

TARIFF DISTRIBUTION

FILE PACKAGE NO.: 0116

DATE: February 16, 2016

STATE: FCC

EFFECTIVE DATE: 02/16/2016

TYPE OF DISTRIBUTION: Approved

PURPOSE: Wire Center Trials Grandfathering

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Issuing Officer: Patrick Doherty, Director - Access Regulatory

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The Title Page and Pages 1 to 29-48 inclusive of this tariff are effective as of the date shown. Original and revised pages as named below and Supplement Nos. 1 and 2 contain all changes from the original tariff that are in effect on the date hereof.

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10	10th	54	1st	98	1st
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19	1st	63	1st	107	1st
20	Original	64	1st	108	1st
21	Original	65	1st	109	Original
22	8th	66	1st	110	1st
23	12th	67	1st	111	Original
23.1	2nd	68	1st	112	Original
24	1st	69	1st	113	Original
25	2nd	70	1st	114	Original
26	1st	71	1st	115	Original
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6-298	Original	6-347	1st	7-15	Original
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6-317	Original	6-366	3rd	7-34	1st*
6-318	Original	6-367	3rd	7-35	2nd*
6-319	Original	6-368	3rd	7-36	2nd*
6-320	Original	6-369	1st	7-37	1st*
6-321	Original	6-370	3rd	7-38	2nd*
6-322	Original	6-371	3rd	7-39	1st*
6-323	Original	6-372	1st	7-40	1st*
6-324	Original	6-373	Original	7-41	1st*
6-325	Original	6-374	Original	7-42	1st*
6-326	Original	6-375	1st	7-43	2nd
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6-328	Original	6-377	1st	7-45	Original
6-329	Original	6-378	1st	7-46	1st*
6-330	Original	6-379	Original	7-47	Original
6-331	Original	6-380	1st	7-48	Original
6-332	Original	6-381	Original	7-49	2nd
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7-59	1st	7-108	Original	7-157	Original
7-60	1st	7-109	4th	7-158	Original
7-61	1st	7-110	1st	7-159	Original
7-62	Original	7-111	Original	7-160	Original
7-63	Original	7-112	Original	7-161	Original
7-64	1st	7-113	5th	7-162	Original
7-65	2nd	7-114	2nd	7-163	Original
7-66	2nd	7-115	3rd	7-164	Original
7-67	Original	7-116	Original	7-165	Original
7-68	1st	7-117	2nd	7-166	Original
7-69	Original	7-118	Original	7-167	Original
7-70	Original	7-119	Original	7-168	Original
7-71	Original	7-120	Original	7-169	Original
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7-74	Original	7-123	Original	7-172	3rd
7-75	Original	7-124	Original	7-173	3rd
7-76	2nd	7-125	Original	7-174	Original
7-77	Original	7-126	Original	7-175	2nd
7-78	2nd	7-127	1st	7-176	Original
7-79	1st	7-128	2nd	7-177	2nd
7-80	Original	7-129	Original	7-178	1st
7-81	1st	7-130	Original	7-179	1st
7-82	Original	7-131	Original	7-180	2nd*
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7-88	2nd	7-137	3rd	7-186	2nd
7-89	2nd	7-138	Original	7-187	Original
7-90	2nd	7-139	1st	7-188	Original
7-91	2nd	7-140	Original	7-189	Original
7-92	2nd	7-141	Original	7-190	3rd
7-93	2nd	7-142	Original	7-191	3rd
7-94	2nd	7-143	Original	7-192	Original
7-95	2nd	7-144	Original	7-193	2nd
7-96	2nd	7-145	Original	7-194	1st
7-97	2nd	7-146	Original	7-195	1st
7-98	1st	7-147	1st	7-196	1st
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7-100	1st	7-149	Original	7-198	1st
7-101	1st	7-150	Original	7-199	1st
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7-206	Original	7-253	Original	7-300	2nd
7-207	7th*	7-254	Original	7-301	2nd
7-208	1st*	7-255	Original	7-302	2nd
7-209	1st*	7-256	Original	7-303	2nd
7-210	2nd*	7-257	Original	7-304	2nd
7-211	2nd*	7-258	Original	7-305	2nd
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7-213	1st*	7-260	Original	7-307	2nd
7-214	1st*	7-261	Original	7-308	2nd
7-215	1st*	7-262	Original	7-309	Original
7-216	1st*	7-263	2nd	7-310	2nd
7-217	1st*	7-264	2nd	7-311	2nd
7-218	2nd*	7-265	2nd	7-312	Original
7-219	1st*	7-266	2nd	7-313	2nd
7-220	1st*	7-267	2nd	7-314	2nd
7-221	1st*	7-268	2nd	7-315	3rd
7-222	1st*	7-269	2nd	7-316	Original
7-223	2nd	7-270	2nd	7-317	Original
7-224	2nd	7-271	2nd	7-318	1st
7-225	Original	7-272	2nd	7-319	6th
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7-227	Original	7-274	2nd	7-321	2nd
7-228	Original	7-275	Original	7-322	2nd
7-229	2nd	7-276	Original	7-323	Original
7-230	1st	7-277	Original	7-324	Original
7-231	1st	7-278	Original	7-325	Original
7-232	1st	7-279	Original	7-326	2nd
7-233	1st	7-280	Original	7-327	2nd
7-234	1st	7-281	2nd	7-328	2nd
7-235	1st	7-282	2nd	7-329	2nd
7-236	1st	7-283	2nd	7-330	2nd
7-237	6th	7-284	2nd	7-331	2nd
7-238	6th	7-285	2nd	7-332	Original
7-239	6th	7-286	2nd	7-333	2nd
7-240	6th	7-287	2nd	7-334	2nd
7-241	1st	7-288	Original	7-335	1st
7-242	1st	7-289	Original	7-336	1st
7-243	2nd	7-290	Original	7-337	1st
7-244	1st	7-291	Original	7-338	1st
7-245	2nd	7-292	Original	7-339	1st
7-246	2nd	7-293	Original	7-340	1st
7-247	2nd	7-294	Original	7-341	1st
7-248	Original	7-295	Original	7-342	1st
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20-12	1st	21-40	Original	21-86	Original
20-13	1st	21-41	Original	21-87	Original
20-14	1st	21-42	Original	21-88	Original
20-15	1st	21-43	Original	21-89	Original
20-16	1st	21-44	Original	21-90	Original
20-17	1st	21-45	Original	21-91	Original
20-18	1st	21-46	Original	21-92	Original
21-1	1st	21-47	Original	21-93	Original
21-2	Original	21-48	Original	21-94	Original
21-3	Original	21-49	Original	21-95	Original
21-4	Original	21-50	Original	21-96	Original
21-5	Original	21-51	Original	21-97	Original
21-6	Original	21-52	Original	21-98	Original
21-7	Original	21-53	Original	21-99	Original
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21-9	Original	21-55	Original	21-101	Original
21-10	Original	21-56	Original	21-102	Original
21-11	Original	21-57	Original	21-103	Original
21-12	Original	21-58	Original	21-104	Original
21-13	Original	21-59	Original	21-105	Original
21-14	Original	21-60	Original	21-106	Original
21-15	Original	21-61	Original	21-107	Original
21-16	Original	21-62	Original	21-108	Original
21-17	Original	21-63	Original	21-109	Original
21-18	Original	21-64	Original	21-110	Original
21-19	Original	21-65	Original	21-111	Original
21-20	Original	21-66	Original	22-1	2nd
21-21	Original	21-67	Original	22-2	2nd
21-22	Original	21-68	Original	22-3	2nd
21-23	Original	21-69	Original	23-1	Original
21-24	Original	21-70	Original	23-2	1st
21-25	Original	21-71	Original	23-3	Original
21-26	Original	21-72	Original	23-4	11th*
21-27	Original	21-73	Original	23-5	1st
21-28	Original	21-74	Original	23-6	Original
21-29	Original	21-75	Original	23-7	1st
21-30	Original	21-76	Original	23-8	Original
21-31	Original	21-77	Original	23-9	Original
21-32	Original	21-78	Original	23-10	Original
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23-152	1st*	23-197	Original	23-242	Original
23-153	1st*	23-198	Original	23-243	1st
23-154	2nd*	23-199	Original	23-244	1st
23-155	2nd*	23-200	Original	23-245	1st
23-156	2nd*	23-201	Original	23-246	1st
23-157	1st*	23-202	1st	23-247	1st
23-158	1st*	23-203	1st	23-248	1st
23-159	2nd*	23-204	Original	23-249	1st
23-160	2nd*	23-205	1st	23-250	1st
23-161	1st*	23-206	1st	23-251	1st
23-162	1st*	23-207	1st	23-252	2nd
23-163	1st*	23-208	1st	23-253	1st
23-164	1st*	23-209	1st	23-254	2nd
23-165	1st*	23-210	1st	23-255	2nd
23-166	2nd	23-211	1st	23-256	Original
23-167	2nd	23-212	1st	23-257	2nd
23-168	Original	23-213	1st	23-258	2nd
23-169	Original	23-214	2nd	23-259	2nd
23-170	Original	23-215	1st	23-260	Original
23-171	Original	23-216	1st	23-261	Original
23-172	2nd	23-217	1st	23-262	3rd
23-173	1st	23-218	2nd	23-263	1st
23-174	Original	23-219	1st	23-264	1st
23-175	1st	23-220	1st	23-265	1st
23-176	1st	23-221	1st	23-266	1st
23-177	1st	23-222	1st	23-267	3rd
23-178	1st	23-223	1st	23-268	3rd
23-179	1st	23-224	2nd	23-269	3rd
23-180	4th	23-225	Original	23-270	3rd
23-181	4th	23-226	2nd	23-271	3rd
23-182	4th	23-227	2nd	23-272	3rd
23-183	4th	23-228	2nd	23-273	3rd
23-184	1st	23-229	1st	23-274	3rd
23-185	1st	23-230	1st	23-275	3rd
23-186	1st	23-231	1st	23-276	3rd
23-187	3rd	23-232	1st	23-277	3rd
23-188	1st	23-233	1st	23-278	3rd
23-189	2nd	23-234	1st	23-279	3rd
23-190	Original	23-235	1st	23-280	3rd
23-191	1st	23-236	1st	23-281	3rd
23-192	1st	23-237	1st	23-282	3rd
23-193	Original	23-238	1st	23-283	3rd
23-194	Original	23-239	1st	23-284	3rd

BELLSOUTH TELECOMMUNICATIONS
Four AT&T Plaza, Dallas, Texas 75202

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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.2 Telegraph (a.k.a. BellSouth SPA Telegraph) Grade Service (Cont'd)

(C) Channel Interfaces

Compatible channel interfaces are set forth in Technical Reference TR-NPL-000336.

