB2-M | 4AH6-D | 2LB2 | 4AH6-C+ | 6LS2 |
| 4AH5-B | 8EB2-E | 4AH6-C | 2LB2 | 4AH6-C+ | 4LS2 |
| 4AH5-B | 8EB2-M | 4AH5-B | 2LB2 | 4AH6-C+ | 2LS2 |
| 4AH5-B | 6EB2-E | | | 4AH6-C+ | 2LS3** |
| 4AH5-B | 6EB2-M | 4AH6-D | 2LC2 | 4AH5-B+ | 6LS2 |
| | | 4AH6-C | 2LC2 | 4AH5-B+ | 4LS2 |
| 4AH6-D | 2G02 | 4AH5-B | 2LC2 | 4AH5-B+ | 2LS2 |
| 4AH6-D | 2G03 | | | 4AH5-B+ | 2LS3** |
| 4AH6-C | 2G02 | 4AH6-D | 2LO3 | | |
| 4AH6-C | 2G03 | | | | |
| 4AH5-B | 2G02 | | | | |
| 4AH5-B | 2G03 | | | | |

* The "C" and "M" options as described in 7.3.1 preceding are also available with this combination (i.e., 2GS3-C or 2GS3-M).

** The "M" option as described in 7.3.1 preceding is also available with this combination (i.e., 2LS3-M).

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

| Compatible CIs | | Compatible CIs | | Compatible CIs | | Compatible CIs | |
|---|---|---|---|---|---|---|---|
| 4AH6-D | 4NO2 | 4AH6-D | 4TF2 | 2CT3 | 4SF2 | 4DS9-* | 4AC2 |
| 4AH6-D | 2NO2 | 4AH6-D | 2TF2 | 2CT3 | 4SF3 | 4DS9-* | 2AC2 |
| 4AH6-C | 4NO2 | 4AH6-C | 4TF2 | 2CT3 | 6EB2-E | 4DS9-* | 6DA2 |
| 4AH6-C | 2NO2 | 4AH6-C | 2TF2 | 2CT3 | 6EB2-M | 4DS9-* | 4DA2 |
| 4AH5-B | 4NO2 | 4AH5-B | 4TF2 | 2CT3 | 6EB3-E | 4DS9-* | 2DA2 |
| 4AH5-B | 2NO2 | 4AH5-B | 2TF2 | 2CT3 | 8EB2-E | | |
| | | 2CT3 | 2CT3 | 2CT3 | 8EB2-M | 4DS9-* | 4DE2 |
| 4AH6-D | 4PR2 | 2CT3 | 4DS9-* | 2CT3 | 8EC2 | 4DS9-* | 2DE2 |
| 4AH6-D | 2PR2 | | | 4CT2 | 4DX2 | 4DS9-* | 4DX3 |
| 4AH6-C | 4PR2 | 2CT3 | 6DX2 | 4CT2 | 4DS9-* | 4DS9-* | 4DX2 |
| 4AH6-C | 2PR2 | 2CT3 | 4DX2 | 4CT2 | 4SF2 | | |
| 4AH5-B | 4PR2 | 2CT3 | 4DX3 | 4CT2 | 6EA2-E | | |
| 4AH5-B | 2PR2 | | | 4CT2 | 6EA2-M | | |
| | | 2CT3 | 9DY3 | 4CT2 | 8EB2-E | 4DS9-* | 9DY3 |
| 4AH6-D | 4RV2-T | 2CT3 | 6DY3 | 4CT2 | 8EB2-M | 4DS9-* | 9DY2 |
| 4AH6-D | 2RV2-T | 2CT3 | 9DY2 | 4CT2 | 8EC2 | 4DS9-* | 6DY3 |
| | | | | 6DA2 | 6DA2 | | |
| 4AH6-C | 4RV2-T | 2CT3 | 6DY2 | 6DA2 | 4DA2 | 4DS9-* | 6DY2 |
| 4AH6-C | 2RV2-T | 2CT3 | 4DY2 | 6DA2 | 2DA2 | 4DS9-* | 4DY2 |
| | | | 4DA2 | 4DA2 | | | |
| 4AH5-B | 4RV2-T | 2CT3 | 2DY2 | 4DA2 | 2DA2 | 4DS9-* | 2DY2 |
| 4AH5-B | 2RV2-T | | | 2DA2 | 2DA2 | | |
| | | 2CT3 | 9EA3 | 4DB2 | 6DA2 | 4DS9-* | 9EA2 |
| 4AH6-D | 4SF2 | 2CT3 | 9EA2 | 4DB2 | 4DA2 | 4DS9-* | 9EA3 |
| 4AH6-C | 4SF2 | 2CT3 | 6EA2-E | 4DB2 | 2DA2 | 4DS9-* | 6EA2-E |
| 4AH5-B | 4SF2 | 2CT3 | 6EA2-M | 2DB3 | 2DA2 | 4DS9-* | 6EA2-M |
| 4AH6-D | 4SF3 | 2CT3 | 4EA2-E | 2DB2 | 2DA2 | 4DS9-* | 4EA2-E |
| 4AH6-C | 4SF3 | 2CT3 | 4EA2-M | 4DB2 | 4DB2 | 4DS9-* | 4EA2-M |
| 4AH5-B | 4SF3 | | | 4DB2 | 4NO2 | | |
| | | | | 4DB2 | 4NO2 | | |
| | | | | 2DB2 | 2NO2 | | |
| | | | | 4DB2 | 4PR2 | | |
| | | | | 4DB2 | 2PR2 | | |
| | | | | 2DB2 | 2PR2 | | |
| | | | | 4DD3 | 4DE2 | | |
| | | | | 4DD3 | 2DE2 | | |

* See 7.3.3 preceding for explanation.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

| Compatible CIs | | Compatible CIs | | Compatible CIs | |
|---|---|---|---|---|---|
| 4DS9-* | 8EB2-E | 4DS9-* | 4NO2 | 4DX3 | 9DY2 |
| 4DS9-* | 8EB2-M | 4DS9-* | 2NO2 | 4DX2 | 6DY3 |
| 4DS9-* | 6EB2-E | | | 4DX3 | 6DY3 |
| 4DS9-* | 6EB2-M | 4DS9-* | 4PR2 | 4DX2 | 6DY2 |
| | | 4DS9-* | 2PR2 | 4DX3 | 6DY2 |
| 4DS9-* | 2GO2 | | | 4DX2 | 4DY2 |
| 4DS9-* | 2GO3 | 4DS9-* | 4RV2-T | 4DX3 | 4DY2 |
| | | 4DS9-* | 2RV2-T | 4DX2 | 2DY2 |
| 4DS9-* | 6GS2 | 4DS9-* | 2RV3-O | 4DX3 | 2DY2 |
| 4DS9-* | 4GS2 | 4DS9-* | 4SF2 | | |
| 4DS9-* | 2GS2 | 4DS9-* | 4SF3 | 6DX2 | 9EA3 |
| 4DS9-* | 2GS3** | | | 6DX2 | 9EA2 |
| | | 4DS9-* | 4TF2 | 6DX2 | 6EA2-E |
| 4DS9-* | 2LA2 | 4DS9-* | 2TF2 | 6DX2 | 6EA2-M |
| | | | | 6DX2 | 4EA2-E |
| 4DS9-* | 2LB2 | 4DX2 | 4DX2 | 6DX2 | 4EA2-M |
| | | 4DX3 | 4DX2 | 4DX2 | 9EA2 |
| 4DS9-* | 2LC2 | 4DX3 | 4DX3 | 4DX3 | 9EA2 |
| | | | | 4DX2 | 9EA3 |
| 4DS9-* | 2LO2 | 6DX2 | 9DY3 | 4DX3 | 9EA3 |
| 4DS9-* | 2LO3 | 6DX2 | 9DY2 | 4DX2 | 6EA2-E |
| | | 6DX2 | 6DY3 | 4DX3 | 6EA2-E |
| 4DS9-* | 4LR2 | 6DX2 | 6DY2 | 4DX2 | 6EA2-M |
| 4DS9-* | 2LR2 | 6DX2 | 4DY2 | 4DX3 | 6EA2-M |
| | | 6DX2 | 2DY2 | 4DX2 | 4EA2-E |
| 4DS9-* | 6LS2 | 4DX2 | 9DY3 | 4DX3 | 4EA2-E |
| 4DS9-* | 4LS2 | 4DX3 | 9DY3 | 4DX2 | 4EA2-M |
| 4DS9-* | 2LS2 | 4DX2 | 9DY2 | 4DX3 | 4EA2-M |
| 4DS9-* | 2LS3*** | | | | |

* See 7.3.3 preceding for explanation.

** The "C" and "M" options as described in 7.3.1 preceding are also available with this combination (i.e., 2GS3-C or 2GS3-M).

*** The "M" option as described in 7.3.1 preceding is also available with this combination (i.e., 2LS3-M).

ACCESS SERVICE

. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

| Compatible CIs | | Compatible CIs | | Compatible CIs | |
|---|---|---|---|---|---|
| 6DX2 | 8EB2-E | 4DX2 | 6LS2 | 9DY2 | 6DY3 |
| 6DX2 | 8EB2-M | 4DX3 | 6LS2 | 9DY3 | 4DY2 |
| 6DX2 | 6EB2-E | 4DX3 | 4LS2 | 9DY2 | 4DY2 |
| 6DX2 | 6EB2-M | 4DX2 | 4LS2 | 9DY2 | 2DY2 |
| 4DX2 | 8EB2-E | 4DX3 | 2LS3* | 9DY3 | 2DY2 |
| 4DX2 | 8EB2-M | 4DX2 | 2LS3* | 6DY3 | 6DY3 |
| 4DX3 | 8EB2-E | 4DX3 | 2LS2 | 6DY3 | 6DY2 |
| 4DX3 | 8EB2-M | 4DX2 | 2LS2 | 6DY2 | 6DY2 |
| 4DX2 | 6EB2-E | 2DX3 | 2LS2 | 6DY3 | 4DY2 |
| 4DX2 | 6EB2-M | 2DX3 | 2LS3* | 6DY3 | 2DY2 |
| 4DX3 | 6EB2-E | | | 6DY2 | 4DY2 |
| 4DX3 | 6EB2-M | 4DX3 | 4RV2-T | 6DY2 | 2DY2 |
| | | 4DX2 | 4RV2-T | 4DY2 | 2DY2 |
| 4DX2 | 2LA2 | 4DX3 | 2RV2-T | 4DY2 | 4DY2 |
| 4DX3 | 2LA2 | 4DX2 | 2RV2-T | 2DY2 | 2DY2 |
| 2DX3 | 2LA2 | 4DX2 | 2RV3-O | 6EA2-E | 4AC2 |
| | | 6DX2 | 4SF2 | 6EA2-M | 4AC2 |
| 4DX2 | 2LB2 | 4DX2 | 4SF2 | 6EA2-E | 2AC2 |
| 4DX3 | 2LB2 | 4DX3 | 4SF2 | 6EA2-M | 2AC2 |
| 2DX3 | 2LB2 | 4DX2 | 4SF3 | | |
| | | 4DX3 | 4SF3 | 9EA2 | 9DY3 |
| 4DX2 | 2LC2 | | | 9EA2 | 9DY2 |
| 4DX3 | 2LC2 | 9DY3 | 9DY3 | 9EA2 | 6DY3 |
| 2DX3 | 2LC2 | 9DY3 | 9DY2 | 9EA2 | 6DY2 |
| | | 9DY2 | 9DY2 | 9EA2 | 4DY2 |
| 4DX2 | 2LO3 | 9DY3 | 6DY3 | 9EA2 | 2DY2 |
| 4DX3 | 2LO3 | 9DY3 | 6DY2 | 9EA3 | 9DY3 |
| 2DX3 | 2LO3 | 9DY2 | 6DY2 | | |

* The "M" option as described in 7.3.1 preceding is also available with this combination (i.e., 2LS3-M).

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

| Compatible CIs | | Compatible CIs | | Compatible CIs | |
|---|---|---|---|---|---|
| 9EA3 | 9DY2 | 4EA2-M | 9DY2 | 4EA3-E | 9EA2 |
| 9EA3 | 6DY3 | 4EA2-M | 6DY3 | 4EA3-E | 9EA3 |
| 9EA3 | 6DY2 | 4EA2-M | 6DY2 | 4EA2-M | 4EA2-M |
| 9EA3 | 4DY2 | 4EA2-M | 4DY2 | | |
| 9EA3 | 2DY2 | 4EA2-M | 2DY2 | 9EA2 | 8EB2-E |
| 6EA2-E | 9DY3 | | | 9EA2 | 8EB2-M |
| 6EA2-E | 9DY2 | 9EA2 | 9EA2 | 9EA2 | 6EB2-E |
| 6EA2-E | 6DY3 | 9EA2 | 9EA3 | 9EA2 | 6EB2-M |
| 6EA2-E | 6DY2 | 9EA2 | 6EA2-E | 9EA3 | 8EB2-E |
| 6EA2-E | 4DY2 | 9EA2 | 6EA2-M | 9EA3 | 8EB2-M |
| 6EA2-E | 2DY2 | 9EA2 | 4EA2-E | 9EA3 | 6EB2-E |
| 6EA2-M | 9DY3 | 9EA2 | 4EA2-M | 9EA3 | 6EB2-M |
| 6EA2-M | 9DY2 | 9EA3 | 9EA3 | 6EA2-E | 8EB2-E |
| 6EA2-M | 6DY3 | 9EA3 | 6EA2-E | 6EA2-E | 8EB2-M |
| 6EA2-M | 6DY2 | 9EA3 | 6EA2-M | 6EA2-E | 6EB2-E |
| 6EA2-M | 4DY2 | 9EA3 | 4EA2-E | 6EA2-E | 6EB2-M |
| 6EA2-M | 2DY2 | 9EA3 | 4EA2-M | 6EA2-M | 8EB2-E |
| 4EA2-E | 9DY3 | 6EA2-E | 6EA2-E | 6EA2-M | 8EB2-M |
| 4EA2-E | 9DY2 | 6EA2-E | 6EA2-M | 6EA2-M | 6EB2-E |
| 4EA3-E | 9DY3 | 6EA2-M | 6EA2-M | 6EA2-M | 6EB2-M |
| 4EA3-E | 9DY2 | 6EA2-E | 4EA2-E | 4EA2-E | 8EB2-E |
| 4EA3-E | 6DY3 | 6EA2-E | 4EA2-M | 4EA2-E | 8EB2-M |
| 4EA3-E | 6DY2 | 6EA2-M | 4EA2-E | 4EA3-E | 8EB2-E |
| 4EA3-E | 4DY2 | 6EA2-M | 4EA2-M | 4EA3-E | 8EB2-M |
| 4EA3-E | 2DY2 | 4EA2-E | 4EA2-E | 4EA2-E | 6EB2-E |
| 4EA2-E | 6DY3 | 4EA3-E | 6EA2-E | 4EA2-E | 6EB2-M |
| 4EA2-E | 6DY2 | 4EA3-E | 6EA2-M | 4EA3-E | 6EB2-E |
| 4EA2-E | 4DY2 | 4EA3-E | 4EA2-E | 4EA3-E | 6EB2-M |
| 4EA2-E | 2DY2 | 4EA3-E | 4EA2-M | 4EA2-M | 8EB2-E |
| 4EA2-M | 9DY3 | 4EA2-E | 4EA2-M | | |

ACCESS SERVICE

. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

| Compatible CIs | | Compatible CIs | | Compatible CIs | |
|---|---|---|---|---|---|
| 4EA2-M | 8EB2-M | 9EA3 | 4SF2 | 6EB3-E | 9DY2 |
| 4EA2-M | 6EB2-E | 9EA2 | 4SF2 | 6EB3-E | 9DY3 |
| 4EA2-M | 6EB2-M | 6EA2-E | 4SF3 | 6EB2-E | 6DY2 |
| | | 6EA2-M | 4SF3 | 6EB3-E | 6DY2 |
| 6EA2-E | 2LA2 | 6EA2-E | 4SF2 | 6EB2-E | 6DY3 |
| 6EA2-M | 2LA2 | 6EA2-M | 4SF2 | 6EB3-E | 6DY3 |
| | | 4EA3-E | 4SF2 | 6EB2-E | 4DY2 |
| 6EA2-E | 2LB2 | 4EA2-E | 4SF2 | 6EB3-E | 2DY2 |
| 6EA2-M | 2LB2 | 4EA2-M | 4SF2 | 6EB3-E | 4DY2 |
| | | | | 6EB2-M | 9DY2 |
| 6EA2-E | 2LC2 | 8EB2-E | 4AC2 | 6EB2-M | 9DY3 |
| 6EA2-M | 2LC2 | 8EB2-M | 4AC2 | 6EB2-M | 6DY2 |
| | | 8EB2-E | 2AC2 | 6EB2-M | 6DY3 |
| 6EA2-E | 2LO3 | 8EB2-M | 2AC2 | 6EB2-M | 4DY2 |
| 6EA2-M | 2LO3 | | | 6EB2-E | 2DY2 |
| | | 8EB2-E | 9DY3 | 6EB2-M | 2DY2 |
| 6EA2-E | 6LS2 | 8EB2-E | 9DY2 | | |
| 6EA2-M | 6LS2 | 8EB2-E | 6DY3 | 6EB3-E | 9EA2 |
| 6EA2-E | 4LS2 | 8EB2-E | 6DY2 | 6EB3-E | 9EA3 |
| 6EA2-M | 4LS2 | 8EB2-E | 4DY2 | 6EB3-E | 6EA2-E |
| 6EA2-E | 2LS2 | 8EB2-E | 2DY2 | 6EB3-E | 6EA2-M |
| 6EA2-M | 2LS2 | 8EB2-M | 9DY3 | 6EB3-E | 4EA2-E |
| 6EA2-E | 2LS3* | 8EB2-M | 9DY2 | 6EB3-E | 4EA2-M |
| 6EA2-M | 2LS3* | 8EB2-M | 6DY3 | | |
| | | 8EB2-M | 6DY2 | 8EB2-E | 8EB2-E |
| 6EA2-E | 4RV2-T | 8EB2-M | 4DY2 | 8EB2-E | 8EB2-M |
| 6EA2-M | 4RV2-T | 8EB2-M | 2DY2 | 8EB2-M | 8EB2-M |
| 6EA2-E | 2RV2-T | 6EB2-E | 9DY2 | 8EB2-E | 6EB2-E |
| 6EA2-M | 2RV2-T | | | | |
| 6AE2-E | 2RV3-O | 6EB2-E | 9DY3 | 8EB2-E | 6EB2-M |
| 6AE2-M | 2RV3-O | | | | |

* The "M" option as described in 7.3.1 preceding is also available with this combination.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

| Compatible CIs | | Compatible CIs | | Compatible CIs | |
|---|---|---|---|---|---|
| 8EB2-M | 6EB2-E | 8EB2-E | 4RV2-T | 8EC2 | 8EB2-M |
| 8EB2-M | 6EB2-M | 8EB2-M | 4RV2-T | 8EC2 | 6EB2-E |
| 6EB2-E | 6EB2-E | 8EB2-E | 2RV2-T | 8EC2 | 6EB2-M |
| | | 8EB2-M | 2RV2-T | | |
| 6EB2-E | 6EB2-M | 8EB2-E | 2RV3-O | | |
| 6EB3-E | 8EB2-E | 8EB2-M | 2RV3-O | 8EC2 | 4SF2 |
| 6EB3-E | 8EB2-M | 8EB2-E | 4SF2 | | |
| 6EB2-M | 6EB2-M | 8EB2-M | 4SF2 | 6EX2-B | 2G03 |
| | | 8EB2-E | 4SF3 | | |
| 8EB2-E | 2LA2 | 8EB2-M | 4SF3 | 6EX2-A | 6GS2 |
| 8EB2-M | 2LA2 | 6EB3-E | 4SF2 | 6EX2-A | 4GS2 |
| | | 6EB2-E | 4SF2 | 6EX2-A | 2GS2 |
| 8EB2-E | 2LB2 | 6EB2-M | 4SF2 | 6EX2-A | 2GS3** |
| 8EB2-M | 2LB2 | | | | |
| | | 8EC2 | 9DY2 | 6EX2-B | 2LA2 |
| 8EB2-E | 2LC2 | 8EC2 | 9DY3 | | |
| 8EB2-M | 2LC2 | 8EC2 | 6DY2 | 6EX2-B | 2LB2 |
| | | 8EC2 | 6DY3 | | |
| 8EB2-E | 2LO3 | 8EC2 | 4DY2 | 6EX2-B | 2LC2 |
| 8EB2-M | 2LO3 | 8EC2 | 2DY2 | | |
| | | | | 6EX2-B | 2LO2 |
| 8EB2-E | 6LS2 | 8EC2 | 9EA2 | 6EX2-B | 2LO3 |
| 8EB2-M | 6LS2 | 8EC2 | 9EA3 | | |
| 8EB2-E | 4LS2 | 8EC2 | 6EA2-E | 6EX2-B | 4LR2 |
| 8EB2-M | 4LS2 | 8EC2 | 6EA2-M | 6EX2-B | 2LR2 |
| 8EB2-E | 2LS2 | 8EC2 | 4EA2-E | | |
| 8EB2-M | 2LS2 | 8EC2 | 4EA2-M | 6EX2-A | 6LS2 |
| 8EB2-E | 2LS3* | | | 6EX2-A | 4LS2 |
| 8EB2-M | 2LS3* | 8EC2 | 8EB2-E | 6EX2-A | 2LS2 |
| | | | | 6EX2-A | 2LS3 |

* The "M" option as described in 7.3.1 preceding is also available with this combination (i.e., 2LS3-M).

** The "C" and "M" options as described in 7.3.1 preceding are also available with this combination (i.e., 2GS3-C or 2GS3-M).

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

| Compatible CIs | | Compatible CIs | | Compatible CIs | |
|---|---|---|---|---|---|
| 6EX2-A | 4SF2 | 6LO2 | 6LS2 | 4LR2 | 4SF2 |
| 6EX2-B | 4SF2 | 6LO2 | 4LS2 | 4LR3 | 4SF2 |
| | | 6LO2 | 2LS2 | | |
| 6GO2 | 6GS2 | 6LO2 | 2LS3** | 6LS2 | 2LA2 |
| 6GO2 | 4GS2 | 4LO2 | 6LS2 | 4LS2 | 2LA2 |
| 6GO2 | 2GS2 | 4LO2 | 4LS2 | 4LS3 | 2LA2 |
| 6GO2 | 2GS3* | 4LO3 | 6LS2 | 2LS2 | 2LA2 |
| 4GO2 | 6GS2 | 4LO3 | 4LS2 | 2LS3** | 2LA2 |
| 4GO3 | 6GS2 | 4LO3 | 2LS3** | | |
| 4GO2 | 4GS2 | 4LO3 | 2LS2 | 6LS2 | 2LB2 |
| 4GO3 | 4GS2 | 4LO2 | 2LS2 | 4LS2 | 2LB2 |
| 4GO2 | 2GS2 | 4LO2 | 2LS3** | 4LS3 | 2LB2 |
| 4GO2 | 2GS3* | 2LO3 | 2LS3** | 2LS2 | 2LB2 |
| 4GO3 | 2GS2 | 2LO3 | 2LS2 | 2LS3** | 2LB2 |
| 4GO3 | 2GS3* | 2LO2 | 2LS2 | | |
| 2GO2 | 2GS2 | 2LO2 | 2LS3** | 6LS2 | 2LC2 |
| 2GO3 | 2GS2 | | | 4LS2 | 2LC2 |
| 2GO2 | 2GS3* | 6LO2 | 4SF2 | 4LS3 | 2LC2 |
| 2GO3 | 2GS3* | 4LO2 | 4SF2 | 2LS2 | 2LC2 |
| | | 4LO3 | 4SF2 | 2LS3** | 2LC2 |
| 6GO2 | 4SF2 | | | | |
| 4GO2 | 4SF2 | 4LR3 | 4LR2 | 6LS2 | 2LO3 |
| 4GO3 | 4SF2 | 4LR3 | 2LR2 | 6LS2 | 2LO2 |
| | | 4LR2 | 4LR2 | 4LS2 | 2LO2 |
| 6GS2 | 2GO2 | 4LR2 | 2LR2 | 4LS2 | 2LO3 |
| 4GS2 | 4GO2 | 2LR2 | 2LR2 | 4LS3 | 2LO2 |
| 4GS2 | 2GO2 | 2LR3 | 2LR2 | 4LS3 | 2LO3 |
| 4GS3 | 2G02 | | | | |
| 4GS2 | 2GO3 | | | | |

* The "C" and "M" options as described in 7.3.1 preceding are also available with this combination (i.e., 2GS3-G or 2GS3-M).

