TARIFF DISTRIBUTION

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PURPOSE: Wire Center Trialls Sunset

TARIFF SECTION	PAGE NUMBER	PAGE REVISION
1000	1	0104
1000	6	0025
1000	7	0021
1000	8	0022
1000	13	0017
1000	15	0016
1007	7-25	0002
1007	7-26	0002
1007	7-27	0002
1007	7-28	0002
1007	7-29	0002
1007	7-30	0002
1007	7-31	0002
1007	7-32	0003
1007	7-34	0002
1007	7-35	0003
1007	7-36	0003
1007	7-37	0002
1007	7-38	0003
1007	7-39	0002
1007	7-40	0002
1007	7-41	0002
1007	7-42	0002
1007	7-46	0002
1007	7-130	0002
1007	7-180	0003
1007	7-181	0002
1007	7-201	0002
1007	7-202	0003
1007	7-207	0008
1007	7-208	0002

1007	7-209	0002
1007	7-210	0003
1007	7-211	0003
1007	7-212	0003
1007	7-213	0002
1007	7-214	0002
1007	7-215	0002
1007	7-216	0002
1007	7-217	0002
1007	7-218	0003
1007	7-219	0002
1007	7-220	0002
1007	7-221	0002
1007	7-222	0002
1023	23-4	0012
1023	23-151	0006
1023	23-152	0002
1023	23-153	0002
1023	23-154	0003
1023	23-155	0003
1023	23-156	0003
1023	23-157	0002
1023	23-158	0002
1023	23-159	0003
1023	23-160	0003
1023	23-161	0002
1023	23-162	0002
1023	23-163	0002
1023	23-164	0002
1023	23-165	0002

TARIFF F.C.C. NO. 1 104TH REVISED PAGE 1 CANCELS 103RD REVISED PAGE 1

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ACCESS SERVICE

CHECK SHEET 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.

Page	Number of Revision Except as <u>Indicated</u>	<u>Page</u>	Number of Revision Except as <u>Indicated</u>	<u>Page</u>	Number of Revision Except as <u>Indicated</u>
Title 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 23.1 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43	<pre>1st 104th* 23rd 49th 10th 12th 25th* 21st* 22nd* 1st 10th 10th 13th 17th* 7th 16th* 10th 3rd 6th 1st 0riginal 8th 12th 3rd 1st 1st 1st 1st 1st 1st 1st 1st 1st 1st</pre>	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 50 61 62 63 64 65 66 70 71 72 73 74 75 76 77 78 980 81 82 83 84 85 86 87	<pre>1st 1st 1st 1st 1st 1st 2nd 1st 2nd 1st 1st 1st 1st 1st 1st 1st 1st 1st 1st</pre>	88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131	<pre>1st 1st 1st 1st 1st 1st 1st 1st 1st 1st</pre>

TARIFF F.C.C. NO. 1 25TH REVISED PAGE 6 CANCELS 24TH REVISED PAGE 6

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

$\begin{array}{l} \begin{array}{c} Page \\ 6-290 \\ 6-291 \\ 6-292 \\ 6-293 \\ 6-293 \\ 6-293 \\ 6-295 \\ 6-297 \\ 6-298 \\ 6-297 \\ 6-299 \\ 6-301 \\ 6-302 \\ 6-301 \\ 6-302 \\ 6-303 \\ 6-300 \\ 6-301 \\ 6-302 \\ 6-303 \\ 6-300 \\ 6-311 \\ 6-312 \\ 6-311 \\ 6-312 \\ 6-311 \\ 6-312 \\ 6-314 \\ 6-315 \\ 6-314 \\ 6-315 \\ 6-314 \\ 6-315 \\ 6-312 \\ 6-322 \\ 6-332 \\ 6-3$	Number of Revision Except as <u>Indicated</u> Original	$\begin{array}{c} Page\\ 6-339\\ 6-340\\ 6-341\\ 6-342\\ 6-343\\ 6-344\\ 6-344\\ 6-344\\ 6-344\\ 6-350\\ 6-351\\ 6-355\\ 6-355\\ 6-355\\ 6-355\\ 6-355\\ 6-355\\ 6-355\\ 6-360\\ 6-365\\ 6-366\\ 6-366\\ 6-366\\ 6-366\\ 6-366\\ 6-370\\ 6-372\\ 6-377\\ 6-378\\ 6-377\\ 6-3881\\ 7-1\\ 7-2\\ 9\end{array}$	Number of Revision Except as Indicated Original Original Original Ist Ist Ist Ist Ist Ist Ist Ist Ist Ist	Page 7-7 7-8 7-9 7-10 7-11 7-12 7-13 7-14 7-15 7-16 7-17 7-20 7-21 7-22 7-23 7-24 7-25 7-26 7-27 7-28 7-27 7-28 7-27 7-28 7-27 7-28 7-27 7-28 7-27 7-28 7-27 7-28 7-27 7-28 7-27 7-30 7-31 7-32 7-31 7-32 7-33 7-34 7-35 7-36 7-37 7-38 7-39 7-40 7-41 7-42 7-43 7-44 7-45 7-46 7-47 7-50 7-51	Number of Revision Except as Indicated 1st 3rd Original 2nd Original Original Original Original Original Original Original Original Original Original Original 2nd* 2nd* 2nd* 2nd* 2nd* 2nd* 2nd* 2nd*
6-331	Original	6-380	lst	7-48	Original
6-332	Original	6-381	Original	7-49	2nd
6-333	Original	7-1	1st	7-50	2nd

TARIFF F.C.C. NO. 1 21ST REVISED PAGE 7 CANCELS 20TH REVISED PAGE 7

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

	,		SERVICE		
Page	Number of Revision Except as <u>Indicated</u>	Page	SHEET Number of Revision Except as <u>Indicated</u>	<u>Page</u>	Number of Revision Except as <u>Indicated</u>
7-56 7-57 7-58 7-59 7-60 7-61 7-62 7-63 7-64 7-65 7-66 7-67 7-68 7-69 7-70 7-71 7-72 7-73 7-74 7-75 7-76 7-77 7-78 7-79 7-81 7-82 7-83 7-84 7-85 7-86 7-87 7-88 7-89 7-90 7-91 7-92 7-93 7-94 7-95 7-96 7-97 7-98 7-99 7-90 7-9100 7-101 7-102 7-103 7-104	<pre>1st 1st 1st 1st 1st 1st 1st 1st 1st 0riginal 0riginal 1st 0riginal 0riginal 0riginal 0riginal 0riginal 0riginal 1st 0riginal 1st 0riginal 1st 0riginal 1st 0riginal 1st 0riginal 0riginal 2nd 2nd 2nd 2nd 2nd 2nd 2nd 2nd 2nd 2nd</pre>	7-105 7-106 7-107 7-108 7-109 7-110 7-111 7-112 7-113 7-114 7-115 7-116 7-117 7-120 7-121 7-120 7-121 7-122 7-123 7-124 7-125 7-126 7-127 7-128 7-129 7-130 7-131 7-132 7-133 7-134 7-135 7-136 7-137 7-138 7-139 7-130 7-131 7-138 7-139 7-130 7-131 7-138 7-139 7-140 7-141 7-142 7-143 7-144 7-145 7-146 7-147 7-150 7-151 7-152 7-153	Original Original Original Original Ath 1st Original Original Sth 2nd Original	7-154 7-155 7-156 7-157 7-158 7-159 7-160 7-161 7-162 7-163 7-164 7-165 7-166 7-167 7-168 7-169 7-170 7-171 7-172 7-173 7-174 7-175 7-176 7-177 7-178 7-178 7-179 7-180 7-181 7-182 7-183 7-184 7-185 7-186 7-187 7-188 7-187 7-188 7-189 7-190 7-191 7-192 7-193 7-194 7-197 7-198 7-199 7-200 7-201 7-202	Original Original Original Original Original Original Original Original Original Original Original Original Original Original Original Srd 3rd Original 2nd Original 2nd 1st 1st 3rd* 2nd 2nd 2nd 2nd 2nd 2nd 2nd 2nd 2nd 2nd

