

BELLSOUTH TELECOMMUNICATIONS, INC.
 BY: Operations Manager - Pricing
 29G57, 675 W. Peachtree St., N.E.
 Atlanta, Georgia 30375
 ISSUED: DECEMBER 6, 2004

TARIFF F.C.C. NO. 1
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The Title Page and Pages 1 to 29-6 inclusive of this tariff are effective as of the date shown.

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1	725th*	21.1	1st	54	8th
1.1	2nd	22	25th	55	8th
2	218th	22.1	6th	56	5th
2.1	77th	23	8th	57	6th
3	71th*	23.1	Original	58	4th
3.1	11th	24	8th	59	7th
4	164th	25	12th	60	9th
4.1	13th	26	1st	61	3rd
5	141st	27	5th	62	7th
5.1	92nd	27.0.1	4th	63	3rd
5.1.0.1	Original	27.1	5th	63.1	3rd
5.1.1	27th	27.2	8th	64	4th
6	96th	27.3	5th	65	7th
6.1	31st	27.4	5th	66	3rd
6.2	Original	27.5	1st	67	9th
7	131st	27.5.1	Original	67.1	2nd
7.1	Original	27.6	6th	68	5th
8	50th	27.6.1	Original	69	5th
8.1	56th	27.7	11th	69.1	Original
8.2	5th	27.7.1	4th	70	6th
9	46th*	27.8	2nd	70.1	1st
9.0.0.1	25th	27.9	3rd	71	8th
9.0.0.2	10th	28	6th	72	11th
9.0.1	17th	29	8th	72.1	5th
9.0.1.1	3rd	30	2nd	73	5th
9.0.2	9th	31	8th	74	7th
9.0.3	12th	31.1	7th	74.1	6th
9.0.3.1	1st	32	7th	75	10th
9.0.4	18th	33	6th	75.1	8th
9.0.4.1	7th	34	6th	75.2	15th
9.0.5	42nd	35	4th	75.2.0.1	Original
9.0.5.1	23rd	36	5th	75.2.1	1st
9.0.5.2	24th	37	5th	76	5th
9.1	Original	38	8th	77	3rd
10	2nd	39	5th	1-1	6th
11	11th	40	7th	2-1	2nd
12	13th	41	3rd	2-2	4th
12.1	6th	42	6th	2-3	Original
13	14th	43	10th	2-4	Original
14	7th	44	7th	2-5	4th
14.1	4th	45	7th	2-6	1st
15	9th	46	7th	2-7	1st
16	4th	47	2nd	2-8	2nd
17	15th	48	5th	2-8.1	Original
18	16th	49	7th	2-9	1st
18.1	5th	50	5th	2-9.1	Original
19	6th	51	8th	2-10	Original
20	14th	52	5th	2-11	1st

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6-6	7th	6-27.0.1	Original	6-66	3rd
6-7	14th	6-27.1	9th	6-67	3rd
6-7.1	Original	6-27.2	2nd	6-68	3rd
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6-11	9th	6-28.1	4th	6-72	3rd
6-11.1	6th	6-29	10th	6-73	4th
6-11.2	5th	6-30	4th	6-74	7th
6-11.3	2nd	6-31	4th	6-75	7th
6-11.4	4th	6-32	4th	6-75.1	10th
6-12	5th	6-33	5th	6-75.2	8th
6-12.1	6th	6-34	5th	6-75.3	3rd
6-13	7th	6-34.1	4th	6-75.4	4th
6-14	6th	6-35	4th	6-75.5	2nd
6-15	5th	6-36	6th	6-75.6	1st
6-16	5th	6-37	5th	6-75.7	1st
6-17	5th	6-38	5th	6-75.8	2nd
6-18	5th	6-39	5th	6-75.9	2nd
6-18.1	7th	6-40	4th	6-75.10	5th
6-19	6th	6-41	6th	6-75.10.1	Original
6-20	6th	6-42	5th	6-75.11	2nd
6-21	7th	6-43	5th	6-75.12	2nd
6-22	10th*	6-44	5th	6-75.13	4th
6-22.1	5th	6-45	7th	6-75.14	3rd
6-23	4th	6-46	10th	6-75.15	1st
6-23.1	3rd	6-47	8th	6-75.16	1st
6-24	7th	6-48	9th	6-75.17	Original
6-25	10th	6-49	11th	6-75.18	1st
6-25.1	7th	6-50	9th	6-75.19	Original
6-25.2	4th	6-51	8th	6-75.20	Original
6-25.3	10th	6-52	9th	6-75.21	Original
6-25.3.1	2nd	6-52.0.1	Original	6-75.22	1st
6-25.4	3rd	6-52.1	5th	6-75.22.1	Original
6-25.5	3rd	6-53	7th	6-75.23	2nd
6-25.6	4th	6-53.1	5th	6-75.24	Original
6-25.7	2nd	6-54	6th	6-76	6th
6-25.8	Original	6-55	9th	6-77	6th
6-25.9	1st	6-56	1st	6-77.1	5th
6-25.10	2nd	6-57	5th	6-78	6th
6-25.10.1	2nd	6-58	3rd	6-78.1	3rd
6-25.11	Original	6-58.1	1st	6-79	6th
6-25.12	Original	6-59	4th		