** The "M" option as described in 7.3.1 preceding is also available with this combination (i.e., 2LS3-M).

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

| Compatible CIs | | Compatible CIs | | Compatible CIs | |
|---|---|---|---|---|---|
| 6LS2 | 4SF2 | 4SF3 | 9DY2 | 4SF3 | 2LA2 |
| 4LS3 | 4SF2 | 4SF2 | 9DY3 | | |
| | | 4SF3 | 6DY3 | 4SF2 | 2LB2 |
| 4NO2 | 6DA2 | 4SF2 | 6DY2 | 4SF3 | 2LB2 |
| 4NO2 | 4DA2 | 4SF2 | 6DY3 | | |
| 4NO2 | 2DA2 | 4SF3 | 6DY2 | 4SF2 | 2LC2 |
| 2NO2 | 6DA2 | 4SF2 | 4DY2 | 4SF3 | 2LC2 |
| 2NO2 | 4DA2 | 4SF3 | 4DY2 | | |
| 2NO2 | 2DA2 | | | | |
| 4NO2 | 4DE2 | 4SF3 | 2DY2 | 4SF2 | 2LO3 |
| 4NO2 | 2DE2 | 4SF2 | 2DY2 | 4SF3 | 2LO3 |
| 4NO2 | 4NO2 | 4SF3 | 9EA2 | 4SF2 | 2LR2 |
| 4NO2 | 2NO2 | 4SF3 | 9EA3 | 4SF3 | 4LR2 |
| 2NO2 | 2NO2 | 4SF3 | 4EA2-E | 4SF3 | 2LR2 |
| 2NO3 | 2NO2 | 4SF3 | 4EA2-M | | |
| | | | | 4SF3 | 6LS2 |
| 2NO3 | 2PR2 | 4SF3 | 6EB2-E | 4SF2 | 4LS2 |
| | | 4SF3 | 6EB2-M | 4SF3 | 4LS2 |
| 4RV2-O | 4RV2-T | | | 4SF2 | 2LS2 |
| 4RV2-O | 2RV2-T | 4SF2 | 2GO3 | 4SF2 | 2LS3** |
| 2RV2-O | 2RV2-T | | | 4SF3 | 2LS2 |
| 2RV3-O | 4RV2-T | 4SF3 | 6GS2 | 4SF3 | 2LS3** |
| 4RV2-O | 4SF2 | 4SF2 | 6GS2 | | |
| | | 4SF2 | 4GS2 | 4SF3 | 4RV2-T |
| 4SF2 | 4AC2 | 4SF3 | 4GS2 | 4SF2 | 4RV2-T |
| 4SF2 | 2AC2 | 4SF2 | 2GS2 | 4SF2 | 2RV2-T |
| | | | | 4SF2 | 2RV3-O |
| | | 4SF2 | 2GS3* | 4SF3 | 2RV2-T |
| 4SF3 | 9DY3 | 4SF3 | 2GS2 | | |
| 4SF2 | 9DY2 | 4SF3 | 2GS3* | 4SF3 | 4SF3 |
| | | 4SF2 | 2LA2 | | |

* The "C" and "M" options as described in 7.3.1 preceding are also available with this combination (i.e., 2GS3-G or 2GS3-M).

** The "M" option as described in 7.3.1 preceding is also available with this combination (i.e., 2LS3-M).

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(C) Voice Grade (Cont'd)

| Compatible CIs | |
|---|---|
| 6LS2 | 4SF2 |
| 4LS3 | 4SF2 |
| 4NO2 | 6DA2 |
| 4NO2 | 4DA2 |
| 4NO2 | 2DA2 |

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(D) WATS Access Line Service

| Compatible CIs | | Compatible CIs | | Compatible CIs | |
|---|---|---|---|---|---|
| 4DS9* | 4DS9* | 2LO3 | 4DS9* | 2RV3-0 | 4RV2-0 |
| 2GO3 | 4DS9* | 2LO3 | 2LS2 | 4RV2-0 | 4DS9* |
| 2GO3 | 2GS2 | 2LO3 | 4LS2 | 4RV2-0 | 2RV2-T |
| 2GO3 | 2GS3 | 4LO2 | 4DS9* | 4RV2-0 | 2RV3-T |
| 2GO3 | 4GS3 | 4LO2 | 2LS2 | 4RV2-0 | 4RV2-0 |
| 4GO2 | 4DS9* | 4LO2 | 4LS2 | | |
| 4GO2 | 2GS2 | 2RV3-0 | 4DS9* | | |
| 4GO2 | 2GS3 | 2RV3-0 | 2RV2-T | | |
| 4GO2 | 4GS2 | 2RV3-0 | 2RV3-T | | |

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(E) Reserved (C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(G) Reserved for Future Use (C)

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(D)



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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(H) Reserved for Future Use (C)

(D)
|
|
|
(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(I) Digital Data

| Compatible CIs | | Compatible CIs | | Compatible CIs | | |
|---|---|---|---|---|---|---|
| | | 4DS9-15 | 6DU5-48 | 4DU5-96 | 4DU5-96 | (D) |
| 4DS9-15 | 4DU5-24 | 4DS9-15 | 6DU5-56 | 6DU5-24 | 6DU5-24 | |
| 4DS9-15 | 4DU5-48 | 4DS9-15 | 6DU5-96 | 6DU5-48 | 6DU5-48 | |
| 4DS9-15 | 4DU5-56 | 4DU5-24 | 4DU5-24 | 6DU5-56 | 6DU5-56 | |
| 4DS9-15 | 4DU5-96 | 4DU5-48 | 4DU5-48 | 6DU5-96 | 6DU5-96 | |
| 4DS9-15 | 6DU5-24 | 4DU5-56 | 4DU5-56 | | | |
| 4DS9-15 | 4DU5-24S | 4DS9-15 | 6DU5-48S | 4DU5-96S | 4DU5-96S | |
| 4DS9-15 | 4DU5-48S | 4DS9-15 | 6DU5-56S | 6DU5-24S | 6DU5-24S | |
| 4DS9-15 | 4DU5-56S | 4DS9-15 | 6DU5-96S | 6DU5-48S | 6DU5-48S | |
| 4DS9-15 | 4DU5-96S | 4DU5-24S | 4DU5-24S | 6DU5-56S | 6DU5-56S | |
| 4DS9-15 | 6DU5-24S | 4DU5-48S | 4DU5-48S | 6DU5-96S | 6DU5-96S | |
| | | 4DU5-56S | 4DU5-56S | | | |
| 4DS9-15 | 4DU5-19 | | | | | |
| 4DS9-15 | 4DU5-64 | | | | | |
| 4DU5-19 | 4DU5-19 | | | | | |
| 4DU5-64 | 4DU5-64 | | | | | |

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7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

(J) High Capacity

| Compatible CIs | | Compatible CIs | |
|---|---|---|---|
| | | 4DS9-15 | 6DU8-B |
| | | 4DS9-15 | 4DU8-B |
| | | 4DS9-15J | 6DU8-A |
| | | 4DS9-15J | 4DU8-A |
| | | 4DS9-15K | 6DU8-B |
| | | 4DS9-15K | 4DU8-B |
| 4DS6-44 | 4DS6-44 | 4DS9-15K | 4DU8-C |
| 4DS6-44 | 6DU8-A,B or C | 4DS9-15K | 4DU8-C |
| 4DS6-44 | 4DU8-A,B or C | | |
| | | | (D) |
| 4DS9-15J | 4DS9-15J | | |
| 4DS9-15K | 4DS9-15K | 4DU8-A,B or C | 4DU8-A,B or C |
| 4DS6-44C | 4DS9-15 | 4DS6-44 | 4DS9-15 |
| 4DS6-44C | 4DS9-15J | 4DS6-44 | 4DS9-15J |
| 4DS6-44C | 4DS9-15K | 4DS6-44 | 4DS9-15K |
| 4DS6-44C | 4DU8-A,B or C | 4DS6-44C | 4DS6-44C |
| 4DS6-44C | 4DS6-44 | 4DS6-44 | 4DU9-D |
| 4DS6-44C | 6DU8-A,B or C | 4DS6-44 | 4DU9-S |
| 4DS6-44 | 2FCF-45 | 4DS6-44 | 4DU9-C |
| 4DS6-44C | 2FCF-13 | 4DS6-44 | 4DU9-B |
| 4DS6-44G | 2FCF-54 | 4DS6-44 | 4DS9-15B |
| 2FCF-54 | 2FCF-54 | 4DS6-44 | 4DS9-15S |
| 4DS6-44G | 4DS6-44G | 4DS9-15S | 4DS9-15S |
| 01FCF.X | 01FCF.X | 4DU9-D | 4DU9-D |
| | | 4DU9-S | 4DU9-S |
| 4DS9-15B | 4DS9-15B | 4DS9-15B | 4DU9-D |
| 4DS9-15K | 4DS9-15K | 4DS9-15S | 4DU9-S |
| 4DS6.44A | 4DS6.44A | 4DS6.44I | 4DS6.44I |

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations

Subject to Section 1.1 preceding, this section contains the specific regulations governing the rates and charges that apply for Special Access Service.

7.4.1 Types of Rates and Charges

There are two types of rates and charges. These are monthly rates and nonrecurring charges. Price Cap rates may be differentiated by "Rate Zones".

Rate Zones are defined in Section 2.6 and are listed in Section 14.6.

Competitive Counties and Non-Competitive Counties are defined in Section 2.6 and the wire centers within such counties are listed in Section 14.8. (D)

(D)

The three types of rates and charges are described as follows:

(A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a Special Access Service is provided. For billing purposes, each month is considered to have 30 days.



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7. Special Access Service (Cont'd)

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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(A) Monthly Rates (Cont'd)

(1) Channel Termination Monthly Rates

The channel termination rate structure for DS3 High Capacity Services differs based upon whether or not the channel termination is at a Primary or Secondary Premises. A Primary Premises, which is detariffed, is a customer designated premises where a DS3 High Capacity Service circuit/channel is either originated or terminated. Only one end of the channel can be a Primary Premises. A Secondary Premises is any customer-designated premises other than the Primary Premises. (C) (C)

If one end of a DS3 High Capacity Service channel is either connected to or derived from a higher speed facility (e.g., DSR), the customer location with the DS3 High Capacity channel termination is classified as a Secondary Premises. An alternately routed channel termination will have the same classification (primary or secondary) as the associated DS3 High Capacity Service channel termination. (C) | (C)

(D)
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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(A) Monthly Rates (Cont'd)

(1) Channel Termination Monthly Rates (Cont'd)

(D)

A secondary premises channel termination monthly rate applies to channel terminations at secondary premises locations.

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(B) Reserved (C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Special Access Service are: installation of service, installation of optional features and functions, and service changes. (D)

The nonrecurring charge rate structure applicable to the installation of access service may consist of "first" and "additional" charges, except for DS3 Service Entrance Facilities and Channel Termination, where only one rate applies. For each rate element ordered, the "first" charges apply to the first rate element (e.g., port or channel termination) specified on the service order. The "additional" charges will apply to each additional same-type rate element specified on the same service order, with the same date due, and at or between the same end points. (D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(1) Installation of Service

(D)

The nonrecurring charges apply to each rate element of the service installed. The nonrecurring charges for the installation of service are set forth in 7.5, 8, and 19.7 following as nonrecurring charges for Channel Termination, Termination, Transport Channel, Port Node Entrance Ring, Collocated Interconnection Cross-Connect Service or SPOT Bay Frame and Terminations rate elements, etc. (See Note below.)

When a newly installed service is added to a Commitment Discount Plan (as specified in Section 25.1 following), or the National Discount Plan (as specified in Section 25.3 following), the Channel Termination nonrecurring charge which applies to such installed service is $1.00. (T) (T)

Note: See Section 19 following for further information.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(2) Installation of Optional Features and Functions

Separate nonrecurring charges apply for the installation of some of the optional features and functions available with Special Access Service. The charge applies whether the feature or function is installed coincident with the initial installation of service or at any time subsequent to the installation of the service. (D)

Some optional features under this tariff for which separate nonrecurring charges apply are: (T)

- Voice Grade Data Capability (D)



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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Changes

Service changes are changes to existing (installed) services which do not result in either a change in the minimum period requirements as set forth in 5.2.5 preceding (e.g., change from one type of Special Access Service to another or a change from one type of channel termination to another) or a change in the physical location of the point of termination at a customer designated premises. Changes in the type of service (i.e. type of service termination), Collocated Interconnection Cross-Connect Service or SPOT Bay Frame and Terminations, are treated as disconnects and starts. Changes in the physical location of the point of the termination at the customer premises are treated as moves and are described and charged for as set forth in 7.4.5 following. Certain changes in the physical location of the point of termination in a wire center are treated as detariffed rearrangements. (D) (C)

The charge to the customer for a service change is dependent on whether the change is administrative only in nature or involves actual physical change to the service.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(c) Nonrecurring Charges (Cont'd)

(3) Service Charges (Cont'd)

Administrative changes will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Access Service to the same customer (i.e., same customer remains responsible for all outstanding indebtedness for the Access Service). Administrative changes are as follows:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes its name -- e.g., AT&T-Long Lines to AT&T Communications),
- Change of customer or customer's end user premises address when the change of address is not a result of a physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number,
- Change of jurisdiction, and
- Change of customer-designated circuit identification at customer's request.

All other service changes will be charged for as follows:

- If the change involves the addition of another leg to an existing multipoint service, the nonrecurring change charge for the channel termination rate element will apply. The charge will apply only for the leg that is being added.

- If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply.

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)
7.4.1 Types of Rates and Charges (Cont'd)
(C) Nonrecurring Charges (Cont'd)
(3) Service Changes (Cont'd)

- If the change involves changing the type of signaling on a Voice Grade service, a charge equal to the Voice Grade channel termination rate element first nonrecurring change charge will apply. The charge will apply per service termination affected.

- If the change involves the addition of B8ZS and/or ESF options to an existing high capacity DS1 service, or the addition of a B8ZS to an existing high capacity DS3 service, a charge equal to the channel termination first non-recurring change charge will apply for each channel termination converted. This rate application does not apply when either of these options are initially ordered with the service.

- A change from a two-point Special Access Service without bridging to multipoint service or from a multipoint to two-point Special Access Service without bridging will be treated as discontinuance and installation of service.

(D)
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(D)

- For all other changes, including the addition of optional features without separate nonrecurring charges, a charge equal to a channel termination rate element first nonrecurring change charge will apply. Only one such charge will apply per service, per charge.

- For changes involving the screening, or other end office features, associated with WATS Access Line Service, the following charge applies:

| Rate | USOC |
|---|---|
| The rearrangement charge specified in 6.8.1(C)(3) preceding. | NRBCX |

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(4) Reserved. (C)

(D)

(D)



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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(D)

(D)

(5) Reserved.

ACCESS SERVICE

7. Special Access Service (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.2 Surcharge for Special Access Service

(A) General

Special access services provided under this tariff may be subject to the monthly Special Access Surcharge.

(B) Application

(1) The Special Access Surcharge will apply to each interstate Special Access Service that terminates on an end user's PBX or other device where, through a function of the device, the Special Access Service interconnects to the local exchange network. Interconnection functions include but are not limited to wiring and software functions, bridging, switching or patching of calls or stations. The Surcharge will apply irrespective of whether the interconnection function is performed in equipment located at the customer's premises or in a Centrex Co-type switch.

(2) Special Access Service will be exempted from the Surcharge by the Telephone Company upon receipt of the customer's written certification for the following Special Access Service terminations:

(a) an open-end termination in a Telephone Company switch of an FX line, including CCSA and CCSA-equivalent ONALs; or

(b) an analog channel termination that is used for radio or television program transmission; or

(c) a termination used for TELEX service; or

(d) a termination that by the nature of its operating characteristics could not make use of Telephone Company common lines; or

(e) a termination that interconnects either directly or indirectly to the local exchange network where the usage is subject to Carrier Common Line charges* such as, where the private line facility access only FGA and no local exchange lines, or private line facility between customer points of termination, or private line facility connecting CCSA or CCSA-type equipment (inter-machine trunks); or

* Resellers of WATS Access Line Service may be exempted from paying CCL Charges during the transition period of June 1, 1986 to January 1, 1987. However, they must certify for exemption of the Special Access Surcharge on the WAC.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.2 Surcharge for Special Access Service (Cont'd)

(B) Application (Cont'd)

(f) a termination that the customer certifies to the Telephone Company is not connected to a PBX or other device that has not been blocked by either hardware or software partitioning restrictions from connecting the private line facility to a local exchange subscriber line.

(g) A termination of WATS Access Line Service which is used for resold WATS.

(C) Exemption of Special Access Service

(1) Special Access Services which are terminated as set forth in 7.4.2(B) preceding will be exempted from the Special Access Surcharge if the customer provides the Telephone Company with written exemption certification. The certification may be provided to the Telephone Company (1) at the time the Special Access Service is ordered or installed; (2) at such time as the service is reterminated to a device incapable of interconnection to local exchange facilities, or (3) at such time as the service becomes associated with a Switched Access Service that is subject to Carrier Common Line Charges.

(2) The exemption certification is to be provided by the customer ordering the services. The certification must be signed by the customer or authorized representative and include the category of exemption, as set forth in 7.4.2 (B) (3) preceding, for each termination, and the date which the exemption is effective.

(3) The customer shall also notify the Telephone Company when an exempted Special Access Service is changed or reterminated such that the exemption is no longer applicable.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.2 Surcharge for Special Access Service (Cont'd)

(C) Exemption of Special Access Service (Cont'd)

(4) The Telephone Company will work cooperatively with the customer to resolve any questions regarding the exemption certification. However, the Telephone Company reserves the right to request additional information from the customer, when necessary, to assure qualifications for exemption of the Surcharge are met. In addition, the Telephone Company may withhold exemption of the service until the dispute is resolved.

(5) Any WATS resellers who had WATS lines in service as of March 13, 1986 will be exempted from the Special Access Surcharge for those lines only during the transition period of June 1, 1986 to January 1, 1987.

(D) Rate Regulations

(1) The Surcharge applies to each channel of a Special Access Service and per voice grade equivalent service derived from a Special Access Service as shown in the following example:

| Special Access Service | Voice Grade Equivalent | | Surcharge | | Monthly Charge |
|---|---|---|---|---|---|
| DS1 | 24 | X | $25 | = | $600.00 |

One Surcharge will apply for each termination of a multipoint Special Access Service at a customer's designated premises.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.2 Surcharge for Special Access Service (Cont'd)

(D) Rate Regulations (Cont'd)

(2) The Telephone Company will bill the appropriate Special Access Surcharge to the ordering customer for each interstate Special Access Service installed unless exemption certification is provided as set forth in 7.4.2 (C) preceding.

(3) If a written certification is not received at the time the Special Access Service is obtained, the Surcharge will be applied. Exempt status will become effective on the certification date indicated by the customer, subject to the regulations set forth in (4) following.

(4) Crediting the Surcharge

Payment of any Special Access Surcharge billed on WATS Access Lines, in service as of June 1, 1986, may be deferred, without penalty, for up to ninety (90) days from the date of the first bill rendered for the Special Access Surcharge.

If appropriate exemption certification is not received by the Telephone Company by the end of the ninety (90) days deferral period, the billed Special Access Surcharges will become due. These charges, if unpaid, will be subject to a late payment charge as set forth in Section 2.4.1 (B)(2) preceding.

The Telephone Company will cease billing the Special Access Surcharge when certification, as set forth in 7.4.2 (C) preceding, is received. If the status of the Special Access Service was changed prior to receipt of the exemption certification, the Telephone Company will credit the customer's account, not to exceed ninety (90) days, based on the effective date of the change as specified by the customer in the letter of certification.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.3 Message Station Equipment Recovery Charge

The Message Station Equipment Recovery Charge is a charge to recover that portion of message station equipment that is assigned to Special Access Service.

Pursuant to CC Docket No. 83-1145 Memorandum Opinion and Order adopted by the Federal Communications Commission on November 8, 1984 and released on November 9, 1984, this charge is assessed only to those customers to which the Special Access Surcharge applies. The rate for the Message Station Equipment Recovery Charge is set forth in 7.5.13 following.

Payment of any Message Station Equipment Recovery Charge billed on WATS Access Lines, in service as of June 1, 1986, may be deferred, without penalty, for up to ninety (90) days from the date of the first bill rendered for the Message Station Equipment Recovery Charge.

If appropriate exemption certification is not received by the Telephone Company by the end of the ninety (90) days deferral period, the billed Message Station Equipment Recovery Charge will become due. These charges, if unpaid, will be subject to a late payment charge as set forth in Section 2.4.1 (B)(2) preceding.

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.4 Minimum Periods

(A) The minimum service period for all services except Digital Data Service, and DS1 and DS3 High Capacity is one month. (D) (D)

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(1) The minimum service period for Digital Data Service and DS1 High Capacity services is two months. (T)

(2) The minimum service period for a DS3 High Capacity service that is provided under a month-to-month payment plan is one year. (D)

(D)

(B) The minimum service period for IntelliLight Entrance Facility services is set forth in 7.2.15(E). (T) (T)

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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.4 Minimum Periods (Cont'd)

(C) The minimum service period for Verizon Optical Networking is set forth in 7.2.20(E).

(D) The minimum service period for a service that is included in a Commitment Discount Plan is specified in Section 25.1.10 following. (T) (T)

(E) The minimum service period for a Special Access DS3 Service or a Special Access DS1 Service that is included in the National Discount Plan is specified in Section 25.3.8 following. (N) | (N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.5 Moves

A move involves a change in the physical location of the customer's premises which also involves a connection to a different rate demarcation point.

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(A) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the first nonrecurring (i.e., installation) charge for the service termination affected. There will be no change in the minimum period requirements.

(B) Moves To a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period and/or Service Discount Plan requirements will be established for the new services. The customer will also remain responsible for satisfying all outstanding minimum period and/or termination liability charges for the discontinued service except as specified in 25.2.5 following.

Certain material previously found on this page can now be found on Original Page 7-178.1.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.6 Reserved for Future Use (C)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.7 Facility Hubs (D)

A customer has the option of ordering Voice Grade facilities or analog or digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, DS1 or DS3) to a facility Hub for distributing or channelizing to individual services requiring lower capacity facilities (e.g., Voice, etc). (D)

When analog or digital high capacity facilities are provided between a customer premises and a facility Hub, the facility will not be considered an end-to-end service until an associated channelized service is installed. The facility Hub will not be considered as a customer premises.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.7 Facility Hubs (Cont'd) (D)

The Telephone Company will commence billing the monthly rate for the facility to the Hub on the date specified by the customer on the service order. Additional individual services utilizing these facilities may be installed coincident with the installation of the facility to the Hub, or may be ordered and/or installed at a later date, at the option of the customer. The customer who orders the High Capacity Service must order all associated individual Access Channelized Services. The customer will be billed for a Voice Grade or a high capacity analog or digital Non-Competitive End User Channel Termination, detariffed Channel Mileage (when applicable), and the detariffed multiplexer at the time the facility is installed. Additional individual service rates (by service type) will apply for a Non-Competitive End User Channel Termination and for additional detariffed Channel Mileage (as required) for each subsequent channelized service. These will be billed to the customer as each individual service is installed. (C) | (C) (C) | (C)

Cascading multiplexing occurs when a high capacity analog or digital channel is de-multiplexed to provide channels with a lesser capacity and one of the lesser capacity channels is further de-multiplexed. For example, a Supergroup facility is de-multiplexed to five Group facilities and then one of the Group facilities is further de-multiplexed to individual Voice Grade channels. (D) | | | | | | | | (D)

(D) | (D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.8 Shared Use Digital High Capacity Services

Shared use occurs when Special Access Service and Switched Access Service are provided over the same High Capacity Special Access Service through a common interface. The facility will be ordered, provisioned and rated as Special Access Service (i.e., Channel Termination, Channel Mileage as appropriate, and Multiplexer and a terminating channelized individual service by Channel Type, and Channel Mileage, as appropriate) until such time as the customer chooses to use a portion of the available capacity for providing Switched Access Service. In certain Shared Used cases, the customer for the Special Access Service and Switched Access Service may be different. A Switched Access customer may, with proper authorization, order Switched Access directly to the Special Access customer's DS1 to VG multiplexer. In situations where the Switched Access order consists of 24 same Line-side or Trunk-side Switched Access connections between the same End Office and/or Tandems, the Switched Access customer may, with proper authorization, order directly to a DS1 port on a DS3 multiplexer.