TARIFF F.C.C. NO. 1 22ND REVISED PAGE 8 CANCELS 21ST REVISED PAGE 8

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

<u>Page</u>	Number of Revision Except as Indicated	Page	Number of Revision Except as <u>Indicated</u>	<u>Page</u>	Number of Revision Except as <u>Indicated</u>
7-203 7-204 7-205 7-206 7-207 7-208 7-209 7-210 7-211 7-212 7-213 7-214 7-215 7-216 7-217 7-218 7-219 7-220 7-221 7-222 7-223 7-224 7-225 7-226 7-227 7-228 7-228 7-229 7-228 7-229 7-223 7-231 7-232 7-233 7-234 7-235 7-235 7-236 7-237 7-238 7-237 7-238 7-239 7-231 7-232 7-233 7-234 7-235 7-237 7-238 7-237 7-238 7-237 7-238 7-237 7-238 7-237 7-238 7-237 7-238 7-237 7-238 7-237 7-238 7-237 7-238 7-237 7-238 7-237 7-241 7-242 7-242 7-242 7-244 7-245 7-248 7-249 7-248 7-249	Original Original Original 8th* 2nd* 2nd* 3rd* 2nd* 2nd* 2nd* 2nd* 2nd* 2nd* 2nd* 2n	7-250 7-251 7-252 7-253 7-255 7-255 7-256 7-257 7-260 7-261 7-262 7-263 7-263 7-264 7-265 7-266 7-267 7-268 7-269 7-270 7-271 7-272 7-273 7-275 7-275 7-275 7-275 7-278 7-275 7-278 7-279 7-280 7-281 7-281 7-281 7-282 7-283 7-284 7-285 7-285 7-284 7-285 7-287 7-288 7-281 7-282 7-283 7-281 7-282 7-283 7-284 7-285 7-284 7-285 7-287 7-280 7-281 7-282 7-281 7-282 7-282 7-283 7-282 7-280 7-281 7-282 7-282 7-282 7-283 7-282 7-280 7-281 7-282 7-282 7-280 7-281 7-282 7-282 7-283 7-282 7-283 7-282 7-283 7-282 7-283 7-282 7-283 7-282 7-283 7-282 7-282 7-283 7-282 7-283 7-282 7-282 7-283 7-282 7-282 7-282 7-282 7-283 7-282 7-292 7-292 7-292 7-295 7-295 7-295 7-295 7-295 7-295 7-295 7-296	Original Original	7-297 7-298 7-299 7-300 7-301 7-302 7-303 7-305 7-305 7-306 7-307 7-308 7-307 7-308 7-309 7-310 7-311 7-312 7-313 7-314 7-315 7-316 7-317 7-318 7-317 7-320 7-321 7-322 7-323 7-324 7-325 7-326 7-327 7-328 7-329 7-329 7-329 7-329 7-329 7-329 7-329 7-329 7-329 7-329 7-329 7-329 7-329 7-329 7-329 7-331 7-332 7-3340 7-341 7-342 7-343	Original Original 2nd 2nd 2nd 2nd 2nd 2nd 2nd 2nd 2nd 2nd

TARIFF F.C.C. NO. 1 17TH REVISED PAGE 13 CANCELS 16TH REVISED PAGE 13

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

Page 20-9 20-10 20-11 20-12 20-13 20-14 20-15 20-16 20-17 20-18 21-1 21-2 21-3 21-4 21-5 21-6 21-7 21-8 21-9 21-10 21-11 21-12 21-13 21-14 21-15 21-16 21-17 21-18 21-16 21-17 21-18 21-19 21-20 21-21 21-28 21-29	Number of Revision Except as Indicated Ist Ist Ist Ist Ist Ist Ist Ist Ist Ist	$\begin{array}{c} Page \\ 21-37 \\ 21-38 \\ 21-39 \\ 21-40 \\ 21-41 \\ 21-42 \\ 21-43 \\ 21-44 \\ 21-45 \\ 21-46 \\ 21-47 \\ 21-48 \\ 21-49 \\ 21-50 \\ 21-51 \\ 21-52 \\ 21-53 \\ 21-55 \\ 21-56 \\ 21-57 \\ 21-58 \\ 21-59 \\ 21-60 \\ 21-61 \\ 21-62 \\ 21-63 \\ 21-64 \\ 21-65 \\ 21-66 \\ 21-67 \\ 21-68 \\ 21-67 \\ 21-68 \\ 21-69 \\ 21-70 \\ 21-71 \\ 21-72 \\ 21-73 \\ 21-74 \\ 21-75 \end{array}$	Number of Revision Except as <u>Indicated</u> Original	Page 21-83 21-84 21-85 21-86 21-87 21-88 21-90 21-91 21-92 21-93 21-94 21-95 21-96 21-97 21-98 21-99 21-100 21-101 21-102 21-103 21-104 21-105 21-106 21-107 21-108 21-109 21-100 21-110 21-109 21-100 21-107 21-108 21-109 21-110 21-111 22-1 22-2 22-3 23-1 23-2 23-3 23-4 23-5 23-6 23-7	Number of Revision Except as <u>Indicated</u> Original St Original St Original St Original St
21-25	Original	21-71	Original	23-3	Original
21-26	Original	21-72	Original	23-4	12th*
21-27	Original	21-73	Original	23-5	1st
21-28	Original	21-74	Original	23-6	Original

TARIFF F.C.C. NO. 1 16TH REVISED PAGE 15 CANCELS 15TH REVISED PAGE 15

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

<u>Page</u>	Number of Revision Except as <u>Indicated</u>	<u>Page</u>	Number of Revision Except as <u>Indicated</u>	<u>Page</u>	Number of Revision Except as <u>Indicated</u>
23-150 23-151 23-152 23-153 23-154 23-155 23-156 23-157 23-160 23-161 23-162 23-163 23-163 23-164 23-165 23-165 23-163 23-164 23-165 23-163 23-171 23-172 23-173 23-174 23-175 23-176 23-177 23-178 23-178 23-179 23-180 23-181 23-181 23-182 23-183 23-184 23-185 23-184 23-185 23-184 23-185 23-181 23-181 23-182 23-181 23-193 23-194 23-1	Original 6th* 2nd* 2nd* 3rd* 3rd* 2nd* 2nd* 2nd* 2nd* 2nd* 2nd* 2nd* 2n	23-195 23-197 23-198 23-199 23-200 23-201 23-202 23-203 23-203 23-204 23-205 23-206 23-207 23-208 23-209 23-210 23-210 23-211 23-212 23-213 23-214 23-215 23-216 23-217 23-218 23-217 23-218 23-219 23-220 23-221 23-221 23-225 23-225 23-226 23-227 23-228 23-227 23-228 23-229 23-229 23-230 23-231 23-232 23-231 23-235 23-236 23-237 23-238 23-237 23-238 23-239	Original Original Original Original Original Original Ist Ist Ist Ist Ist Ist Ist Ist Ist Ist	23-240 23-241 23-242 23-243 23-244 23-245 23-246 23-247 23-249 23-250 23-251 23-252 23-253 23-256 23-256 23-257 23-258 23-259 23-250 23-260 23-261 23-262 23-263 23-264 23-265 23-264 23-265 23-264 23-265 23-264 23-265 23-264 23-265 23-264 23-265 23-264 23-265 23-264 23-265 23-264 23-265 23-264 23-265 23-263 23-264 23-265 23-264 23-265 23-270 23-271 23-272 23-273 23-274 23-275 23-276 23-277 23-278 23-278 23-280 23-281 23-281 23-283 23-284	lst lst Original lst lst lst lst lst lst lst lst lst ls

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-25 CANCELS 1ST REVISED PAGE 7-25

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

7.2 Service Descriptions (Cont'd)

- 7.2.2 <u>Telegraph (a.k.a. BellSouth SPA Telegraph)</u> 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.

	Available wit Specifications	
	<u>1</u>	<u>2</u>
Telegraph Bridging	Х	Х

7.2.3 <u>Voice Grade (a.k.a. BellSouth SPA DSO VG) Service</u>⁽¹⁾

(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.

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-26 CANCELS 1ST REVISED PAGE 7-26

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

7.2 Service Descriptions (Cont'd)

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

(B) Technical Specifications Packages

					Р	ack	age	VG	-			
<u>Parameter</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>Ž</u>	<u>8</u>	9	<u>10</u>	<u>11</u>	<u>12</u>
Attenuation Distortion C-Message Noise Echo Control	X X X	X X X	X X X	X X	X X X	X X	X X X	X X X	X X	X X	X X X	X X X
Envelope Delay Distortion Frequency Shift Impulse Noise Intermodulation					Х	X X X						
Distortion Loss Deviation Phase Jitter Signal-to-C	Х	Х	X	Х	Х	X X X	X X X	X X X	X X X	X X X	X X X	Х
Message Noise Signal-to-C Notch Noise				Х	Х	Х	Х	Х	Х	Х	Х	х

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 November 5, 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.

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-27 CANCELS 1ST REVISED PAGE 7-27

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

7.2 Service Descriptions (Cont'd)

- 7.2.3 <u>Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾</u> (Cont'd)
 - (D) Optional Features and Functions
 - (1) <u>Central Office Bridging Capability</u>
 - (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) <u>Conditioning</u>

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 November 5, 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.