(D) Optional Features and Functions

(1) Telegraph Bridging (two-wire and four-wire)

The following table shows the technical specifications packages with which the optional features and functions are available.

	<u>Available with Technical Specifications Package TG-</u>	
	<u>1</u>	<u>2</u>
Telegraph Bridging	X	X

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾

(N)

(A) Basic Channel Description

A Voice Grade (a.k.a. BellSouth SPA DSO VG) channel is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated two-wire or four-wire. Voice Grade (a.k.a. BellSouth SPA DSO VG) channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

(N)
(N)

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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd)

(N)

(B) Technical Specifications Packages

Parameter	Package VG-											
	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
C-Message Noise	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
Frequency Shift							X	X	X	X	X	X
Impulse Noise							X	X	X	X	X	X
Intermodulation												
Distortion							X	X	X	X	X	X
Loss Deviation	X	X	X	X	X	X	X	X	X	X	X	X
Phase Jitter							X	X	X	X	X	X
Signal-to-C												
Message Noise							X					
Signal-to-C												
Notch Noise							X	X	X	X	X	X

The technical specifications for these parameters (except for dropouts, gain hits, and phase hits) are delineated in Technical Reference TR-NWT-000335. The technical specifications for dropouts, phase hits, and gain hits are delineated in Technical Reference MDP 326-584.

(C) Channel Interfaces

The following channel interfaces for Voice Grade (a.k.a. BellSouth SPA DSO VG) service do not require signaling capability: AH, DA, DB, DS, NO, PR and TF.

The following channel interfaces for Voice Grade (a.k.a. BellSouth SPA DSO VG) service require signaling capability: AB, AC, CT, DX, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF.

Compatible channel interfaces are set forth in Technical Reference TR-NWT-000335 and MDP 326-584.

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd)

(N)

(D) Optional Features and Functions

(1) Central Office Bridging Capability

(a) Voice Bridging* (two-wire and four-wire)

(b) Data Bridging** (two-wire and four-wire)

(c) Telephoto Bridging*** (two-wire and four-wire)

(2) Conditioning

Conditioning provides more specific transmission characteristics for Voice Grade (a.k.a. BellSouth SPA DSO VG) 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 desire 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 such cases the customer has the option of ordering either Improved Attenuation Distortion or Improved Envelope Delay Distortion with Improved Attenuation Distortion, as desired.

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 D-Conditioning may be combined on the same service.

* - Voice Bridging is intended for use with VG-2, -5 and -12, however, it may be used on VG-6 and VG-10 at a customer's request.

** - Data Bridging is intended for use with VG-6 and VG-10, however, it may be used on VG-2, -5 and -12 at a customer's request.

*** - Telephoto Bridging is intended for use on VG-11.

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd)

(N)

(D) Optional Features and Functions (Cont'd)

(2) 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 Variation
Range (Hz) (micro-seconds)

1004-2604	<500
604-2604	<1500
504-2804	<3000

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd)

(N)

(D) Optional Features and Functions (Cont'd)

(2) 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
Variation
Frequency (micro-
Range (Hz) seconds)

1004-2604	<u>≤100</u>
804-2604	<u>≤200</u>
604-2604	<u>≤300</u>
504-2804	<u>≤600</u>
504-3004	<u>≤3000</u>

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd)

(N)

(D) Optional Features and Functions (Cont'd)

(2) 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.

(3) Customer Specified Premises Receive Level

This option allows the customer to specify the receive level at the Point of Termination for a two or four wire interface at the customer's premises. For a two-wire interface, the customer must order an effective four-wire channel and must specify a receive level within the range allowable for effective four-wire transmission. For a four-wire interface the receive level specified must be within the range allowable for four-wire transmission. The customer can order improved termination for a wider range of receive levels. The ranges are delineated in Technical Reference TR-NWT-000335.

(4) ECHO CONTROL

(a) Improved Return Loss

On Effective Two-Wire Transmission at Two-Wire Point of Termination (POT): 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.

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd)

(N)

(D) Optional Features and Functions (Cont'd)

(4) ECHO CONTROL (Cont'd)

(b) ELEPL 2 (Equal Level Echo Path Loss)

On Effective Two-Wire Transmission at Four-Wire Point of Termination (POT): provides for more stringent Echo Control specifications. In order for this option to be applicable, the transmission path must be two-wire at one POT and four-wire at the other POT. Telephone Company equipment may be required at the customer's premises where this option is ordered. The ELEPL2 parameters are delineated in Technical Reference TR-NWT-000335.

(5) D-Conditioning

D-Conditioning provides improved transmission characteristics for data communications. Specifically, D-Conditioning upgrades the signal-to-C notched noise ration and intermodulation distortion limits. This option is available for use with Technical Specification Packages VG6, VG7 and VG10 on two-point and multipoint services. (However, it is not recommended for use with multipoint.) When a service equipped with D-Conditioning is used for voice communications, the quality of voice transmission may not be satisfactory.

The Signal to C-Notched Noise Ratio and Intermodulation Distortion parameters for D - Conditioning are:

- Signal to C-Notched Noise Ratio is equal to or greater than 32dB
- 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

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd)

(N)

(D) Optional Features and Functions (Cont'd)

(6) Telephoto Conditioning

T-Conditioning provides transmission characteristics suitable for telephotographic communications. Specifically, T-Conditioning is provided for the control of attenuation distortion and envelope delay distortion on telephotographic services. The attenuation distortion and envelope delay distortion parameters for T-Conditioning are:

<u>Attenuation Distortion</u> (2204 Hz Reference)	<u>Envelope Delay Distortion</u>		
Frequency Range (Hz)	Variation (dB)	Frequency Range (Hz)	Variation mcs
500-3000	-0.5 to +1.5	1000-2600	\leq 110
300-3200	-1.0 to +2.5	800-2800	\leq 180

(7) 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.

(8) Reserved for Future Use

(T)

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA) Service⁽¹⁾ (Cont'd)

(N)

(D) Optional Features and Functions (Cont'd)

(9) Improved Termination

The Improved Termination option provides a fixed 600 ohm impedance, a variable level range and simplex reversal, when applicable, at the point of termination. Telephone Company equipment is required at the customers premises when this option is ordered. The Improved Termination parameters are delineated in Technical Reference TR-NWT-000335.

(10) Simplex Reversal

The Simplex Reversal option physically turns over the simplex DC path presented at the four-wire point of termination when L0, LS, GO, GS, & DX signaling is provided at the point of termination.

(11) Effective Four-Wire

An arrangement which permits the simultaneous independent transmission of information in both directions over a single channel. Effective four-wire channels must be terminated with a four-wire local channel as specified in 7.5.3 following.

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd)

(N)

(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 VG-											
	1	2	3	4	5	6	7	8	9	10	11	12
C-Type Conditioning					X	X	X	X	X	X		
Improved Attenuation							X	X	X	X	X	
Distortion								X	X	X	X	
Improved Envelope								X	X	X	X	
Delay Distortion								X	X	X	X	
Sealing Current								X	X			X
Conditioning								X	X			
Data Capability								X	X			X
Central Office												
Bridging					X		X	X			X	X
Channelization							X					
Customer Specified												
Premises Receive												
Level					X	X			X	X	X	
Echo Control												
Improved Return												
Loss					X	X	X			X		
ELEPL2					X	X	X	X		X		
BellSouth Customer												
Network Management												
Service												
Improved Termination	X	X	X	X	X	X	X	X	X	X	X	X
Simplex Reversal	X	X	X					X	X	X		
Signaling Capability	X	X	X					X	X	X		
Telephoto												
Conditioning											X	

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd)

(N)

(E) Four-Wire/Two-Wire Conversions

When a customer requests that an effective four-wire channel be terminated with a two-wire channel interface at the customer designated premises, a four-wire to two-wire conversion of the Four-Wire Local Channel is required. The rate for the conversion is included as part of the basic Local Channel rate.

7.2.3.1 WATS Access Line (WAL) (a.k.a. BellSouth SPA WATS Line) Service

(A) Basic Channel Description

A WATS Access Line (a.k.a. BellSouth SPA WATS Line) service (WAL) provides a channel for voice frequency transmission capability. The service provides a connection between a customer designated premises and a WATS serving office associated with the closed end of BellSouth SWA 8xx Toll Free Dialing Ten Digit Screening Service, WATS (a.k.a. BellSouth SPA WATS Line) or similar services. It is provided for use with BellSouth SWA FGA, BellSouth SWA FGB, or BellSouth SWA FGD in the originating and terminating direction and BellSouth SWA service arrangement features as set forth in Section 6, preceding.

The following shall apply to the Telephone Company's provision of WATS access line (a.k.a. BellSouth SPA WATS Line) service:

- (1) When the end user's serving wire center is not a WATS serving office, Interoffice Channel charges will apply for a WATS Access Line (a.k.a. BellSouth SPA WATS Line) Extension (WALE) between the end user's serving wire center and the nearest WATS serving office.