When individual channels on a DS3 Service Arrangement are activated for Switched Access Service, the rates for DS1 Channel Terminations, DS3 Standard Channel Terminations, and the associated mileage and Multiplexing services will be reduced, based on their rates and capacity, accordingly (e.g., 1/24th for a DS1 service, 1/672nd for DS3 service). All of the above DS3 service rate elements are subject to the provisions of Section 7.4.13 (E), following. This reduction provision does not apply to channels used to provision WATS Access Line Service since it is Special Access. (D) (D)

When a Special Access DS1 Service or Special Access DS3 Service is part of a Shared Use Arrangement, and such service is also included in a National Discount Plan (NDP) as set forth in Section 25.3 following, the NDP discounts as set forth in Section 25.3.5 following must be applied before any rates are reduced or applied under this Section 7.4.8.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.8 Shared Use Digital High Capacity Services (Cont'd)

Switched Access Service rates and charges as set forth in 6.8 preceding will apply for each channel of the shared use facility that is used to provide Switched Access Service. Where Special Access Service is provided utilizing a channel of the shared facility to the Hub or High Capacity rates and charges will apply for the facility to the Hub as set forth preceding and individual service rates and charges will apply from the Hub to the customer designated premises. The rates and charges that will apply to the portion from the Hub to the customer designated premises will be dependent on the specific type of Special Access Service that is provided (e.g., Voice Grade, etc.) The applicable rates and charges will include a Non-Competitive End User Channel Termination (C)
rate and detariffed Channel Mileage, if applicable. Rates |
and charges for optional features and functions associated |
with a Non-Competitive End User Channel Termination, if any, (C)
will apply as set forth in 7.5 following. The customer must place an order for each individual Switched or Special Access Service utilizing the Shared Use Facilities and specify the channel assignment for each such service.

Should the customer displace (reduce) the entire capacity of the Special Access High Capacity Service with Switched Access Service, the Special Access Service will, for billing purposes, be considered disconnected. Any future capacity due to a customer's disconnect of Switched Access Service will be considered Telephone Company inventory. Should the customer subsequently order Special Access Service, this will be treated as a new order and full rates and charges for the Special Access Service type ordered, as set forth in 7.5 following will apply.

7.4.9 Reserved

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.10 Special Access Rate Exceptions

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Services provided by the Telephone Company to connect a customer location to an Interexchange Access Frame Relay Switch (XA-FRS) will be rated as a channel termination. A channel termination at the XA-FRS switch serving office and channel mileage from the customer serving wire center to the XA-FRS switch are not applicable under the provisions of this service.

Certain terms and conditions and rates associated with the provision of Telephone Company services may be waived or excepted. These individual instances of terms and/or conditions exemptions are contained in Section 7.4, following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.11 WATS Access Line Service#

A WATS Access Connection is only provisioned between a customer's premises and a WATS Serving Office (WSO) and there is only one application of the WATS Access Connection Charge. However, there can be additional secondary connections (USOC XEE), which are individual WACs and each will receive the same WAC Connection Charge. These WAC Secondary Connections must always be provisioned via C.O. Bridging.

7.4.12 Reserved for Future Use (C)

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# Service availability limited. Refer to # footnote on Page 7-29.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)
7.4.13 DS3 High Capacity Services#
(A) Payment Plans# and Minimum Periods

Recurring charges for DS3 Services are rated and charged monthly for all commitment plans; Month-to-Month, 3 and 5-year# Term Pricing Plans (TPPs). TPPs are provided with Base Rates as described in Section (B) following and as set forth in 7.5.9 following. Although a TPP may include a circuit that is provided only in part under this tariff, the Telephone Company manages a TPP for an individual circuit as a single plan and applies tariffed and detariffed rates, terms and conditions as applicable.

The minimum service period for DS3 is 12 months.

At the end of a term plan, the customer will not be eligible to receive discounted monthly rates. Non-discounted Month-to-Month rates will apply unless a new TPP is ordered. (T) (T) (D)

Should a customer terminate service prior to completing the minimum period or the plan term period, termination liability may be applicable. Termination liability for the portion of the circuit provided under this tariff is assessed on Non-Competitive End User Channel Termination rate elements. A customer who downgrades a term plan to shorter duration or disconnects the service will be treated as having terminated the service.

In addition to TPP, a customer may select a Commitment Discount Plan (CDP), subject to the terms and conditions set forth in Section 25.1 following.

# Effective May 30, 2019, orders for new 5-Year DS3 TPPs are no longer permitted. Subject to Section 1.1. preceding, the Telephone Company will continue to provide 5-Year DS3 TPPs pursuant to this Section 7.4.13 on any existing 5-Year DS3 TPP that was in-service as of May 30, 2019, or any order for 5-Year DS3 TPP that was placed with the Telephone Company prior to May 30, 2019 (collectively, Existing 5-Year DS3 TPPs), subject to the following conditions:

- The Telephone Company will continue to provide Existing 5-Year DS3 TPPs for the selected commitment period until (i) the customer discontinues service; or (ii) the current commitment period expires, whichever comes first.
- Renewal of an Existing 5-Year DS3 TPP is not permitted.
- Moves and changes are permitted provided that they do not require a new commitment period.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.13 DS3 High Capacity Services#

(B) Base Rates

The rates charges under 3-Year and 5-year TPPs are based upon Base Rates as specified in Section 7.5.9 following. Such rates may change during the commitment period, but in no case will the Base Rate exceed the non-discounted monthly rate for the service. In order to calculate the rates the customer will pay, the following discount percentages are applied to the Base Rates Monthly Rate Per CT for 3-Year and 5-Year TPPs for DS3 High Capacity Channel Terminations and Optional Features and Functions. Discount percentages are not applied to nonrecurring rates. (D)

| | |
|---|---|
| 3-Year | 10% |
| 5-Year# | 35% |

# Service availability limited. Refer to # footnote on Page 7-197.

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)
7.4.13 DS3 High Capacity Services# (Cont'd)

(C) Discontinuance Without Liability

A customer may discontinue a 3-year term plan without penalty by entering the same system configuration into a new 3-year term plan prior to the expiration of the plan.

A customer may discontinue a term plan without liability if the service is upgraded (changed to a higher bandwidth/capacity service or to a higher speed service) through aggregation of existing services or service additions, and agrees to a new term plan of equal or greater length. Any additional services or circuits added to make up the upgrade will be subject to all applicable nonrecurring charges.

Termination liability will not apply when a customer meets the requirements for "portability". Portability is the replacement of a service under a DS3 Term Pricing Plan (TPP) with another service. Portability requirements are as follows: (D)

(D)
(D)

- The replacement service must be of the same speed or type, and must not already be in a Term Pricing Plan.
- The replacement service must be subscribed to a new Term Pricing Plan of equal or greater length to the disconnected plan or the longest term available. (N) | (N)
- The orders to accomplish the replacement are placed, in a manner designated by the Telephone Company to associate the orders for purposes of applying this section, on the same day with due dates within ninety (90) days of each other. (C) | | (C)

(D) | | (D)

- The replacement service is subject to any applicable nonrecurring charges.

If the customer cancels an Access Order which would have otherwise satisfied portability requirements for a discontinued TPP service, termination liability for the discontinued TPP service will apply. (N) | | (N)

A request to disconnect DS3 High Capacity Service in order to replace it with a Replacing Service pursuant to the Technology Migration regulations set forth in Section 2.9 preceding. (T)

# Service availability limited. Refer to # footnote on Page 7-197.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.13 DS3 High Capacity Services# (Cont'd)

(C) Discontinuance Without Liability (Cont'd)

For TPPs established prior to December 17, 2019, in the event that the Telephone Company initiates a rate increase and the discounted monthly rate for the affected service increases, in aggregate, by eight percent (8%) or more, the customer may cancel its TPP for the affected service without termination liability. The customer must exercise its option to cancel the TPP for the affected service within thirty (30) days of the date of the effective rate increase. (C) (T) (T)

A customer may cancel a term plan on its DS3 High Capacity Services without penalty in order to include such DS3 High Capacity Services in a Commitment Discount Plan (as set forth in Section 25.1 following). (D)

# Service availability limited. Refer to # footnote on Page 7-197.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.13 DS3 High Capacity Services# (Cont'd)

(D) Discontinuance With Liability

For service discontinued prior to completion of the minimum service period, the customer will be liable for 100% of the total monthly charges for the unexpired portion. Total monthly charges are calculated based upon the rate band determined in the last count taken.

DS3 Term Pricing Plans are provided in conjunction with an Early Termination Provision (ETP) agreement.

(1) DS3 Term Pricing Plans established or renewed prior to January 1, 2021 (N) (N)

ETP is calculated using either of the following options that provides the customer with the lowest termination liability.

Option I

- In addition to the minimum period liability of 100%, the customer will be liable for 15% of the total monthly charges for the remaining portion of the term plan.

# Service availability limited. Refer to # footnote on Page 7-197.

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)
7.4.13 DS3 High Capacity Services# (Cont'd)
(D) Discontinuance With Liability (Cont'd)
(1) DS3 Term Pricing Plans established or renewed prior to January 1, 2021 (N) (N)

Option II

In addition to the minimum period liability of 100%, the following applies:

- Where there is neither a basic Month-to-Month rate nor a TPP period less than the actual time the service has been in effect, Option 1 applies.

- Where there is no TPP period less than the actual time the service has been in effect, the termination liability charge will be the difference between the full basic Month-to-Month rate and the selected TPP monthly rate for the period the plan has been in effect after the minimum period.

- Where there is a TPP period less than the actual time the service has been in effect, the termination liability charge will be the difference between the monthly rate for the highest TPP period that could have been satisfied prior to discontinuation of the service and the monthly rate for the selected commitment period multiplied by the actual number of months the plan has been in effect after the minimum period.

(2) DS3 Term Pricing Plans established or renewed on or after January 1, 2021 (N)

Termination liability is calculated at fifty percent (50%) of the MRCs for the remainder of the TPP period after the Minimum Period. Termination liability applies in addition to any Minimum Period obligation specified in Section 5.2.5 preceding which may be applicable. (N)

(E) Shared Use

DS3 service arrangements in shared use situations must have at least one channel of Special Access service to be billed as a Special Access facility.

# Service availability limited. Refer to # footnote on Page 7-197.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.14 Shared Network Arrangement

A Shared Network Arrangement constitutes an agreement between one Host Subscriber and one Service User permitting the Service User to connect a specified number of subtending circuits to one specified multiplexer on the Host's service. Agreements between one Host Subscriber and two (or three, etc.) Service Users shall be deemed to comprise two (or three, etc. respectively) separate "Arrangements." However, an agreement to expand the scope of an existing Arrangement by subsequently increasing the number of subtending circuits on the same multiplexed shall not constitute a new or separate "Arrangement."

A Shared Network Arrangement shall be established between a Host Subscriber and a Service User upon the completion of the service order for the first circuit(s) in the arrangement. No Shared Network Arrangement shall be deemed to be in effect until at least one subtending circuit has been installed for the Service User. A Shared Network Arrangement shall be deemed cancelled when the last subtending circuit has been disconnected.

A Processing charge will apply for handling service orders in a Shared Network Arrangement. The Processing Charge is contained in Section 7.5.9(D), and applies in addition to all other applicable rates and charges. (D)



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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.15 Reserved for Future Use (C)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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Vice President, Federal Regulatory (T)
1300 I Street, NW, Washington, DC 20005 (T)

ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)
7.4.17 Digital Data and DS1 High Capacity Services#, ## (T)

(A) Basic Service (M)

The minimum service period for basic Digital Data Service (DDS) and DS1 High Capacity Service (DS1) is two months. When service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the two-month minimum period.

Customers may, at any time, change their basic DS1 High Capacity service payment option to a DS1 Term Payment Plan without assessment of the minimum period service charge.

(B) Term Pricing Plans are pricing options available to customers who subscribe to specific longer term commitment periods in exchange for reduced monthly rates. (M)

# Service availability limited. Refer to # and ## footnotes on Page 7-209. (N)

Material on this page formerly appeared on 2nd Revised Page 7-209.

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)
7.4.17 Digital Data and DS1 High Capacity Services#, ## (Cont'd)
(B) Term Pricing Plans (TPP) Description (Cont'd)

Although a TPP may include a circuit that is provided only in part under this tariff, the Telephone Company manages a TPP for an individual circuit as a single plan and applies tariffed and detariffed rates, terms and conditions as applicable. (N)

(1) TPPs for Digital Data Services are available in 2, 3, and 5-year commitment periods. DS1 High Capacity Services are available in 2, 3, 5##, and 7-year## commitment periods.

# Effective November 16, 2018, orders for new Digital Data Service TPPs are no longer permitted. Subject to Section 1.1 preceding, the Telephone Company will continue to provide Digital Data Service TPPs pursuant to this Section 7.4.17(B) on any existing Digital Data Service TPP that was in-service as of November 16, 2018, or any order for Digital Data Service TPP that was placed with the Telephone Company prior to November 16, 2018 (collectively, Existing DDS TPPs), subject to the following conditions: (C) (T) (T)

- The Telephone Company will continue to provide Existing DDS TPPs for the selected commitment period until (i) the customer discontinues service; (ii) the customer converts to a DDS provided on a month to month basis under Section 7.4.17(A); or (iii) the current commitment period expires, whichever comes first. Upon expiration of the commitment period, if the customer has taken no action, the Telephone Company will convert the customer to basic DDS service offered under Section 7.4.17(A).
- Renewal of an Existing DDS TPP is not permitted.
- Moves and changes are permitted provided that they do not require a new commitment period.

## Effective May 30, 2019, orders for new 5- or 7-Year DS1 High Capacity TPPs are no longer permitted. Subject to Section 1.1 preceding, the Telephone Company will continue to provide 5- and 7-Year DS1 High Capacity TPPs pursuant to this Section 7.4.17(B) on any existing 5- and 7-Year DS1 High Capacity TPP that was in-service as of May 30, 2019, or any order for 5- or 7-Year DS1 High Capacity TPP that was placed with the Telephone Company prior to May 30, 2019 (collectively, Existing 5- and 7-Year DS1 TPPs), subject to the following conditions: (C) (T) (T)

- The Telephone Company will continue to provide Existing 5- and 7-Year DS1 TPPs for the selected commitment period until (i) the customer discontinues service; or (ii) the current commitment period expires, whichever comes first.
- Renewal of an Existing 5- or 7-Year DS1 TPP is not permitted.
- Moves and changes are permitted provided that they do not require a new commitment period.

Certain information previously found on this page can now be found on Original Page 7-209.1.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 Digital Data and DS1 High Capacity Services# (Cont'd)

(B) Term Pricing Plans (TPP) Description (Cont'd)

(2) Customers have the option of purchasing: (T) (x)

- Digital Data Service plans are applicable to channel terminations and channel mileage. Channel Terminations other than End User Channel Terminations in Non-Competitive Counties and channel mileage are detariffed. The channel terminations and channel mileage (both fixed and per mile) rate elements for a given circuit must be included in the same individual Term Pricing Plan. (M) (C) (C) (M) (M) (D) (D) (x)

(x) Certain information on this page formerly appeared on 3rd Revised Page 7-209.

# Service availability limited. Refer to # and ## footnotes on Page 7-209.

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 Digital Data and DS1 High Capacity Services# (Cont'd)

(B) Term Pricing Plans (TPP) Description (Cont'd)

(2) (Cont'd)

- Multiple Digital Data Services must be of the same speed in order to be in the same individual Term Pricing Plan.

- DS1 High Capacity Service plans are applicable to channel terminations, associated DS1 Multiplexers (DS1 to Voice, DS1 to Digital, and DS1 to DS0), and channel mileage, fixed and per mile. Channel Terminations other than Non-Competitive End User Channel Terminations, associated DS1 multiplexers and channel mileage are detariffed. The channel termination, associated multiplexer, and channel mileage (both fixed and per mile) rate elements for a given circuit must be included in the same TPP. (D) (C) | | | | (C) (D)

(3) Term Pricing Plans rates for Non-Competitive End User Channel Terminations are detailed in Section 7.5.16. Term Pricing Plans do not include optional features except for associated DS1 multiplexing in the DS1 TPPs. Other optional features are available at Basic Service rates. (C) (C) (T)

Term Pricing Plans are not applicable to services in other rate plans. (D)

# Service availability limited. Refer to # and ## footnotes on Page 7-209.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 Digital Data and DS1 High Capacity Services# (Cont'd)

(C) TPP Terms and Conditions

(1) When requesting a Term Pricing Plan, the customer must specify the length of the desired commitment period and the services which are to be included in the plan.

(2) When requesting any Term Pricing Plan activity regarding channel terminations, the customer must specify by billing account and circuit identification number which circuits are to be affected.

(3) Reserved. (C)

(4) At the end of a TPP commitment period, the service(s) will be billed at the basic rate unless the DS1 customer subscribes to a new TPP.

(5) Termination liability for the portion of the service under this tariff is assessed on Non-Competitive End User Channel Terminations. (C) | (C)

Certain material previously found on this page can now be found on 3rd Revised Page 7-216.

# Service availability limited. Refer to # and ## footnotes on Page 7-209.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 Digital Data and DS1 High Capacity Services# (Cont'd)

(D) TPP Termination Liability

(1) A termination liability payment is applicable when a service is disconnected in full or in part prior to the end of the selected commitment period or where the customer fails to comply with the conditions required for a TPP, except as set forth in (E) following.

(2) If the customer requests all channels of a DS1 service to be used for Switched Access, the request will be treated as a disconnect and termination liability will be assessed.

(3) The termination liability payment for the portion of the service offered under this tariff applies to each channel termination recurring rate element which is disconnected prior to the expiration of the commitment period of the Term Pricing Plan. (C) (C) (D)

# Service availability limited. Refer to # and ## footnotes on Page 7-209.

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 Digital Data and DS1 High Capacity Services# (Cont'd)

(D) TPP Termination Liability (Cont'd)

(4) DS1 High Capacity TPPs established or renewed prior to January 1, 2021 and Digital Data Services TPPs (N) | (N)

The termination liability charge is calculated as set forth in (a) or (b) following: when calculating termination liability charges, the Telephone Company will apply the option which provides the customer with the lowest termination liability charge.

(a) Option I

For services discontinued within the first year, the customer will be liable for 100% of the total monthly charges for the unexpired portion of the initial 12 months, and 15% of the total monthly charges for the remainder of the TPP commitment period.

For services discontinued after the first 12 months of a plan, customers will be liable for 15% of the total monthly charges for the remaining portion of their Term Pricing Plan commitment period.

(b) Option II

For services discontinued within the first year and prior to the end of the selected commitment period, the termination liability charge will be the difference between the full Basic monthly rates and the TPP monthly rates for the period the plan has been in effect.

For services discontinued after the first 12 months of a plan but prior to the end of the selected commitment period, the following applies:

- Where there is no TPP period less than the actual time the services have been in effect the termination liability charge will be the difference between the full Basic monthly rates and the selected TPP monthly rates for the period the plan has been in effect.

# Service availability limited. Refer to # and ## footnotes on Page 7-209.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 Digital Data and DS1 High Capacity Services# (Cont'd)

(D) TPP Termination Liability (Cont'd)

(4) DS1 High Capacity TPPs established or renewed prior to January 1, 2021 and Digital Data Services TPPs (Cont'd) (N) | (N)

(b) Option II (Cont'd)

- Where there is a TPP period less than the actual time the services have been in effect, the termination liability charge will be the difference between the monthly rates for the highest TPP period that could have been satisfied prior to discontinuation of the service and the monthly rates for the selected commitment period multiplied by the actual number of months the plan has been in effect.

For example, if a customer subscribes to a 5-year TPP and disconnects service during the thirty-seventh month, the highest TPP period that could have been satisfied is three years. The customer's termination liability would be calculated as follows: (3-year monthly TPP rate - 5-year monthly TPP X 37 months).

(5) DS1 High Capacity TPPs established or renewed on or after January 1, 2021 (N) | | | | | | | (N)

Termination liability is calculated at fifty percent (50%) of the MRCs for the remainder of the TPP period after the Minimum Period. Termination liability applies in addition to any Minimum Period obligation specified in Section 5.2.5 preceding which may be applicable.

(D) | | | | (D)

# Service availability limited. Refer to # and ## footnotes on Page 7-209.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 Digital Data and DS1 High Capacity Services# (Cont'd)

(E) TPP Termination Without Liability

(1) For TPPs established prior to December 17, 2019, in the event that the Telephone Company initiates a rate increase and the discounted monthly rate for the affected service increases, in aggregate, by eight percent (8%) or more, the customer may cancel its TPP for the affected service without termination liability. The customer must exercise its option to cancel the TPP for the affected service within thirty (30) days of the date of the effective rate increase. (C)(x) (M) (M)(x)

(2) For DS1 High Capacity Services, a request to change to a longer commitment period will nullify the current termination liability. All terms and conditions associated with the new TPP will apply.

(3) Termination liability is not applicable if the customer requests to upgrade service to a higher capacity (e.g., DDS to DS1, DS1 to DS3) service and meets all of the following conditions:

- The new service is purchased under a long-term agreement equal to or greater than the commitment period of the service being disconnected.
- The orders for the disconnect of the existing TPP rate elements and the new connect are received by the Telephone Company at the same time, with due dates within 90 days of each other, and are related together by a Related Purchase Order Number (RPON).
- The total bandwidth (in kbps) of the service is greater than or equal to the bandwidth of the discontinued service(s).

(x) Certain material on this page formerly appeared on 2nd Revised Page 7-211.

# Service availability limited. Refer to # and ## footnotes on Page 7-209.

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)
7.4.17 Digital Data and DS1 High Capacity Services# (Cont'd)
(E) TPP Termination Without Liability (Cont'd)

(4) Termination liability will not apply when a DS1 High Capacity Service customer meets the requirements for "portability". Portability is the replacement of a service under a TPP with another service. (D)
Portability requirements are as follows:

- The replacement service must be of the same speed or type, and must not already be in a Term Pricing Plan.
- The replacement service must be subscribed to a new Term Pricing Plan of equal or greater length to the disconnected plan or the longest term available. (N) (N)
- The orders to accomplish the replacement are placed, in a manner designated by the Telephone Company to associate the orders for purposes of applying this section, on the same day with due dates within ninety (90) days of each other. (C) (C) (D) (D)
- The replacement service is subject to any applicable nonrecurring charges. (N) (N)

If the customer cancels an Access Order which would have otherwise satisfied portability requirements for a discontinued TPP service, termination liability for the discontinued TPP service will apply. (N) (N)

(5) A request to disconnect DS1 High Capacity Service in order to replace it with a Replacing Service pursuant to the Technology Migration regulations set forth in Section 2.9 preceding. (T)

(6) A customer may cancel a term plan on its DS1 High Capacity Services without penalty in order to include such DS1 High Capacity Services in a Commitment Discount Plan (as set forth in Section 25.1 following). (T)

# Service availability limited. Refer to # and ## footnotes on Page 7-209.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 Digital Data and DS1 High Capacity Services# (Cont'd)

(F) Additions to TPPs

Customers with existing Term Pricing Plans who wish to increase the number of their DDS or DS1 services have the following options:

- Subscribe to the additional services under the basic payment plan.
- For DS1 High Capacity Services, subscribe to the additional services under a separate Term Pricing Plan.