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-28 CANCELS 1ST REVISED PAGE 7-28

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

7.2 <u>Service Descriptions</u> (Cont'd)

- 7.2.3 <u>Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾</u> (Cont'd)
 - (D) Optional Features and Functions (Cont'd)
 - (2) <u>Conditioning</u> (Cont'd)
 - (a) <u>C-Type Conditioning</u>

C-Type Conditioning is provided for the additional control of attentuation distortion and envelope delay distortion on data services. The attentuation distortion and envelope delay distortion specifications for C-Type Conditioning are:

Attenuatior (Frequency <u>Relative to</u>	(Response)
Frequency	Variation
<u>Range (Hz)</u>	<u>(dB)</u>
504-2804	-1.0 to +3.0
304-3004	-2.0 to +6.0
Envelope Distor	<u>rtion</u>
Frequency <u>Range (Hz)</u>	Variation (micro- <u>seconds)</u>
1004-2604	≤500
604-2604	≤1500
504-2804	≤3000

(C) (C) (D) (D)

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-29 CANCELS 1ST REVISED PAGE 7-29

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

7.2 Service Descriptions (Cont'd)

- 7.2.3 <u>Voice Grade (a.k.a. BellSouth SPA DSO VG)</u> Service⁽¹⁾ (Cont'd)
 - (D) Optional Features and Functions (Cont'd)
 - (2) <u>Conditioning</u> (Cont'd)
 - (b) Improved Attenuation Distortion

Improved attenuation distortion is provided for additional control of attenuation distortion. The improved attenuation distortion specifications are:

Attenuation	
(Frequency Relative to	Response)
<u>Relative to</u>	<u>1004 Hz</u>

Frequency Variation <u>Range (Hz)</u> (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 Distor	rtion
	Variation
Frequency <u>Range (Hz)</u>	(micro-
<u>Range (Hž)</u>	<u>`seconds)</u>
1004-2604 804-2604 604-2604 504-2804 504-3004	<pre><100 <200 <300 <600 <3000 <3000</pre>

(C) (C) (D) (D)

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-30 CANCELS 1ST REVISED PAGE 7-30

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

7.2 Service Descriptions (Cont'd)

- 7.2.3 <u>Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾</u> (Cont'd)
 - (D) Optional Features and Functions (Cont'd)
 - (2) <u>Conditioning</u> (Cont'd)
 - (d) <u>Sealing Current Conditioning</u>

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) <u>Customer Specified Premises Receive Level</u>

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.

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-31 CANCELS 1ST REVISED PAGE 7-31

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

- 7.2 Service Descriptions (Cont'd)
- 7.2.3 <u>Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾</u> (Cont'd)
 - (D) Optional Features and Functions (Cont'd)
 - (4) <u>ECHO CONTROL</u> (Cont'd)
 - (b) <u>ELEPL 2 (Equal Level Echo Path Loss)</u>

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) <u>D-Conditioning</u>

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

TARIFF F.C.C. NO. 1 3RD REVISED PAGE 7-32 CANCELS 2ND REVISED PAGE 7-32

ISSUED: OCTOBER 21, 2016

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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 <u>Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾</u> (Cont'd)
 - (D) Optional Features and Functions (Cont'd)
 - (6) <u>Telephoto Conditioning</u>

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

(7) <u>Signaling Capability</u>

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

(C) (C) (D) (D)

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-34 CANCELS 1ST REVISED PAGE 7-34

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

- 7.2 Service Descriptions (Cont'd)
- 7.2.3 <u>Voice Grade (a.k.a. BellSouth SPA) Service⁽¹⁾</u> (Cont'd)
 - (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) <u>Simplex Reversal</u>

The Simplex Reversal option physically turns over the simplex DC path presented at the four-wire point of termination when LO, 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.

TARIFF F.C.C. NO. 1 3RD REVISED PAGE 7-35 CANCELS 2ND REVISED PAGE 7-35

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

7.2 <u>Service Descriptions</u> (Cont'd)

- 7.2.3 <u>Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾</u> (Cont'd)
 - (D) Optional Features and Functions (Cont'd)

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

C-Type Conditioning	<u>1</u>	<u>2</u>						Tec <u>Pac</u> <u>8</u> X		cal <u>e VG</u> <u>10</u> X	- <u>11</u>	<u>12</u>
Improved Attenuation Distortion					Х	Х	Х	Х	Х	X		
Improved Envelope Delay Distortion					Х	Х	Х	Х	Х	Х		
Sealing Current Conditioning Data Capability					Х	X X	Х			X X		
Central Office Bridging Channelization		Х			Х	X X				Х	Х	Х
Customer Specified Premises Receive Level Echo Control Improved Return		Х	Х				Х	Х	Х			
Loss ELEPL2 BellSouth Customer Network Management	Х	X X	X X		Х		X X					
Service Improved Termination Simplex Reversal Signaling Capability	X X X X	X X X X	X X X X	X X	X X	X X	X X X X	X X X X	X X X X	X X	X X	Х
Telephoto Conditioning										Х		

(1) Effective November 5, 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.

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TARIFF F.C.C. NO. 1 3RD REVISED PAGE 7-36 CANCELS 2ND REVISED PAGE 7-36

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

7.2 <u>Service Descriptions</u> (Cont'd)

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

(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.

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-37 CANCELS 1ST REVISED PAGE 7-37

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

- 7.2 <u>Service Descriptions</u> (Cont'd)
- 7.2.3 <u>Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾</u> (Cont'd)
- 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) <u>Technical Specification Packages</u>

	Packa	qes	WAL -
<u>Parameters</u>	1	2	3
Attenuation Distortion	Х	Х	
Bit error rate			Х
C-Message Noise	Х	Х	
Echo Control	Х	Х	
Envelope Delay Distortion	Х	Х	
Frequency Shift	Х	Х	
Impulse Noise	Х	Х	
Intermodulation Distortion	Х	Х	
Loss Deviation	Х	Х	
Phase Jitter	Х	Х	
Signal-to-C Notch Noise	Х	Х	

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

⁽¹⁾ Effective November 5, 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.

TARIFF F.C.C. NO. 1 3RD REVISED PAGE 7-38 CANCELS 2ND REVISED PAGE 7-38

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

- 7.2 <u>Service Descriptions</u> (Cont'd)
- 7.2.3 <u>Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾</u> (Cont'd)
- 7.2.3.1 WATS Access Line (a.k.a. BellSouth SPA WATS Line) (WAL) Service (Cont'd)
 - (C) <u>The following interfaces are available with WAL (a.k.a. BellSouth SPA WATS Line) Service:</u>

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⁾
 - (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 November 5, 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.

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-39 CANCELS 1ST REVISED PAGE 7-39

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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)
 - (B) Technical Specifications Packages

	Package AP-					
<u>Parameter</u> * Actual Measured Loss	$\frac{1}{x}$	$\frac{2}{x}$	$\frac{3}{x}$	$\frac{4}{x}$		
Amplitude Tracking	Λ	Λ	Λ	Λ		
Crosstalk	Х	Х	Х	Х		
Distortion Tracking						
Gain/Frequency Distortion	Х	Y	Y	Y		
Group Delay	Λ	Λ	Λ	~		
Noise	Х	Х	Х	Х		
Phase Tracking						
Short-Term Gain Stability						
Short-Term Loss						
Total Distortion	Х	Х	Х	Х		

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

(C) <u>Channel Interfaces</u>

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

CI	<u>Bandwidth</u>							
PG-1				50 to 15000 Hz				
PG-3	Nominal	frequency	from	200 to 3500 Hz				
PG-5				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 November 5, 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.

(U) (D) (D) (D)

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-40 CANCELS 1ST REVISED PAGE 7-40

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

7.2 <u>Service Descriptions</u> (Cont'd)

- 7.2.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service⁽¹⁾ (Cont'd)
 - (D) Optional Features and Functions
 - (1) <u>Central Office Bridging Capability</u>

Distribution Amplifier

(2) Gain Conditioning

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

(3) <u>Stereo</u>

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.

	Availab	le with	ո Techi	nical
	<u>Specific</u>	cations	s Packa	<u>age AP-</u>
	<u>1</u>	<u>2</u>	<u>3</u>	4
Central Office Bridging				
Capability	Х	Х	Х	Х
Gain Conditioning	Х	Х	Х	Х
Stereo				Х

⁽¹⁾ Effective November 5, 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.

(C) (C) (D) (D)

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-41 CANCELS 1ST REVISED PAGE 7-41

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

7.2 <u>Service Descriptions</u> (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 <u>Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video)</u> <u>Service⁽¹⁾</u>

(A) <u>Basic Channel Description</u>

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.

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⁽¹⁾ Effective November 5, 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.

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-42 CANCELS 1ST REVISED PAGE 7-42

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

7 - Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

- 7.2.5 <u>Video (a.k.a. BellSouth SPA Video) Services</u> (Cont'd)
- 7.2.5.1 Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Service⁽¹⁾ (Cont'd)
 - (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 November 5, 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.

(D) (D)

(This page filed under Transmittal No. 125)

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-46 CANCELS 1ST REVISED PAGE 7-46

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

- 7.2 <u>Service Descriptions</u> (Cont'd)
- 7.2.5 Video (a.k.a. BellSouth SPA Video) Services (Cont'd)
- 7.2.5.3 <u>Uncompressed Switched Video (a.k.a. BellSouth SPA Uncompressed</u> <u>Switched Video) Service</u> (Cont'd)
 - (A) <u>Basic Description</u> (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 November 5, 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.