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd)

(N)

7.2.3.1 WATS Access Line (a.k.a. BellSouth SPA WATS Line) (WAL) Service
(Cont'd)

(A) Basic Channel Description (Cont'd)

WAL (a.k.a. BellSouth SPA WATS Line) service is arranged for either originating calling, terminating calling, or two-way calling. It is provided with either rotary dial or dual tone multifrequency address signaling and either loop start, ground start, E&M or reverse battery supervisory signaling. The choice of the type of signaling is at the option of the customer and subject to the technical limitations identified in the Technical Reference TR-NWT-000334. WATS Access Line (a.k.a. BellSouth SPA WATS Line) service is provided as an effective two-wire, an effective four-wire or a DS1 (i.e., 1.544 Mbps) transmission path. The DS1 WAL is only available as a trunk side termination on suitably equipped electronic switch, e.g., 1/1A ESS with Digital Carrier Termination (DCT) or DMS-100 with a Line Trunk Unit (LTU).

(B) Technical Specification Packages

Parameters	Packages WAL -		
	1	2	3
Attenuation Distortion	X	X	
Bit error rate			X
C-Message Noise	X	X	
Echo Control	X	X	
Envelope 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	

The technical specifications are delineated in Technical Reference TR-NWT-000334.

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd) (N)

7.2.3.1 WATS Access Line (a.k.a. BellSouth SPA WATS Line) (WAL) Service
(Cont'd)

(C) The following interfaces are available with WAL (a.k.a. BellSouth SPA WATS Line) Service:

LO, LS, DS, GO, GS, RV, EA, EB

Compatible channel interfaces are set forth in Technical Reference TR-NWT-000334.

(D) Optional Features and Functions

- (1) Two-wire and four-wire Central Office bridging capability.
- (2) Improved two-wire voice transmission specifications.
- (3) Certain other arrangements associated with WAL (a.k.a. BellSouth SPA WATS Line) services such as WATS Access Line (a.k.a. BellSouth SPA WATS Line) Nonchargeable Termination Options and Common Switching Optional Features are available as defined in Section 6 preceding.
- (4) One-way or Two-way Capability

7.2.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service⁽¹⁾ (N)

(A) Basic Channel Description

A Program Audio channel is a channel measured in Hz for the transmission of a complex signal voltage. The actual bandwidth is a function of the channel interface selected by the customer. Only one-way transmission is provided. Program Audio channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service and Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers are no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) or Program Audio (a.k.a. BellSouth SPA Program Audio) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted. (N)

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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service⁽¹⁾ (Cont'd) (N)

(B) Technical Specifications Packages

Parameter*	Package AP-			
	1	2	3	4
Actual Measured Loss	X	X	X	X
Amplitude Tracking				
Crosstalk	X	X	X	X
Distortion Tracking				
Gain/Frequency				
Distortion	X	X	X	X
Group Delay				
Noise	X	X	X	X
Phase Tracking				
Short-Term Gain				
Stability				
Short-Term Loss				
Total Distortion	X	X	X	X

The technical specifications are delineated in Technical Reference TR-NPL-000337.

(C) Channel Interfaces

Compatible channel interfaces (CIs) are set forth in Technical Reference TR-NPL-000337.

CI	Bandwidth
PG-1	Nominal frequency from 50 to 15000 Hz
PG-3	Nominal frequency from 200 to 3500 Hz
PG-5	Nominal frequency from 100 to 5000 Hz
PG-8	Nominal frequency from 50 to 8000 Hz

Compatible channel interfaces are set forth in 7.3.5(D) following.

* The desired parameters are selected by the customer from the list of available parameters.

⁽¹⁾ Effective February 16, 2016, Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Program Audio (a.k.a. BellSouth SPA Program Audio) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted. (N) (N)

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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service⁽¹⁾ (Cont'd) (N)

(D) Optional Features and Functions

(1) Central Office Bridging Capability

Distribution Amplifier

(2) Gain Conditioning

Control of 1004 Hz AML at initiation of service to 0dB \pm 0.5 dB.

(3) Stereo

Provision of a pair of gain/phase equalized channels for stereo applications. (Additional AP channel must be ordered separately.)

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Package AP-			
	1	2	3	4
Central Office Bridging Capability	X	X	X	X
Gain Conditioning	X	X	X	X
Stereo				X

⁽¹⁾ Effective February 16, 2016, Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Program Audio (a.k.a. BellSouth SPA Program Audio) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.5 Video (a.k.a. BellSouth SPA Video) Services

The Telephone Company provides the following video services.

7.2.5.1 Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Service⁽¹⁾ (N)

(A) Basic Channel Description

Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) service provides one-way transmission of National Television Systems Committee (NTSC) video signals between customer designated premises or between a customer designated premises and a Telephone Company central office via fiber optic facilities. A NTSC video channel provides standard 525 line/60 field, System M video signal with four (4) associated 20 kHz audio signals. The bandwidth for NTSC channels is either 30 Hz to 4.5 MHz or 30 Hz to 6.6 MHz. The associated audio signals may be either diplexed or provided as separate channels. The provision and the bandwidth of the associated audio signals is a function of the channel interface selected by the customer.

Different rates and charges apply for the two types of video signals. NTSC channels are provided under a month to month rate option.

Broadcast Quality Video customers may upgrade to Broadcast Quality Video SDI or higher video services without incurring termination liability charges, subject to the following conditions:

- (1) The customer must issue a disconnect order for the existing Broadcast Quality Video Service and place a service order for the new higher speed video service at the same locations such that there is no more than 60 days overlap between the two services.
- (2) The same locations must be utilized for the new higher-speed video service.
- (3) The customer must subscribe to a new CSPP term that is greater than or equal to the remaining months in the existing term for the lower speed service.
- (4) The existing Broadcast Quality Video Service must have been in service for a minimum period of 15 months for a 3-year term, or 18 months for a 5-year term.
- (5) Nonrecurring charges will apply where applicable.

⁽¹⁾ Effective February 16, 2016, Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

(N)
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(N)

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ACCESS SERVICE

7 - Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.5 Video (a.k.a. BellSouth SPA Video) Services (Cont'd)

7.2.5.1 Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Service⁽¹⁾ (Cont'd)

(N)

(B) Technical Specifications

The compatibility requirements, technical specifications, and generic requirements for Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) terminated at the customer's designated locations are referenced in BellSouth Technical Reference 73608 for NTSC video channels.

(C) Channel Interfaces

Compatible channel interfaces are set forth in BellSouth Technical Reference 73608 for NTSC video channels.

⁽¹⁾ Effective February 16, 2016, Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.5 Video (a.k.a. BellSouth SPA Video) Services (Cont'd)

7.2.5.3 Uncompressed Switched Video (a.k.a. BellSouth SPA Uncompressed Switched Video) Service (Cont'd)

(A) Basic Description (Cont'd)

- (4) This service offering also provides the customer with the capability to reconfigure the ports on a central office video switch. A port is a physical interface on a central office video switch. Each port can be connected to one video channel and supports both the video and associated audio in the same connection. The customer must provide the appropriate CPE to access the video switch in addition to subscribing to a dial-up or a dedicated control circuit, which must be purchased from the appropriate tariff. Customers subscribing to a dial-up control will be provided a telephone number, which shall be used to configure the port connection.
- (5) The customer subscribing to dial-up access in conjunction with Uncompressed Switched Video (a.k.a. BellSouth SPA Uncompressed Switched Video) service shall indemnify, defend, and save harmless the Telephone Company from and against any and all losses, claims, demands, causes of action and costs, including attorney's fees whether suffered, made, instituted or asserted by the customer or any other party or person arising from the use, whether authorized or unauthorized, in conjunction with the customer's Uncompressed Switched Video (a.k.a. BellSouth SPA Uncompressed Switched Video) service.
- (6) Uncompressed Switched Video (a.k.a. BellSouth SPA Uncompressed Switched Video) customers may upgrade to Broadcast Quality Video⁽¹⁾ SDI or higher video services without incurring termination liability charges, subject to the following conditions:
 - (a) The customer must issue a disconnect order for the existing Uncompressed Switched Video (a.k.a. BellSouth SPA Uncompressed Switched Video) service and place a service order for the new higher speed video service at the same locations such that there is no more than 60 days overlap between the two services.
 - (b) The same locations must be utilized for the new higher-speed video service.
 - (c) The customer must subscribe to a new CSPP term that is greater than or equal to the remaining months in the existing term for the lower speed service.
 - (d) The existing Uncompressed Switched Video (a.k.a. BellSouth SPA Uncompressed Switched Video) service must have been in service for a minimum period of 15 months for a 3-year term.
 - (e) Nonrecurring charges will apply where applicable.

⁽¹⁾ Effective February 16, 2016, Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.5 Moves (Cont'd)

(A) Moves Within the Same Building

When a service is moved to a new location within the same building, the charge for the move will be an amount equal to one-half of the first service installed nonrecurring charge for the service termination affected. When a group of like services is moved to the same location inside a customer premises at the same time, the appropriate charges will be: one-half the first service installed nonrecurring charge for the first service moved of the group; and one-half the additional service installed nonrecurring charge for additional like services of that group. There will be no change in the minimum period requirements.

(B) Moves To a Different Building⁽¹⁾

(N)

Moves to a different building (customer premises) in a wire center serving area different than the customer's existing serving wire center serving area will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. Service will not be available simultaneously at both the original and new customer locations. New minimum period requirements may be established for the rearranged services in accordance with the regulations for a service. The customer will also remain responsible for satisfying all outstanding minimum period charges for the original service locations. When the move involves a multipoint service, the nonrecurring charge will apply per rate element affected.

Moves to a Telephone Company-provided BellSouth Expanded Interconnection Service interconnection arrangement, where the customer's and interconnector's existing wire center is the same, will be treated as a service move rather than a discontinuance and start of service. Cross Connect rates, nonrecurring charges, and optional feature and function charges as contained in Section 13 of this Tariff will apply. In addition, service reconfiguration charges are applicable per customer request and per circuit moved as contained in 7.5.17 following. Individual services will not be available simultaneously at both the original premises location and new wire center interconnection space. Additional cooperative end-to-end testing is available and will be conducted by the Telephone Company when requested at rates and charges contained in Section 13.3.5(B) of this Tariff. New minimum period requirements may be established for the rearranged services in accordance with the regulations for a service. The customer will remain responsible for satisfying all outstanding minimum period charges for the original service locations. When the move involves a multipoint service, the nonrecurring charge will apply per rate element affected.