# Service availability limited. Refer to # and ## footnotes on Page 7-209. (T)



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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)
7.4.17 Digital Data and DS1 High Capacity Services (Cont'd)
(G) Reserved for Future Use (C)

(D)

(D)



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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 Digital Data and DS1 High Capacity Services (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

(D)

(D)

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)
7.4.18 Voice Grade Service Term Pricing Plans#
(A) Description

Term Pricing Plans, TPPs, are pricing options available to customers who subscribe to specific longer term commitment periods in exchange for reduced monthly rates. Although a TPP may include a circuit that is provided only in part under this tariff, the Telephone Company manages a TPP for an individual circuit as a single plan and applies tariffed and detariffed rates, terms and conditions as applicable. (N) (N)

(1) The channel termination and the channel mileage (fixed and per-mile) rate elements are applicable for Voice Grade Service TPPs. Channel Terminations other than Non-Competitive End User Channel Terminations and channel mileage are detariffed. (T) (C) (C)

(2) Voice Grade Term Pricing Plans do not include optional features. Optional features for Voice Grade Services in TPPs are available at basic service rates. (D) (T)

(3) Term Pricing Plans are not applicable to services in other rate plans. (T)

(4) Term Pricing Plan rates for Non-Competitive End User Channel Terminations are detailed in Section 7.5.3. The nonrecurring rates for TPPs are the same as for Basic Service. (D) (C) (C)

(D)

# Effective November 16, 2018, orders for new Voice Grade Service TPPs are no longer permitted. Subject to Section 1.1 preceding, the Telephone Company will continue to provide Voice Grade Service TPPs pursuant to this Section 7.4.18 on any existing Voice Grade Service TPP that was in-service as of November 16, 2018, or any order for Voice Grade Service TPP that was placed with the Telephone Company prior to November 16, 2018 (collectively, Existing VG TPPs), subject to the following conditions: (C) (T) (T)

- The Telephone Company will continue to provide Existing VG TPPs for the selected commitment period until (i) the customer discontinues service; (ii) the customer converts to a Voice Grade Service provided on a month to month basis under Section 7.2.3; or (iii) the current commitment period expires, whichever comes first. Upon expiration of the commitment period, if the customer has taken no action, the Telephone Company will convert the customer to basic Voice Grade Service offered under Section 7.2.3.
- Renewal of an Existing VG TPP is not permitted.
- Moves and changes are permitted provided that they do not require a new commitment period.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.18 Voice Grade Service Term Pricing Plans# (Cont'd)

(B) Terms and Conditions (T)

(1) When requesting any Term Pricing Plan activity regarding channel terminations, the customer must specify by billing account and circuit identification number which circuits are to be affected. (T)

(D)
|
|
|
(D)

(2) Customers with existing TPPs who wish to increase the number of their Voice Grade services must subscribe the additional services to the basic service plan. (T) (D)

(3) At the end of a TPP commitment period, the service(s) will be billed at the basic rate. (T)

# Service availability limited. Refer to # footnote on Page 7-222.



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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.18 Voice Grade Service Term Pricing Plans# (Cont'd)

(C) TPP Termination Liability

(1) A termination liability payment is applicable when a service is disconnected in full or in part prior to the end of the selected commitment period or when the customer fails to comply with the conditions required for a TPP, except as set forth in (D) following.

(2) For TPP services designated on a circuit-by-circuit basis, the termination liability payment for the portion of the service under this tariff applies to each recurring rate element for Non-Competitive End User Channel Termination(s) which is disconnected prior to the expiration of the commitment period of the Term Pricing Plan. (C) | (C)

(3) The termination liability charge is calculated as set forth in (a) or (b) following. The Telephone Company will apply the option which provides the customer with the lowest termination liability charge.

# Service availability limited. Refer to # footnote on Page 7-222.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.18 Voice Grade Service Term Pricing Plans# (Cont'd) (T)

(C) TPP Termination Liability (Cont'd)

(3) (Cont'd)

(a) Option I

For services discontinued within the first year, the customer will be liable for 100% of the total monthly charges for the unexpired portion of the initial 12 months, and 15% of the total monthly charges for the remainder of the TPP commitment period.

For services discontinued after the first 12 months of a plan, customers will be liable for 15% of the total monthly charges for the remaining portion of their Term Pricing Plan commitment period.

(b) Option II

For services discontinued within the first year, the termination liability charge will be the difference between the full Basic monthly rates and the TPP monthly rates for the period the plan has been in effect.

For services discontinued after the first 12 months of a plan but prior to the end of the selected commitment period, the following applies:

- Where there is no TPP period less than the actual time the services have been in effect the termination liability charge will be the difference between the full Basic monthly rates and the selected TPP monthly rates for the period the plan has been in effect.

- Where there is a TPP period less than the actual time the services have been in effect, the termination liability charge will be the difference between the monthly rates for the highest TPP period that could have been satisfied prior to discontinuation of the service and the monthly rates for the selected commitment period multiplied by the actual number of months the plan has been in effect.

# Service availability limited. Refer to # footnote on Page 7-222. (N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.18 Voice Grade Service Term Pricing Plans# (Cont'd)

(C) TPP Termination Liability (Cont'd)

(3) (Cont'd)

(b) Option II (Cont'd)

For example, if a customer subscribes to a 5-year TPP and disconnects service during the thirty-seventh month, the highest TPP period that could have been satisfied is three years. The termination liability would be calculated as follows: 3-year monthly TPP rate - 5-year monthly TPP rate X 37 months.

(D) TPP Termination Without Liability

(1) For TPPs established prior to December 17, 2019, termination liability will not apply when cancellation of a Term Plan occurs within thirty (30) days of the effective date of a Telephone Company initiated rate increase of eight percent (8%) or more on any rate applicable to the Term Plan. (C) (D)

# Service availability limited. Refer to # footnote on Page 7-222.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.18 Voice Grade Service Term Pricing Plans# (Cont'd) (T)

(D) TPP Termination Without Liability (Cont'd)

(D)

(D)

7.4.19 Commitment Discount Plans

(A) At the option of the customer, IEF, DS3 High Capacity/44.736 Mbps Service and DS1 High Capacity/1.544 Mbps Service, Digital Data Service, and Voice Grade Service may be provided under a Commitment Discount Plan as specified in Section 25.1 following.

(B) When a newly installed service is added to a Commitment Discount Plan, the channel termination nonrecurring charge which applies is $1.00.

(C) If a customer establishes a Commitment Discount Plan (CDP) for at least one (1) service type listed in Section 25.1.1 following and subscribes to other services listed in Section 25.1.1 following at any time that a CDP is in effect, the customer may not establish or maintain a term plan for any services that are eligible for inclusion in CDP with the limited exception of IEF services as set forth in Section 25.1 following.

# Service availability limited. Refer to # footnote on Page 7-222. (N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

(D)

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

(D)

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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd) (D)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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(D)



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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.4 Rate Regulations (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd) (D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd) (D)

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(D)



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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd) (D)

(D)

(D)



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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd) (D)

(D)

(D)



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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd) (D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd) (D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd) (D)

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(D)



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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd) (D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd) (D)

(D)

(d)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)
7.5.1 Reserved for Future Use (C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.2 Reserved for Future Use (C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)
7.5.3 Voice Grade Service#

| | USOC | Monthly Rates | |
|---|---|---|---|
| (A) Channel Termination - per point of termination | | | |
| (1) Payment Plan## | | | |
| - Two-Wire | | | |
| Basic (month-to-month) | | | |
| Price Cap | T6E2X | $32.72 | (I) |
| 3-Year TPP | | | |
| Price Cap | TZ4SA | 25.03 | (I) |
| 5-Year TPP | | | |
| Price Cap | TZ4GA | 23.00 | (I) |
| - Four-Wire | | | |
| Basic | | | |
| Price Cap | T6E4X | 64.70 | (I) |
| 3-Year TPP | | | |
| Price Cap | TZ4SB | 51.19 | (I) |
| 5-Year TPP | | | |
| Price Cap | TZ4GB | 48.50 | (I) |

# Service availability limited. Refer to # footnote on Page 7-19.
## Service availability limited. Refer to # footnote on Page 7-222.

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)
7.5.3 Voice Grade Service# (Cont'd)
(A) Channel Termination (Cont'd)
- per point of termination
(2) Nonrecurring Charges

| | USOC | First | Additional | |
|---|---|---|---|---|
| - Two-Wire Installation/Change Price Cap | | $266.72 | $195.50 | (D) |
| | | | | (D) |
| - Four-Wire Installation/Change Price Cap | | $379.77 | $272.96 | (D) |

(D)

# Service availability limited. Refer to # footnote on Page 7-19.

(D)



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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service# (Cont'd)

(C) Optional Features and Functions

| | USOCs | Monthly Rates | Nonrecurring Charges | |
|---|---|---|---|---|
| (1) Bridging | | | | |
| (a) Voice Bridging - per port | | | | |
| Two-Wire Price Cap | BCNV2 | $26.47 | None | (D) \| (D) |
| Four-Wire Price Cap | BCNV4 | 17.65 | None | (D) \| (D) |
| (b) Data Bridging - per port | | | | |
| Two-Wire Price Cap | BCND2 | 12.20 | None | (D) \| (D) |
| Four-Wire Price Cap | BCND4 | 12.20 | None | (D) \| (D) |

# Service availability limited. Refer to # footnote on Page 7-19.



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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service# (Cont'd)

(C) Optional Features and Functions (Cont'd)

(1) Bridging (Cont'd)

(d) DATAPHONE Select-A-Station Bridging (Cont'd)

| | USOC | Monthly Rates | Nonrecurring Charges | |
|---|---|---|---|---|
| Addressable Arrangement | | | | |
| - Common Equipment* | KCN | | | |
| Price Cap | | $250.52 | None | (D) \| (D) |
| - Ports | | | | |
| - Per 2-wire channel connected | KQ2 | | | |
| Price Cap | | 15.03 | None | (D) \| (D) |
| - Per 4-wire channel connected | KQ4 | | | |
| Price Cap | | 40.08 | None | (D) \| (D) |

* Rate does not apply in the District of Columbia, Maryland, Virginia, or the State of New Jersey.

# Service availability limited. Refer to # footnote on Page 7-19.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service# (Cont'd)

(C) Optional Features and Functions (Cont'd)

(1) Bridging (Cont'd)

(e) Telemetry and Alarm Bridging

| | USOCs | Monthly Rates | Nonrecurring Charges | |
|---|---|---|---|---|
| Active Bridging Channel Connections | | | | |
| Split Band | | | | |
| - Per channel connected | CNLRX | | | |
| Price Cap | | $17.65 | None | (D) \| (D) |

# Service availability limited. Refer to # footnote on Page 7-19.



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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service# (Cont'd)

| | USOC | Monthly Rates | Nonrecurring Charges | |
|---|---|---|---|---|
| (2) Conditioning, - Per point of termination | | | | |
| C – Type | X1CPT | | | |
| Price Cap | | $ 2.00 | None | (D) \| (D) |
| Improved Attenuation Distortion | UHW | | | |
| Price Cap | | $ 2.00 | None | (D) \| (D) |
| Improved Envelope Delay Distortion | UHY | | | |
| Price Cap | | $75.16 | None | (D) \| (D) |
| Sealing Current | 1HBPT | | | |
| Price Cap | | None | None | (D) \| (D) |

# Service availability limited. Refer to # footnote on Page 7-19.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service# (Cont'd)

(C) Optional Features and Functions (Cont'd)

| | USOC | Monthly Rates | Nonrecurring Charges | |
|---|---|---|---|---|
| (3) Improved Return Loss for Effective Two-Wire Transmission or Improved Termination for Four-Wire Transmission | | | | |
| Improved Return Loss - Per point of termination - Two-Wire | 1RL2W | | | |
| Price Cap | | $ 7.01 | None | (D) \| (D) |
| Improved Termination - Per point of termination - Four-Wire | 1RL4W | | | |
| Price Cap | | $ 9.02 | None | (D) \| (D) |
| (4) Reserved | | | | |
| (5) Data Capability**, per point of termination | XDCPT | | | |
| Price Cap | | $ 2.00 | $250.52 | (D) \| (D) |
| (6) Reserved | | | | |

* Rate does not apply in the states of Delaware and Pennsylvania.
** Monthly rate does not apply in the Verizon DC, MD, or VA Companies.
# Service availability limited. Refer to # footnote on Page 7-19.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service# (Cont'd)

(C) Optional Features and Functions (Cont'd)

| | USOCs | Monthly Rates | Nonrecurring Charges | |
|---|---|---|---|---|
| (7) Signaling Capability, per point of termination | XSS++ | | | |
| Price Cap | | $ 4.65 | None | (D) \| (D) |

- In lieu of ++, substitute appropriate two digit code from following list to specify type of signaling.

AB
AC
CT
DX
DY
EA
EB
EC
EX
GO
GS
LA
LB
LC
LO
LR
LS
RV
SF

# Service availability limited. Refer to # footnote on Page 7-19.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service# (Cont'd)

(C) Optional Features and Functions (Cont'd)

| | USOC | Monthly Rates | Nonrecurring Charges | |
|---|---|---|---|---|
| (8) Reserved | | | | (C) (D) (D) |
| (9) Reserved | | | | (C) (D) (D) |

# Service availability limited. Refer to # footnote on Page 7-19.

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)
7.5.3.1 WATS Access Line Service#

| | USOC | Monthly Rates | |
|---|---|---|---|
| (A) WATS Access Connection (WAC) -Per point of termination | | | |
| Two-Wire | X2W/XEE2X | | |
| Price Cap | | $ 40.89 | (I) |
| Four-Wire | X4W/XEE4X | | |
| Price Cap | | $ 81.74 | (I) |

| Nonrecurring Charges -Per point of termination | First | Additional |
|---|---|---|
| -Two-Wire Installation/Charge | | |
| Price Cap | $266.72 | $195.50 |
| -Four-Wire Installation/Change | | |
| Price Cap | $379.77 | $272.96 |

# Service availability limited. Refer to # footnote on Page 7-29.



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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service (Cont'd)

7.5.3.1 WATS Access Line Service#

(D)

| (B) Optional Features and Functions | USOC | Monthly Rates | Nonrecurring Charges | (T) |
|---|---|---|---|---|
| (1) Bridging | | | | |
| (a) WAC Bridging, Per port | | | | |
| - Two-Wire Price Cap | BCNV2 | $37.50 | None | (D) |
| - Four-Wire Price Cap | BCNV4 | 25.00 | None | (D) |
| (2) Improved Two-Wire Transmission Specifications* - Per point of Termination Price Cap | X2T | 11.25 | None | (D) |

(D)

* Rate does not apply in the states of New Jersey and Pennsylvania. (D)
# Service availability limited. Refer to # footnote on Page 7-29.

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)
7.5.4 Reserved for Future Use (C) (D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.5 Reserved for Future Use (C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

(D)
(D)



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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

(D)



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ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)
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(D)
(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.6 Reserved for Future Use (C) (D)

(D)

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.7 Reserved for Future Use (C) (D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

(D)

(D)

(D)



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(T)
(T)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)
7.5.8 Digital Data Service#
(A) Channel Termination
- Per point of termination

| | USOC | Monthly Rates | Nonrecurring Charges First | Nonrecurring Charges Additional | |
|---|---|---|---|---|---|
| 2.4 kbps | TNTM2/T6ECS* | | | | |
| Price Cap | | $154.23 | | | (I) |
| 4.8 kbps | TNTM2/T6ECS* | | | | |
| Price Cap | | $171.52 | | | (I) |
| 9.6 kbps | TNTM2/T6ECS* | | | | |
| Price Cap | | $188.84 | | | (I) |
| 19.2 kbps | TNTM2/T6ECS* | | | | |
| Price Cap | | $205.49 | | | (I) |
| 56.0 kbps | TNTM2/T6ECS* | | | | |
| Price Cap | | $228.20 | | | (I) |
| 64.0 kbps | TNTM2/T6ECS* | | | | |
| Price Cap | | $240.86 | | | (I) |
| Installation/Change | TNTM2/T6ECS* | | | | |
| Price Cap | | | $200.00 | $120.00 | |

*** Effective January 31, 2002, the 4-wire service associated with the T6ECS/NRBGH USOC is no longer available for new service requests. However, the Company may still use the USOC in instances where the TNTM2/NRBBG USOC cannot be used.**

# Service availability limited. Refer to # footnote on Page 7-58.



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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.8 Digital Data Service# (Cont'd)

| | USOCs | Monthly Rates | Nonrecurring Charges | |
|---|---|---|---|---|
| (B) Optional Features and Functions | | | | (T) |
| (1) Bridging, per port | BCNDA | | | |
| Price Cap | | $12.41 | None | (D) \| (D) |
| (2) Reserved | | | | |

# Service availability limited. Refer to # footnote on Page 7-58.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.8 Digital Data Service# (Cont'd)

(B) Optional Features and Functions (Cont'd) (T)

| | USOC | Monthly Rates | Nonrecurring Charges | |
|---|---|---|---|---|
| (3) Secondary Channel Capability - Per Channel Termination | | | | |
| - 2.4 kbps Price Cap | SSE24 | $0.00 | None | (D) \| (D) |
| - 4.8 kbps Price Cap | SSE48 | $0.00 | None | (D) \| (D) |
| - 9.6 kbps Price Cap | SSE96 | $0.00 | None | (D) \| (D) |
| - 56.0 kbps Price Cap | SSE56 | $0.00 | None | (D) \| (D) |

# Service availability limited. Refer to # footnote on Page 7-58.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)
7.5.9 High Capacity Service
(A) Channel Termination
- Per point of termination

| | USOC | Monthly Rates | Nonrecurring Charges First | Nonrecurring Charges Additional | |
|---|---|---|---|---|---|
| (1) Basic Service | | | | | |
| a) Electrical Interface | | | | | |
| 1.544 Mbps/DS1 | | | | | |
| Rate Zone 1 | TMECS | $248.42 | | | (I) |
| Rate Zone 2 | TMECS | 275.10 | | | (I) |
| Rate Zone 3 | TMECS | 291.92 | | | (I) |
| Installation/Change | | | | | |
| Rate Zone 1 | | | $355.00 | $220.00 | |
| Rate Zone 2 | | | 355.00 | 220.00 | |
| Rate Zone 3 | | | 355.00 | 220.00 | |

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 High Capacity Service (Cont'd)

(A) Channel Termination (Cont'd)
- Per point of termination (Cont'd)

(1) Basic Service (Cont'd)

(a) Electrical Interface (Cont'd)

44.736 Mbps/DS3

Rate Zone 1, Month-to-Month

| | USOC | Monthly Rate, Per CT | Nonrecurring Charge |
|---|---|---|---|
| Per DS3 CT at each Secondary Premises | TYFLS | $2,041.15 (I) | 1.00 |

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 High Capacity Service (Cont'd)

(A) Channel Termination (Cont'd)
- Per point of termination (Cont'd)

(1) Basic Service (Cont'd)

(a) Electrical Interface (Cont'd)

44.736 Mbps/DS3 (Cont'd)
Rate Zone 2, Month-to-Month

| | USOC | Monthly Rate, Per CT | Nonrecurring Charge |
|---|---|---|---|
| Per DS3 CT at each Secondary Premises | TYFLS | $2,143.21 (I) | 1.00 |

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 High Capacity Service (Cont'd)

(A) Channel Termination (Cont'd)
- Per point of termination (Cont'd)

(1) Basic Service (Cont'd)

(a) Electrical Interface (Cont'd)

44.736 Mbps/DS3 (Cont'd)

Rate Zone 3, Month-to-Month

| | USOC | Monthly Rate, Per CT | Nonrecurring Charge |
|---|---|---|---|
| Per DS3 CT at each Secondary Premises | TYFLS | $2,245.27 (I) | 1.00 |

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 High Capacity Service (Cont'd)

(A) Channel Termination (Cont'd)
- Per point of termination (Cont'd)

(1) Basic Service (Cont'd)

(a) Electrical Interface (Cont'd)

44.736 Mbps/DS3 (Cont'd)
Rate Zone 1, Base Rates

| | USOC | Monthly Rate, Per CT | Nonrecurring Charge |
|---|---|---|---|
| Per DS3 CT at each Secondary Premises | TYF8S | $2,041.15 (I) | 1.00 |

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 High Capacity Service (Cont'd)

(A) Channel Termination (Cont'd)
- Per point of termination (Cont'd)

(1) Basic Service (Cont'd)

(a) Electrical Interface (Cont'd)

44.736 Mbps/DS3 (Cont'd)

Rate Zone 2, Base Rates

| | USOC | Monthly Rate, Per CT | Nonrecurring Charge |
|---|---|---|---|
| Per DS3 CT at each Secondary Premises | TYF8S | $2,143.21 (I) | 1.00 |

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 High Capacity Service (Cont'd)

(A) Channel Termination (Cont'd)
- Per point of termination (Cont'd)

(1) Basic Service (Cont'd)

(a) Electrical Interface (Cont'd)

44.736 Mbps/DS3 (Cont'd)
Rate Zone 3, Base Rates

| | USOC | Monthly Rate, Per CT | Nonrecurring Charge |
|---|---|---|---|
| Per DS3 CT at each Secondary Premises | TYF8S | $2,245.27 (I) | 1.00 |

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

(D)

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(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 High Capacity Service (Cont'd)

(B) Channel Mileage (Cont'd)

(1) Basic Service and Month-to-Month (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)
7.5.9 High Capacity Service (Cont'd)

| | USOC | Monthly Rates | Nonrecurring Charges | |
|---|---|---|---|---|
| (B) Optional Features and Functions (Cont'd) | | | | (T) |
| | | | | (D) |
| | | | | (D) |
| (1) Shared Network Arrangement | | | | (T) |
| - Processing Charge Per Service Order Price Cap | NRBOP | None | 50.00 | (D) |
| | | | | (D) |
| | | | | (D) |
| | | | | (D) |



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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 High Capacity Service (Cont'd)

(B) Optional Features and Functions

(2) Alternate Serving Wire Center

| | USOC | Monthly Rates | Nonrecurring Charges | |
|---|---|---|---|---|
| 1.544 Mbps/DS1, per point of termination | | | | (D) |
| Rate Zone 1 | A1VXZ | $25.00 | None | |
| Rate Zone 2 | A1VXZ | 25.00 | None | |
| Rate Zone 3 | A1VXZ | 25.00 | None | |
| 44.736 Mbps/DS3, per point of termination | | | | (D) |
| - Month-to-Month | | | | |
| Rate Zone 1 | A1VXZ | 250.00 | None | |
| Rate Zone 2 | A1VXZ | 250.00 | None | |
| Rate Zone 3 | A1VXZ | 250.00 | None | |
| - 3 Year RSPP | | | | |
| Rate Zone 1 | A1VXF | 225.00 | None | |
| Rate Zone 2 | A1VXF | 225.00 | None | |
| Rate Zone 3 | A1VXF | 225.00 | None | |
| - 5 Year RSPP | | | | |
| Rate Zone 1 | A1VXG | 200.00 | None | |
| Rate Zone 2 | A1VXG | 200.00 | None | |
| Rate Zone 3 | A1VXG | 200.00 | None | |



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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

(D)



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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(C)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.10 Reserved for Future Use (C)

(D)

(D)

7.5.11 Reserved for Future Use

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.12 Reserved for Future Use (C)

(D)

(D)

(D)
(D)

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

(D)

(D)
(D)



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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)
7.5.13 Message Station Equipment Recovery Charge

| | USOC | Monthly Rate |
|---|---|---|
| Message Station Equipment Recovery Charge - Per Special Access Surcharge Assessed, Price Cap | UTM | $ 4.50 (D) |

7.5.14 Special Access Surcharge

| | | |
|---|---|---|
| - Per Voice Equivalent Private Line | S25 | 25.00 |

7.5.15 Reserved for Future Use

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.16 Term Pricing Plans

(A) 2-year Commitment Period - DDS Price Cap#

| Service | USOC | Monthly Rate | |
|---|---|---|---|
| 2.4 kbps DDS Per Channel Termination | TNJ3X*/TNTT2 | $ 94.76 | (I) |
| 4.8 kbps DDS Per Channel Termination | TNJ4X*/TNTT2 | 112.01 | (I) |
| 9.6 kbps DDS Per Channel Termination | TNJ5X*/TNTT2 | 129.23 | (I) |
| 19.2 kbps DDS Per Channel Termination | TNJ6X*/TNTT2 | 146.51 | (I) |
| 56 kbps DDS Per Channel Termination | TNJ7X*/TNTT2 | 163.71 | (I) |
| 64 kbps DDS Per Channel Termination | TNJWX*/TNTT2 | 180.93 | (I) |

| Nonrecurring Charges - Per Channel Termination | First | Additional |
|---|---|---|
| Installation/Change | $200.00 | $120.00 |

* Effective January 31, 2002, services associated with these TNJ USOCs are no longer available for new service requests. However, the Company may still use the USOC in instances where the TNT USOC cannot be used.

