

ACCESS SERVICE

CHECK SHEET

Pages of this tariff, as indicated below, are effective as of the date shown at the bottom of the respective pages. Original and revised pages, as named below, comprise all changes from the original tariff and are currently in effect as of the date on the bottom of this page.

<u>Page</u>	<u>Revision</u>		<u>Page</u>	<u>Revision</u>		<u>Page</u>	<u>Revision</u>
Title	2 nd Revised		31	Original		61	Original
1	7 th Revised	*	32	Original		62	Original
2	2 nd Revised	*	33	Original		63	Original
3	1 st Revised	*	34	Original		64	Original
4	4 th Revised	*	35	Original		65	Original
5	2 nd Revised		36	Original		66	Original
6	Original		37	1 st Revised	*	67	Original
7	Original		38	1 st Revised		68	Original
8	1 st Revised		39	Original		69	Original
9	Original		40	Original		70	Original
10	Original		41	Original		71	Original
11	1 st Revised	*	42	Original		72	Original
12	1 st Revised		43	Original		73	Original
13	Original		44	Original		74	Original
14	Original		45	Original		75	Original
15	Original		46	Original		76	Original
16	Original		47	Original		77	Original
17	Original		48	Original		78	Original
18	Original		49	Original		79	Original
19	Original		50	Original		80	Original
20	Original		51	Original		81	Original
21	Original		52	Original		82	Original
22	Original		53	Original		83	Original
23	Original		54	Original		84	Original
24	Original		55	Original		85	Original
25	Original		56	Original		86	Original
26	Original		57	Original		87	Original
27	Original		58	Original		88	Original
28	Original		59	Original		89	Original
29	Original		60	Original		90	Original
30	Original						

* - Indicates pages included with this filing.

ACCESS SERVICE

CHECK SHEET, (CONT'D.)

Page	Revision	Page	Revision	Page	Revision	
91	Original	126	Original	161	Original	
92	Original	127	Original	162	Original	
93	Original	128	Original	163	Original	
94	Original	129	Original	164	Original	
95	Original	130	Original	165	Original	
96	Original	131	Original	166	Original	
97	Original	132	Original	167	Original	
98	Original	133	Original	168	Original	
99	Original	134	Original	169	Original	
100	Original	135	Original	170	Original	
101	Original	136	Original	171	Original	
102	Original	137	Original	172	Original	
103	Original	138	Original	173	Original	
104	Original	139	Original	174	Original	
105	Original	140	Original	175	Original	
106	Original	141	Original	176	Original	
107	Original	142	1 st Revised	*	177	Original
108	Original	143	Original	178	Original	
109	Original	144	Original	179	Original	
110	Original	145	Original	180	Original	
111	Original	146	Original	181	Original	
112	1 st Revised	147	Original	182	Original	
113	Original	148	Original	183	Original	
114	Original	149	Original	184	Original	
115	Original	150	Original	185	Original	
116	Original	151	Original	186	Original	
117	Original	152	Original	187	Original	
118	Original	153	Original	188	Original	
119	Original	154	1 st Revised	*	189	Original
120	Original	155	Original	190	Original	
121	Original	156	Original	191	Original	
122	Original	157	Original	192	Original	
123	Original	158	Original	193	Original	
124	Original	159	Original	194	Original	
125	Original	160	Original	195	Original	

* - Indicates pages included with this filing.

ACCESS SERVICE

CHECK SHEET, (CONT'D.)