(C) (D) (D)

(This page filed under Transmittal No. 125)

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-130 CANCELS 1ST REVISED PAGE 7-130

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

7.4 <u>Rate Regulations</u> (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

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.

(D)

) (D)

TARIFF F.C.C. NO. 1 3RD REVISED PAGE 7-180 CANCELS 2ND REVISED PAGE 7-180

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

7.4 <u>Rate Regulations</u> (Cont'd)

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

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:

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-181 CANCELS 1ST REVISED PAGE 7-181

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

7.4 <u>Rate Regulations</u> (Cont'd)

7.4.20 <u>Voice Grade (a.k.a. BellSouth SPA DSO VG)</u> Service⁽¹⁾ (Cont'd))

- (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 orless, 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.

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-201 CANCELS 1ST REVISED PAGE 7-201

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ACCESS SERVICE

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

7.4 <u>Rates and Regulations</u> (Cont'd)

7.4.29 <u>Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video)</u> <u>Service</u>⁽¹⁾

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:

- 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 November 5, 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.

TARIFF F.C.C. NO. 1 3RD REVISED PAGE 7-202 CANCELS 2ND REVISED PAGE 7-202

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

7.4 <u>Rates and Regulations</u> (Cont'd)

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

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.
- (2) Effective November 5, 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.

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ACCESS SERVICE

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

7.5 <u>Rates and Charges</u> (Cont'd)

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

<u>ALL STATES</u>	Monthly <u>Rate</u>	<u>Nonrecurr</u> First Service <u>Installed</u>	<u>ing Charge</u> Additional Service <u>Installed</u>	<u>USOC</u>
(A) Local Channel - Per Local Channel - Two-Wire - Four-Wire	\$45.00 \$65.00	\$365.00 \$270.00	\$119.49 \$125.19	T6E2X T6E4X
		<u>Per Mont</u> Plan A ⁽²⁾ <u>24-48 Months</u>	<u>th Rates</u> Plan B <u>49-72 Months</u>	<u>USOC</u>
Channel Services Payment Pl - Two-Wire - Four-Wire Area Commitment Plan	an	\$29.00 \$44.00	\$27.50 \$39.15	T6E2X T6E4X
- Two-Wire - Four-Wire		\$29.00 \$44.00	\$27.50 \$39.15	T6E2X T6E4X
	Monthly <u>Rate</u>	Nonrecurr	i <u>ng Charge</u>	<u>USOC</u>
<pre>(B) Interoffice Channel - Fixed - Per Mile</pre>	\$27.00 \$ 1.70	\$110 N/		1L5XX 1L5XX
Channel Services Payment Pl - Fixed	nannel Services Payment Plan		<u>th Rates</u> Plan B <u>49-72 Months</u> \$19.00	<u>USOC</u> 1L5XX
- Per Mile		\$22.00 \$ 1.25	\$ 0.94	1L5XX
Area Commitment Plan - Fixed - Per Mile		\$22.00 \$ 1.25	\$19.00 \$ 0.94	1L5XX 1L5XX
(C) Optional Features and Funct	cions	Monthly <u>Rates</u>	Nonrecurring <u>Charges</u>	<u>USOC</u>
- Bridging - Per Port - Two-Wire - Four-Wire		\$8.00 \$10.00	\$52.00 \$52.00	BCNV2 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.
 ⁽²⁾ Effective November 5, 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.

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BELLSOUTH TELECOMMUNICATIONS 675 W. Peachtree St. NW, Atlanta,	GA 30308	3 2ND REV	F.C.C. NO. ISED PAGE 7 1ST REVISE				
ISSUED: OCTOBER 21, 2016		EFFECTI	VE: NOVEMBE	R 5, 2016			
AC	CESS SER	VICE					
7 - Special Access (a.k	.a. Bell	South SPA)	Service (C	ont'd)			
7.5 <u>Rates and Charges</u> (Cont'd)							
7.5.3 <u>Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (Cont'd)</u>							
<u>ALL S</u>	<u>STATES</u> ((Cont'd)					
(C) Optional Features and Functions (Cont'd)	<u>US0</u>			nrecurring <u>Charges</u>			
<pre>(1) Bridging (Cont'd)</pre>							
(a) <u>Data Bridging</u>							
Two-Wire/Four-Wire - Per Port - Two-Wire - Four-Wire	BCN BCN	ID2 \$15 ID4 \$13		\$52.00 \$52.00			
(b) <u>Telephoto Bridging</u>							
Two-Wire/Four-Wire - Per Port - Two-Wire - Four-Wire	BCN BCN	IF2 \$ 8 IF4 \$10		\$52.00 \$52.00			
		Monthly Rates	<u>Nonrecurr</u> Initial	<u>ing Charges</u> <u>Subsequent</u>			
(2) Conditioning	<u></u>						
- Per Local Channel C - Type Improved Attenuation Distortion Improved Envelope		\$3.00 \$0.00	\$17.41 \$ 0.00	\$110.00 \$186.55			
Delay Distortion With Improved Attenuation Distortion Sealing Current	UHY 1HBPT	\$16.00 \$.95	\$69.05 None	\$186.55 None			

BELLSO	UTH TELECO	MMUN	ICAT	IONS		
675 W.	Peachtree	St.	NW,	Atlanta,	GΑ	30308

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-209 CANCELS 1ST REVISED PAGE 7-209

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

7.5 Rates and Charges (Cont'd)

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

<u>ALL STATES</u> (Cont'd)

(C) Opt and	tional Features d Functions (Cont'd)	<u>USOC</u>	Monthly <u>Rates</u>	<u>Nonrecurri Initial</u>	<u>ng Charges</u> <u>Subsequent</u>
(3)	Echo Control for Effection Two-Wire Service Per Loca Channel - Improved Return Loss At the Two-Wire Point				
	of Termination - ELEPL2	1RL2W	\$ 8.00	\$49.88	\$369.30
	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	ХТСРТ	\$ 4.00	\$ 4.43	\$332.56
(7)	Signaling Capability - Per Local Channel - Loop - Single Frequency - E&M - Ground - Other	XSS++* XSSSF XSS++** XSS++*** XSS++***	\$ 6.00 \$ 7.00 \$15.00 \$ 6.00 \$12.00	\$ 5.43 \$15.00 \$15.00 \$ 5.40 \$ 5.39	\$318.41 \$318.58 \$329.97 \$306.32 \$316.94
* In ** In	lieu of ++ substitute LO lieu of ++ substitute EA,	or LS as a _l EB, EC or	ppropriate. CT as appro	priate.	

*** 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 November 5, 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.

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

7.5 Rates and Charges (Cont'd)

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

<u>ALL STATES</u> (Cont'd)

otional Features d Functions (Cont'd)	<u>USOC</u>	Monthly <u>Rates</u>	<u>Nonrecur</u> Initial	ring Charges Subsequent
Improved Termination - Per Local Channel	UGD	\$6.00	\$4.50	\$319.11
Simplex Reversal - Per Local Channel	UGJ	None	None	None
		<u>USOC</u>	Monthly <u>Rates</u>	Nonrecurring <u>Charges</u>
nual Update NCI Code				
- Per circuit rolled over from 1.544 Mbps to 44.736 Mbps High Capacity Service		RDG	None	\$104.98
	d Functions (Cont'd) Improved Termination - Per Local Channel Simplex Reversal - Per Local Channel nual Update NCI Code - Per circuit rolled over from 1.544 Mbps to 44.736 Mbps High	d Functions (Cont'd) <u>USOC</u> Improved Termination - Per Local Channel UGD Simplex Reversal - Per Local Channel UGJ nual Update NCI Code - Per circuit rolled over from 1.544 Mbps to 44.736 Mbps High	d Functions (Cont'd) <u>USOC</u> <u>Rates</u> Improved Termination - Per Local Channel UGD \$6.00 Simplex Reversal - Per Local Channel UGJ None <u>USOC</u> nual Update NCI Code - Per circuit rolled over from 1.544 Mbps to 44.736 Mbps High	d Functions (Cont'd) <u>USOC</u> <u>Rates</u> <u>Initial</u> Improved Termination - Per Local Channel UGD \$6.00 \$4.50 Simplex Reversal - Per Local Channel UGJ None None <u>USOC</u> <u>Monthly</u> Rates nual Update NCI Code - Per circuit rolled over from 1.544 Mbps to 44.736 Mbps High

(E) Reserved for Future Use

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EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

7.5 Rates and Charges (Cont'd)

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

ALL STATES (Cont'd)

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

(G) Reserved for Future Use

Kings Point, Florida Telephone Company wire centers is no longer available.
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TARIFF F.C.C. NO. 1 3RD REVISED PAGE 7-212 CANCELS 2ND REVISED PAGE 7-212

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EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