# Service availability limited. Refer to # footnote on Page 7-209.

ACCESS SERVICE

7. Special Access Service (Cont'd)

(D)

(D)



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ACCESS SERVICE

7. Special Access Service (Cont'd)

(D)

(D)



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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)

(D)

(D)



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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.16 Term Pricing Plans (Cont'd)

(A) 2-year Commitment Period – DS1

| Service | USOC | Monthly Rate | Nonrecurring Charges First | Nonrecurring Charges Additional | |
|---|---|---|---|---|---|
| Per Channel Termination | | | | | |
| 1.544 Mbps/DS1 | | | | | |
| Rate Zone 1 | TNJZX | $211.16 | | | (I) |
| Rate Zone 2 | TNJZX | 233.84 | | | (I) |
| Rate Zone 3 | TNJZX | 248.13 | | | (I) |
| Installation/Change | | | | | |
| Rate Zone 1 | | | $ 1.00 | $0.75 | |
| Rate Zone 2 | | | 1.00 | 0.75 | |
| Rate Zone 3 | | | 1.00 | 0.75 | |

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.16 Term Pricing Plans (Cont'd)

(B) 3-year Commitment Period – DDS Price Cap#

| Service | USOC | Monthly Rate | |
|---|---|---|---|
| 2.4 kbps DDS Per Channel Termination | TNJJX*/TNTN2 | $86.18 | (I) |
| 4.8 kbps DDS Per Channel Termination | TNJLX*/TNTN2 | 103.39 | (I) |
| 9.6 kbps DDS Per Channel Termination | TNJNX*/TNTN2 | 112.01 | (I) |
| 19.2 kbps DDS Per Channel Termination | TNJQX*/TNTN2 | 120.64 | (I) |
| 56 kbps DDS Per Channel Termination | TNJSX*/TNTN2 | 127.95 | (I) |
| 64 kbps DDS Per Channel Termination | TNJUX*/TNTN2 | 146.51 | (I) |

| Nonrecurring Charges - Per Channel Termination | First | Additional |
|---|---|---|
| Installation/Change | $200.00 | $120.00 |

* Effective January 31, 2002, the services associated with these TNJ USOCs are no longer available for new service requests. However, the Company may still use the USOC in instances where the TNT USOC cannot be used

# Service availability limited. Refer to # footnote on Page 7-209.



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ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)

(D)

(D)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.16 Term Pricing Plans (Cont'd)

(B) 3-year Commitment Period – DS1

| Service | USOC | Monthly Rate | Nonrecurring Charges First | Nonrecurring Charges Additional | |
|---|---|---|---|---|---|
| Per Channel Termination | | | | | |
| 1.544 Mbps/DS1 | | | | | |
| Rate Zone 1 | TNT3X | $186.32 | | | (I) |
| Rate Zone 2 | TNT3X | 206.33 | | | (I) |
| Rate Zone 3 | TNT3X | 218.94 | | | (I) |
| Installation/Change | | | | | |
| Rate Zone 1 | | | $ 1.00 | $0.75 | |
| Rate Zone 2 | | | 1.00 | 0.75 | |
| Rate Zone 3 | | | 1.00 | 0.75 | |

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.16 Term Pricing Plans (Cont'd)

(C) 5-year Commitment Period – DDS Price Cap#

| Service | USOC | Monthly Rate | |
|---|---|---|---|
| 2.4 kbps DDS<br>Per Channel Termination | TNJKX*/TNTP2 | $ 77.55 | (I) |
| 4.8 kbps DDS<br>Per Channel Termination | TNJMX*/TNTP2 | 86.18 | (I) |
| 9.6 kbps DDS<br>Per Channel Termination | TNJPX*/TNTP2 | 94.76 | (I) |
| 19.2 kbps DDS<br>Per Channel Termination | TNJRX*/TNTP2 | 100.39 | (I) |
| 56 kbps DDS<br>Per Channel Termination | TNJTX*/TNTP2 | 104.43 | (I) |
| 64 kbps DDS<br>Per Channel Termination | TNJVX*/TNTP2 | 120.64 | (I) |

| Nonrecurring Charges<br>- Per Channel Termination | First | Additional |
|---|---|---|
| Installation/Change | $200.00 | $120.00 |

* Effective January 31, 2002, services associated with these TNJ USOCs are no longer available for new service requests. However, the Company may still use the USOC in instances where the TNT USOC cannot be used.

# Service availability limited. Refer to # footnote on Page 7-209.

ACCESS SERVICE

7. Special Access Service (Cont'd)
7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.16 Term Pricing Plans (Cont'd)

(C) 5-year Commitment Period – DS1#

| Service | USOC | Monthly Rate | Nonrecurring Charges First | Nonrecurring Charges Additional | |
|---|---|---|---|---|---|
| Per Channel Termination | | | | | |
| 1.544 Mbps/DS1 | | | | | |
| Rate Zone 1 | TNT4X | $161.47 | | | (I) |
| Rate Zone 2 | TNT4X | 178.82 | | | (I) |
| Rate Zone 3 | TNT4X | 189.75 | | | (I) |
| Installation/Change | | | | | |
| Rate Zone 1 | | | $ 1.00 | $0.75 | |
| Rate Zone 2 | | | 1.00 | 0.75 | |
| Rate Zone 3 | | | 1.00 | 0.75 | |

# Service availability limited. Refer to ## footnote on Page 7-209.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.16 Term Pricing Plans (Cont'd)

(D) 7-year Commitment Period DS1#

| Service | USOC | Monthly Rate | Nonrecurring Charges First | Nonrecurring Charges Additional | |
|---|---|---|---|---|---|
| Per Channel Termination | | | | | |
| 1.544 Mbps/DS1 | | | | | |
| Rate Zone 1 | TNT8X | $149.05 | | | (I) |
| Rate Zone 2 | TNT8X | 165.06 | | | (I) |
| Rate Zone 3 | TNT8X | 175.15 | | | (I) |
| Installation/Change | | | | | |
| Rate Zone 1 | | | $ 1.00 | $0.75 | |
| Rate Zone 2 | | | 1.00 | 0.75 | |
| Rate Zone 3 | | | 1.00 | 0.75 | |

# Service availability limited. Refer to ## footnote on Page 7-209.

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ACCESS SERVICE

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7.6 Individual Case Filings

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7.6 Individual Case Filings (Cont'd)

Rates and charges for Special Access Service provided on an individual case basis are filed following:

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ACCESS SERVICE

8. Reserved for Future Use (Cont'd) (C)

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ACCESS SERVICE

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(C)

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ACCESS SERVICE

## 9. Directory Assistance Service

The Telephone Company will provide Directory Assistance (DA) Service to a customer from Directory Assistance Service locations (DA location).

### 9.1 General Description

DA Service provides Directory Access Service to DA locations, use of DA access equipment, and use of DA automated and/or live operator services to provide telephone listings. In addition to Standard Directory Assistance Service, DA Service is available with the following options: a) Customized Branding; b) Live Operator Response, and c) Live Operator Response with Customized Branding.

#### 9.1.1 Service Description

Standard Directory Assistance

Calls from the customer's end user are answered by an automated voice recording and response system. The listing is located by an operator before release to a voice response unit which allows the end user to hear the listing. No branding is provided and live operator intervention occurs only as needed to complete the call.

Standard with Customized Branding

The identity of the ordering customer is announced on all DA calls before the automated operator query is heard by the end user. The customer provides information required by the Telephone Company for inclusion in this customized front end branding announcement.

Live Operator Response

Calls from the customer's end users are answered by an operator who queries the customer before releasing the requested listing to an automated voice response unit which allows the end user to hear the listing.

Live Operator Response with Customized Branding

Live operator response is provided to customer's end users as described above and the identity of the customer is announced on all DA calls before the customer hears the live operator query.

DA Service is available on a month-to-month basis or 3 and 5 year Term Pricing Plan (TPP) basis.

ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.2 Undertaking of the Telephone Company

(A) A Telephone Company DA operator, when furnished a name and locality, will provide or attempt to provide the telephone number listed in the Telephone Company DA records associated with the name given at the rates and charges as set forth in 9.6 following. The Telephone Company's contact with the customer's end user shall be limited to that effort necessary to process a customer's end user's request for a telephone number; and the Telephone Company will not transfer, forward or redial a customer's end user call to any other location for any purpose other than provision of DA Service.

(B) A maximum of two (2) requests for telephone numbers will be accepted per call to the DA operator.

(C) A telephone number which is not listed in DA records will not be available to the customer's end user.

(D) The Telephone Company will specify the DA location which provides the DA Service for each numbering plan area code (NPA). The DA locations are as shown in Exchange Carrier Association Tariff F.C.C. No. 2.

When it becomes necessary, as determined by the Telephone Company, the change a DA location, the Telephone Company will notify the involved customers six months prior to the change. For such changes, the regulations as set forth in 2.1.7 preceding apply.

(E) When DA Service is ordered, Directory Access Service will be provided between the customer premises and the DA location by the Telephone Company at rates and charges as set forth in 9.6 following, as follows.

ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.2 Undertaking of the Telephone Company (Cont'd)

(E) (Cont'd)

(1) General

Each Directory Access Service will consist of the following:

- An Interface Group equipped with an available Premises Interface Code at the customer's premises.

- Directory Transport between the premises of the ordering customer and the DA location.

  When required by the Telephone Company, a separate Directory Access Service trunk group will be provided for DA Service for each NPA. Separate trunk groups will be required when the Telephone Company notifies the customer that the mechanized search of its data base and its mechanized operator practices require a mechanized identification of the NPA code for which the customer's end user desires DA information.

Further, when an access tandem is available and is provided, the Directory Access Service will be provided, at Telephone Company choice, either as a separate Directory Access Service trunk group or in combination with Trunkside BSA-950 Option or Trunkside BSA-101XXXX Option Switched Access Service. (D)

(2) Interface Group and Premises Interface Code

Interface Groups 2 through 10 as set forth in 6.1.2(A)(1) preceding are available for Directory Access Service. When only Directory Access Service is provided, only the following Premises Interface Codes are available:

| | | |
|---|---|---|
| 4DS9-15 | 6EA2-E | 4AH5-B |
| 4DS9-31 | 6EA2-M | 4AH6-C |
| 4DS0-63 | 4SF3 | 4AH6-D |
| 4DS6-44 | 4RV2-0 | |
| 4DS6-27 | | |



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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.2 Undertaking of the Telephone Company (Cont'd)

(E) (Cont'd)

(2) Interface Group and Premises Interface Code (Cont'd)

Such Premises Interface Codes are described in 6.1.2(A)(1) preceding. When Directory Access Service is combined with Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option and (D)
Feature Group B or D Switched Access Service, the Premises (D)
Interface Code for combination will be the available Premises Interface Code provided for the Trunkside BSA-950 Option, Trunkside BSA-101XXXX Option and Feature Group B (D)
or D Switched Access Service ordered by the customer. (D)
Except as set forth in 9.4(A) following:

The Interface Groups and Premises Interface Codes provided under a Special Order for Directory Access Service are subject to the order conditions as set forth in 5. preceding. For purposes of applying the order regulations, a DA location is considered to be a customer end user serving wire center.

ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.2 Undertaking of the Telephone Company (Cont'd)

(E) (Cont'd)

(3) Directory Transport

Directory Transport provides the transmission facilities and transport termination between the premises of the ordering customer and the DA location. For purposes of determining Directory Transport mileage, distance will be measured from the wire center that normally serves the customer premises to the DA location(s).

Directory Transport is a two-way voice frequency transmission path composed of facilities determined by the Telephone Company. The two-way voice frequency path transports calls in the terminating direction (from the premises of the ordering customer to the DA location). The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency band width of approximately 300 to 3000 Hz.

The Telephone Company will determine whether the Directory Access Service is to be routed directly to a DA location or through an access tandem switch appropriately equipped for DA measurement and served by DA trunks to the DA location when such an access tandem switch is available. The combination of Trunkside BSA-950 Option, Trunkside (D)
BSA-101XXXX Option and Feature Group B or D Switched (D)
Access Service with DA Service will only be provided at such available and appropriately equipped access tandem switches. If the customer desires the traffic routing to be other than that selected by the Telephone Company, it may request a cooperative effort to determine if customer specified traffic routing can be used in lieu of the Telephone Company selected traffic routing.

ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.2 Undertaking of the Telephone Company (Cont'd)

(E) (Cont'd)

(3) Directory Transport (Cont'd)

When Directory Transport is provided using a direct route to the DA location, no address signaling is provided. When Directory Transport is provided with the use of an access tandem switch, wink start-start pulsing signaling is provided at the access tandem switch. The customer will be notified by the Telephone Company when access tandem routing is provided and the customer shall address each call to the DA location using 411, NPA + 555 + 1212 or, when required by the Telephone Company, 555-1212. Only NPA codes handled by the DA location served by the access tandem switch will be processed.

The number of Directory Transport transmission paths provided is based on the customer's order and is determined by the Telephone Company in a manner similar to Switched Access transmission paths as set forth in 6.6.5 preceding.

Directory Transport may, at the option of the customer, be provided for both interstate and intrastate communications. When the customer requests such mixed access, the interstate Directory Transport charges will be determined by the Telephone Company using the data furnished by the customer as set forth in 2.3.14 preceding.

Except as set forth in 9.4(A) following, Directory Transport provided under a Special Order is subject to the order conditions as set forth in 5 preceding.

Directory Transport is provided with a Local Transport Interface Group as set forth in 6.1.2(A)(1) preceding. Only Local Transport Interface Groups 2-10 will be provided.

(4) Special Facilities Routing

A customer may request that Directory Access Service be provided via Special Facilities Routing. The regulations, rates and charges for Special Facility Routing (Avoidance, Diversity and Cable Only) are set forth in 11 following.

ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.2 Undertaking of the Telephone Company (Cont'd)

(E) (Cont'd)

(5) Design Layout Report

The Telephone Company will provide to the customer the makeup of the facilities and services provided under this section as Directory Access Service. This information will be provided in the form of a Design Layout Report similar to that as set forth in 6.1.5. Design Layout Reports for Directory Access Service will be provided only when specifically requested by the customer. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever the facilities provided for the customer's use are materially changed.

ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.2 Undertaking of the Telephone Company (Cont'd)

(E) (Cont'd)

(6) Transmission Specifications

Directory Access Service is provided with either Type A or B Transmission Specification. The specifications associated with the parameters are guaranteed to the DA location, whether routed directly or via an access tandem. Type B Transmission Specification is provided with Interface Groups 2 through 10 when routed direct to a DA location. Type A Transmission Specification is provided with Interface Groups 2 through 10 when routed via an access tandem switch.

When DA Service is combined with Trunkside BSA-101XXXX Option and Feature Group D Switched Access Service, Type A Transmission Specification is provided. When DA Service is combined with Trunkside BSA-950 Option and Feature Group B Switched Access Service, Type B Transmission Specification is provided for Interface Group 2 through 10. Type A and B Transmission specifications are set forth in 6.5.1 preceding. (D)

(7) The acceptance testing and testing capabilities for Directory Access Service traffic routed through an access tandem are the same as those for the associated Trunkside BSA-101XXXX Option and Feature Group D end office switching. (D) (D) The acceptance testing for Directory Access Service traffic routed directly to or routed in a separate trunk group through an access tandem to the DA location will be as set forth in 6.1.6 preceding. The testing capabilities for Directory Access Service traffic routed directly to or routed in a separate trunk group through an access tandem to the DA location will be as set forth for cooperative scheduled testing or manual scheduled testing in 13 following.



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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.2 Undertaking of the Telephone Company (Cont'd)

(F) Trunk side switching is provided at the DA Service access location. The DA Service access location will provide trunk answer and disconnect supervisory signaling.

(G) The Telephone Company will distribute the calls received over the Directory Access Services to the DA operators using the DA location access equipment.

(H) In the event that the telephone number is unavailable to the DA operator, no credit applies for the charge for the call to the DA operator. When the DA location or DA operator equipment or terminals are out of service due to a Telephone Company equipment failure or an incorrect number is provided, a credit as set forth in 9.4(I) following will apply. (T)

(I) DA Service may, at the option of the customer, be provided for interstate and intrastate communications. When the customer requests such mixed access, the interstate DA Service charges will be determined by the Telephone Company using the data furnished by the customer as set forth in 2.3.14 preceding.

9.3 Obligations of the Customer

(A) The customer shall specify the number of trunks and interface type of Directory Access Services it needs for DA Service. Customers ordering Standard Directory Assistance must provide transmission facilities directly to the DA location designated by the Telephone Company or through an access tandem switch appropriately equipped for DA measurement and served by DA trunks to the designated DA location. Customers ordering customized branding and/or live operator response options must provide transmission facilities directly to the designated DA location rather than through a tandem access switch. In addition, for 3 and 5 year TPP rates, the customer must screen and deliver NPA 555-1212 calls to specifically designated DA locations or access tandems prior to the commencement of the term.

ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.3 Obligations of the Customer (Cont'd)

(B) For month-to-month DA Service, the customer must order the service for at least six months. Thereafter, additional service may be ordered for a minimum of six months. Not later than three months prior to the end of the six months period, the customer shall notify the Telephone Company if the service is to be discontinued at the end of the six month period. If no notice is received from the customer, the Telephone Company will automatically extend the service for another six months and all appropriate charges as set forth in 9.6 following for another six months will apply.

For 3 year and 5 year Term Pricing Plans, the customer shall provide notice of renewal or discontinuance not later than three months prior to the end of the selected TPP term. If no notice is received, the customer's DA Service subscription will automatically extend for another six months under the rates, charges, and other conditions applicable to month-to-month Service. If the customer discontinues or reduces service during the TPP term, the customer will pay termination liability as specified in Section 9.4(C) following.

(C) The customer facilities at the premises of the ordering customer shall provide the necessary on-hook and off-hook supervision.

(D) When requested by the Telephone Company, the customer shall order a separate trunk group for DA Service for each NPA. The conditions when the customer will be requested to order separate trunk groups for each NPA are set forth in 9.2(E)(1) preceding.

(E) When the customer bills its end users, the customer shall be responsible for all contacts and arrangements with its end users concerning the provision and maintenance of, and the billing and collecting of charges, for DA service furnished to its end users. When the Telephone Company bills the customer's end users at the request of the customer, contacts and arrangements with customer end users concerning the billing and collecting of charges will be as set forth in 8.2 preceding.

(F) The customer understands that DA Operators will only respond to two (2) telephone number requests per call and will not transfer, forward or redial the call to another location for any purpose other than the provision of DA Service.

ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.4 Payment Arrangements

(A) Minimum Periods

For month-to-month service the minimum period for which DA Service and the Directory Access Service is provided and for which charges apply is six months. A minimum period of six months applies for each additional period of service ordered or extended.

If DA Service is discontinued prior to the end of each six month period, the charges that apply for the remaining months are the non-recoverable costs. Such costs include the non-recoverable cost of equipment and material ordered, provided or used, plus the non-recoverable cost of installation and removal including the costs of engineering, labor, supervision, transportation, rights-of-way and other associated costs less estimated net salvage.

For 3 and 5 year TPPs, the term selected by the customer will be the minimum period and termination liability as specified in Section 9.4(C) following will apply.

(B) Minimum Monthly Charge

For month-to-month service, DA service is subject to a minimum monthly charge. The minimum monthly charge for Directory Assistance Service calls is the charge as set forth in 9.6 following for the actual usage for the month.

(C) TPP Minimum and Termination Liability

(1) Except as set forth in (D) following, termination liability payment shall apply when a customer cancels or reduces service in full or in part prior to the end of the selected term period or when the customer fails to comply with the conditions required for a 3 or 5 year Term Pricing Plan.

(2) A customer's minimum call volume shall be the number of Directory Assistance calls the customer delivered to the Telephone Company in the twelve month period immediately preceding the selected TPP term. If the customer has not previously delivered DA calls to the Telephone Company in that twelve month period, the minimum call volume shall be determined upon the conclusion of the twelfth consecutive month of delivering DA calls to the Telephone Company.

If the customer discontinues service prior to the conclusion of a twelve month period necessary to establish the minimum call volume, the call volume will be determined by multiplying the monthly average for the number of months the customer had service by twelve.

ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.4 Payment Arrangements (Cont'd)

(C) Termination Liability (Cont'd)

(3) The quantity of calls subject to termination liability is based on the minimum call volume. When the customer's actual usage in any year of the term falls below the customer's minimum call volume, the customer has the option of either (a) or (b) following:

(a) Reducing the original minimum call volume and paying for the difference between the minimum and reduced call volumes at the month-to-month per call rates.

For example, a customer with a minimum call volume of 1000 calls elects to reduce the minimum call volume to 900 calls. Customer will pay the difference (1000-900) multiplied by the month-to-month rate.

(b) Remaining with the original minimum call volume and paying for a missed commitment level using the following calculation:

100% of the TPP per call charges is applied to the difference between 90% of the minimum call volume and the actual call volume.

For example, a customer with a minimum call volume of 1000 calls for the previous year elects to maintain that 1000 call commitment level in the following year. If the actual call volume was 800 calls, this customer will pay 100% of the TPP charges for 100 calls; [i.e., 90% of 1000 (minimum volume) = 900 (adjusted minimum) - 800 (actual volume) = 100 calls].

(4) The termination liability charge is calculated as follows:

(a) First Year

For services discontinued within the first year, the customer will be liable for the total charges for the minimum call volume for the first year at month-to-month rates and 15% of the total charges for the remainder of the term commitment period based on the minimum call volume at month-to-month rates. Amounts previously paid by customers for the Telephone Company calls handled in the first year shall be applied as a credit to the total due the Telephone Company.

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9. Directory Assistance Service (Cont'd)

9.4 Payment Arrangements (Cont'd)

(C) Termination Liability (Cont'd)

(4) (Cont'd)

(b) Subsequent Years

For services discontinued after the first 12 months of a plan, customers will be liable for the difference between the rate actually paid and the lowest rate that would have applied based on the term of customer's actual usage (adjusted rate) in addition to 5% of the total charges for the remaining portion of their term commitment period.

For example, if a customer in a 5-year term plan disconnects at the end of 36 months, the highest TPP period that could have been satisfied is three years. The termination liability would be calculated as follows: 3-year monthly term rate minus 5-year monthly term rate X calls handled, plus 5% X 2 remaining years X minimum call volume X 3 year rate.

(D) TPP Termination Without Liability

(1) A TPP may be canceled without liability should the tariff rates applicable to the customer increase.

ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.4 Payment Arrangements (Cont'd)

(D) TPP Termination Without Liability (Cont'd)

(2) Termination liability specified in 9(4)(C)(4) will not apply if the customer subscribes at the same minimum call volume to another Telephone Company Directory Assistance term plan of equal or greater length than the unexpired portion of the current term. The rates of the new term plan shall apply to the remainder of the new term plan.

If the customer fails to provide the Telephone Company at least seven months advance notice before the conversion to the alternative Telephone Company Directory Assistance term plan, then the customer is liable for any non-recoverable nonrecurring costs associated with converting a TPP to another Telephone Company Directory Assistance Service. Such costs include the non-recoverable costs of equipment and material ordered, provided, or used, plus the non-recoverable cost of installation and removal including the costs of engineering, labor, force reductions, supervision, transportation, rights-of-way, and other associated costs less estimated net salvage.

ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.4 Payment Arrangements (Cont'd)

(E) Cancellation of A Special Order

A customer may cancel a Special Order for DA Service on any date prior to the service date. The cancellation date is the date the Telephone Company receives written or verbal notice from the customer that the Special Order is to be cancelled. The verbal notice must be followed by written confirmation within 10 days.

When a customer cancels a Special Order for DA Service after the order date but prior to the start of service, the appropriate charges as set forth in 5. preceding apply for the Directory Access Service cancelled. In addition, a charge equal to any unrecoverable capital costs incurred by the Telephone Company will apply to the customer.

(F) Changes to Special Orders

When a customer requests changes to a pending order for DA Services, such changes will be undertaken if they can be accommodated by the Telephone Company. The appropriate charges as set forth in 5. preceding apply for the Directory Access Service changed. In addition, a charge equal to any other costs incurred by the Telephone Company because of the change will apply.