Page	Revision		Page	Revision	Page	Revision	
196	Original		234	Original	271	Original	
197	Original		235	Original	272	Original	
198	Original		236	Original	273	Original	
199	Original		237	Original	274	Original	
200	Original		238	Original	275	Original	
201	Original		239	Original	276	Original	
202	Original		240	Original	277	Original	
203	Original		241	Original	278	Original	
204	Original		242	Original	279	Original	
205	Original		243	Original	280	Original	
206	Original		244	Original	281	Original	
207	Original		245	Original	282	Original	
208	1 st Revised	*	246	Original	283	Original	
209	1 st Revised	*	247	Original	284	Original	
210	Original		248	Original	285	Original	
211	Original		249	Original	286	Original	
212	Original		250	Original	287	1 st Revised	*
213	Original		251	Original	288	Original	
214	Original		252	Original	289	Original	
215	Original		253	Original	290	Original	
216	Original		254	Original	291	1 st Revised	*
217	Original		255	Original	292	1 st Revised	*
218	Original		256	Original	293	1 st Revised	*
219	Original		257	Original	294	1 st Revised	*
220	Original		258	Original	295	1 st Revised	*
221	Original		259	Original	296	1 st Revised	*
222	Original		260	Original	297	1 st Revised	*
223	Original		261	Original	298	1 st Revised	*
224	Original		262	Original	299	Original	
225	Original		263	Original	300	Original	
226	Original		264	Original	301	Original	
227	Original		265	Original	302	Original	
228	Original		266	Original	303	1 st Revised	*
229	Original		267	Original	304	Original	
230	Original		268	Original	305	Original	
231	Original		269	Original			
232	Original		270	Original			
233	Original						

* - Indicates pages included with this filing.

ACCESS SERVICE

CHECK SHEET, (CONT'D.)

Page	Revision		Page	Revision	Page	Revision
306	Original		344	Original	382	Original
307	Original		345	Original	383	Original
308	Original		346	Original	384	Original
309	Original		347	Original	385	Original
310	Original		348	Original	386	Original
311	Original		349	Original	387	Original
312	Original		350	Original	388	Original
313	Original		351	Original	389	Original
314	Original		352	Original	390	Original
315	Original		353	Original	391	Original
316	Original		354	Original	392	Original
317	Original		355	Original	393	Original
318	Original		356	Original	394	Original
319	Original		357	Original	395	Original
320	1 st Revised	*	358	Original	396	1 st Revised
321	Original		359	Original	397	1 st Revised
322	Original		360	Original	398	1 st Revised
323	Original		361	Original	399	1 st Revised
324	Original		362	Original	400	1 st Revised
325	Original		363	Original	401	1 st Revised
326	Original		364	Original	402	1 st Revised
327	Original		365	Original	403	1 st Revised
328	Original		366	Original	404	Original
329	Original		367	Original	405	Original
330	Original		368	Original	406	1 st Revised
331	Original		369	Original	407	3 rd Revised
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333	Original		371	Original	409	3 rd Revised
334	Original		372	Original	409.1	1 st Revised
335	Original		373	Original	410	Original
336	Original		374	Original	411	Original
337	Original		375	Original	412	Original
338	Original		376	Original	413	Original
339	Original		377	Original	414	Original
340	Original		378	Original	415	Original
341	Original		379	Original		
342	Original		380	Original		
343	Original		381	Original		

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ACCESS SERVICE

TABLE OF CONTENTS (CONT'D.)

SECTION 7 - Special Access	287
7.1 General.....	287
7.2 Service Descriptions	291
7.3 [RESERVED]	320
7.4 Rate Regulations	321
7.5 Rates and Charges.....	379
SECTION 8 - Advance Services.....	380
8.1 Frame Relay Service	380
8.2 Rates and Charges.....	384
SECTION 9 - Carrier Selection	385
9.1 General.....	385
9.2 Rates and Charges.....	386
SECTION 10 - Miscellaneous Services.....	387
10.1 Directory Assistance	387
10.2 Account Codes	388
10.3 Travel Card Service	389
10.4 Billing Name and Address (BNA) Service	392
SECTION 11 - Service Promotions	393
SECTION 12 - Contract Services	394

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ACCESS SERVICE

SECTION 1 - TARIFF INFORMATION (CONT'D.)

1.3 Definitions (Cont'd.)

Throughput - The amount of information that can be moved through a port connection to and from a customer's computer or terminal during a specified time interval. High throughput occurs at transmission rates of 9.5 Kbps or 56 Kbps. Low to medium throughput occurs at transmission speeds up to 9.6 Kbps.

Transmission Measuring (105Type) Test Line / Responder - 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.

Trunk - A transmission path connecting two switching systems in a network, used in the establishment of an end to end connection.

Trunk Circuit Identification Code - The number assigned to each switch trunk to identify it to the SS7 Signaling System.

Trunk Group - A set of trunks which are traffic engineered as a unit for the establishment of connection between switching systems in which all of the communications paths are interchangeable.