⁽¹⁾ Effective February 16, 2016, moves to a different building will no longer be available for Voice Grade (a.k.a. BellSouth SPA DSO VG), Program Audio (a.k.a. BellSouth SPA Program Audio), and Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) services in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.20 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾

(N)

Monthly rates and nonrecurring charges as specified in 7.5.3 following apply for Voice Grade (a.k.a. BellSouth SPA DSO VG) service.

Voice Grade (a.k.a. BellSouth SPA DSO VG) service is available under several payment plans: Voice Grade (a.k.a. BellSouth SPA DSO VG) Rate Stability Plan (with a minimum of 36 months and a maximum of 60 months), Month-to-month (with a minimum of one month), Plan A (24-48 Months) or Plan B (49-72 Months). The Voice Grade (a.k.a. BellSouth SPA DSO VG) Rate Stability Plan is provided as outlined in 7.4.13 preceding. Plans A and B are provided under conditions specified in the Channel Services Payment Plan (CSPP), 2.4.8(A) preceding, except as modified following:

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

(N)
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ACCESS SERVICE

7 - Special Access (a.k.a BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.20 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd)) (N)

- (A) A termination liability charge will be applicable if services provided under a CSPP arrangement are disconnected prior to the end of the chosen service period. The termination charge is equal to the applicable rate per rate element for the current contract multiplied times the difference in months between the time the CSPP contract has been in effect and the minimum contract length multiplied times a factor. The factor is 50 percent for contracts that have been in effect twelve months or less, or 20 percent for contracts that have been in effect longer than twelve months.
- (B) No charges apply for the conversion of existing Voice Grade (a.k.a. BellSouth SPA DSO VG) service under a month-to-month payment plan to a CSPP arrangement.
- (C) Plan C offered under the CSPP arrangement, as specified in 2.4.8(A) preceding, is not available for Voice Grade (a.k.a. BellSouth SPA DSO VG) service.

In order to accommodate more flexible customer situations, certain elements of Voice Grade (a.k.a. BellSouth SPA DSO VG) service are available under an Area Commitment Plan (ACP) as described in 2.4.8(B) preceding. The ACP commitment for Voice Grade (a.k.a. BellSouth SPA DSO VG) service is made based on a level of local channels and interoffice channel miles. Voice Grade (a.k.a. BellSouth SPA DSO VG) Interoffice Channel-Fixed rate elements will receive the same rate treatment for credits and shortfall charges as long as the associated circuit mileage charges qualify under the ACP. The ACP A and ACP B rates for Voice Grade (a.k.a. BellSouth SPA DSO VG) service are the same as the Plan A and Plan B rates shown for CSPP.

- (D) No charges apply for the conversion of an existing Voice Grade (a.k.a. BellSouth SPA DSO VG) Rate Stability Plan arrangement as specified in Section 7.4.13 preceding to a CSPP or ACP arrangement. The customer will be given recognition for previous service for each circuit converted from the Voice Grade (a.k.a. BellSouth SPA DSO VG) Rate Stability Plan provided that the length of the new CSPP or ACP arrangement is equal to or greater than the remaining service period of the Voice Grade (a.k.a. BellSouth SPA DSO VG) Rate Stability Plan arrangement.

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

(N)
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ACCESS SERVICE

7 – Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rates and Regulations (Cont'd)

7.4.29 Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Service⁽¹⁾

(N)

Rates and charges as specified in 7.5.6 following apply for each Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Service. Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Service is a fiber optic transport video service that interconnects two customer designated end point locations or a customer designated premises and a Telephone Company central office to provide one-way video service with associated audio. This service is transported a National Televisions Systems Committee (NTSC) video signal. Rate categories include Local Channels and Interoffice Channels. Nonrecurring charges and recurring rates are applicable for each.

These rates and charges are only valid for locations where facilities exist. If new facilities must be constructed, special construction charges will apply as set forth in the BellSouth Telecommunications Inc.'s Special Construction Tariff, F.C.C. No. 2.

Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Service is provided under a month-to-month rate option for customers subscribing on or after December 29, 2001. For customers subscribing prior to December 29, 2001, the NTSC option is provided under Month-to-Month rates. All CSPP's are provided under conditions specified in Section 2.4.8 preceding, except as modified following:

- (1) All rate elements, for each Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Service must be provided under the same payment plan with the same service period and are coterminous upon disconnect of that service, for example Local Channels and Interoffice Channels.
- (2) A termination liability charge will be applicable if services provided under a CSPP arrangement are disconnected prior to the end of the chosen service period. The applicable charge is equal to the number of months remaining in the rate stabilized service period times 60% of monthly rates for Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Service which include Local Channels and Interoffice Channels provided under the CSPP arrangement.

⁽¹⁾ Effective February 16, 2016, Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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ACCESS SERVICE

7 – Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rates and Regulations (Cont'd)

7.4.29 Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Service⁽¹⁾⁽²⁾(Cont'd)

(N)

Customers under a CSPP may upgrade to Modular Video Transport Service under a CSPP without incurring any termination charges when:

- (a) the completed service period is 12 months, or 25% of the length of the originally selected CSPP service period, whichever is greater, and
- (b) the service period of the new CSPP arrangement for Modular Video Transport Service is equal to or longer than the remaining service period of the disconnected Commercial Quality Video Service, and
- (c) the service orders to install service under Modular Video Transport Service and disconnect service under Commercial Quality Video Service are related together and received by the Telephone Company at the same time, and there is no lapse in service between installation of Modular Video Transport Service and the disconnection of Commercial Quality Video Service.

⁽¹⁾ Effective August 25, 2011, Commercial Quality Video Service and BellSouth SPA Modular Video Transport Service are no longer available to new Customers. There is no change for existing customers. (T)

⁽²⁾ Effective February 16, 2016, Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted. (N)

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ACCESS SERVICE
7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾⁽²⁾

(N)

<u>ALL STATES</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>		<u>USOC</u>
		<u>First Service Installed</u>	<u>Additional Service Installed</u>	
(A) Local Channel				
- Per Local Channel				
- Two-Wire	\$45.00	\$365.00	\$119.49	T6E2X
- Four-Wire	\$65.00	\$270.00	\$125.19	T6E4X
		<u>Per Month Rates</u>		
		<u>Plan A⁽²⁾</u>	<u>Plan B</u>	
		<u>24-48 Months</u>	<u>49-72 Months</u>	<u>USOC</u>
Channel Services Payment Plan				
- Two-Wire		\$29.00	\$27.50	T6E2X
- Four-Wire		\$44.00	\$39.15	T6E4X
Area Commitment Plan				
- Two-Wire		\$29.00	\$27.50	T6E2X
- Four-Wire		\$44.00	\$39.15	T6E4X
	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>		<u>USOC</u>
(B) Interoffice Channel				
- Fixed	\$27.00		\$110.00	1L5XX
- Per Mile	\$ 1.70		N/A	1L5XX
	<u>Per Month Rates</u>			
	<u>Plan A⁽²⁾</u>	<u>Plan B</u>		
	<u>24-48 Months</u>	<u>49-72 Months</u>	<u>USOC</u>	
Channel Services Payment Plan				
- Fixed		\$22.00	\$19.00	1L5XX
- Per Mile		\$ 1.25	\$ 0.94	1L5XX
Area Commitment Plan				
- Fixed		\$22.00	\$19.00	1L5XX
- Per Mile		\$ 1.25	\$ 0.94	1L5XX
	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	<u>USOC</u>	
(C) Optional Features and Functions				
- Bridging – Per Port				
- Two-Wire		\$8.00	\$52.00	BCNV2
- Four-Wire		\$10.00	\$52.00	BCMV4

⁽¹⁾ Rates and charges for the Voice Grade (a.k.a. BellSouth SPA DSO VG) Rate Stability Plan appear in 7.7.1 following. (T)

⁽²⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. (N)

New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted. (N)

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd)

(N)

ALL STATES (Cont'd)

(C) Optional Features and Functions (Cont'd)	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
--	-------------	----------------------	-----------------------------

(1) Bridging (Cont'd)

(a) Data Bridging

Two-Wire/Four-Wire			
- Per Port			
- Two-Wire	BCND2	\$15.00	\$52.00
- Four-Wire	BCND4	\$13.00	\$52.00

(b) Telephoto Bridging

Two-Wire/Four-Wire			
- Per Port			
- Two-Wire	BCNF2	\$ 8.00	\$52.00
- Four-Wire	BCNF4	\$10.00	\$52.00

<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
		Initial Subsequent

(2) Conditioning

- Per Local Channel			
C - Type	X1CPT	\$3.00	\$17.41
Improved Attenuation			\$110.00
Distortion	UHW	\$0.00	\$ 0.00
Improved Envelope			\$186.55
Delay Distortion			
With Improved			
Attenuation			
Distortion	UHY	\$16.00	\$69.05
Sealing Current	1HBPT	\$.95	None
			\$186.55

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd)

(N)

ALL STATES (Cont'd)

(C) Optional Features and Functions (Cont'd)	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>Initial</u>	<u>Subsequent</u>
(3) Echo Control for Effective Two-Wire Service Per Local Channel				
- Improved Return Loss At the Two-Wire Point of Termination	1RL2W	\$ 8.00	\$49.88	\$369.30
- ELEPL2 At the Four-Wire Point of Termination	UHZ	\$20.00	\$32.19	\$120.00
(4) Customer Specified Receive Level				
- Per Local Channel	RLS	\$12.35	\$ 0.00	\$110.00
(5) D-Conditioning				
- Per Local Channel	XDCPT	\$ 1.90	\$ 5.40	\$357.66
(6) Telephoto Conditioning				
- Per Local Channel	XTCPT	\$ 4.00	\$ 4.43	\$332.56
(7) Signaling Capability				
- Per Local Channel				
- Loop	XSS++*	\$ 6.00	\$ 5.43	\$318.41
- Single Frequency	XSSSF	\$ 7.00	\$15.00	\$318.58
- E&M	XSS++**	\$15.00	\$15.00	\$329.97
- Ground	XSS++***	\$ 6.00	\$ 5.40	\$306.32
- Other	XSS++****	\$12.00	\$ 5.39	\$316.94

* In lieu of ++ substitute L0 or LS as appropriate.