(G) Moves

A move involves a change in the physical location of the point of termination at the customer premises or of the customer premises. Moves will be treated as set forth in 6.8.7 preceding and all associated nonrecurring charges will apply. Minimum period requirements will be established at the new location as set forth in 6.8.7 preceding. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

(H) DA Service Rearrangements

Nonrecurring charges apply for service rearrangements. Service rearrangements are as set forth in 6.8.1(C)(2) preceding. The Service Rearrangement Charges are as set forth in 6.8.1(C)(2) for the type of change provided by the Telephone Company.

ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.4 Payment Arrangements (Cont'd)

(I) Credit Allowance For DA Service

(1) When the DA location or DA operator equipment or terminals are out of service due to a Telephone Company equipment failure or an incorrect number is provided and a customer DA call has been answered or forwarded to a DA operator, a credit allowance for a call answered or forwarded to the DA operator equal to the rate for a Directory Assistance Service Call as set forth in 9.6 following plus the rate for a Directory Transport call will be applied to the customer's charges. The rate for a Directory Transport call will be the average of the Directory Transport rates per call as set forth in 9.6 following.

(2) In addition to the credit as set forth in (1) preceding, when a DA operator or DA equipment provides an incorrect number for a call and the customer reports such occurrences to the Telephone Company, a credit allowance for such DA call will apply. The credit will be as set forth in (3) following. When the customer reports such a call and the number requested, the number provided and the reason the number provided is incorrect, the number of calls for which a credit will apply will be developed by the Telephone Company in cooperation with the customer.

(3) When a DA call is not completed due to the failure of Directory Access Service to DA locations, DA access equipment or DA operator activities, a credit allowance for the Switched Access Service portion in the originating LATA of such DA call will apply. When the customer reports such a call and DA number dialed, time of the call and the date of the call, the number of calls for which a credit will apply will be developed by the Telephone Company in cooperation with the customer. The credit will be as set forth following:

| | | | |
|---|---|---|---|
| (a) | Credit per call when Switched Access Service is billed using Transitional rates | (.0050)* | |
| (b) | Credit per call when Lineside BSA, Trunkside BSA - 950 Option, or Feature Group A or B Switched Access Service is billed using Premium per minute rates | (.0100)* | |
| (c) | Credit per call when Trunkside BSA-101XXX Option, or Feature Group D Switched Access Service is billed using Premium per minute rates | (.0100)* | (D) (D) |

* ( ) equals a negative amount.

ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.4 Payment Arrangements (Cont'd)

(I) Credit Allowance For DA Service (Cont'd)

(4) Credit allowances for other service interruptions will be provided as set forth in Section 2.7.1.1 preceding. (T)

9.5 Rate Regulations

(A) The Directory Assistance service call charge, as set forth in 9.6 (A) following, applies for each call to DA Service. A call is a call which has been answered by or forwarded to a DA operator. The charge applies whether or not the DA operator provides the requested telephone number. The number of calls answered or forwarded to DA operators will be accumulated by Telephone Company measuring equipment. A credit for the provision of an incorrect telephone number will be applied as set forth in 9.4(I) preceding. (T)

The Directory Transport rate is comprised of the Tandem-Switched Transmission rate, the Tandem-Switching rate, a Tandem-Multiplexing rate and an Interconnection Charge.

(B) The mileage for Directory Transport is measured from the serving wire center for the premises of the ordering customer to the DA location. Title Page notwithstanding, these two wire centers may be in different LATAs. In addition, the premises of the ordering customer must be in the LATA where DA service is requested or in the LATA where the DA location is located. The measurement will be performed as set forth in 6.8.13 preceding.

(C) The charge per call for Directory Transport, as set forth in 9.6 (B) following, applies for each call to DA Service. A call is as set forth in (A) preceding. The number of calls will be accumulated as set forth in (A) preceding.

ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.6 Rates and Charges

The rates and charges are:

(Z)

| | Month to Month | 3 Year | 5 Year |
|---|---|---|---|
| (A) Directory Assistance Service rates per call, each | | | |
| Type of Service | | | |
| Standard Directory Assistance | .275 | .25 | .23 |
| Standard with Customized Branding | .278 | .253 | .233 |
| Live Operator Response | .285 | .26 | .24 |
| Live Operator Response with Customized Branding | .288 | .263 | .243 |

(B) Directory Access Service

| | |
|---|---|
| - Directory Access Installation | Charges are the same as those set forth in 6.9.1 preceding |
| - Directory Transport | Rate Per Call |
| Tandem-Switched Transmission | |
| - Fixed | .000075 |
| - Per mile | .000015 |
| Tandem-Switching | .000400 |
| Directory Assistant Transport Multiplexing | .000050 |
| Transport Interconnection Charge | .000000 |



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9. Directory Assistance Service (Cont'd)

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9. Directory Assistance Service (Cont'd)

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9. Directory Assistance Service (Cont'd)

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9. Directory Assistance Service (Cont'd)

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.8 Operator Services-Automatic Call Distribution Service (S)

A) General

The Telephone Company will use Nortel's Telephone Operator Position System (TOPS™) to provide Operator Services-Automatic Call Distribution (OS-ACD) Service. (TOPS™ is a Nortel registered trademark.) OS-ACD Service will provide operator distribution functionality to customers who deliver calls to the Telephone Company's network. The Telephone Company will queue, route, and manage calls to customer-provided operator terminals that are compatible with Nortel's Open Position Protocol (OPP). Each call can be branded with a customized announcement as an optional feature of OS-ACD Service. The number of positions served and the call processing capacity of OS-ACD Service is engineered based on the customer's requirements and the Telephone Company's available capacity. (S) (C) (X) (C) (X) (S)

1) The customer is responsible for transport facilities required to transport calls to the designated OS-ACD switch.

2) The customer is responsible for interconnecting facilities between the designated OS-ACD switch and the customer's OSP.

B) Availability

OS-ACD Service is available at switch locations designated by the Telephone Company and as identified in National Exchange Carrier Association (NECA) Tariff F.C.C. No. 4. Effective August 18, 2001, OS-ACD Service will be available to customers in the state of Pennsylvania. Additional switch locations will be added, and will be published in the NECA Tariff F.C.C. No. 4, as facilities become available. (S) (C) (X) (C) (X) (S) (S) (C) (X) (C) (X)

C) Technical Requirements (S)

Nortel's Open Position Protocol (OPP) is used as the network interface between OS-ACD Service and the customer's OSPs. The OPP network interface is defined in Nortel Document No. Q214-1. Compatible customer provided equipment (CPE) and software will also be required. (S)

(S) Reissued material filed under Transmittal No. 77 and scheduled to become effective August 18, 2001.

(X) Filed under authority of Special Permission No. 01-091 of the Federal Communications Commission.

ACCESS SERVICE

9. Directory Assistance Service (Cont'd)

9.8 Operator Services-Automatic Call Distribution Service (Cont'd)

D) Rate Regulations (N)

1) Rates are applied per call delivered to the Telephone Company's network.

2) Testing and implementation is required and will be priced on an individual case basis.

E) Rates and Charges

| | | |
|---|---|---|
| OS-ACD Service, per call | $0.0524 | (N) |

ACCESS SERVICE

## 10. Federal Government Access Services

The Federal Government Special Access Services included in this tariff are Non-Competitive End-User Channel Terminations. Other Federal Government Special Access Service components needed to complete a circuit are available as described in Section 1.1 preceding. (N) | | (N)

### 10.1 General

This section covers Access Services that are provided to a customer for use only by agencies or branches of the Federal Government and other users authorized by the Federal Government. Services provided to state emergency operations centers are included. These services provide for command and control communications, including communications for national security, emergency preparedness and presidential requirements. They are required to assure continuity of Government in emergency and crisis situations and to provide for national security. In addition, this section covers the Telecommunications Service Priority (TSP) System service and procedures as set forth in 10.8.1(D) since it is administered by the Federal Government.

Services for command and control communications and for national security and emergency preparedness may sometimes be provided under non-emergency conditions for a short duration to determine network assurance. However, the Telephone Company reserves the right to limit or to decline participation in these non-emergency condition requests for service.

### 10.2 Emergency Conditions

These services will be provided on the date requested or as soon as possible thereafter when the emergency falls into one of the following categories:

(A) State of crisis declared by the National Command Authorities (includes commitments made to the National Communications System in the "National Plan for Emergencies and Major Disasters").

ACCESS SERVICE

10. Federal Government Access Services (Cont'd)

10.2 Emergency Conditions (Cont'd)

(B) Efforts to protect endangered U.S. personnel or property both in the U.S. and abroad. (Includes space vehicle recovery and protection efforts.)

(C) Communications requirements resulting from hostile action, a major disaster or a major civil disturbance.

(D) The director (Cabinet level) of a Federal department, Commander of a Unified/Specified Command, or head of a military department has certified that a communications requirement is so critical to the protection of life and property or to the National Defense that it must be processed immediately.

(E) Political unrest in foreign countries which affect the national interest.

(F) Presidential service.

10.3 Intervals to Provide Service

Certain services provided under the provisions of this section of the tariff are provided on an individual case basis. Therefore, orders for such service shall be placed under the negotiated Interval provisions set forth in 5.2.1.(B) preceding.

ACCESS SERVICE

10. Federal Government Access Services (Cont'd)

10.4 Facility Availability

In order to insure communications during periods of emergency, the Telephone Company will, within the limits of good management, make available the necessary facilities to restore service in the event of damage or to provide temporary emergency service as set forth in Section 10.8.1(D) and 10.8.2.(D), following.

In order to meet the requirements of agencies or branches of the Federal Government, the Telephone Company may utilize government-owned facilities, when necessary to provide service.

10.5 Federal Government Regulations

In accordance with Federal Government Regulations, all service provided to the Federal Government will be billed in arrears. However, this provision does not apply to other customers that obtain services under the provisions of this tariff to provide their services to the Federal Government.

10.6 Reserved (C)

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10.7 Move Charges

When service is moved to a different building, the nonrecurring charge applies; when moved to a new location in the same building, a charge of one-half the nonrecurring charge applies.

ACCESS SERVICE

10. Federal Government Access Services (Cont'd)

10.8 Security and Emergency Services

The following unique services are provided to a customer for use only by agencies or branches of the Federal Government, other authorized users and state emergency operations centers. The rates and charges for certain services shall be developed on an individual case basis and shall be consistent with the rates and charges for services offered in other sections of this tariff.

10.8.1 Type and Description

(A) Voice Grade Special Access Services

(1) Reserved. (C)

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ACCESS SERVICE

10. Federal Government Access Services (Cont'd)

10.8 Security and Emergency Services (Cont'd)

10.8.1 Type and Description (Cont'd)

(A) Voice Grade Special Access Services (Cont'd)

(D)
(D)

(2) Voice Grade Secure Communications Type II

Approximate bandwidth 10-50,000 Hz. Furnished on four-wire metallic facilities for duplex operation for two-point secure communications between an IC premises on an End User's premises and an End User's premises. Services are conditioned as follows:

G-1 Conditioning - The absolute loss with respect to frequency and the net loss variation shall be the same as Voice Grade Secure Communications Type I services without additional conditioning. Voice frequency signaling or supervisory tones can be transmitted.



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ACCESS SERVICE

10. Federal Government Access Services (Cont'd)

10.8 Security and Emergency Services (Cont'd)

10.8.1 Type and Description (Cont'd)

(A) Voice Grade Special Access Services (Cont'd)

(3) Voice Grade Secure Communications Type III

Approximate bandwidth 10-50,000 Hz. Furnished on four-wire metallic facilities for duplex operation for two-point secure communications between a customer premises switch and a customer premises. Services are conditioned as follows:

G-2 Conditioning - The absolute loss with respect to frequency and the net loss variation from the switch to an end user's premises shall be the same as Voice Grade Secure Communications Type I services without additional conditioning; from an end user's premises to the switch shall be the same as Voice Grade Secure Communications Type I services with additional conditioning. Voice frequency signaling or supervisory tones can be transmitted.

(4) Voice Grade Secure Communications Type IV

Approximate bandwidth 10-50,000 Hz. Furnished on four-wire metallic facilities for duplex operation for two-point secure communications between two customer premises switches. Services are conditioned as follows:

G-3 Conditioning - The absolute loss with respect to frequency and the net loss variation shall be the same in both directions of transmission as Voice Grade Secure Communications Type I services with additional conditioning. Voice frequency signaling or supervisory tones can be transmitted.

ACCESS SERVICE

10. Federal Government Access Services (Cont'd)

10.8 Security and Emergency Services (Cont'd)

10.8.1 Type and Description (Cont'd)

(B) Reserved. (C)

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(C) Special Routing Access Service

Special Routing Access Service is a specialized service for use by carriers authorized to provide their service for an agency or branch of the Federal Government. This service provides the customer's end users the ability to originate and terminate calls to or from the customer's premises.

ACCESS SERVICE

10. Federal Government Access Services (Cont'd)

10.8 Security and Emergency Services (Cont'd)

10.8.1 Type and Description (Cont'd)

(C) Special Routing Access Service (Cont'd)

This service is an optional service which operates in conjunction with Trunk Side Premium Access Service furnished under other provisions of this tariff.

The Telephone Company will manually record Special Routing Access Service Active Mode Trunk Usage, and will bill the customer in accordance with these records. The hours for each trunk ordered will be summed and then rounded to the nearest half hour, except that when the initial activation total is less than one hour, one hour will be used to determine the charge.

(D) Telecommunications Service Priority (TSP) System

(1) Priority installation and/or restoration of National Security Emergency Preparedness (NSEP) telecommunications services shall be provided in accordance with Part 64.401, Appendix A, of the Federal Communications Commission's (FCC's) Rules and Regulations.

In addition, TSP System service shall be provided in accordance with the guidelines set forth in "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service Vendor Handbook (T)
National Communications System (NCS) H 3-1-2", (T)
and "Telecommunications Service Priority (TSP) (T)
System for National Security Emergency Preparedness (NSEP) Service User Manual, (T)
National Communications System (NCS) M 3-1-1". (T)

The TSP System is a service, developed to meet the requirements of the Federal Government, as specified in the Service Vendor's Handbook and Service User's Manual which provides the regulatory, administrative and operational framework for the priority installation and/or restoration of NSEP telecommunications services. These include both Switched and Special Access Services. The TSP System applies only to NSEP telecommunications services, and requires and authorizes priority action by the Telephone Company providing such services.

(2) The TSP System's applicability is limited to Access Services which the Telephone Company can discreetly identify for priority provisioning and/or restoration.

ACCESS SERVICE

10. Federal Government Access Services (Cont'd)

10.8 Security and Emergency Services (Cont'd)

10.8.1 Type and Description (Cont'd)

(D) Telecommunications Service Priority (TSP) System (Cont'd)

(3) Some of the elements required for the TSP System are included in other sections of this tariff as general service offerings. They have been referenced in this section to reflect the complete TSP System with appropriate references to those other sections of the tariff for regulations, rates and charges.

(4) The customer for TSP System Service also must be the same customer for the Access Service with which it is associated.

(5) Under certain conditions it may be necessary to preempt one or more customer services with a lower or no restoration priority in order to install or restore NSEP telecommunications service(s) of a higher priority. If such preemption is necessary, and if circumstances permit, the Telephone Company will make reasonable effort to notify the preempted service customer of the action to be taken. Credit allowance for such service preemption shall be made in accordance with the provisions set forth in 2.4.4(E) preceding concerning Temporary Surrender of a Service.

(6) The customer, in obtaining TSP System service, acknowledges and consents to the provision of certain customer service record information by the Telephone Company to the Federal Government, as specified in the TSP Service Vendor Handbook, in order for the Government to maintain and administer its overall TSP System. This customer service record information will include only TSP Authorization Code and Telephone Company Circuit/Service ID.

(7) When Priority Restoration Maintenance and Administration, as defined in the TSP Service Vendor Handbook, is discontinued (Revocation of Assigned Restoration Priority), and the associated Access Service is continued in service, the charge specified in 10.8.2(D)(2)(C) will not apply for such a discontinuance.

ACCESS SERVICE

10. Federal Government Access Services (Cont'd)

10.8 Security and Emergency Services (Cont'd)

10.8.1 Type and Description (Cont'd)

(D) Telecommunications Service Priority (TSP) System (Cont'd)

(8) Credit allowance for service interruption for Priority Restoration Maintenance and Administration shall be the same as for the Access Service with which it is associated as set forth in Section 2.7.1.1 preceding. (T)

(9) Certain activities performed by the Telephone Company in association with the TSP System are as follows:

(a) Priority Installation Invocation includes System Implementation, Verification, Confirmation, and Preemption.

(b) Priority Restoration Level Implementation includes System Implementation, Verification, and Confirmation.

(c) Priority Restoration Level Change includes Verification and Confirmation.

(d) Priority Restoration Maintenance and Administration includes Reconciliation and Preemption.

(10) The customer, in obtaining a Priority Restoration, recognizes that quoting charges and obtaining permission to proceed with the installation or restoration of certain Access Services will cause unnecessary delays. In subscribing to Priority Restoration service the customer recognizes this condition and grants the Telephone Company the right to quote charges after the restoration has been completed.



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ACCESS SERVICE

10. Federal Government Access Services (Cont'd)

10.8 Security and Emergency Services (Cont'd)

10.8.2 Rates and Charges

District of Columbia and the States of Maryland and Virginia

(A) Voice Grade Special Access Service

The provision of G conditioned services contemplates station and tandem switching operations, using customer provided equipment, as well as Special Access Service. In addition to the rates and charges shown below, appropriate channel termination and mileage rates and charges for interstate narrowband or voicegrade services provided by the Telephone Company, where required, apply. (C) (C) (D)

| Voice Grade Secure Communications | USOC | Monthly Rates | Nonrecurring Charges | |
|---|---|---|---|---|
| Type II, each G-1 Conditioning, per service termination | GTA | $425.00 | $1.00 | (D) \| \| (D) |
| Type III, each G-2 Conditioning, per service termination | GTD | 450.00 | $1.00 | (D) \| \| (D) |



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ACCESS SERVICE

10. Federal Government Access Services (Cont'd)

10.8 Security and Emergency Services (Cont'd)

10.8.2 Rates and Charges (Cont'd)

District of Columbia and the States of Maryland and Virginia (Cont'd)

(A) Voice Grade Special Access Service (Cont'd)

| Voice Grade Secure Communications | USOC | Monthly Rates | Nonrecurring Charges | |
|---|---|---|---|---|
| Type IV, each G-3 Conditioning, per service termination | GTJ | $475.00 | $1.00 | (D) (D) |

(B) Reserved.



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ACCESS SERVICE

10. Federal Government Access Services (Cont'd)

10.8 Security and Emergency Services (Cont'd)

10.8.2 Rates and Charges (Cont'd)

(C) Special Routing Access Service

The following rates and charges are in addition to all other rates and charges that may be applicable for other services that may be furnished under the provisions of this tariff to operate in conjunction with this service.

| | USOC | Recurring Charges | Nonrecurring Charges |
|---|---|---|---|
| (1) Special Routing Access Service Area Plan-Setup and Removal, Per End Office or Tandem Office Switching System. (Note 1)(Note 2) | G1B | - | $106.05 |
| (2) Special Routing Access Service Trunk Group Setup and Removal, Per End Office or Tandem Office Switching System, Per Occurrence (Note 1) (Note 2) | G1D | - | 617.32 |

(Note 1) The service setups will only be activated in offices that are specifically negotiated by the customer with the Telephone Company and are mutually agreeable between both parties.

(Note 2) End Offices will be updated for activation and/or deactivation annually.

ACCESS SERVICE

10. Federal Government Access Services (Cont'd)

10.8 Security and Emergency Services (Cont'd)

10.8.2 Rates and Charges (Cont'd)

(C) Special Routing Access Service (Cont'd)

| | USOC | Recurring Charges | | Nonrecurring Charges |
|---|---|---|---|---|
| (3) Activation or Deactivation, of Special Routing Access Service, Per End Office or Tandem Office Switching System, Per Occurrence | G1E | - | | $113.66 |
| (4) Special Routing Access Service Trunk Usage, When Activated, Per Trunk, Per Initial Activation Hour | | | G1T | $1.45 * |
| (5) Special Routing Access Service Trunk Usage, When Activated, Per Trunk, Per Subsequent One-half Hour | G1N | .72 * | | - |
| (6) Special Routing Access Service Maintenance and Administration, Per End Office or Tandem Office Switching System, Per Month | G1M | 64.83 | | - |

* This rate is in addition to Trunk Side Premium Access Service rates, as set forth in 6 preceding, which apply on an ongoing basis whether SRAS is activated or not.

ACCESS SERVICE

10. Federal Government Access Services (Cont'd)

10.8 Security and Emergency Services (Cont'd)

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ACCESS SERVICE

10. Federal Government Access Services (Cont'd)

10.8 Security and Emergency Services (Cont'd)

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ACCESS SERVICE

10. Federal Government Access Services (Cont'd)

10.8 Security and Emergency Services (Cont'd)

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ACCESS SERVICE

10. Federal Government Access Services (Cont'd)

10.8 Security and Emergency Services (Cont'd)

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ACCESS SERVICE

10. Federal Government Access Services (Cont'd)

10.8 Security and Emergency Services (Cont'd)

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ACCESS SERVICE

10. Federal Government Access Services (Cont'd)

10.8 Security and Emergency Services (Cont'd)

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ACCESS SERVICE

10. Federal Government Access Services (Cont'd)
10.8 Security and Emergency Services (Cont'd)
10.8.2 Rates and Charges (Cont'd)
(D) Telecommunications Service Priority (TSP) System

The following rates and charges are in addition to all other rates and charges that may be applicable for other services that may be furnished under the provisions of this tariff which operate in conjunction with the TSP System. This includes, but is not limited to, Maintenance of Service as set forth in 13.3.1 following.

When a Special Access Service is provided entirely or in part under this tariff, the TSP rates and charges in this tariff will apply. (N) | (N)

| | USOC | Monthly Rates | Nonrecurring Charges | |
|---|---|---|---|---|
| (1) Priority Installation (PI) of an Access Service - Invocation includes System Implementation, Verification, Confirmation and Preemption* - Per Circuit | | | | |
| Prime Service Vendor | P1APX | None | $130.00 | (D) |
| Subcontractor | P1ASX | None | $130.00 | (D) |

(a) Expedited (Emergency or Essential): Regulations, rates and charges are the same as those set forth in 5.2.2(D) preceding for the Switched or Special Access Service for which PI is required.

(b) Utilizing Specially Constructed Facilities: Regulations, rates and Facilities charges are the same as those set forth in the appropriate Special Construction Tariff for Switched or Special Access Services for which PI is required (see Section 1.5 preceding).

* When an Access Service is ordered with both PI and PR, the associated nonrecurring charge for PR applies.



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ACCESS SERVICE

10. Federal Government Access Services (Cont'd)

10.8 Security and Emergency Services (Cont'd)

10.8.2 Rates and Charges (Cont'd)

(D) Telecommunications Service Priority (TSP) System (Cont'd)

| | USOC | Monthly Rates | Nonrecurring Charges | |
|---|---|---|---|---|
| (2) Priority Restoration (PR) Level Implementation on an Access Service - Per Circuit | | | | |
| (a) When PR level is implemented - includes System Implementation Verification and Confirmation* | | | | |
| Prime Service Vendor | PR5PX | None | $75.00 | (D) (D) |
| Subcontractor | PR5SX | None | 75.00 | (D) (D) |

* When an Access Service is ordered with both PI and PR, the associated nonrecurring charge for PR applies.



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ACCESS SERVICE

10. Federal Government Access Services (Cont'd)

10.8 Security and Emergency Services (Cont'd)

10.8.2 Rates and Charges (Cont'd)

(D) Telecommunications Service Priority (TSP) System (Cont'd)

(2) (Cont'd)

| | USOC | Monthly Rates | Nonrecurring Charges | |
|---|---|---|---|---|
| (b) When the PR level is changed on an associated working Access Service - includes Verification and Confirmation | | | | |
| Prime Service Vendor | PR8PX | None | 130.00 | (D) (D) |
| Subcontractor | PR8SX | None | 130.00 | (D) (D) |
| (c) Administration and maintenance of PR Service - includes Reconciliation and Preemption | | | | |
| Prime Service Vendor | PR9PX | 2.00 | None | (D) (D) |
| Subcontractor | PR9SX | 2.00 | None | (D) (D) |

* When an Access Service is ordered with both PI and PR, the associated nonrecurring charge for PR applies.