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

Two-Wire to Four-Wire Conversion - 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 facility.

United States - The forty eight contiguous states, Alaska, Hawaii, Puerto Rico and the U.S. Virgin Islands.

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ACCESS SERVICE

**SECTION 5 - ORDERING OPTIONS FOR SWITCHED AND
SPECIAL ACCESS SERVICE (CONT'D.)**

5.2 Access Order (Cont'd.)

For all Special Access Service and Vertical Services (i.e., Frame Relay Service), the customer must specify the customer designated premises and/or Hubs involved; the customer designated premises, multiplexing node or virtual collocation or Frame Relay Service Hub and Expanded Interconnection multiplexing node(s) or virtual collocation arrangement(s) involved; the channel type (e.g., Metallic, Voice Grade, High Capacity, etc.), the interface; technical specification package if applicable and options desired. (T)

Either a Host Customer or a Service User may place an order to establish, change, disconnect or move multiplexed Switched Access DS1 or DS3 services, multiplexed High Capacity Special Access provided with Shared Billing Arrangement. Prior to placing an order, the ordering customer must obtain a signed letter of authorization from the other customer participating in the Shared Billing Arrangement. The Letter of Authorization must be signed by both the Host Customer and the Service User and include the Connecting Facility Assignment (CFA) and Billing Account Number (BAN) of the Host customer's multiplexed service. In the event that a service user requests the connection of a service to a Host Customer's multiplexer which is in turn part of a separate Shared Billing Arrangement, the ordering customer must also obtain and provide to the Company the appropriate BAN and CFA of the third party's service, in order to identify the complete circuit for purposes of maintenance and testing continuity. The ordering customer must provide a copy of the letter of authorization to the Company at the time the order is placed.

When a Shared Billing Arrangement is requested for a ThruPath Connection between two multiplexed services, either customer may place the order for the service. The ordering customer shall become the Service User for such arrangement. The Service User must obtain and provide to the Company the appropriate BAN and CFA of its own multiplexed service.

In addition, when establishing a multiplexed Switched Access DS1 or DS3 Service, a multiplexed High Capacity Special Access with the Shared Billing Arrangement option, the Host Customer and the Service User must coordinate with each other for the design, testing and maintenance of the service(s).

ACCESS SERVICE

**SECTION 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 Charge

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 Company personnel, of the service ordered and the requested changes determine what changes in the design, if any, are necessary to meet the changes requested by the customer. Design Change Charges include such things as the addition or deletion of Basic Service Elements, optional features or functions or a change in type of transport termination (switched access only), type of interface, type of Interface Group or technical specification package, or change of Feature Group to Feature Group D, or change in type of Port or Access Connection for Packet Switching Access Services. Design Changes do not include a change of customer premises, multiplexing node or virtual collocation arrangement location, end user premises end office switch, Switched Access entrance facility type feature group, except for changes to Feature Group D or Special Access channel type. Changes of this nature will require the issuance of a new order with appropriate cancellation charges applied.

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The Company will review the requested change, notify the customer whether the change is a design change, if it can be accommodated and if a new service is date is required. If the customer authorizes the Company to proceed with the Design Change, a Design Change Charge will apply. The Design Change Charge will apply on a per order occurrence basis, for each ordering requiring a design change. The Design Change Charge is set forth in Section 13.5, following.

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ACCESS SERVICE

SECTION 6 - SWITCHED ACCESS SERVICE (CONT'D.)

6.1 General (Cont'd.)

6.1.3 Rate Categories, (Cont'd.)

A. Local Transport (Cont'd.)

1 Interface Groups (Cont'd.)

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ACCESS SERVICE

SECTION 7 – SPECIAL ACCESS SERVICE

7.1 General

Special Access Service provides a transmission path to connect customers designated premises, a customer designated premises and a WATS Serving office (WSO), a customer designated premises and Network Controller location.

The connections provided by Special Access Service can be either analog or digital. Analog connections differentiated by spectrum and bandwidth. Digital Connections are differentiated by bit rate.

7.1.1 Channel Types

The are four types of channels used to provide Special Access Service. All channel types are sub-divided 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 interfaces, those that they desire to meet specific communications requirements.