** In lieu of ++ substitute EA, EB, EC or CT as appropriate.

*** In lieu of ++ substitute GO or GS as appropriate.

**** In lieu of ++ substitute LA, LB, LC, LR, RV, DX, DY, EX, AB or AC as appropriate.

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd)

(N)

ALL STATES (Cont'd)

(C) Optional Features and Functions (Cont'd)	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	<u>Initial</u>	<u>Subsequent</u>
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(8) Improved Termination - Per Local Channel	UGD	\$6.00	\$4.50	\$319.11	
---	-----	--------	--------	----------	--

(9) Simplex Reversal - Per Local Channel	UGJ	None	None	None	
---	-----	------	------	------	--

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
--	-------------	----------------------	-----------------------------

(D) Manual Update NCI Code

- Per circuit rolled over from 1.544 Mbps to 44.736 Mbps High Capacity Service	RDG	None	\$104.98
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(E) Reserved for Future Use

(T)

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd) (N)

ALL STATES (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(F) Mechanized NCI Code Update			
- Per circuit per tape	NRBU1	None	\$ 51.96
- Processing charge per tape file run	NRBU2	None	\$861.46

(G) Reserved for Future Use

(T)

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd) (N)

	<u>ALL STATES</u> (Cont'd)		<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
	<u>USOC</u>			
(H) Reserved for Future Use				(T)
(I) Shared Network Arrangement				
- Coordination Charge Per Arrangement		NRBSN	None	\$ 0.00
- Processing Charge Per Service Order		ORC	None	\$ 0.00

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted. (N)

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd)

(N)

7.5.3.1 WATS Access Line (a.k.a. BellSouth SPA WATS Line) Service

<u>ALL STATES</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>		<u>USOC</u>
		<u>First Service Installed</u>	<u>Additional Service Installed</u>	
(A) Local Channel				
- Per Local Channel				
- Two-Wire	\$50.00	\$345.00	\$121.22	X2L ¹ , X2W
- Four-Wire	\$70.00	\$375.00	\$127.87	X4L ¹ , X4W
<u>Per Month Rates</u>				
Plan A (24-48 Months)		CSPP ^c	ACP ^c	<u>USOC</u>
- Two-Wire		\$29.00	\$29.00	X2L ¹ , X2W
- Four-Wire		\$45.00	\$45.00	X4L ¹ , X4W
Plan B (49-72 Months)				
- Two-Wire		\$27.50	\$27.50	X2L ¹ , X2W
- Four-Wire		\$42.50	\$42.50	X4L ¹ , X4W
<u>Monthly Rates</u>				
(B) Interoffice Channel for WATS Access Line (a.k.a. BellSouth SPA WATS Line) Extension		Nonrecurring Charge		<u>USOC</u>
- Fixed				
- Per Mile		\$35.00	\$89.00	1LFFX
		\$2.00	N/A	1LFFX
<u>Vintage CSPP^c</u>				
Plan A (24-48 Months)		Per Month Rates		
- Fixed		CSPP ^c	ACP ^c	<u>USOC</u>
- Per Mile		N/A	\$29.00	1LFFX
Plan B (49-72 Months)				
- Fixed		N/A	\$1.70	1LFFX
- Per Mile		N/A	\$27.40	1LFFX
			\$1.60	1LFFX
<u>(C) Optional Features and Functions</u>				
<u>Nonrecurring Charges</u>				
<u>Initial</u>				
<u>Subsequent</u>				
<u>Monthly Rate</u>				
(1) Improved two-wire Voice Transmission specifications for two-wire WATS Access Line	\$25.00	\$95.77	\$6.00	X2T

Note 1: For use with Direct Inward Dial (DDD) or DID/DOD Access service with BSA for use with WATS Access Lines (a.k.a. BellSouth SPA WATS Line) described in Section 6.3.3(A)(10) and provided in Section 6.8.2(D) of this tariff.

Note 2: Channel Services Payment Plan (CSPP) and Area Commitment Plan (ACP) rates.

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd) (N)

7.5.3.1 WATS Access Line (a.k.a. BellSouth SPA WATS Line) Service

ALL STATES (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(C) Optional Features and Functions (Cont'd)			
(2) WATS Access Line (a.k.a. BellSouth SPA WATS Line) Bridging Two-Wire/Four-Wire			
- Per Port			
- Two-Wire	BCNV2	\$ 8.00	\$52.00
- Four-Wire	BCNV4	\$10.00	\$52.00

(D) Shared Network Arrangement

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
- coordination charge per arrangement	NRBSN	None	\$ 0.00
- processing charge per service order	ORC	None	\$ 0.00

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted. (N) (N)

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service⁽¹⁾

(N)

7.5.4.1 Monthly Rates and Charges

ALL STATES

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>First Service Installed</u>	<u>Additional Service Installed</u>
(A) Local Channel				
- Per Local Channel				
- 200 to 3500 Hz	T6ECS	\$ 25.78	\$345.89	\$135.65
- 100 to 5000 Hz	T6ECS	\$ 39.20	\$380.73	\$169.79
- 50 to 8000 Hz	T6ECS	\$ 39.69	\$406.23	\$176.70
- 50 TO 15000 Hz	T6ECS	\$ 85.26	\$444.64	\$206.87

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
		<u>Fixed</u>	<u>Per Mile</u>
(B) Interoffice Channel			
(1) 200 to 3500 Hz			
<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$18.00	\$.88
Over 4 to 8	1L5XX	\$18.00	\$.88
Over 8 to 25	1L5XX	\$18.00	\$.88
Over 25 to 50	1L5XX	\$18.00	\$.88
Over 50	1L5XX	\$18.00	\$.88
(2) 100 to 5000 Hz			
<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$25.00	\$.98
Over 4 to 8	1L5XX	\$25.00	\$.98
Over 8 to 25	1L5XX	\$25.00	\$.98
Over 25 to 50	1L5XX	\$25.00	\$.98
Over 50	1L5XX	\$25.00	\$.98

⁽¹⁾ Effective February 16, 2016, Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Program Audio (a.k.a. BellSouth SPA Program Audio) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service⁽¹⁾ (Cont'd) (N)

7.5.4.1 Monthly Rates and Charges (Cont'd)

(B) Interoffice Channel (Cont'd)

ALL STATES (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
		<u>Fixed</u>	<u>Per Mile</u>
(3) 50 to 8000 Hz <u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$ 36.00	\$ 1.96
Over 4 to 8	1L5XX	\$ 36.00	\$.98
Over 8 to 25	1L5XX	\$ 36.00	\$.98
Over 25 to 50	1L5XX	\$ 36.00	\$.98
Over 50	1L5XX	\$ 36.00	\$.98
(4) 50 to 15000 Hz <u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$115.00	\$.98
Over 4 to 8	1L5XX	\$115.00	\$.98
Over 8 to 25	1L5XX	\$115.00	\$.98
Over 25 to 50	1L5XX	\$115.00	\$.98
Over 50	1L5XX	\$115.00	\$.98
(C) Optional Features and Functions	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(1) Bridging (Distribution) Amplifier - Per port	BCNPT	\$ 3.00	\$14.58
(2) Gain Conditioning - Per service	XGC	None	<u>Nonrecurring Charges</u> Initial Subsequent \$25.15 \$75.36
(3) Stereo - Per service	XSC	None	None None

⁽¹⁾ Effective February 16, 2016, Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Program Audio (a.k.a. BellSouth SPA Program Audio) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted. (N)

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service⁽¹⁾ (Cont'd) (N)

7.5.4.1 Monthly Rates and Charges (Cont'd)

ALL STATES (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(D) Manual Update NCI Code - Per circuit rolled over from 1.544 Mbps to 44.736 Mbps High Capacity Service (a.k.a. BellSouth SPA High Capacity)	RDG	None	\$104.98
(E) Mechanized NCI Code Update - Per circuit per tape - Processing charge per tape file run	NRBU1 NRBU2	None None	\$51.96 \$861.46
(F) Shared Network Arrangement - Coordination charge per arrangement - Processing charge per service order	NRBSN ORC	None None	\$ 0.00 \$ 0.00

⁽¹⁾ Effective February 16, 2016, Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Program Audio (a.k.a. BellSouth SPA Program Audio) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted. (N)

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service⁽¹⁾ (Cont'd) (N)

7.5.4.2 Daily Rates and Charges

ALL STATES

Nonrecurring Charges

	<u>USOC</u>	<u>Daily Rates*</u>		<u>Nonrecurring Charges</u>
		<u>Daily Rates</u>	<u>First Service Installed</u>	
(A) Local Channel				<u>Additional Service Installed</u>
- Per Local Channel				
- 200 to 3500 Hz	T6ECS	\$3.91	\$356.05	\$139.83
- 100 to 5000 Hz	T6ECS	\$4.77	\$398.57	\$174.12
- 50 to 8000 Hz	T6ECS	\$5.07	\$407.17	\$180.96
- 50 to 15000 Hz	T6ECS	\$9.50	\$442.01	\$211.42
(B) Interoffice Channel	<u>USOC</u>	<u>Daily Rates*</u>		
		<u>Fixed</u>	<u>Per Mile</u>	
(1) 200 to 3500 Hz				
<u>Mileage Bands</u>				
0	1L5XX	None	None	None
Over 0 to 4	1L5XX	\$0.99	\$0.22	\$85.93
Over 4 to 8	1L5XX	\$1.25	\$0.22	\$85.93
Over 8 to 25	1L5XX	\$1.50	\$0.22	\$85.93
Over 25 to 50	1L5XX	\$1.75	\$0.22	\$85.93
Over 50	1L5XX	\$2.01	\$0.22	\$85.93
(2) 100 to 5000 Hz				
<u>Mileage Bands</u>				
0	1L5XX	None	None	None
Over 0 to 4	1L5XX	\$1.30	\$0.36	\$94.00
Over 4 to 8	1L5XX	\$1.63	\$0.36	\$94.00
Over 8 to 25	1L5XX	\$1.96	\$0.36	\$94.00
Over 25 to 50	1L5XX	\$2.29	\$0.36	\$94.00
Over 50	1L5XX	\$2.62	\$0.36	\$94.00

*Daily rates will be topped and maximum rate derived as set forth in 7.4.1.(B) preceding.