7.5 Rates and Charges (Cont'd)

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

	<u>ALL STATES</u> (C	ont'd)	Monthly	Nonnoquaning
		<u>USOC</u>	Monthly <u>Rates</u>	Nonrecurring <u>Charges</u>
(H)	Reserved for Future Use			
(I)	Shared Network Arrangement - Coordination Charge Per Arrangement	NRBSN	None	\$ 0.00
	- Processing Charge Per Service Order	ORC	None	\$ 0.00

(1) Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and

BELLSOUTH TELECOMMUNICATIO 675 W. Peachtree St. NW, A	08 2ND REV	TARIFF F.C.C. NO. 1 B 2ND REVISED PAGE 7-213 CANCELS 1ST REVISED PAGE 7-213			
ISSUED: OCTOBER 21, 2016		EFFECTI	VE: NOVEMBER 5,	2016	
	ACCESS S	ERVICE			
7 - Special Acc	ess (a.k.a. Be	llSouth SPA)	Service (Cont'd)	
7.5 <u>Rates and Charges</u> (Cont	t'd)				
7.5.3 <u>Voice Grade (a.k.a.</u>	BellSouth SPA	<u>DSO VG) Serv</u>	<u>ice⁽¹⁾ (Cont'd)</u>		
7.5.3.1 WATS Access Line (a.k.a. BellSou	th SPA WATS	<u>Line) Service</u>		
ALL STATES		<u>Nonrecu</u> First Service	<u>rring Charge</u> Additional Service		
(A) Local Channel	<u>Monthly Rate</u>	<u>Installed</u>	Installed	<u>USOC</u>	
- Per Local Channel - Two-Wire - Four-Wire	\$50.00 \$70.00	\$345.00 \$375.00	\$121.22 \$127.87	X2L ¹ , X2W X4L ¹ , X4W	
<u>Per Month Rates</u>		CSPP≤	ACP [∠]	<u>USOC</u>	
Plan A (24-48 Months) - Two-Wire - Four-Wire		\$29.00 \$45.00	\$29.00 \$45.00	X2L ¹ , X2W X4L ¹ , X4W	
Plan B (49-72 Months) - Two-Wire - Four-Wire		\$27.50 \$42.50	\$27.50 \$42.50	X2L ¹ , X2W X4L ¹ , X4W	
(B) Interoffice Channel fo Line (a.k.a. BellSout	or WATS Access	Monthly <u>Rates</u>	Nonrecurring <u>Charge</u>	<u>USOC</u>	
Line) Extension - Fixed - Per Mile	II JIA WAIJ	\$35.00 \$2.00	\$89.00 N/A	1LFFX 1LFFX	
	Vintage CSPP [∠]	<u>Per Mon</u>	<u>th Rates</u> ACP [∠]	<u>USOC</u>	
Plan A (24-48 Months) - Fixed - Per Mile	N/A N/A	\$29.00 \$ 1.70	\$29.00 \$ 1.70	1LFFX 1LFFX	
Plan B (49-72 Months) - Fixed - Per Mile	N/A N/A	\$27.40 \$ 1.60	\$27.40 \$ 1.60	1LFFX 1LFFX	
(C) <u>Optional Features and Functions</u>					
(1) Improved two-wire	Voice	Nonrecurring <u>Initial Su</u>	Charges Monthl <u>bsequent</u> <u>Rate</u>	y <u>USOC</u>	
Transmission speci for two-wire WATS	Tications 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 November 5, 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.

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ISSUED: OCTOBER 21, 2016	EFF	ECTIVE: NOVE	MBER 5, 2016	
ACCESS S	ERVICE			
7 - Special Access (a.k.a. Be	llSouth	SPA) Service	e (Cont'd)	
7.5 <u>Rates and Charges</u> (Cont'd)				
7.5.3 <u>Voice Grade (a.k.a. BellSouth SPA DSO VG) Service⁽¹⁾ (</u> Cont'd)				
7.5.3.1 <u>WATS Access Line (a.k.a. BellSou</u>	th SPA W	<u>ATS Line) Se</u>	ervice	
<u>ALL STATES</u> (Cont'd)				
	<u>USOC</u>	Monthly <u>Rates</u>	Nonrecurring <u>Charges</u>	
(C) Optional Features and Functions (C	ont'd)			
(2) WATS Access Line (a.k.a. BellSou Two-Wire/Four-Wire	th SPA W	ATS Line) Br	ridging	
- Per Port - Two-Wire - Four-Wire	BCNV2 BCNV4	\$ 8.00 \$10.00	\$52.00 \$52.00	
(D) Shared Network Arrangement				
	<u>USOC</u>	Monthly <u>Rates</u>	Nonrecurring <u>Charges</u>	
 coordination charge per arrangement processing charge pron sorvice order 	NRBSN ORC	None None	\$ 0.00 \$ 0.00	

per service order

⁽¹⁾ Effective November 5, 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.

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TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-215 CANCELS 1ST REVISED PAGE 7-215

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

7.5 <u>Rates and Charges</u> (Cont'd)

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

7.5.4.1 Monthly Rates and Charges

ALL STATES

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

	<u>USOC</u>	<u>Montl</u> Fixed	<u>nly Rates</u> <u>Per Mile</u>	Nonrecurring <u>Charges</u>
(B) Interoffice Channel				
<pre>(1) 200 to 3500 Hz Mileage Bands 0 Over 0 to 4 Over 4 to 8 Over 8 to 25 Over 25 to 50 Over 50</pre>	1L5XX 1L5XX 1L5XX 1L5XX 1L5XX 1L5XX	None \$18.00 \$18.00 \$18.00 \$18.00 \$18.00	None \$.88 \$.88 \$.88 \$.88 \$.88 \$.88	None \$85.53 \$85.53 \$85.53 \$85.53 \$85.53
(2) 100 to 5000 Hz <u>Mileage Bands</u> 0 Over 0 to 4 Over 4 to 8 Over 8 to 25 Over 25 to 50 Over 50	1L5XX 1L5XX 1L5XX 1L5XX 1L5XX 1L5XX 1L5XX	None \$25.00 \$25.00 \$25.00 \$25.00 \$25.00 \$25.00	None \$.98 \$.98 \$.98 \$.98 \$.98 \$.98 \$.98	None \$93.07 \$93.07 \$93.07 \$93.07 \$93.07 \$93.07

(1) Effective November 5, 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.

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-216 CANCELS 1ST REVISED PAGE 7-216

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

- 7.5 <u>Rates and Charges</u> (Cont'd)
- 7.5.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service⁽¹⁾ (Cont'd)

ALL STATES (Cont'd)

- 7.5.4.1 Monthly Rates and Charges (Cont'd)
 - (B) Interoffice Channel (Cont'd)

(3) 50 to 8000 Hz	<u>USOC</u>	<u>Mont</u> <u>Fixed</u>	<u>hly Rates</u> <u>Per Mi</u>	Nonrecurring
Mileage Bands 0 Over 0 to 4 Over 4 to 8 Over 8 to 25 Over 25 to 50 Over 50	1L5XX 1L5XX 1L5XX 1L5XX 1L5XX 1L5XX	None \$ 36.00 \$ 36.00 \$ 36.00 \$ 36.00 \$ 36.00 \$ 36.00	None \$ 1.96 \$.98 \$.98 \$.98 \$.98 \$.98	e None \$ 98.97 \$ 98.97 \$ 98.97 \$ 98.97 \$ 98.97 \$ 98.97
<pre>(4) 50 to 15000 Hz <u>Mileage Bands</u> 0 0 0ver 0 to 4 0ver 4 to 8 0ver 8 to 25 0ver 25 to 50 0ver 50</pre>	1L5XX 1L5XX 1L5XX 1L5XX 1L5XX 1L5XX	None \$115.00 \$115.00 \$115.00 \$115.00 \$115.00	None \$.98 \$.98 \$.98 \$.98 \$.98 \$.98	None \$151.24 \$151.24 \$151.24 \$151.24 \$151.24 \$151.24
(C) Optional Features and Functions		<u>USOC</u>	Monthly <u>Rates</u>	Nonrecurring <u>Charges</u>
(1) Bridging (Distribu Amplifier) - Per port	tion)	BCNPT	\$ 3.00	\$14.58 onrecurring Charges
(2) Gain Conditioning - Per service		XGC	<u>I</u> 1	Subsequent \$25.15 \$75.36
(3) Stereo - Per service		XSC	None	None None

(1) Effective November 5, 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.