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19-5	8th	20-36.1	6th	21-17.1	2nd
19-6	7th	20-37	6th	21-18	1st
19-7	4th	20-37.1	6th	21-18.1	Original
19-8	16th	20-38	8th	21-18.1.1	1st*
20-1	11th	20-38.1	6th	21-18.1.2	1st*
20-1.1	4th	20-39	17th	21-18.2	1st
20-2	8th	20-39.1	5th	21-18.3	Original
20-2.1	5th	21-1	7th	21-19	1st
20-3	5th	21-1.0.1	2nd	21-19.1	Original
20-4	6th	21-1.0.2	Original	21-20	1st
20-4.1	3rd	21-1.0.3	Original	21-21	1st
20-5	6th	21-1.1	4th	21-22	1st
20-6	7th	21-1.1.1	Original	21-23	9th
20-7	5th	21-1.2	Original	21-23.1	1st
20-8	4th	21-2	3rd	21-23.2	Original
20-9	4th	21-2.1	Original	21-24	Original
20-10	4th	21-3	1st	21-25	Original
20-11	5th	21-4	13th	21-25.1	Original
20-12	7th	21-4.1	Original	21-26	4th
20-13	6th	21-5	6th	21-26.0.1	Original
20-14	4th	21-5.0.1	Original	21-26.0.2	Original
20-15	5th	21-5.1	1st	21-26.1	Original
20-16	4th	21-5.2	Original	21-27	3rd
20-17	5th	21-5.3	Original	21-27.1	1st
20-18	4th	21-5.4	Original	21-28	1st
20-19	4th	21-5.5	Original	21-29	4th
20-20	5th	21-6	1st	21-29.1	1st
20-21	4th	21-7	6th	21-29.2	Original
20-22	4th	21-7.0.1	Original	21-29.3	Original
20-23	6th	21-7.1	1st	21-30	1st
20-23.1	3rd	21-7.1.1	Original	21-30.1	Original
20-24	11th	21-7.2	Original	21-31	Original
20-25	7th	21-8	6th	21-32	4th
20-26	7th	21-8.1	1st	21-32.0.1	4th
20-27	6th	21-8.2	Original	21-32.1	1st
20-27.1	4th	21-8.3	Original	21-33	1st
20-28	6th	21-8.4	Original	21-34	2nd
20-28.1	5th	21-8.5	Original	21-34.1	1st
20-29	12th	21-9	2nd	21-35	1st
20-29.1	6th	21-10	2nd	21-35.1	Original
20-30	10th	21-11	2nd	21-35.2	Original
20-30.1	7th	21-11.1	Original	21-35.3	Original
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6 - BellSouth SWA Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) BellSouth SWA Transport (Cont'd)

(6) Interface Group Arrangements (Cont'd)

(h) AccuPulse Service Access Capability Transmission

AccuPulse service Access Capability transmission is provided only with BellSouth SWA FGD and BellSouth SWA TSBSA 3 using Interface Groups 6 and/or 9. Following is a matrix for Interface Groups 6 and 9 showing which premises interface codes are available as a function of the AccuPulse service level of digital transmission.

<u>Interface Groups</u>	<u>Level of Transmission</u>	<u>Premises Interface Code</u>
6	DS1	4DS9-15
9	DS3	4DS6-44

(i) CCS7 Signaling Connection Premises Interface Codes

The CCS7 optional feature is available with BellSouth SWA FGD or BellSouth SWA TSBSA 3. BellSouth SWA FGD or BellSouth SWA TSBSA 3 trunks are provided using Interface Groups 6 and/or 9. CCS7 Signaling Connections are provided using Interface Groups 6 and/or 9. Following is a matrix for Interface Groups 6 and 9 showing which premises interface codes are available for CCS7 Signaling Connections as a function of the CCSAC level of digital transmission.