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ACCESS SERVICE

10. Federal Government Access Services (Cont'd)

10.9 Specialized Service and Arrangements

Services provided in this section are unique service arrangements for agencies and branches of the Federal Government, and other users authorized by the Federal Government. The rates and charges for these services are developed on an individual case basis. Unless otherwise stated these services are offered in the Washington LATA.

10.9.1 Reserved



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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Service and Arrangements

10.9.2 Government Emergency Telecommunications-Alternate Carrier Routing Service (GETS-ACR)

GETS-ACR is an emergency telecommunications service offered by the United States Government Office of the Manager, National Communications System (OMNCS). Access to GETS-ACR is accomplished through the use of the 710 non-geographical Numbering Plan Area (NPA) code activated in end offices and tandem switching office systems, and by an Interexchange Carrier (IC) designated by the OMNCS as a GETS-ACR designated IC. GETS-ACR Access is available in the entire Telephone Company service area. The GETS-ACR 710 non-geographical NPA code will be opened in all areas serviced by the Telephone Company.

GETS-ACR allows the GETS universal access number 710-NCS-GETS or 1 plus the GETS access number, to be treated uniquely within the public network. GETS-ACR routes the call alternately to three pre-selected Interexchange Carriers (ICs), identified by their Carrier Identification Codes (CICs). Calls are routed based on a predetermined sequence:

- Primary IC
- Alternate IC
- Second Alternate IC

GETS-ACR facilities are designed to be used only for emergency government telecommunications and for testing of government emergency systems and may not be used by unauthorized end users. The Telephone Company will work cooperatively with the customer to provide service at the customer's request where facilities are available. In cases where facilities are not available, the Telephone Company will provide service to the customer as soon as reasonably possible.

(A) Rates and Charges

| | USOC | Monthly Rate | Nonrecurring Charge |
|---|---|---|---|
| GETS-ACR Code Activation - per end office | ARFPE | $30.00 | $1,000.00 |
| GETS-ACR Rearrangement - per occurrence | NRBGY | | 150.00 |

ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Service and Arrangements (Cont'd)

10.9.2 Government Emergency Telecommunications-Alternate Carrier Routing Service (GETS-ACR) (Cont'd)

10.9.2.1 GETS-ACR Calling Party Number (CPN) Feature

(A) Description

Calling Party Number (CPN) modifies the call detail information from the originating calling party number to the universal GETS access number 710-NCS-GETS. It is the universal GETS access number, not the actual calling party number that is passed to the Interexchange Carriers (ICs). The capability to activate and deactivate this feature will be provided. The Telephone Company will deploy CPN where technically available.

(B) Rates and Charges

| | USOC | Nonrecurring Charge |
|---|---|---|
| Calling Party Number<br>- per service activation and deactivation | NRBGZ | $150.00 |

ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Service and Arrangements

10.9.2 Government Emergency Telecommunications-Alternate Carrier Routing Service (GETS-ACR) (Cont'd)

10.9.2.2 Government Emergency Telecommunications Service High Probability of Completion/Enhanced Alternate Carrier Routing (T) (T)

Government Emergency Telecommunications Service High Probability of Completion/Enhanced Alternate Carrier Routing (GETS HPC/EACR) is an emergency telecommunications service offered by the United States Government Office of the Manager, National Communications System (OMNCS). Access to GETS HPC/EACR provides a greater likelihood that callers using this special arrangement will complete their calls during periods when the Telephone Company network is congested. GETS calls will be marked with a special "high probability of completion" (HPC) designation, which elevates the class of a call above its normal level. (T) (T)

GETS HPC/EACR is available in all end offices and tandem switches in the Telephone Company service area where technically feasible.

GETS HPC/EACR facilities are designed to be used for emergency Federal government telecommunications only and may not be used by unauthorized end users.

(A) Rates and Charges

| | USOC | Monthly Rate | Nonrecurring Charge |
|---|---|---|---|
| GETS HPC/EACR Service | | | |
| - Per End Office | | $35.00 | $2,778.71 |
| - Per Access Tandem | | 39.01 | 3,723.94 |

ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Service and Arrangements

10.9.2 Government Emergency Telecommunications-Alternate Carrier Routing Service (GETS-ACR) (Cont'd)

10.9.2.3 GETS Expanded Enhanced Alternate Carrier Routing (GETS Expanded EACR) (N)

GETS Expanded EACR provides end offices with the ability to perform EACR on any 10 digit number with the 710 NPA code (710-XXX-XXXX). GETS Expanded EACR is available in end offices in the Telephone Company service area where technically feasible.

(A) Rates and Charges

| | USOC | Nonrecurring Charge | Monthly Rate | |
|---|---|---|---|---|
| GETS Expanded EACR - Per End Office | NOTE | $145.00 | N/A | (N) |

NOTE: USOC to be provided later. (N)

ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Service and Arrangements

10.9.2 Government Emergency Telecommunications-Alternate Carrier Routing Service (GETS-ACR) (Cont'd)

10.9.2.4 GETS Expanded High Probability of Completion (GETS Expanded HPC) and Office Wide Call/Egress Queuing/ (N)

GETS Expanded HPC enables suitably equipped offices to recognize any 10 digit number with the 710 NPA code (710-XXX-XXXX) and apply the HPC feature.

GETS Office Wide Call/Egress Queuing (OWCQ/OWEQ) provides a greater likelihood that GETS callers will complete their HPC calls during periods when the Telephone Company network is congested. When all trunks in a public trunk group are busy, Office Wide Call Queuing enables a call to be placed in queue on any member of the trunk group to wait its turn to be passed on through the network to the called destination. When all trunks in a private trunk group (PBX system) are busy, Office Wide Egress Queuing enables a call to be placed in queue until the next trunk is available.

Expanded HPC and OWCQ/OWEQ is available in all end office and tandem switches in the Telephone Company area where technically feasible.

(A) Rates and Charges

| | USOC | Nonrecurring Charge | Monthly Rate | |
|---|---|---|---|---|
| GETS Expanded HPC and OWCQ/OWEQ | | | | |
| - Per End Office/ Access Tandem | NOTE | $600.00 | $3.50 | (N) |

(N)

NOTE: USOC to be provided later.

ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

10.9.3 Reserved for Future Use (C)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

10.9.4 Reserved (C)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

10.9.5 Reserved for Future Use (C)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)
10.9 Specialized Services and Arrangements (Cont'd)

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10. Special Federal Government Access Services (Cont'd)
10.9 Specialized Services and Arrangements (Cont'd)

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10. Special Federal Government Access Services (Cont'd)
    10.9 Specialized Services and Arrangements (Cont'd)

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10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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10. Special Federal Government Access Services (Cont'd)
10.9 Specialized Services and Arrangements (Cont'd)

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10.9 Specialized Services and Arrangements (Cont'd)

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10.9 Specialized Services and Arrangements (Cont'd)

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10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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10. Special Federal Government Access Services (Cont'd)
10.9 Specialized Services and Arrangements (Cont'd)

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10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

10.9.6 FAA Telecommunications Infrastructure (FTI)

(A) General

The FAA Telecommunications Infrastructure (FTI) is a uniquely rated and designed program providing certain Special Access services for the Federal Aviation Administration (FAA), with Harris Corporation as agent for the FAA. FTI provides Voice Grade Service, Digital Data Service, High Capacity Services (DS1 and DS3), and IntelliLight Broadband Transport (IBT).

(B) Terms and Conditions

(1) FTI is provided pursuant to a five-year contract and may be renewed up to thirteen times in one-year increments. The service will continue until terminated for up to an 18- year period. (C) (C)

(2) Except as otherwise stated in this section, the services provided are the same as those services described in Section 7 preceding of this tariff. The services are subject to the general regulations of this tariff unless otherwise stated. (D) (D)

(3) FTI is available from every wire center in all operating territories under this tariff, subject to the availability of suitable facilities.

(4) FTI allows connectivity to other Telephone Company services and to any other Interexchange Carrier point of presence (POP) through Collocated Interconnection as described in Section 19 following.

(5) The rates and charges for FTI are specified in (C) following and apply in lieu of the rates, charges and term plans specified in Section 7 for the specific service involved (D)

(6) Service connections will utilize the following Network Channel Interface codes.

| Service | NC | NCI | SECNCI |
|---|---|---|---|
| VG4 4 Wire | LE-- | 04NO2 | 04NO2 |
| VG4 4 Wire (Derived from DS1) | LE-- | 04DS9.15<br>04DS9.1S<br>04DU9<br>04QB9.11 | 04NO2 |
| VG6 4 Wire | LG-- | 04NO2<br>04DA2 | 04NO2<br>04DA2 |



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10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

10.9.6 FAA Telecommunications Infrastructure (FTI) (Cont'd)

(B) Terms and Conditions (Cont'd)

(6) Service connections will utilize the following Network Channel Interface codes (Cont'd)

| Service | NC | NCI | SECNCI | (C) |
|---|---|---|---|---|
| VG6 4 Wire | LG-- | 04DS9.15 | 04NO2 | (x) |
| (Derived from DS1) | | 04DS9.1S | 04DA2 | |
| | | 04DU9 | | |
| | | 04QB9.11 | | |
| VG7 4 Wire | LH-- | 04NO2 | 04NO2 | |
| VG7 4 Wire | LH-- | 04DS9.15 | 04NO2 | |
| (Derived from DS1) | | 04DS9.1S | | |
| | | 04DU9 | | |
| | | 04QB9.11 | | |
| VG9 4 Wire | LK-- | 04NO2 | 04NO2 | |
| VG9 4 Wire | LK-- | 04DS9.15 | 04NO2 | |
| (Derived from DS1) | | 04DS9.1S | | |
| | | 04DU9 | | |
| | | 04QB9.11 | | |
| VG10 4 Wire | LN-- | 04NO2 | 04NO2 | |
| | | 04NO3 | 04NO3 | |
| | | 06DA2 | 06DA2 | |
| VG10 4 Wire | LN-- | 04DS9.15 | 04NO2 | |
| (Derived from DS1) | | 04DS9.1S | 04NO3 | |
| | | 04DU9 | 06DA2 | |
| | | 04QB9.11 | | (C) (x) |

(x) Certain material on this page formerly appeared on Original Page 10-53.

ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

10.9.6 FAA Telecommunications Infrastructure (FTI) (Cont'd)

(B) Terms and Conditions (Cont'd)

(6) Service connections will utilize the following Network Channel Interface codes (Cont'd)

| Service | NC | NCI | SECNCI | (C) |
|---|---|---|---|---|
| DDS 64 Kbps | XDA-, XDAB | 04DU5.64<br>04DS9.15<br>04DS9.1S<br>04DU9<br>04QB9.11 | 04DU5.64 | (C) |
| DS1 no CFA (non-Collocated) | HC--, HCE-, HC-M, HCEM | 04DS9.15<br>04DS9.1S<br>04DU9 | 04DS9.15<br>04DS9.1S<br>04DU9<br>04QB9.11<br>04DS6.44<br>04QB6.33 | |
| DS1 riding CA/PR (Collocated) | HC--, HCE-, HC-M, HCEM | 04QB9.11 | 04DS9.15<br>04DS9.1S<br>04DU9<br>04QB9.11<br>04DS6.44<br>04QB6.33 | |
| DS1 from DS3 (Collocated) | HC--, HCE-, HC-M, HCEM | 04QB6.33 | 04DS9.15<br>04DS9.1S<br>04DU9<br>04QB9.11<br>04DS6.44<br>04QB6.33 | |
| DS1 from DS3 (non-Collocated) | HC--, HCE-, HC-M, HCEM | 04DS6.44 | 04DS9.15<br>04DS9.1S<br>04DU9<br>04QB9.11<br>04DS6.44<br>04QB6.33 | (C) |

Certain material previously found on this page can now be found on Original Page 10-54.1.

ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

10.9.6 FAA Telecommunications Infrastructure (FTI) (Cont'd)

(B) Terms and Conditions (Cont'd)

(6) Service connections will utilize the following Network Channel Interface codes (Cont'd)

| Service | NC | NCI | SECNCI |
|---|---|---|---|
| DS3/Electrical (non-Collocated) | HF--, HFC-, HF-M, HCEM | 04DS6.44<br>04QB6.33 | 04DS6.44<br>04QB6.33 |
| DS3 (Collocated) | HF--, HFC-, HF-M, HFZM | 04QB6.33 | 04DS6.44<br>04QB6.33 |

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

10.9.6 FAA Telecommunications Infrastructure (FTI) (Cont'd)

(C) Rates and Charges

For each service provided under FTI, the following rates and charges apply.

| | USOC | Monthly Rate | Nonrecurring Charge | |
|---|---|---|---|---|
| (1) Voice Grade Service | | | | |
| (a) Channel Termination<br>Per point of termination | | | | |
| - Four Wire | TVJJ4 | $44.10 | $1.00 | (D) (D) |
| (2) Digital Data Service | | | | |
| (a) Channel Termination<br>Per point of termination | | | | |
| - 64 Kbps | TVJKX | 66.50 | 1.00 | (D) (D) |



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10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

10.9.6 FAA Telecommunications Infrastructure (FTI) (Cont'd)

(C) Rates and Charges (Cont'd)

| | USOC | Monthly Rate | Nonrecurring Charge | |
|---|---|---|---|---|
| (3) High Capacity Service | | | | |
| (a) 1.544 Mbps (DS1) Channel Termination | | | | |
| - Per point of termination | TVJLX | $145.00 | $1.00 | (D) |
| (b) 44.736 Mbps (DS3) Optical or Electrical Channel Termination | | | | (T) |
| - Per point of termination | TVJMX | 1,598.00 | 1.00 | (D) |



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10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

10.9.7 Federal Markets High Capacity Services

(A) General

Provision of uniquely rated High Capacity Services that are provided to a customer for use only by agencies and branches of the Federal Government and other users authorized by the Federal Government. Federal Markets High Capacity Services are available in all end offices in the Telephone Company service area, subject to the availability of suitable facilities.

A High Capacity channel is a channel for the digital transmission of 1.544 or 44.736 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. High Capacity channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub at 1.544 and 44.736 Mbps transmission.

(1) DS1 High Capacity/1.544 Mbps Service Non-Competitive End User Channel Termination (C) (C)

DS1 service (a 1.544 Mbps facility) is provided with an electrical interface.

(2) DS3 High Capacity/44.736 Mbps Service Non-Competitive End User Channel Termination (C) (C)

DS3 service is available in standard channel termination configurations and is provided with an electrical interface.

(3) Channel Terminations other than Non-Competitive End User Channel Terminations, Channel Mileage and Central Office Multiplexing are detariffed. (C) (C)

(D) (D)

ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

10.9.7 Federal Markets High Capacity Services (Cont'd)

(B) Terms and Conditions

(1) Except as otherwise stated in this section, the services provided are the same as those services described in Section 7 preceding of this tariff.

(2) Except as otherwise noted, the regulations stated herein are in addition to other applicable regulations contained in other sections of this tariff for the underlying services, including credit allowances, and when applicable, rearrangement charges.

(3) The minimum service period for Federal Markets High Capacity Services is one month.

(4) Technical specifications for DS1 service are delineated in Technical Reference ANSI T1.403-1999 (R2007) for the carrier interface Network Interface (NI). Technical specifications for DS3 service are delineated in Technical Reference ANSI T1.404-2002 (R2006). (C)(x) (C)(x) (C)(x)

(5) The monthly rates and installation nonrecurring charges for Federal Markets High Capacity Services are specified in (C) following and apply in lieu of the monthly rates, installation nonrecurring charges and term plans specified in Section 7 for the specific service involved.

(6) Federal Markets High Capacity Services customers are not eligible for any additional discounts or to enroll/subscribe in any term, volume or discount plan under any other sections of this tariff.

(x) ANSI T1.403-1999 (R2007) replaces ANSI T1.403-1999 in its entirety.
ANSI T1.404-2002 (R2006) replaces ANSI T1.404-2002 in its entirety.

ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)
10.9 Specialized Services and Arrangements (Cont'd)
10.9.7 Federal Markets High Capacity Services (Cont'd)

(C) Rates and Charges

| | USOC | Monthly Rates | Nonrecurring Charges | |
|---|---|---|---|---|
| (1) Channel Termination, Per point of termination | | | | |
| a) 1.544 Mbps/DS1 Service | TVJYX | | | |
| Rate Zone 1 | | $ 142.00 | $220.00 | |
| Rate Zone 2 | | 142.00 | 220.00 | |
| Rate Zone 3 | | 142.00 | 220.00 | (D) |
| b) 44.736 Mbps/DS3 Service | TVJZX | | | |
| Rate Zone 1 | | $1,300.00 | $1.00 | |
| Rate Zone 2 | | 1,300.00 | 1.00 | |
| Rate Zone 3 | | 1,300.00 | 1.00 | (D) |

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10.9.8 Reserved (C)

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10.9 Specialized Services and Arrangements (Cont'd)

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10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

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ACCESS SERVICE

10. Special Federal Government Access Services (Cont'd)

10.9 Specialized Services and Arrangements (Cont'd)

10.9.9 Enterprise Infrastructure Solutions (EIS) (N)

(A) Federal Universal Service Fund (FUSF) Surcharge

EIS customers who are assessed a Subscriber Line Charge (SLC) as specified in Section 4.1.7(A) preceding will be assessed a monthly FUSF Surcharge as specified herein in lieu of the FUSF Surcharges set forth in Section 4.1.7(D)(2) and 4.1.7(D)(4) through 4.1.7(D)(6) preceding. The SLC is included in the EIS customer's rate.

The FUSF Surcharge applicable to EIS will be determined by multiplying an FUSF Surcharge Factor, as set forth in Section 4.1.7(D)(14) preceding, by the SLC portion of the monthly recurring charge applicable to the EIS customer for each of the following services:

- ISDN BRI
- ISDN PRI
- Single Line Business
- Multi-Line Business

(N)

ACCESS SERVICE

## 11. Special Facilities Routing of Access Services

### 11.1 Description of Special Facilities Routing of Access Services

The services provided under this tariff are provided over such routes and facilities as the Telephone Company may elect. Special Facilities Routing is involved when, in order to comply with requirements specified by the customer, the Telephone Company provides Switched Access Service, Special Access Service or Special Federal Government Access Service in a manner which includes one or more of the following conditions:

#### 11.1.1 Diversity

Two or more services must be provided over not more than two different physical routes.

#### 11.1.2 Avoidance

A service must be provided on a route which avoids specified geographical locations.

#### 11.1.3 Cable-Only Facilities

Certain Voice Grade services are provided on Cable-Only Facilities to meet the particular needs of a customer.

Service is provided subject to the availability of Cable-Only facilities. In the event of a service failure, restoration will be made through the use of any available facilities as selected by the Telephone Company.

ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont'd)

11.1 Description of Special Facilities Routing of Access Services (Cont'd)

In order to avoid the compromise of special routing information, the Telephone Company will provide the required routing information for each specially routed service to only the ordering customer. If requested by the customer, this information will be provided when service is installed and prior to any subsequent changes in routing.

The offering of Special Facilities Routing of Access Services contemplates the use of existing facilities. Should facilities not be available, it may be necessary to construct such facilities, either as (1) normal or (2) Special Construction. If Special Construction is involved, the regulations, as set in the appropriate Special Construction tariff as identified in Section 1.5 will apply. However, the applicable rates and charges shall be filed in this section of this tariff, not the Special Construction tariff. In either case of (1) or (2) preceding, the rates and charges for any specific items of cost directly attributable to the provision of this service shall be filed in this section.

The rates and charges for Special Facilities Routing of Access Services as set forth in 11.2 following are in addition to all other rates and charges that may be applicable for services provided under other sections of this tariff.

11.2 Rates and Charges for Special Facilities Routing of Access Service

The rates and charges for Special Facilities Routing of Access Services are as follows:

11.2.1 Diversity

For each service provided in accordance with 11.1.1 preceding.

| | USOC | Monthly Rate |
|---|---|---|
| Administration - per circuit | DVA | $ 5.00 |
| | | Rates and Charges |
| Special Facilities - Other | SYD++ | ICB rates and charges apply |

ICB Rates and charges are filed in 11.2.5 following.

ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont'd)

11.2 Rates and Charges for Special Facilities Routing of Access Service (Cont'd)

11.2.2 Avoidance

For each service provided in accordance with 11.1.2 preceding.

| | USOC | Rates and Charges |
|---|---|---|
| Special Facilities | SYA++ | ICB rates and charges apply |

11.2.3 Diversity and Avoidance Combined

For each service provided in accordance with 11.1.1 and 11.1.2 preceding, combined.

| | USOC | Monthly Rate |
|---|---|---|
| Administration - per circuit | DVA | $5.00 |

| | | Rates and Charges |
|---|---|---|
| Special Facilities - Other | SYB++ | ICB rates and charges apply |

ICB Rates and charges are filed in 11.2.5 following.

ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont'd)

11.2 Rates and Charges for Special Facilities Routing of Access Service (Cont'd)

11.2.4 Cable-Only Facilities

For each service provided in accordance with 11.1.3 preceding.

| | USOC | Rates and Charges |
|---|---|---|
| Special Facilities | SYC++ | ICB rates and charges apply |

ICB Rates and charges are filed in 11.2.5 following.

ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont'd)

11.2 Rates and Charges for Special Facilities Routing of Access Service (Cont'd)

11.2.5 Individual Case Filings

Rates and charges for Special Facilities Routing of Access Service provided on an individual case basis are filed following:

Delaware

CITIBANK

Provision of Alternate Serving Wire Center service (ASWC) via special construction of local loop fiber facilities. A DS3 ASWC connection is provided to the Newark, Delaware Central Office. In addition to these special construction charges, the tariffed rates as stated in Section 7 for DS3 and ASWC services apply. Case No. D55120

| | | USOC |
|---|---|---|
| Special Construction Nonrecurring Charge | $ 21,755.00 | SYDBV |

ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont'd)

11.2 Rates and Charges for Special Facilities Routing of Access Service (Cont'd)

11.2.5 Individual Case Filings (Cont'd)

New Jersey

AT&T

Special facilities routing for the provision of DS1 Diversity (for AT&T's existing DS1 service) between AT&T at 75 West Passaic Street, Rochelle Park and 670 Winters Avenue, Paramus. The customer-selected contract period is monthly. The reference number is 88D051.

| | | USOC |
|---|---|---|
| DS1 Diversity Monthly Special Construction Rate | $ 143.00 | SYDAJ |
| Special Construction Nonrecurring Charge | 750.00 | |

AT&T

Special facilities routing for the provision of DS1 Diversity (for AT&T's existing DS1 service) between AT&T at 156 Sandford Street in New Brunswick, New Jersey and 601 Bound Brook Road in Middlesex, New Jersey. The customer-selected commitment period is one month. Ref. No. 88D055.

| | | USOC |
|---|---|---|
| DS1 Diversity Monthly Special Construction Rate | $ 8.00 | SYDAL |
| Special Construction Nonrecurring Charge | 4,000.00 | |

Fidata Computer Center

Special facilities routing for the provision of DS1 Diversity (for Fidata's existing DS1 service) between 1500 Palisades Avenue, Teaneck, New Jersey and a meet point with New York Telephone at the Hudson River. The customer-selected commitment period is one month. Ref. No. 68G022.

| | | USOC |
|---|---|---|
| DS1 Diversity Monthly Special Construction Rate | $ 1,645.00 | SYDAN |
| Special Construction Nonrecurring Charge | 15,550.00 | |

ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont'd)

11.2 Rates and Charges for Special Facilities Routing of Access Service (Cont'd)

11.2.5 Individual Case Filings (Cont'd)

New Jersey

AT&T

Provision of special facilities for Diversity Routing of High Capacity Special Access Service between 670 Winters Avenue, Paramus, NJ and the AT&T POP in Newark, NJ. #88G136.

| | | USOC |
|---|---|---|
| Diversity Monthly Rate | $ 143.00 | SYDBE |
| Special Construction Nonrecurring Charge | 12,025.00 | SYDBE |

AT&T

Provision of special facilities for Diversity Routing of High Capacity Special Access Service between 40 Amity Street and the New Jersey Bell Bergen Wire Center Jersey City, New Jersey. #89G042.

| | | USOC |
|---|---|---|
| Special Construction Nonrecurring Charge | $ 1,900.00 | |
| Diversity Monthly Rate | 203.00 | SYDBF |

Lightnet

Provision of special facilities for Diversity Routing of High Capacity Special Access Service between the New Jersey Laurel Springs Central Office and the Lightnet POP in Mercerville, NJ. #89G053

| | | USOC |
|---|---|---|
| Diversity Monthly Rate | $ 515.00 | SYDAW |
| Special Construction Nonrecurring Charge | 1,625.00 | |

ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont'd)

11.2 Rates and Charges for Special Facilities Routing of Access Service (Cont'd)

11.2.5 Individual Case Filings (Cont'd)

New Jersey

Budget Rent A Car

Provision of special facilities for Diversity Routing of High Capacity Special Access Service between the Bergen C.O. and New York City. Case # 89D152

| | | USOC |
|---|---|---|
| Diversity Monthly Rate | $ 310.00* | SYDAY |
| Nonrecurring Charge | $1,625.00 | |

MCI

Provision of special facilities for Diversity Routing of High Capacity Special Access Service between the Newark C.O. and the Allstate Insurance Company, Murray Hill, New Jersey. Case # 89G050

| | | USOC |
|---|---|---|
| Diversity Monthly Rate | $ 14.00* | SYDAX |
| Nonrecurring Charge | $2,625.00 | |

NBC

Provision of a special facility, a video circuit, that provides diversity and automatic protection switching for a multichannel video service between 2200 Fletcher Avenue, Fort Lee, NJ and Bell Atlantic's Hudson River meetpoint with NYNEX. Diversity is not 100% guaranteed due to a single entry cable at the customer's building. Tariff rates apply for the associated multichannel video service.