(1) Effective November 5, 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. (This page filed under Transmittal No. 125) All BellSouth marks contained herein and as set forth in the trademarks and service marks section of the BellSouth Tariffs are owned by BellSouth Intellectual Property Corporation. ********

ALL STATES (Cont'd) (D) Manual Update NCI C

	 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) M	lechanized NCI Code Update - Per circuit per tape - Processing charge per tape file run	NRBU1 NRBU2	None None	\$51.96 \$861.46
(F) S	Shared Network Arrangement			
	 Coordination charge per arrangement Processing charge per service order 	NRBSN ORC	None None	\$ 0.00 \$ 0.00

7.5.4.1 Monthly Rates and Charges (Cont'd

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

ACCESS SERVICE

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

ISSUED: OCTOBER 21, 2016

7.5 Rates and Charges (Cont'd)

EFFECTIVE: NOVEMBER 5, 2016

CANCELS 1ST REVISED PAGE 7-217

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-217

(C) (C) (D) (D) (D)

<u>ALL STA</u>	<u>ES</u> (Cont'd)		
Code olled	<u>USOC</u>	Monthly <u>Rates</u>	Nonrecurring <u>Charges</u>
44 Mbps s High ice outh			
city)	RDG	None	\$104.98
e Update er tape	NRBU1	None	\$51.96
arge run	NRBU2	None	\$861.46
angement			
charge nt	NRBSN	None	\$ 0.00

EFFECTIVE: NOVEMBER 5, 2016

First

Additional

ACCESS SERVICE

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

7.5 <u>Rates and Charges</u> (Cont'd)

ISSUED: OCTOBER 21, 2016

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

ALL STATES

7.5.4.2 Daily Rates and Charges

Nonrecurring Charges

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

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

(1) Effective November 5, 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.

TARIFF F.C.C. NO. 1 3RD REVISED PAGE 7-218 CANCELS 2ND REVISED PAGE 7-218

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-219 CANCELS 1ST REVISED PAGE 7-219

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

7.5 <u>Rates and Charges</u> (Cont'd)

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

7.5.4.2 Daily Rates and Charges (Cont'd)

	<u>ALL STA</u>	A <u>TES</u> (Cont'd) Daily	Nonrecurring	
	<u>USOC</u>	Fixed	Per Mile	<u>Charges</u>
(B) Interoffice Channel (C	ont'd)			
<pre>(3) 50 to 8000 Hz Mileage Bands 0 0ver 0 to 4 0ver 4 to 8 0ver 4 to 25 0ver 25 to 50 0ver 50</pre>	1L5XX 1L5XX 1L5XX 1L5XX 1L5XX 1L5XX	None \$ 1.35 \$ 1.67 \$ 2.02 \$ 2.33 \$ 2.66	None \$.46 \$.46 \$.46 \$.46 \$.46	None \$ 99.77 \$ 99.77 \$ 99.77 \$ 99.77 \$ 99.77
<pre>(4) 50 to 15000 Hz Mileage Bands 0 0ver 0 to 4 0ver 4 to 8 0ver 8 to 25 0ver 25 to 50 0ver 50</pre>	1L5XX 1L5XX 1L5XX 1L5XX 1L5XX 1L5XX	None \$ 4.25 \$ 5.54 \$ 6.85 \$ 8.12 \$ 9.42	None \$1.22 \$1.22 \$1.22 \$1.22 \$1.22 \$1.22	None \$155.03 \$155.03 \$155.03 \$155.03 \$155.03
(C) Optional Features and Functions	<u>USOC</u>	Daily* <u>Rates</u>		Nonrecurring <u>Charges</u>
(1) Bridging (Distribut Amplifier) - Per port	ion BCNP	T \$1.39		\$16.05

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

⁽¹⁾ Effective November 5, 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.

BELLSOUTH TELECOMMUNICATIONS 675 W. Peachtree St. NW, Atla	nta, GA 30)308 2ND RI	F F.C.C. NO. EVISED PAGE LS 1ST REVIS		
ISSUED: OCTOBER 21, 2016		EFFEC	TIVE: NOVEMB	ER 5, 2016	
ACCESS SERVICE					
7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)					
7.5 <u>Rates and Charges</u> (Cont'd)				
7.5.4 <u>Program Audio (a.k.a. B</u>	ellSouth S	SPA Program /	<u>Audio) Servi</u>	<u>ce⁽¹⁾ (Cont'd)</u>	
7.5.4.2 Daily Rates and Charg	<u>es</u> (Cont'o	1)			
	ALL STATE	<u>S</u> (Cont'd)			
(C) Optional Features and Functions (Cont'd)	USOC	Daily* <u>Rates</u>	<u>Nonrecur</u> Initial	<u>ring Charges</u> <u>Subsequent</u>	
(2) Gain Conditioning - Per service	XGC	None	\$25.15	\$75.36	
(3) Stereo - Per service	XSC	None	None	None	
	<u>USOC</u>	Monthly <u>Rates</u>	N	onrecurring <u>Charges</u>	
(D) Shared Network Arrangement - Coordination charge					
per arrangement - Processing charge	NRBSN	None		\$ 0.00	
per service order	ORC	None		\$ 0.00	

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

(1) Effective November 5, 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.

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TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-221 CANCELS 1ST REVISED PAGE 7-221

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

7.5 <u>Rates and Charges</u> (Cont'd)

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

7.5.5.1 <u>Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video)</u> <u>Service</u>⁽¹⁾

7.5.5.1.1 Rates and Charges

ALL STATES

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

(1) Effective November 5, 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.

(This page filed under Transmittal No. 125)

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 7-222 CANCELS 1ST REVISED PAGE 7-222

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

7.5 <u>Rates and Charges</u> (Cont'd)

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

7.5.5.1 <u>Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video)</u> <u>Service</u>⁽¹⁾ (Cont'd)

7.5.5.1.1 Monthly Rates and Charges (Cont'd)

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

(1) Effective November 5, 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.

(C) (D) (D)

(This page filed under Transmittal No. 125)

TARIFF F.C.C. NO. 1 12TH REVISED PAGE 23-4 CANCELS 11TH REVISED PAGE 23-4

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

23.3 <u>Services Available in an MSA</u>

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

BellSouth SWA Dedicated Transport Services

- BellSouth SWA VG
- BellSouth SWA DSO
- 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

<u>Special Access (a.k.a. BellSouth SPA) Services⁽¹⁾</u>

- 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 DSO 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⁾

- ⁽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 November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG), Program Audio (a.k.a. BellSouth SPA Program (C) 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.

(C) (D) (D)

(This page filed under Transmittal No. 125)

TARIFF F.C.C. NO. 1 6TH REVISED PAGE 23-151 CANCELS 5TH REVISED PAGE 23-151

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

23.5 <u>Rates and Charges</u> (Cont'd)

23.5.2 BellSouth SPA Service (Cont'd)

23.5.2.3 <u>Voice Grade (a.k.a. BellSouth SPA DSO VG) Service</u>⁽¹⁾⁽³⁾

(A) Local Channel
 - Per Local Channel

ALL STATES

	<u>Nonrecurri</u> First Service <u>Installed</u>	<u>ng Charges</u> Additiona Service <u>Installed</u>	to	nth D <u>nth</u>	Plan A ⁽²⁾ (24-48 Mo _Mo. Rate		Plan B ⁽²⁾ (49-72 Mos. <u>Mo. Rates</u> l) <u>JSOC</u>
Voice Grade - Two-Wire - Four-Wire	(a.k.a. Bel \$365.00 \$270.00	lSouth SPA \$119.49 \$125.19	DSO \$45 \$65	.00	\$29.00 \$44.00		\$27.50 \$40.00	T6E2X T6E4X
(B) Intero	office Chanr	el						
	Nonrecurr <u>Charges</u>		Mon to <u>Mon</u>		Plan A ⁽²⁾ (24-48 Mo <u>Mo. Rate</u>		Plan B ⁽²⁾ (49-72 Mos. <u>Mo. Rates</u>) <u>USOC</u>
Voice Grade - Fixed - Per Mile	(a.k.a. Bel \$110.00 N/A	lSouth SPA	DSO \ \$27.0 \$ 2.0	D0	\$22.00 \$ 1.45		\$19.00 \$ 1.10	1L5XX 1L5XX
(C) Option and Fu	nal Features unctions	i			curring		thly tes	<u>USOC</u>
Two -Pe -Tv	dging -Wire/Four-N r Port wo-Wire	lire		\$52	.00	\$8	.00	BCNV2
-F0	our-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.

 $^{\scriptscriptstyle (2)}$ Channel Services Payment Plan and Area Commitment Plan rates.

(3) Effective November 5, 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.