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ACCESS SERVICE

SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)

7.2 Service Descriptions

7.2.1 [RESERVED]

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FCC Tariff No. 4
1st Revised Page 292
Cancels Original Page 292

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ACCESS SERVICE

SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)

7.2 Service Descriptions (Cont'd.)

7.2.1 [RESERVED]

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Issued: May 19, 2016

FCC Tariff No. 4
1st Revised Page 293
Cancels Original Page 293

Transmittal No. 113

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ACCESS SERVICE

SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)

7.2 Service Descriptions (Cont'd.)

7.2.1 [RESERVED]

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1st Revised Page 294
Cancels Original Page 294

Transmittal No. 113

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ACCESS SERVICE

SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)

7.2 Service Descriptions (Cont'd.)

7.2.1 [RESERVED]

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1st Revised Page 295
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ACCESS SERVICE

SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)

7.2 Service Descriptions (Cont'd.)

7.2.1 [RESERVED]

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1st Revised Page 296
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ACCESS SERVICE

SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)

7.2 Service Descriptions (Cont'd.)

7.2.1 [RESERVED]

(D)

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1st Revised Page 297
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ACCESS SERVICE

SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)

7.2 Service Descriptions (Cont'd.)

7.2.1 [RESERVED]

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ACCESS SERVICE

SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)

7.2 Service Descriptions (Cont'd.)

7.2.2 Digital Data Service II

A. General

Digital Data Service II (DDSII) is a digital private line service which provides for simultaneous transmission of digital signals at synchronous speeds of 2.4, 4.8, 9.6, 19.2 and 56 kbps. The actual bit rate is a function of the interface selected by the customer. DDSII operates in a full-duplex, synchronous transmission mode over either two-wire or four-wire facilities between customer designated premises or between a customer designated premises and a Company Hub. In New England DDSII may operate over two-wire facilities between customer designated premises and a Network Controller location. 56 Kbps transmission operates on four-wire facilities only. DDSII Service is provided where suitable facilities exist. (T)

At the option of the customer DDSII Service may be provided under a Variable Term Payment Plan as specified in Section 7.4.8, following, or when DDSII Service provides access to Frame Relay Service, DDSII Service may be provided under the Frame Relay Service Term Commitment Plan as specified in Section 7.4.8, following.

B. Service Options

1. Two Station Service

This offering may consist of two local distribution channels furnished in the same serving wire center or two local distribution channels furnished in different serving wire centers requiring an interoffice channel. Local distribution channels must be technically compatible and must have technically compatible Customer Provided Equipment (CPE) at both ends.

2. Multi-Station Service

This service consists of connections of three or more stations from designated serving wire centers and provides the capability to connect multiple stations. All stations must operate at the same transmission speed. Local distribution channels must be technically compatible and must have technically compatible CPE at all ends.

ACCESS SERVICE

SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)

7.2 Service Descriptions (Cont'd.)

7.2.3 High Capacity Service

A. Basic Channel Description

1. General

A High Capacity Channel is a digital channel for the transmission of nominal 64.0 Kbps*, 1.544 Mbps, 3.152 Mbps**, 44.736 Mbps isochronous serial data. The actual bit rate and framing formats are a function of the interface selected by the customer. High Capacity channels are provided between customer designated premises, between a customer designated premises and a Company Hub or between a customer designated premises and a Company Multiplexing Hub or Company Frame Relay Service Hub. (T)

The High Capacity 44.736 Mbps Service is provided on digital optical equipment and light-wave facilities selected by the Company, and it is provided only through a serving wire centers equipped to furnish such service. At the customer designated premises, an optical fiber interface and digital optical equipment convert the signal from optical to electrical. A 110 volt AC15 amperes, separately fused, non-switched controlled, single power outlet must be provided by the customer at the customer designated premises.

* Available as a channel of a 1.544 Mbps facility between two Telephone Company digital Hubs or as a cross connect of 2.4, 4.8, 9.6, 56.0 or 64.0 Kbps channels of two 1.544 Mbps facilities at a digital Hubs. The customer must provide system and channel assignment data. Digital Hubs include both Digital Data Hubs and High Capacity Multiplexing Hubs.

** available in New England Telephone only.

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SECTION 7 – SPECIAL ACCESS SERVICE (CONT'D)

7.3 [RESERVED]

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