⁽¹⁾ Effective February 16, 2016, Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Program Audio (a.k.a. BellSouth SPA Program Audio) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted. (N)

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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service⁽¹⁾ (Cont'd) (N)

7.5.4.2 Daily Rates and Charges (Cont'd)

	<u>ALL STATES</u> (Cont'd)			
	<u>USOC</u>	<u>Daily Rates*</u>	<u>Per Mile</u>	<u>Nonrecurring Charges</u>
(B) Interoffice Channel (Cont'd)				
(3) 50 to 8000 Hz				
<u>Mileage Bands</u>				
0	1L5XX	None	None	None
Over 0 to 4	1L5XX	\$ 1.35	\$.46	\$ 99.77
Over 4 to 8	1L5XX	\$ 1.67	\$.46	\$ 99.77
Over 8 to 25	1L5XX	\$ 2.02	\$.46	\$ 99.77
Over 25 to 50	1L5XX	\$ 2.33	\$.46	\$ 99.77
Over 50	1L5XX	\$ 2.66	\$.46	\$ 99.77
(4) 50 to 15000 Hz				
<u>Mileage Bands</u>				
0	1L5XX	None	None	None
Over 0 to 4	1L5XX	\$ 4.25	\$ 1.22	\$155.03
Over 4 to 8	1L5XX	\$ 5.54	\$ 1.22	\$155.03
Over 8 to 25	1L5XX	\$ 6.85	\$ 1.22	\$155.03
Over 25 to 50	1L5XX	\$ 8.12	\$ 1.22	\$155.03
Over 50	1L5XX	\$ 9.42	\$ 1.22	\$155.03
(C) Optional Features and Functions	<u>USOC</u>	<u>Daily*</u>	<u>Rates</u>	<u>Nonrecurring Charges</u>
(1) Bridging (Distribution Amplifier)				
- Per port	BCNPT	\$ 1.39		\$16.05

*Daily rates will be topped and maximum rates derived as set forth in 7.4.1(B) preceding.

⁽¹⁾ Effective February 16, 2016, Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Program Audio (a.k.a. BellSouth SPA Program Audio) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted. (N)

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service⁽¹⁾ (Cont'd) (N)

7.5.4.2 Daily Rates and Charges (Cont'd)

ALL STATES (Cont'd)

(C) Optional Features and Functions (Cont'd)	USOC	<u>Daily* Rates</u>	<u>Nonrecurring Charges</u>	
			<u>Initial</u>	<u>Subsequent</u>
(2) Gain Conditioning - Per service	XGC	None	\$25.15	\$75.36
(3) Stereo - Per service	XSC	None	None	None
	USOC	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
(D) Shared Network Arrangement - Coordination charge per arrangement - Processing charge per service order	NRBSN	None	\$ 0.00	
	ORC	None	\$ 0.00	

*Daily rates will be topped and maximum rates derived as set forth in 7.4.1(B) preceding.

⁽¹⁾ Effective February 16, 2016, Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Program Audio (a.k.a. BellSouth SPA Program Audio) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted. (N)

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.5 Video (a.k.a. BellSouth SPA Video) Services

7.5.5.1 Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Service⁽¹⁾ (N)

7.5.5.1.1 Rates and Charges

ALL STATES

<u>Nonrecurring Charges</u>	<u>Recurring Charges</u>	
	<u>Month to Month</u>	<u>USOC</u>
(A) Local Channel, each		
(1) NTSC Transmit	\$298.00	\$338.50
(2) NTSC Receive	\$298.00	\$338.50
		TME1T
		TME1R

⁽¹⁾ Effective February 16, 2016, Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted. (N)

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.5 Video (a.k.a. BellSouth SPA Video) Services

7.5.5.1 Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) (N) (N)
Service⁽¹⁾ (Cont'd)

7.5.5.1.1 Monthly Rates and Charges (Cont'd)

<u>Nonrecurring Charges</u>	<u>Recurring Charges</u>	
	<u>Month to Month</u>	<u>USOC</u>
(B) Interoffice Channel, each		
(1) NTSC 1-20 miles		
- Fixed	\$170.00	\$185.00
- Per airline mile or fraction thereof	NA	\$ 52.00
(2) NTSC Over 20 miles		
- Fixed	\$265.00	\$490.00
- Per airline mile or fraction thereof	NA	\$ 78.50
		1L5F1
		1L5A1
		1L5F2
		1L5A2

⁽¹⁾ Effective February 16, 2016, Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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ACCESS SERVICE
23 – Metropolitan Statistical Area Access Services (Cont'd)

23.3 Services Available in an MSA

The following services are available in MSA's with Full or Limited Service Relief:

BellSouth SWA Dedicated Transport Services

- BellSouth SWA VG
- BellSouth SWA DS0
- BellSouth SWA DS1
- BellSouth SWA DS3
- BellSouth SWA Dedicated Ring
- BellSouth SWA Managed Shared Network Service
- CCS7 Signaling Connection and CCS7 Signaling Termination
- Dedicated Network Access Lines (DNALs)
- BellSouth SWA SONET Transport Components
- BellSouth Wavelength SWA Dedicated Ring Service Components
- BellSouth Wavelength SWA Channel Service Components

Special Access (a.k.a. BellSouth SPA) Services⁽¹⁾

- Metallic (a.k.a. BellSouth SPA Metallic)
- Telegraph Grade (a.k.a. BellSouth SPA Telegraph)
- Voice Grade (a.k.a. BellSouth SPA VG)⁽³⁾
- WATS Access Line (WAL) (a.k.a. BellSouth SPA WATS Lines)
- Program Audio (a.k.a. BellSouth SPA Program Audio)⁽³⁾
- Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video)⁽³⁾
- BellSouth SPA Modular Video Transport Service
- Uncompressed Switched Video (a.k.a. BellSouth SPA Uncompressed Switched Video)
- Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel)
- Digital Data Access Service (a.k.a. BellSouth SPA DS0 Digital Data)
- High Capacity (a.k.a. BellSouth SPA High Capacity)
- DS1 (a.k.a. BellSouth SPA DS1)
- LightGate svc.(a.k.a. BellSouth SPA Point to Point)
- SMARTPath svc.(a.k.a. BellSouth SPA DS1 & DS3 Shared Ring)
- BellSouth Customer Network Management Service
- Dry Fiber⁽²⁾

(N)

(N)

(N)

⁽¹⁾ Effective August 25, 2011, BellSouth SPA Modular Video Transport Service is no longer available to new Customers. There is no change for existing Customers.

⁽²⁾ Effective January 1, 2011, Dry Fiber is no longer available to new Customers. There is no change for existing Customers.

⁽³⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DS0 VG), Program Audio (a.k.a. BellSouth SPA Program Audio), and Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) services in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers are no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a. BellSouth SPA DS0 VG), Program Audio (a.k.a. BellSouth SPA Program Audio), and Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

(N)

(N)

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23 - Metropolitan Statistical Area Access Services (Cont'd)

23.5 Rates and Charges (Cont'd)

23.5.2 BellSouth SPA Service (Cont'd)

23.5.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾⁽³⁾

(N)

(A) Local Channel
- Per Local Channel

ALL STATES

	<u>Nonrecurring Charges</u>		Month to Month	Plan A ⁽²⁾ (24-48 Mos.) Mo. Rates	Plan B ⁽²⁾ (49-72 Mos.) Mo. Rates	(T) USOC
Voice Grade (a.k.a. BellSouth SPA DSO VG)						
- Two-Wire	\$365.00	\$119.49	\$45.00	\$29.00	\$27.50	T6E2X
- Four-Wire	\$270.00	\$125.19	\$65.00	\$44.00	\$40.00	T6E4X

(B) Interoffice Channel

	<u>Nonrecurring Charges</u>	Month to Month	Plan A ⁽²⁾ (24-48 Mos.) Mo. Rates	Plan B ⁽²⁾ (49-72 Mos.) Mo. Rates	(T) USOC
Voice Grade (a.k.a. BellSouth SPA DSO VG)					
- Fixed	\$110.00	\$27.00	\$22.00	\$19.00	1L5XX
- Per Mile	N/A	\$ 2.00	\$ 1.45	\$ 1.10	1L5XX

(C) Optional Features
and Functions

	<u>Nonrecurring Charges</u>	<u>Monthly Rates</u>	<u>USOC</u>
(1) Bridging Two-Wire/Four-Wire -Per Port -Two-Wire	\$52.00	\$ 8.00	BCNV2
-Four-Wire	\$52.00	\$10.00	BCNV4

⁽¹⁾ Rates and charges for the Voice Grade (a.k.a. BellSouth SPA DSOVG) Rate Stability Plan appear in 7.7.1. (T)

⁽²⁾ Channel Services Payment Plan and Area Commitment Plan rates. (T)

⁽³⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted. (N)

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ACCESS SERVICE

23 - Metropolitan Statistical Area Access Services (Cont'd)