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BELLSOUTH TELECOMMUNICATIONS 675 W. Peachtree St. NW, Atlanta,	GA 30308	3 2ND	IFF F.C.C. NO REVISED PAGE CELS 1ST REVIS	. 1 23-152 SED PAGE 23-152
ISSUED: OCTOBER 21, 2016	CESS SER		ECTIVE: NOVEM	BER 5, 2016
23 - Metropolitan Stati	stical A	rea Acc	ess Services	(Cont'd)
23.5 <u>Rates and Charges</u> (Cont'd)				
23.5.2 <u>BellSouth SPA Service</u> (Cont'd)				
23.5.2.3 <u>Voice Grade (a.k.a. Bell</u>	<u>South SF</u>	<u>PA DSO V</u>	<u>/G) Service⁽¹⁾</u>	(Cont'd)
<u>ALL S</u>	STATES (Cont'd)		
(C) Optional Features and Functions (Cont'd)	<u>USC</u>	<u>)C</u>	Monthly I <u>Rates</u>	Nonrecurring <u>Charges</u>
Bridging (Cont'd)				
(a) <u>Data Bridging</u>				
Two-Wire/Four-Wire - Per Port - Two-Wire - Four-Wire	BCN BCN		\$15.00 \$13.00	\$52.00 \$52.00
(b) <u>Telephoto Bridging</u>				
Two-Wire/Four-Wire - Per Port - Two-Wire - Four-Wire	BCN BCN		\$ 8.00 \$10.00	\$52.00 \$52.00
	<u>USOC</u>	Monthly <u>Rates</u>		rring Charges Subsequent
(2) Conditioning				
- Per Local Channel C - Type Improved Attenuation Distortion Improved Envelope Delay Distortion With Improved Attenuation	X1CPT UHW	\$3.00 \$0.00	\$17.41 \$ 0.00	\$110.00 \$186.55
Distortion Sealing Current	UHY 1HBPT	\$16.00 \$.95	\$69.05 None	\$186.55 None

⁽¹⁾ Effective November 5, 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.

	H TELECOMMUNICATIONS eachtree St. NW, Atlanta,	GA 30308		D PAGE 23-1	153 PAGE 23-153
ISSUED:	OCTOBER 21, 2016 A	CCESS SERV		NOVEMBER	5, 2016
	22 Matuanalitan Stat	ictical Am		nuicos (Con)+ I d)
22 E Da	23 - Metropolitan Statistical Area Access Services (Cont'd) 23.5 <u>Rates and Charges</u> (Cont'd)				
	<u> </u>	(+ ' d			
	ellSouth SPA Service (Con	-		(1)	+ d)
23.5.2.3	<u>Voice Grade (a.k.a. Bel</u>			<u>vice</u> `´(lon	τ'α)
		<u>STATES</u> (Co	-		
(C) Op an	tional Features d Functions (Cont'd)	<u>USOC</u>	Monthly <u>Rates</u>	<u>Nonrecurr Initial</u>	<u>ing Charges</u> <u>Subsequent</u>
(3)	Echo Control for Effecti Two-Wire Service Per Loc Channel - Improved Return Loss				
	At the Two-Wire Point of Termination - ELEPL2 At the Four-Wire	1RL2W	\$ 8.00	\$49.88	\$369.30
	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	ХТСРТ	\$ 4.00	\$ 4.43	\$332.56
(7)	Signaling Capability - Per Local Channel - Loop - Single Frequency - E&M - Ground - Other	XSS++* XSSSF XSS++** XSS++*** XSS++***	\$ 6.00 \$ 7.00 \$15.00 \$ 6.00 \$12.00	\$ 5.43 \$15.00 \$15.00 \$ 5.40 \$ 5.39	\$318.41 \$318.58 \$329.97 \$306.32 \$316.94
* In ** In *** In	lieu of ++ substitute LO lieu of ++ substitute EA, lieu of ++ substitute GO	or LS as a EB, EC or or GS as a	ppropriate. CT as appro	opriate.	

*** 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 November 5, 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.

TARIFF F.C.C. NO. 1 3RD REVISED PAGE 23-154 CANCELS 2ND REVISED PAGE 23-154

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 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)

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

ALL STATES (Cont'd)

	otional Features d Functions (Cont'd)	<u>USOC</u>	Monthly <u>Rates</u>	<u>Nonrecur</u> Initial	<u>ring Charges</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>	Monthly <u>Rates</u>	Nonrecurring <u>Charges</u>
(D) Ma	nual Update NCI Code				
	- Per circuit rolled over from 1.544 Mbps to 44.736 Mbps High Capacity Service		RDG	None	\$104.98
(E) Re	served for Future Use				

⁽¹⁾ Effective November 5, 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. ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 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)

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

ALL STATES (Cont'd)

<u>USOC</u>	Monthly <u>Rates</u>	Nonrecurring <u>Charges</u>
NRBU1	None	\$ 51.96
NRBU2	None	\$861.46
	NRBU1	<u>USOC Rates</u> NRBU1 None

(G) Reserved for Future Use

(1) Effective November 5, 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.

BELLSOUTH TELECOMMUNICATIONS 675 W. Peachtree St. NW, Atlanta, GA 30308	3RD RE\	F.C.C. NO /ISED PAGE S 2ND REVIS		
ISSUED: OCTOBER 21, 2016	EFFECT	IVE: NOVEM	BER 5, 2016	
ACCESS SERVICE				
23 - Metropolitan Statistical Ar	ea Access	Services	(Cont'd)	
23.5 <u>Rates and Charges</u> (Cont'd)				
23.5.2 <u>BellSouth SPA Service</u> (Cont'd)				
23.5.2.3 <u>Voice Grade (a.k.a. BellSouth SPA</u>	DSO VG)	Service ⁽¹⁾	(Cont'd)	
<u>ALL STATES</u> (Co	ont'd)	Maurith 1	M	
	<u>USOC</u>	Monthly <u>Rates</u>	Nonrecurring <u>Charges</u>	
(H) Reserved for Future Use				
 (I) Shared Network Arrangement Coordination Charge Per Arrangement 	NRBSN	None	\$ 0.00	
- Processing Charge Per Service Order	ORC	None	\$ 0.00	

(1) Effective November 5, 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.

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BELLSOUTH TELECOMMUNICATIONS 675 W. Peachtree St. NW, Atlanta, GA 30308	TARIFF F.C.C. NO. 1 2ND REVISED PAGE 23-157 CANCELS 1ST REVISED PAGE 23-157
ISSUED: OCTOBER 21, 2016	EFFECTIVE: NOVEMBER 5, 2016
ACCESS SERVI	CE
23 - Metropolitan Statistical Area	a Access Services (Cont'd)
23.5 Rates and Charges (Cont'd)	
23.5.2 <u>BellSouth SPA Service</u> (Cont'd)	
23.5.2.3 Voice Grade (a.k.a. BellSouth SPA	<u>DSO VG) Service⁽¹⁾ (Cont'd)</u>
23.5.2.3.1 WATS Access Line (a.k.a. BellSout	<u>h SPA WATS Line) Service</u>
ALL STATES	
(A) Local Channel -Per Local Channel	
<u>Nonrecurring Charges</u> First Additional Month Service Service to <u>Installed Installed</u> <u>Month</u>	Plan A ¹ Plan B ¹ (24-48 Mos.) (49-72 Mos.) <u>Mo. Rates Mo. Rates USOC</u>
Voice Grade (a.k.a. BellSouth SPA DSO VG) -Two-Wire \$345.00 \$121.22 \$50.00 -Four-Wire \$375.00 \$127.87 \$70.00	\$29.00 \$27.50 X2L ² ,X2W \$45.00 \$42.50 X4L ² ,X4W

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

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

(C) Optional Features and Functions

	<u>Nonrecuri Initial</u>	<u>ring Charges</u> Subsequent	Monthly Rate	<u>US0C</u>
<pre>(1) Improved two-wi Voice Transmiss specifications two-wire WATS A Line</pre>	for	\$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 November 5, 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.

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BELLSOUTH TELECOMMUNICATIONS 675 W. Peachtree St. NW, Atlanta, GA 303 ISSUED: OCTOBER 21, 2016 ACCESS S	808 2NI CAI EF	RIFF F.C.C. N D REVISED PAG NCELS 1ST REV FECTIVE: NOVE	E 23-158 ISED PAGE 23-158	
23 - Metropolitan Statistical Area Access Services (Cont'd)				
	Area Ac	cless services		
23.5 <u>Rates and Charges</u> (Cont'd)				
23.5.2 <u>BellSouth SPA Service</u> (Cont'd)				
23.5.2.3 Voice Grade (a.k.a. BellSouth	SPA DSO	VG) Service) (Cont'd)	
23.5.2.3.1 WATS Access Line (a.k.a. Bell	South S	<u>PA WATS Line)</u>	<u>Service</u>	
ALL STATES	(Cont'd	1)		
	<u>USOC</u>	Monthly <u>Rates</u>	Nonrecurring <u>Charges</u>	
(C) Optional Features and Functions (C	Cont'd)			
(2) WATS Access Line (a.k.a. BellSou	ith SPA I	WATS Line) Br	idging	
Two-Wire/Four-Wire - Per Port				
- Two-Wire - Four-Wire	BCNV2 BCNV4	\$ 8.00 \$10.00	\$52.00 \$52.00	
(D) Shared Network Arrangement				
	<u>USOC</u>	Monthly <u>Rates</u>	Nonrecurring <u>Charges</u>	
- Coordination charge per arrangement	NRBSN	None	\$ 0.00	
 Processing charge per service order 	ORC	None	\$ 0.00	

(1) Effective November 5, 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.