<u>Interface Groups</u>	<u>Level of Transmission</u>	<u>Premises Interface Code</u>
6	DS1	04DS9-15
9	DS3	04DS6-44

ATM circuit emulation connecting to FGD trunks (N)

<u>Interface Groups</u>	<u>Level of Transmission</u>	<u>Premises Interface Code</u>	
6	DS1	04CX9.ICU	(N)
6	DS1	04CX9.ICS	(N)

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ACCESS SERVICE
21 - Fast Packet Access Services

21.3 BellSouth Exchange Access Asynchronous Transfer Mode Service (XAATMS)
(Cont'd)

21.3.1 General Description (Cont'd)

ATM Circuit Emulation Service (ATM CES) allows the interworking of ATM Service with time division multiplexing (TDM) services at a DS1 level. ATM Circuit Emulation allows the encapsulation of DS1 level TDM Service into ATM cells by using AAL1 adaptation. (Adaptation defines how higher layer information such as voice, data and video are placed in the payload of the 53-byte ATM cells.) ATM Circuit Emulation Service is provided to emulate a structured or unstructured DS1 service; when provided to emulate a structured DS1, service may be requested with or without Channel Associated Signaling (CAS).

ATM CES provides for the emulation of a TDM DS1 circuit through the ATM network so that the customer may interwork TDM with their ATM Service. The customer is responsible for the appropriate charges for such TDM services from other tariffs in addition to the charges specified herein for Exchange Access ATM Service. (T)

When specifically interworking BellSouth SWA service with an ATM CES interface, the customer is responsible for the appropriate charges from Sections 6.7 and 6.8 for the associated DS1 BellSouth SWA dedicated transport in addition to the charges specified herein for Exchange Access ATM Service. (N)
(N)
(N)
(N)

With ATM CES, a permanent virtual circuit (PVC) is only available with Constant Bit Rate (CBR). (T)

An Unstructured versus Structured Circuit Emulation Network Interface is selected based upon the customer's specific DS1 needs to respectively interwork an unstructured versus structured DS1 TDM service with ATM Service, subject to availability. ATM Circuit Emulation Service is available at a transmission speed of 1.536 Mbps. (T)

An unstructured Circuit Emulation Network Interface is provided to accept the termination of a full DS1 TDM bit stream from the customer's premises through a DS1 circuit. One Unstructured Circuit Emulation Network Interface is required per such DS1 TDM service. One ATM CBR PVC Segment with 2 Mbps CBR PVC Segment Bandwidth shall apply in association with the service originating from the TDM premises to the ATM switch. Additionally, standard tariff charges apply for corresponding 2 Mbps ATM CBR PVC Segment to which this is mapped within the ATM switch; the associated XAATMS Network Interface must be a transmission speed or type which can accept the 2 Mbps CBR PVC. (M)

Certain material previously appearing on this page now appears on 1st Revised Page 21-18.1.2.

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ACCESS SERVICE
21 - Fast Packet Access Services

21.3 BellSouth Exchange Access Asynchronous Transfer Mode Service (XAATMS)
(Cont'd)

21.3.1 General Description (Cont'd)

A structured Circuit Emulation Network Interface accepts up to 24 DS0 terminations from a channelized DS1 bit stream(s) from the customer. The customer specifies the desired grouping of such DS0 terminations into ATM PVCs. An ATM CBR PVC Segment and Bandwidth Charges¹ apply for each PVC requested in association with the service originating from the TDM premises to the ATM switch. Additionally, the standard tariff changes apply for the corresponding ATM CBR PVC Segments to which these are mapped within the ATM switch. (M)
(M)
(M)
(M)
(M)
(M)
(M)

A Structured Circuit Emulation Network Interface is available with or without Channel Associated Signaling (CAS)² and is specified by the customer when service is ordered. CAS is necessary to support channelized DS1 TDM applications requiring Robbed Bit Signaling support. (T)

Note 1: PVC Segment Bandwidth charges shall be based upon the equivalent bandwidth required for each PVC requested. The transport of TDM service is ATM CES requires additional overhead, sometimes referred to as "cell tax". Consequently, the bandwidth required for a given PVC will be greater than the sum of the DS0 TDM bandwidth. For example, the PVC resulting from a single DS0 TDM bit stream of 64 Kbps will be greater than 64 Kbps as a result of equivalent bandwidth required for overhead and will require two increments of 64 Kbps bandwidth per CBR PVC Segment. (M)
(M)
(M)
(M)
(M)
(M)
(M)(T)
(M)
(M)(T)

Note 2: However, CAS may not be available at all ATM switch locations. (T)

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