23.5 Rates and Charges (Cont'd)

23.5.2 BellSouth SPA Service (Cont'd)

23.5.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd) (N)

ALL STATES (Cont'd)

(C) Optional Features and Functions (Cont'd)	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
--	-------------	----------------------	-----------------------------

(1) Bridging (Cont'd)

(a) Data Bridging

Two-Wire/Four-Wire

- Per Port

- Two-Wire
- Four-Wire

BCND2	\$15.00	\$52.00
BCND4	\$13.00	\$52.00

(b) Telephoto Bridging

Two-Wire/Four-Wire

- Per Port

- Two-Wire
- Four-Wire

BCNF2	\$ 8.00	\$52.00
BCNF4	\$10.00	\$52.00

<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
		Initial Subsequent

(2) Conditioning

- Per Local Channel				
C - Type	X1CPT	\$3.00	\$17.41	\$110.00
Improved Attenuation				
Distortion	UHW	\$0.00	\$ 0.00	\$186.55
Improved Envelope				
Delay Distortion				
With Improved				
Attenuation				
Distortion	UHY	\$16.00	\$69.05	\$186.55
Sealing Current	1HBPT	\$.95	None	None

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted. (N)

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23 - Metropolitan Statistical Area Access Services (Cont'd)

23.5 Rates and Charges (Cont'd)

23.5.2 BellSouth SPA Service (Cont'd)

23.5.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd) (N)

ALL STATES (Cont'd)

(C) Optional Features and Functions (Cont'd)	USOC	Monthly Rates	Nonrecurring Charges Initial	Nonrecurring Charges Subsequent
(3) Echo Control for Effective Two-Wire Service Per Local Channel - Improved Return Loss At the Two-Wire Point of Termination	1RL2W	\$ 8.00	\$49.88	\$369.30
- ELEPL2 At the Four-Wire Point of Termination	UHZ	\$20.00	\$32.19	\$120.00
(4) Customer Specified Receive Level - Per Local Channel	RLS	\$12.35	\$ 0.00	\$110.00
(5) D-Conditioning - Per Local Channel	XDCPT	\$ 1.90	\$ 5.40	\$357.66
(6) Telephoto Conditioning - Per Local Channel	XTCPT	\$ 4.00	\$ 4.43	\$332.56
(7) Signaling Capability - Per Local Channel - Loop	XSS++*	\$ 6.00	\$ 5.43	\$318.41
- Single Frequency	XSSSF	\$ 7.00	\$15.00	\$318.58
- E&M	XSS++**	\$15.00	\$15.00	\$329.97
- Ground	XSS++***	\$ 6.00	\$ 5.40	\$306.32
- Other	XSS+****	\$12.00	\$ 5.39	\$316.94

* In lieu of ++ substitute LO or LS as appropriate.

** In lieu of ++ substitute EA, EB, EC or CT as appropriate.

*** In lieu of ++ substitute GO or GS as appropriate.

**** In lieu of ++ substitute LA, LB, LC, LR, RV, DX, DY, EX, AB or AC as appropriate.

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted. (N)

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ACCESS SERVICE

23 - Metropolitan Statistical Area Access Services (Cont'd)

23.5 Rates and Charges (Cont'd)

23.5.2 BellSouth SPA Service (Cont'd)

23.5.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd)

(N)

ALL STATES (Cont'd)

(C) Optional Features and Functions (Cont'd)	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>Initial</u>	<u>Subsequent</u>

(8) Improved Termination - Per Local Channel	UGD	\$6.00	\$4.50	\$319.11
--	-----	--------	--------	----------

(9) Simplex Reversal - Per Local Channel	UGJ	None	None	None
--	-----	------	------	------

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
--	-------------	----------------------	-----------------------------

(D) Manual Update NCI Code

- Per circuit rolled over from 1.544 Mbps to 44.736 Mbps High Capacity Service	RDG	None	\$104.98
--	-----	------	----------

(E) Reserved for Future Use

(T)

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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23 - Metropolitan Statistical Area Access Services (Cont'd)

23.5 Rates and Charges (Cont'd)

23.5.2 BellSouth SPA Service (Cont'd)

23.5.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd)

(N)

ALL STATES (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(F) Mechanized NCI Code Update			
- Per circuit per tape	NRBU1	None	\$ 51.96
- Processing charge per tape file run	NRBU2	None	\$861.46
(G) Reserved for Future Use			(T)

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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23 - Metropolitan Statistical Area Access Services (Cont'd)

23.5 Rates and Charges (Cont'd)

23.5.2 BellSouth SPA Service (Cont'd)

23.5.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd) (N)

	<u>ALL STATES</u> (Cont'd)	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
(H) Reserved for Future Use					(T)
(I) Shared Network Arrangement					
- Coordination Charge Per Arrangement		NRBSN	None	\$ 0.00	
- Processing Charge Per Service Order		ORC	None	\$ 0.00	

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted. (N)

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23 - Metropolitan Statistical Area Access Services (Cont'd)

23.5 Rates and Charges (Cont'd)

23.5.2 BellSouth SPA Service (Cont'd)

23.5.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd)

(N)

23.5.2.3.1 WATS Access Line (a.k.a. BellSouth SPA WATS Line) Service

ALL STATES

(A) Local Channel
-Per Local Channel

<u>Nonrecurring Charges</u>	<u>First Service Installed</u>	<u>Additional Service Installed</u>	<u>Month to Month</u>	<u>Plan A¹ (24-48 Mos.)</u>	<u>Plan B¹ (49-72 Mos.)</u>	<u>USOC</u>
Voice Grade (a.k.a. BellSouth SPA DSO VG)						
-Two-Wire	\$345.00	\$121.22	\$50.00	\$29.00	\$27.50	X2L ² , X2W
-Four-Wire	\$375.00	\$127.87	\$70.00	\$45.00	\$42.50	X4L ² , X4W

(B) Interoffice Channel for WATS
Access Line (a.k.a. BellSouth SPA WATS Line) Extension

<u>Nonrecurring Charges</u>	<u>Month to Month</u>	<u>Plan A¹ (24-48 Mos.)</u>	<u>Plan B¹ (49-72 Mos.)</u>	<u>USOC</u>
Voice Grade (a.k.a. BellSouth SPA DSO VG)				
-Fixed	\$ 89.00	\$35.00	\$29.00	\$27.40
-Per Mile	N/A	\$ 2.00	\$ 1.70	\$ 1.60
				1LFFX
				11FFX

(C) Optional Features and Functions

	<u>Nonrecurring Charges</u>	<u>Monthly Rate</u>	<u>USOC</u>
	<u>Initial</u>	<u>Subsequent</u>	
(1) Improved two-wire Voice Transmission specifications for two-wire WATS Access Line	\$25.00	\$95.77	\$6.00
			X2T

Note 1: Channel Services Payment Plan and Area Commitment Plan rates.

Note 2: For use with Direct Inward Dial (DDD) or DID/DOD Access service with BSA for use with WATS Access Lines (a.k.a. BellSouth SPA WATS Line) described in Section 6.3.3(A)(10) and provided in Section 6.8.2(D) of this tariff.

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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23.5 Rates and Charges (Cont'd)

23.5.2 BellSouth SPA Service (Cont'd)

23.5.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd) (N)

23.5.2.3.1 WATS Access Line (a.k.a. BellSouth SPA WATS Line) Service

ALL STATES (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(C) Optional Features and Functions (Cont'd)			
(2) WATS Access Line (a.k.a. BellSouth SPA WATS Line) Bridging Two-Wire/Four-Wire			
- Per Port			
- Two-Wire	BCNV2	\$ 8.00	\$52.00
- Four-Wire	BCNV4	\$10.00	\$52.00

(D) Shared Network Arrangement

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
- Coordination charge per arrangement	NRBSN	None	\$ 0.00
- Processing charge per service order	ORC	None	\$ 0.00

⁽¹⁾ Effective February 16, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted. (N) (N)

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23 - Metropolitan Statistical Area Access Services (Cont'd)

23.5 Rates and Charges (Cont'd)

23.5.2 BellSouth SPA Service (Cont'd)

23.5.2.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service⁽¹⁾ (N)

23.5.2.4.1 Monthly Rates and Charges

ALL STATES

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>First Service Installed</u>	<u>Additional Service Installed</u>
(A) Local Channel				
- Per Local Channel				
- 200 to 3500 Hz	T6ECS	\$ 30.48	\$397.77	\$156.00
- 100 to 5000 Hz	T6ECS	\$ 46.00	\$437.84	\$195.26
- 50 to 8000 Hz	T6ECS	\$ 46.58	\$467.16	\$203.21
- 50 TO 15000 Hz	T6ECS	\$100.05	\$511.34	\$237.90

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
		<u>Fixed</u>	<u>Per Mile</u>

(B) Interoffice Channel

(1) 200 to 3500 Hz

Mileage Bands

0	1L5XX	None	None	None
Over 0 to 4	1L5XX	\$20.70	\$1.04	\$85.53
Over 4 to 8	1L5XX	\$20.70	\$1.04	\$85.53
Over 8 to 25	1L5XX	\$20.70	\$1.04	\$85.53
Over 25 to 50	1L5XX	\$20.70	\$1.04	\$85.53
Over 50	1L5XX	\$20.70	\$1.04	\$85.53

(2) 100 to 5000 Hz

Mileage Bands

0	1L5XX	None	None	None
Over 0 to 4	1L5XX	\$28.75	\$1.15	\$93.07
Over 4 to 8	1L5XX	\$28.75	\$1.15	\$93.07
Over 8 to 25	1L5XX	\$28.75	\$1.15	\$93.07
Over 25 to 50	1L5XX	\$28.75	\$1.15	\$93.07
Over 50	1L5XX	\$28.75	\$1.15	\$93.07

⁽¹⁾ Effective February 16, 2016, Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Program Audio (a.k.a. BellSouth SPA Program Audio) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted. (N) (N)