The term period for this service is 60 months. Termination liability applies if service is disconnected prior to the end of the term. Maximum termination liability shall be the monthly rate times the number of months remaining in the term period. The customer may move this service to another video circuit subject to possible rate adjustments to be negotiated. Case No: SRA 96B125

| | | USOC |
|---|---|---|
| Monthly Rate | $ 2,184.00 | SYDBW |
| Nonrecurring Charge | $ 1,150.00 | |

* In addition, tariff rates as specified in Section 7 apply for high capacity service provided over these facilities.

ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont'd)

11.2 Rates and Charges for Special Facilities Routing of Access Service (Cont'd)

11.2.5 Individual Case Filings (Cont'd)

New Jersey

AT&T

Provision of special facilities for Diversity Routing of High Capacity Special Access Service between the AT&T POP in Newark and the Shaw Data Service's Premises in Fairfield, New Jersey. Case # 89G118

| | | USOC |
|---|---|---|
| Diversity Monthly Rate | $ 98.00 | SYDAZ |
| Nonrecurring Charge | $9,200.00 | |

AT&T

Provision of special facilities for Diversity Routing of High Capacity Special Access Service between United Parcel Service in Paramus and the AT&T POP in Newark, N.J. This special routing is designed to provide avoidance of the New Jersey Bell Oradell Central Office. Case # 89G119

| | | USOC |
|---|---|---|
| Recurring Monthly Charge | $ 64.00 | SYDAM |
| Nonrecurring Charge | $1,850.00 | |

NBC

Provision of a special video facility that provides diversity and automatic protection switching for a multichannel video service between 2200 Fletcher Avenue, Fort Lee, NJ and Bell Atlantic's Hudson River meetpoint with NYNEX. Diversity is not 100% guaranteed due to a single entry cable at the customer's building. The initial service provides protection for 5 channels of a maximum 8 channel multichannel service. Rates in Section 7 apply for the multichannel video service.

The term period for this service is 60 months. Termination liability applies if service is disconnected prior to the end of the term. Maximum termination liability shall be the monthly rate times the number of months remaining in the term period. The customer may move this service to another circuit subject to possible rate adjustments to be negotiated. Case No. SRA 96B129

| | Monthly Rate | Nonrecurring | USOC |
|---|---|---|---|
| Initial Service | $1,959.00 | $1,150.00 | SYDB1 |
| Subsequent Service - per Channel Covered | 75.00 | NONE | SYDB2 |

* In addition, tariff rates as specified in Section 7 apply for High Capacity service provided over these facilities.

ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont'd)

11.2 Rates and Charges for Special Facilities Routing of Access Service (Cont'd)

11.2.5 Individual Case Filings (Cont'd)

Pennsylvania

Provident Mutual Ins. Co.

Provision of special facilities for Diversity Routing of High Capacity Special Access Service between the Bell of PA Evergreen Central Office in Philadelphia, PA, and the Diamond State Wilmington Central Office in Wilmington, DE. #55318.

| | | | USOC |
|---|---|---|---|
| Diversity Monthly Rate | $ | 9.50 | SYDBB |

AT&T

Provision of special facilities for Diverse Routing of Voice Grade Special Access Service between the AT&T Schuykill POT through the Bell of PA Central Office located at 9th and Race Sts., to the end user's premises at 5th and Market Sts., Philadelphia, PA. #55361.

| | | | USOC |
|---|---|---|---|
| Diversity Route Monthly Rate | $ | 9.50 | SYDAT |

Westinghouse Electric

Provision of special facilities for Diversity Routing of High Capacity Special Access Service between Westinghouse at Brinton Road, Wilkinsburg, Pennsylvania and the Bell of PA. Central Office at 416 Seventh Avenue, Pittsburg, Pennsylvania. Case # 58679

| | | USOC |
|---|---|---|
| Monthly Recurring Rate* | $1,500.00 | SYDA3 |

* In addition, tariff rates as specified in Section 7 apply for High Capacity service provided over these facilities.



Vice President
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ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont'd)

11.2 Rates and Charges for Special Facilities Routing of Access Service (Cont'd)

11.2.5 Individual Case Filings (Cont'd)

Pennsylvania

ATT Communications

Provision of special facilities for Diversity Routing of High Capacity Special Access Service between the Bell of PA Central Office in Scranton, Pa. and the Metropolitan Life Insurance Company in Clarks Summit, Pa.

| | | USOC |
|---|---|---|
| Diversity Monthly Rate | $ 9.50 | SYDA7 |
| Special Construction Nonrecurring Charge | 110,000.00 | |

ATT Communications

Provision of special facilities for Diversity Routing of High Capacity Special Access Service between the Bell of PA Central Office in Harrisburg, Pa. and the Bethlehem Steel Plant in Steelton, Pa.

| | | USOC |
|---|---|---|
| Diversity Monthly Rate | $ 9.50 | SYDA6 |
| Special Construction Nonrecurring Charge | 3500.00 | |
| Special Construction Monthly Charge | 188.94 | |

Genix Corporation

Provision of special facilities for Diversity Routing of High Capacity Special Access Service between the Bell of Pennsylvania Wire Center at 416-7th Avenue in Pittsburgh, PA and the meetpoint of the Altel Telephone Co., Leechburgh, PA. # 55258.

| | | USOC |
|---|---|---|
| Diversity Monthly Rate | $ 9.50 | SYDAH |

ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont'd)

11.2 Rates and Charges for Special Facilities Routing of Access Service (Cont'd)

11.2.5 Individual Case Filings (Cont'd)

Pennsylvania (Cont'd)

Genix Corporation

Provision of special facilities for Diversity Routing of High Capacity Special Access Service between the Bell of Pennsylvania Wire Center at 416-7th Avenue in Pittsburgh, PA and the Bell of PA Tarentum Wire Center. #55267.

| | | | USOC |
|---|---|---|---|
| Diversity Monthly Rate | $ | 9.50 | SYDAG |

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ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont'd)

11.2 Rates and Charges for Special Facilities Routing of Access Service (Cont'd)

11.2.5 Individual Case Filings (Cont'd)

Pennsylvania (Cont'd)

AT&T

Provision of special facilities for Diversity Routing of High Capacity DS1 Special Access Service between the Coraopolis, Central Office in Coraopolis, Pa. and AT&T POP in Pittsburg, Pa. Case #55332.

| | | USOC |
|---|---|---|
| Monthly Recurring Rate* | $ 340.00 | 1ZZA2 |

Mellon Bank

Provision of special facilities for Diversity Routing of High Capacity DS1 Special Access Service between the Marshallton, Central Office in Wilmington, Delaware and the Market Central Office in Philadelphia, Pennsylvania. Case # 55363.

| | | USOC |
|---|---|---|
| Monthly Recurring Rate* | $ 423.00 | 1ZZA1 |

* In addition, tariff rates as specified in Section 7 apply for High Capacity Service provided over these facilities.



Vice President
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ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont'd)

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ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont'd)

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Vice President, Federal Regulatory (T)
1300 I Street, NW, Washington, DC 20005 (T)

ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont'd)

11.2 Rates and Charges for Special Facilities Routing of Access Service (Cont'd)

11.2.5 Individual Case Filings (Cont'd)

Virginia (Cont'd)

Dominion Bankshares

Provision of Special Facilities for Avoidance Routing of High Capacity Special Access Service between 7711 Plantation Road and the Southernet POP at 210 First Street Roanoke, Virginia. This special routing is designed to provide avoidance of the C&P of Virginia Luck Avenue Central Office in Roanoke Virginia. # 1313-89

| | | USOC |
|---|---|---|
| Nonrecurring Charge | $ 4,400.00 | |
| Recurring Monthly Charge | $ 280.00 | SYDBC |

* In addition, tariff rates as specified in Section 7 apply for the High Capacity service or other Access Service provided over these diverse facilities.

ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont'd)

11.2 Rates and Charges for Special Facilities Routing of Access Service (Cont'd)

11.2.5 Individual Case Filings (Cont'd)

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ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont'd)

11.2 Rates and Charges for Special Facilities Routing of Access Service (Cont'd)

11.2.5 Individual Case Filings (Cont'd)

Maryland (N)

PHH Vehicle Management Service, LLC
Case No. 2003-251882

Provide Diverse Routing of IntelliLight Entrance Facility (IEF) Service between the Telephone Company's Manor Central Office and the customer's location at 940 Ridgebrook Road, Sparks Glencoe, MD.

The IEF facilities will be provided under the terms and conditions and rates and charges for IEF service as set forth in Sections 7.2.15 and 7.5.21 preceding.

In addition, the following rate applies for the diverse routing of IEF facilities.

This route diversity case is subject to a 60-month minimum period.

| | USOC | Monthly Rate | Nonrecurring Charge | |
|---|---|---|---|---|
| Diversity Monthly Rate | TBD | $1,348.93 | N/A | (N) |

ACCESS SERVICE

## 12. Specialized Service or Arrangements

### 12.1 General

Specialized Service or Arrangements may be provided by the Telephone Company, at the request of a customer, on an individual case basis if such service or arrangements meet the following criteria.

(A) The requested service or arrangements are not offered under other sections of this Tariff.

(B) The facilities utilized to provided the requested service or arrangements are of a type normally used by the Telephone Company in furnishing its other services.

(C) The requested service or arrangements are provided within a LATA.

(D) The requested service or arrangements are compatible with other Telephone Company services, facilities, and its engineering and maintenance practices.

(E) This offering is subject to the availability of the necessary Telephone Company personnel and capital resources.

### 12.2 Move Charges

(A) When service without a maximum termination liability charge associated with it is moved to a different building, the nonrecurring charge applies; when moved to a new location in the same building, a charge of one-half the nonrecurring charge applies.

(B) When service with a maximum termination liability charge associated with it is moved and is reinstalled at a new location, the customer may elect:

- to pay the unexpired portion of the maximum termination liability charge for the service, if any, with the application of a nonrecurring charge and the establishment of a new maximum termination liability charge for such service at the new location, or

- to continue service subject to the unexpired portion of the maximum termination liability charge, if any, and pay the estimated costs of moving such service, provided that the customer requests these charges be quoted prior to ordering the service move. Charges for moving such service will be based on estimated costs attributable to the move.

ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.2 Move Charges (Cont'd)

(B) (Cont'd)

Move charges include the estimated costs of removal, restoration of services or facilities necessitated by the move, transportation, storage, reinstallation, engineering, labor, supervision, materials, administration, and any other specific items of cost directly attributable to the move.

ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges

Rates and charges and additional regulations if applicable, for specialized service or arrangements provided on an Individual Case Basis are filed following:

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ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

Verizon (Cont'd)

Southern Net USA

Provision of a data base merger and transfer of presubscribed end users whose interexchange service has been acquired by Southern Net U.S.A. End users currently presubscribed to the Western Union and Institutional Communications Companies will be identified through a bill data base search and converted to Southern Net U.S.A. as their presubscribed Interexchange Carrier. These changes will affect end users served in the Virginia, Maryland and Washington, D.C. jurisdictions. #1407 89C

| | | USOC |
|---|---|---|
| Nonrecurring Charge | $ 2,610.00 | 1ZZST |
| Nonrecurring Installation Charge | | |
| Per State | 7,370.00 | 1ZZSU |
| Per Central Office | 80.00 | 1ZZSV |
| Per Line | .30 | 1ZZSW |

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ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

Verizon (Cont'd)

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12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

Verizon (Cont'd)

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ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

Verizon (Cont'd)

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ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

District of Columbia

USIA

Provision of an additional audio channel for a TV-1 service link. The additional audio channel will be located between the Telephone Company's AVOC Center at 725 13th Street, N.W., and two customer locations, 330 Independence Avenue, S.W., and 601 D Street, S.W., Washington, D.C.
Case No. 6066-92A

| | | USOC |
|---|---|---|
| Monthly Nonrecurring Charge | $ 40.00 | |
| Monthly Rate*, per circuit | $ 25.00 | TWTA8 |
| Maximum Termination Liability# | $5,000.00 | |
| Contract Term | | 5 years |

* In addition, tariff rates apply for TV-1 channels associated with this service, as specified in Section 7 of Verizon Tariff F.C.C. No. 1.

\# Termination Liability is to be reduced 1/60th for each month in service.

ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

District of Columbia (Cont'd)

AT&T Communications

Provision of a Break Rotary Hunt Arrangement between AT&T located at 30 E St. S.W., Washington, D.C., and the U.S. Department of Treasury, 633 3rd Street N.W., Washington, D.C. to enable the customer to stop switching equipment from hunting beyond a designated WATS Access Line in an incoming rotary line group, utilizing a customer provided control key at the end user premises and a metallic control channel between the Network Interface and the associated switching equipment located on the Telephone Company's premises.

| | | USOC |
|---|---|---|
| Monthly Charge, Each Arrangement* | $48.00 | 1ZZFG |

* In addition, rates apply for a Metallic Channel as specified in Verizon Tariff F.C.C. No. 1. Access Service, Section 7, between the end user and Telephone Company premises when those premises are situated within the same LATA but in different states.

AT&T Communications

Provisions of a Make-Busy Arrangement between AT&T located at 30 E St., S.W., Washington, D.C., and the U.S. Department of Treasury, 633 3rd Street, N.W. Washington, D.C. to enable the customer, during certain periods, to make busy one or more incoming WATS access lines by operating a customer provided control key at the end user premises.

| | | USOC |
|---|---|---|
| Monthly Charge, Each One or Two Lines Made Busy, Each* | $7.65 | 1ZZFH |
| Monthly Charge, Group Control Circuit, Required for Each Group of Three to Sixteen Lines to be Made Busy, Each* | $2.70 | 1ZZFJ |

* In addition, rates apply for a Metallic Control Channel between the end user and Telephone Company premises for each access line or line group to be made busy, as specified in Verizon Tariff F.C.C. No. 1, Access Service, Section 7, when those premises are situated within the same LATA but in different states.

The effective date of this material is January 10, 1986.

ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

District of Columbia (Cont'd)

United States Department of State

Provision of one hundred (100) pair 24 gauge building and underground cables between 2401 E Street, N.W., Washington, D.C., and 515 22nd Street, N.W., Washington, D.C. Ref. No. 3009-86.

| | | USOC |
|---|---|---|
| Nonrecurring Charge | $10,480.00 | 1ZZ1C |
| Monthly Rate | 85.00 | |

National Geographic Society

Provision of four hundred (400) pair underground cable between 1600 M Street, N.W., Washington, D.C. and 1615 M Street, N.W., Washington, D.C. Ref. No. 6018-86A.

| | | USOC |
|---|---|---|
| Nonrecurring Charge | $12,050.00 | |
| Monthly Rate | 30.00 | 1ZZGG |

ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

District of Columbia (Cont'd)

National Broadcasting Company, Inc.

Provision of an analog matrix video switching arrangement. The switch is to be located in the Telephone Company Audio/Video Operations Center (AVOC) at 730 12th Street, NW, Washington, DC. The arrangement will consist of a 128 x 128 frame that will be initialized as a 96 x 80 matrix switch. Included in the initial arrangement is 12 control interface ports; one for the Telephone Company's administration and maintenance activity, and eleven for NBC. NBC shall provide for control circuits between the AVOC and NBC's 30 Rockefeller Plaza, New York location.

In addition to the initial matrix, the video switch may be expanded in increments of 16 ports to its full capacity of 128 X 128. Additional control interface ports, up to a maximum of 50, may also be ordered.

NBC will be credited 50% of the monthly rate for the full arrangement, the initial order and any in service expansion, whenever there is a service outage/service interruption of thirty or more consecutive minutes. Total monthly credits will not exceed the monthly charge.

The contract period for this arrangement is 120 months and is subject to early termination liability. The maximum termination liability charge, MTL, for the 96 x 80 matrix arrangement is $160,200.00. The MTL is applicable for the first twenty-four months of this service arrangement and will decrease by 1/96th per month ($1,670.00/mo) for each subsequent month this arrangement remains in service. Termination liability is not applicable for an upgrade in capacity or functionality of the switch.

The voice grade data control circuit(s) and video transmissions are not a part of this arrangement. They are to be supplied by the customer and may be purchased from the Telephone Company at the rates specified in Section 7 of this tariff. Case No. 1922-95B.

| Service Description | Monthly Charge | Nonrecurring Charge | USOC |
|---|---|---|---|
| 96 x 80 Matrix | $10,099.00 | $ 7,618.00 | 1ZUL1 |
| Additional Control Ports, per port | | | |
| - First 1 - 20 | 347.00 | -0- | 1ZUL2 |
| - 21 - 50 | 312.00 | -0- | 1ZUL3 |
| 16 Port Expansion Module | | | |
| -per expansion | 768.00 | -0- | 1ZUL4 |

ACCESS SERVICE

12.3 Rates and Charges (Cont'd)

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ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

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ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

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ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

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ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

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1300 I Street, NW, Washington, D.C. 20005

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ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

District of Columbia (Cont'd)

Capitol Cities/ABC, Incorporated

Provision of one 64 x 48 audio analog matrix switching arrangement between the Telephone Company's Radio Center at 725-13th Street, N.W., Washington, D.C. and the customer's premises at 1717 DeSales Street, N.W., Washington, D.C. This arrangement is being provided to accommodate the customer's requirement for switching flexibility of audio transmissions originating from various locations utilizing a customer provided modem and ASCII terminal. Ref. No. 6062-87.

| | | USOC |
|---|---|---|
| Nonrecurring Charge | $ 108,595.00 | |
| Monthly Rate *# | 1,110.00 | 1ZZLG |

* In addition, rates apply for an appropriate voice grade control channel as specified in Verizon Tariff, F.C.C. No. 1, Access Services, Section 7.

\# In addition, rates apply for the program audio channels between the customer's locations and the Radio Center as specified in Verizon Tariff, F.C.C. No. 1, Access Services, Section 7.

ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

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ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

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ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

District of Columbia (Cont'd)

Madison National Bank

Provision of a DEX CS1 digital access cross connect system for the customer's use in switching between their location at 1730 M Street, N.W., Washington, D.C., and various other locations in and near Washington, D.C. This service is being provided for the purpose of service interruption prevention in the event of a cable or equipment failure along the primary route. Ref. No. 6067-87B.

| | | USOC |
|---|---|---|
| Nonrecurring Charges | | |
| High Capacity Port Interface | | |
| NRC, each | $ 389.47 | 1ZZMN |
| Case Preparation NRC | 3145.00 | 1ZZMP |
| Monthly Rates* | | |
| Common Equipment | 235.00 | 1ZZMR |
| Port Equipment, per port | 90.00 | 1ZZMS |
| High Capacity Port Interface, each | 243.18 | 1ZZMT |

* In addition, tariff rates apply for 1.544 mbps high capacity services and voice grade channels associated with this digital access cross connect-type arrangement. Those rates are specified in Section 7 of Verizon Tariff F.C.C. No. 1.

ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

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Vice President, Federal Regulatory
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ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

District of Columbia (Cont'd)

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ABC Radio Network

Provision of a Electronic Telephone Interface arrangement to enable the customer to remotely control their audio switching service from remote locations. The equipment necessary to provide this service will be located in the Telephone Company Radio Center at 725 - 13th Street, N.W., Washington, D.C. Ref. No. 1229-88 (associated with case no. 6062- 87).

| | | USOC |
|---|---|---|
| Nonrecurring Charge | | $ 1,400.00 |
| Monthly Rate, per interface device | 205.00 | 1ZZM5 |
| Maximum Termination Liability, per interface service | | 5,525.00 |

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ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

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ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

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ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

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ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

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1300 I Street, NW, Washington, D.C. 20005

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ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

State of Delaware

Teleconnect USA

Provision of a data base merger and transfer of presubscribed end users whose interexchange service has been acquired by Teleconnect SA. End users currently presubscribed to Western Union will be identified through a bill data base search and converted to Teleconnect USA as their presubscribed Interexchange Carrier. #58759

| | | USOC |
|---|---|---|
| Nonrecurring Charge | $ 1,140.00 | 1ZZBF |
| Nonrecurring Installation Charge | | |
| Per State | 3,100.00 | 1ZZBG |
| Per Central Office | 121.00 | 1ZZBH |
| Per Line | .39 | 1ZZBJ |

ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

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ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

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ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

State of Maryland (Cont'd)

AT&T Communications

Provision of forty (40) Special Data Arrangements and facilities between 11026 Fingerboard Road, Monrovia, Maryland and the Marriott Corporation Data Center Building located at 7300 Crestwood Boulevard, Frederick, Maryland.

| | | USOC |
|---|---|---|
| Nonrecurring Charge, each | $ | 327.00 |
| Monthly Rate, each | 75.00 | 1ZZE3 |

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AT&T

Provision of four (4) Special Data Arrangements and facilities between 11026 Fingerboard Road, Monrovia, Maryland and the Citicorp Building located at 1 Citicorp Drive, Hagerstown, Maryland.

| | | USOC |
|---|---|---|
| Nonrecurring Charge | $ | 6,890.00 |
| Monthly Rate | 1,830.96 | 1ZZLF |



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ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

State of Maryland (Cont'd)

American National Red Cross

Provision of a high speed fiber (4 Mbps and a 16 Mbps) Local Area Network connection between two customer premises in Rockville, MD. Case No. 5056-92.

| | | USOC |
|---|---|---|
| Nonrecurring Charge | $ 1,250.00 | |
| Monthly Rate* | 2,215.00 | 1ZZ5B |
| Termination Liability* | 36,355.00 | |
| Contract Term | 3 years | |

* Termination liability is to be reduced 1/36th for each month in service.



Vice President
2980 Fairview Park Drive, Falls Church, Virginia 22042

ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

State of Maryland (Cont'd)

Corestates Bank N.A.

Provision of analog voice grade multiplexer located at the Hagerstown, Maryland wire center for use in conjunction with this customer's automatic teller network. Case No. 5000-92.

| | | USOC |
|---|---|---|
| Nonrecurring Charge | $20,230.00 | |
| Monthly Rate* | 1,705.00 | 1ZZ4E |
| Contract Term | 5 years | |

* In addition, tariff rates apply for voice grade channels associated with this service, as specified in Section 7 of Verizon Tariff F.C.C. No. 1.

ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

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ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

State of Maryland (Cont'd)

Defense Commercial Communications Office

Provision of a digital encryption service for the customer's use with existing DS3 service at customer-designated locations. #3148-88M (Also see case nos. 3148-88N and 3148-88V.)

| | | USOC |
|---|---|---|
| Monthly Rate, per link | | |
| Base Year-1990 | $7,092.00 | 1ZZX3 |
| First Option Year | 7,432.50 | 1ZZX4 |
| Second Option Year | 7,763.50 | 1ZZX5 |
| Third Option Year | 8,188.50 | 1ZZX6 |
| Fourth Option Year | 8,552.50 | 1ZZX7 |

ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)

12.3 Rates and Charges (Cont'd)

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