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23.5 Rates and Charges (Cont'd)

23.5.2 BellSouth SPA Service (Cont'd)

23.5.2.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service⁽¹⁾ (Cont'd) (N)

23.5.2.4.1 Monthly Rates and Charges (Cont'd)

(B) Interoffice Channel (Cont'd)

ALL STATES (Cont'd)

		<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
			<u>Fixed</u>	<u>Per Mile</u>
(3)	<u>50 to 8000 Hz Mileage Bands</u>			
	0	1L5XX	None	None
	Over 0 to 4	1L5XX	\$ 41.40	\$ 2.30
	Over 4 to 8	1L5XX	\$ 41.40	\$ 1.15
	Over 8 to 25	1L5XX	\$ 41.40	\$ 1.15
	Over 25 to 50	1L5XX	\$ 41.40	\$ 1.15
	Over 50	1L5XX	\$ 41.40	\$ 1.15
(4)	<u>50 to 15000 Hz Mileage Bands</u>			
	0	1L5XX	None	None
	Over 0 to 4	1L5XX	\$132.25	\$ 1.15
	Over 4 to 8	1L5XX	\$132.25	\$ 1.15
	Over 8 to 25	1L5XX	\$132.25	\$ 1.15
	Over 25 to 50	1L5XX	\$132.25	\$ 1.15
	Over 50	1L5XX	\$132.25	\$ 1.15
(C)	<u>Optional Features and Functions</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(1)	<u>Bridging (Distribution) Amplifier</u>			
	- Per port	BCNPT	\$ 3.45	\$14.58
(2)	<u>Gain Conditioning</u>			<u>Nonrecurring Charges</u>
	- Per service	XGC	None	<u>Initial</u> <u>Subsequent</u>
				\$25.15 \$75.36
(3)	<u>Stereo</u>			
	- Per service	XSC	None	None

⁽¹⁾ Effective February 16, 2016, Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Program Audio (a.k.a. BellSouth SPA Program Audio) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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23.5 Rates and Charges (Cont'd)

23.5.2 BellSouth SPA Service (Cont'd)

23.5.2.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service⁽¹⁾ (Cont'd) (N)

23.5.2.4.1 Monthly Rates and Charges (Cont'd)

ALL STATES (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(D) Manual Update NCI Code - Per circuit rolled over from 1.544 Mbps to 44.736 Mbps High Capacity Service (a.k.a. BellSouth SPA High Capacity)	RDG	None	\$104.98
(E) Mechanized NCI Code Update - Per circuit per tape - Processing charge per tape file run	NRBU1 NRBU2	None None	\$51.96 \$861.46
(F) Shared Network Arrangement - Coordination charge per arrangement - Processing charge per service order	NRBSN ORC	None None	\$ 0.00 \$ 0.00

⁽¹⁾ Effective February 16, 2016, Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Program Audio (a.k.a. BellSouth SPA Program Audio) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted. (N)

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23.5 Rates and Charges (Cont'd)

23.5.2 BellSouth SPA Service (Cont'd)

23.5.2.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service⁽¹⁾ (Cont'd) (N)

23.5.2.4.2 Daily Rates and Charges

ALL STATES

Nonrecurring Charges

	<u>USOC</u>	<u>Daily Rates*</u>		<u>First Service Installed</u>	<u>Additional Service Installed</u>
		<u>Fixed</u>	<u>Per Mile</u>		
(A) Local Channel					
- Per Local Channel					
- 200 to 3500 Hz	T6ECS	\$3.91		\$356.05	\$139.83
- 100 to 5000 Hz	T6ECS	\$4.77		\$398.57	\$174.12
- 50 to 8000 Hz	T6ECS	\$5.07		\$407.17	\$180.96
- 50 to 15000 Hz	T6ECS	\$9.50		\$442.01	\$211.42
(B) Interoffice Channel					<u>Nonrecurring Charges</u>
(1) 200 to 3500 Hz					
<u>Mileage Bands</u>					
0	1L5XX	None		None	None
Over 0 to 4	1L5XX	\$.99		\$.22	\$85.93
Over 4 to 8	1L5XX	\$1.25		\$.22	\$85.93
Over 8 to 25	1L5XX	\$1.50		\$.22	\$85.93
Over 25 to 50	1L5XX	\$1.75		\$.22	\$85.93
Over 50	1L5XX	\$2.01		\$.22	\$85.93
(2) 100 to 5000 Hz					
<u>Mileage Bands</u>					
0	1L5XX	None		None	None
Over 0 to 4	1L5XX	\$1.30		\$.36	\$94.00
Over 4 to 8	1L5XX	\$1.63		\$.36	\$94.00
Over 8 to 25	1L5XX	\$1.96		\$.36	\$94.00
Over 25 to 50	1L5XX	\$2.29		\$.36	\$94.00
Over 50	1L5XX	\$2.62		\$.36	\$94.00

*Daily rates will be topped and maximum rate derived as set forth in 7.4.1.(B).

⁽¹⁾ Effective February 16, 2016, Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Program Audio (a.k.a. BellSouth SPA Program Audio) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

(N)
(N)

ISSUED: FEBRUARY 1, 2016

EFFECTIVE: FEBRUARY 16, 2016

ACCESS SERVICE

23 - Metropolitan Statistical Area Access Services (Cont'd)

23.5 Rates and Charges (Cont'd)

23.5.2 BellSouth SPA Service (Cont'd)

23.5.2.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service⁽¹⁾ (Cont'd) (N)

23.5.2.4.2 Daily Rates and Charges (Cont'd)

	<u>ALL STATES</u> (Cont'd)		<u>Daily Rates*</u>	<u>Nonrecurring Charges</u>
	<u>USOC</u>	<u>Fixed</u>		
(B) Interoffice Channel (Cont'd)				
(3) 50 to 8000 Hz				
<u>Mileage Bands</u>				
0	1L5XX	None	None	None
Over 0 to 4	1L5XX	\$ 1.35	\$.46	\$ 99.77
Over 4 to 8	1L5XX	\$ 1.67	\$.46	\$ 99.77
Over 8 to 25	1L5XX	\$ 2.02	\$.46	\$ 99.77
Over 25 to 50	1L5XX	\$ 2.33	\$.46	\$ 99.77
Over 50	1L5XX	\$ 2.66	\$.46	\$ 99.77
(4) 50 to 15000 Hz				
<u>Mileage Bands</u>				
0	1L5XX	None	None	None
Over 0 to 4	1L5XX	\$ 4.25	\$ 1.22	\$155.03
Over 4 to 8	1L5XX	\$ 5.54	\$ 1.22	\$155.03
Over 8 to 25	1L5XX	\$ 6.85	\$ 1.22	\$155.03
Over 25 to 50	1L5XX	\$ 8.12	\$ 1.22	\$155.03
Over 50	1L5XX	\$ 9.42	\$ 1.22	\$155.03
(C) Optional Features and Functions	<u>USOC</u>	<u>Daily*</u> <u>Rates</u>		<u>Nonrecurring Charges</u>
(1) Bridging (Distribution Amplifier)				
- Per port	BCNPT	\$ 1.39		\$16.05

*Daily rates will be topped and maximum rates derived as set forth in 7.4.1(B).

⁽¹⁾ Effective February 16, 2016, Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Program Audio (a.k.a. BellSouth SPA Program Audio) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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ACCESS SERVICE

23 - Metropolitan Statistical Area Access Services (Cont'd)

23.5 Rates and Charges (Cont'd)

23.5.2 BellSouth SPA Service (Cont'd)

23.5.2.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service⁽¹⁾ (Cont'd) (N)

23.5.2.4.2 Daily Rates and Charges (Cont'd)

ALL STATES (Cont'd)

(C) Optional Features and Functions (Cont'd)	USOC	Daily* <u>Rates</u>	Nonrecurring Charges	
			<u>Initial</u>	<u>Subsequent</u>
(2) Gain Conditioning - Per service	XGC	None	\$25.15	\$75.36
(3) Stereo - Per service	XSC	None	None	None
	USOC	Monthly <u>Rates</u>	Nonrecurring Charges	
(D) Shared Network Arrangement - Coordination charge per arrangement	NRBSN	None	\$ 0.00	
- Processing charge per service order	ORC	None	\$ 0.00	

*Daily rates will be topped and maximum rates derived as set forth in 7.4.1(B).

⁽¹⁾ Effective February 16, 2016, Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Program Audio (a.k.a. BellSouth SPA Program Audio) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted. (N)

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ACCESS SERVICE

23 - Metropolitan Statistical Area Access Services

23.5 Rates and Charges (Cont'd)

23.5.2 BellSouth SPA Service (Cont'd)

23.5.2.5 Video (a.k.a. BellSouth SPA Video) Services

23.5.2.5.1 Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Service⁽¹⁾

(N)

23.5.2.5.1.1 Rates and Charges

ALL STATES

	Nonre- curring <u>Charges</u>	Recurring Charges				USOC
		Month To Month	Plan A 24-48 Months	Plan B 49-72 Months	Plan C 73-96 Months	
(A) Local Channel, each						
(1) NTSC Transmit	\$298.00	\$309.00	\$278.10	\$262.65	\$247.20	TME1T
(2) NTSC Receive	\$298.00	\$309.00	\$278.10	\$262.65	\$247.20	TME1R
(B) Interoffice Channel, each						
(1) NTSC 1-20 miles						
- Fixed	\$170.00	\$185.00	\$166.50	\$157.25	\$148.00	1L5F1
- Per Airline mile or fraction thereof	NA	\$ 52.00	\$ 46.80	\$ 44.20	\$ 41.60	1L5A1
(2) NTSC Over 20 miles						
- Fixed	\$265.00	\$490.00	\$441.00	\$416.50	\$392.00	1L5F2
- Per Airline mile or fraction thereof	NA	\$ 78.50	\$ 70.65	\$ 66.72	\$ 62.80	1L5A2

⁽¹⁾ Effective February 16, 2016, Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

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