(This page filed under Transmittal No. 125)

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TARIFF F.C.C. NO. 1 3RD REVISED PAGE 23-159 CANCELS 2ND REVISED PAGE 23-159

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

- 23.5 <u>Rates and Charges</u> (Cont'd)
- 23.5.2 <u>BellSouth SPA Service</u> (Cont'd)
- 23.5.2.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service⁽¹⁾
- 23.5.2.4.1 Monthly Rates and Charges

<u>ALL STATES</u>

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

	<u>USOC</u>	<u>Montl</u> <u>Fixed</u>	<u>hly Rates</u> <u>Per Mile</u>	Nonrecurring <u>Charges</u>
(B) Interoffice Channel				
(1) 200 to 3500 Hz <u>Mileage Bands</u> 0 Over 0 to 4 Over 4 to 8 Over 8 to 25 Over 25 to 50 Over 50	1L5XX 1L5XX 1L5XX 1L5XX 1L5XX 1L5XX	None \$20.70 \$20.70 \$20.70 \$20.70 \$20.70	None \$1.04 \$1.04 \$1.04 \$1.04 \$1.04	None \$85.53 \$85.53 \$85.53 \$85.53 \$85.53
(2) 100 to 5000 Hz <u>Mileage Bands</u> 0 0ver 0 to 4 0ver 4 to 8 0ver 8 to 25 0ver 25 to 50 0ver 50	1L5XX 1L5XX 1L5XX 1L5XX 1L5XX 1L5XX 1L5XX	None \$28.75 \$28.75 \$28.75 \$28.75 \$28.75 \$28.75	None \$1.15 \$1.15 \$1.15 \$1.15 \$1.15 \$1.15	None \$93.07 \$93.07 \$93.07 \$93.07 \$93.07

(1) Effective November 5, 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.

TARIFF F.C.C. NO. 1 3RD REVISED PAGE 23-160 CANCELS 2ND REVISED PAGE 23-160

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

- 23.5 <u>Rates and Charges</u> (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)
- 23.5.2.4.1 Monthly Rates and Charges (Cont'd)
 - (B) Interoffice Channel (Cont'd)

ALL STATES (Cont'd)

(3) 50_to 8000 Hz	<u>USOC</u>	<u>Mont</u> <u>Fixed</u>	<u>hly Rates</u> <u>Per I</u>		nrecurring <u>Charges</u>
<u>Mileage Bands</u> O Over 0 to 4 Over 4 to 8 Over 8 to 25 Over 25 to 50 Over 50	1L5XX 1L5XX 1L5XX 1L5XX 1L5XX 1L5XX 1L5XX	None \$ 41.40 \$ 41.40 \$ 41.40 \$ 41.40 \$ 41.40 \$ 41.40	\$ 2. \$ 1.	15 15 15	None \$ 98.97 \$ 98.97 \$ 98.97 \$ 98.97 \$ 98.97 \$ 98.97
(4) 50 to 15000 Hz <u>Mileage Bands</u> 0 Over 0 to 4 Over 4 to 8 Over 8 to 25 Over 25 to 50 Over 50	1L5XX 1L5XX 1L5XX 1L5XX 1L5XX 1L5XX 1L5XX	None \$132.25 \$132.25 \$132.25 \$132.25 \$132.25 \$132.25	\$ 1. \$ 1.		None \$151.24 \$151.24 \$151.24 \$151.24 \$151.24 \$151.24
(C) Optional Features and Functions		<u>USOC</u>	Monthly <u>Rates</u>		Nonrecurring <u>Charges</u>
(1) Bridging (Distrib Amplifier) - Per port	oution)	BCNPT	\$ 3.45		\$14.58
(2) Gain Conditioning	1			<u>Nonrecur</u> Initial	ring Charges Subsequent
- Per service	J	XGC	None	\$25.15	\$75.36
(3) Stereo - Per service		XSC	None	None	None

(1) Effective November 5, 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.

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 23-161 CANCELS 1ST REVISED PAGE 23-161

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

- 23.5 <u>Rates and Charges</u> (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)
- 23.5.2.4.1 Monthly Rates and Charges (Cont'd

ALL STATES (Cont'd)

(D) Manual Update NCI Code - Per circuit rolled over from 1.544 Mbps to 44.736 Mbps High Capacity Service	<u>USOC</u>	Monthly <u>Rates</u>	Nonrecurring <u>Charges</u>
(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 	NRBSN	None	\$ 0.00
 Processing charge per service order 	ORC	None	\$ 0.00

(1) Effective November 5, 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.

(C) (C) (D) (D) (D)

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TARIFF F.C.C. NO. 1 2ND REVISED PAGE 23-162 CANCELS 1ST REVISED PAGE 23-162

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

- 23.5 <u>Rates and Charges</u> (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)

23.5.2.4.2 Daily Rates and Charges

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

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

(1) Effective November 5, 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.

(C) (C) (D) (D) (D)

TARIFF F.C.C. NO. 1 2ND REVISED PAGE 23-163 CANCELS 1ST REVISED PAGE 23-163

ISSUED: OCTOBER 21, 2016

EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

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

- 23.5 <u>Rates and Charges</u> (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)

23.5.2.4.2 Daily Rates and Charges (Cont'd)

<u>ALL STATES</u> (Cont'd) Daily Rates*					Nonrecurring
		<u>US0C</u>	<u>Fixed</u>	Per Mile	<u>Charges</u>
(B) In	teroffice Channel (C	ont'd)			
(3)	50 to 8000 Hz Mileage Bands 0 Over 0 to 4 Over 4 to 8 Over 8 to 25 Over 25 to 50 Over 50	1L5XX 1L5XX 1L5XX 1L5XX 1L5XX 1L5XX	None \$ 1.35 \$ 1.67 \$ 2.02 \$ 2.33 \$ 2.66	None \$.46 \$.46 \$.46 \$.46 \$.46	None \$ 99.77 \$ 99.77 \$ 99.77 \$ 99.77 \$ 99.77
(4)	50 to 15000 Hz Mileage Bands 0 Over 0 to 4 Over 4 to 8 Over 8 to 25 Over 25 to 50 Over 50	1L5XX 1L5XX 1L5XX 1L5XX 1L5XX 1L5XX	None \$ 4.25 \$ 5.54 \$ 6.85 \$ 8.12 \$ 9.42	None \$1.22 \$1.22 \$1.22 \$1.22 \$1.22 \$1.22	None \$155.03 \$155.03 \$155.03 \$155.03 \$155.03
	tional Features d Functions	<u>USOC</u>	Daily* <u>Rates</u>		Nonrecurring <u>Charges</u>
(1)	Bridging (Distribut Amplifier) - Per port	ion BCNP	PT \$1.39		\$16.05

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

(1) Effective November 5, 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.

BELLSOUTH TELECOMMUNICATIONS 675 W. Peachtree St. NW, Atlan	ELECOMMUNICATIONS htree St. NW, Atlanta, GA 30308			TARIFF F.C.C. NO. 1 2ND REVISED PAGE 23-164 CANCELS 1ST REVISED PAGE 23-164		
ISSUED: OCTOBER 21, 2016		EFFEC	TIVE: NOVEMB	ER 5, 2016		
	ACCESS	SERVICE				
23 - Metropolitan S	tatistica	1 Area Acces	s Services	(Cont'd)		
23.5 <u>Rates and Charges</u> (Cont'd)						
23.5.2 <u>BellSouth SPA Service</u> (Cont'd)						
23.5.2.4 <u>Program Audio (a.k.a. BellSouth SPA Program Audio) Service⁽¹⁾ (Cont'd)</u>						
23.5.2.4.2 Daily Rates and Cha	<u>rges</u> (Cor	nt'd)				
<u>ALL STATES</u> (Cont'd)						
(C) Optional Features and Functions (Cont'd)	USOC	Daily* <u>Rates</u>	<u>Nonrecur</u> Initial	<u>ring Charges</u> <u>Subsequent</u>		
<pre>(2) Gain Conditioning</pre>	XGC	None	\$25.15	\$75.36		
(3) Stereo - Per service	XSC	None	None	None		
	<u>USOC</u>	Monthly <u>Rates</u>	N	onrecurring <u>Charges</u>		
(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 November 5, 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.

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TARIFF F.C.C. NO. 1 2ND REVISED PAGE 23-165 CANCELS 1ST REVISED PAGE 23-165

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EFFECTIVE: NOVEMBER 5, 2016

ACCESS SERVICE

ALL STATES

23 - Metropolitan Statistical Area Access Services

- 23.5 <u>Rates and Charges</u> (Cont'd)
- 23.5.2 <u>BellSouth SPA Service</u> (Cont'd)
- 23.5.2.5 <u>Video (a.k.a. BellSouth SPA Video) Services</u>
- 23.5.2.5.1 <u>Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast</u> <u>Quality Video) Service</u>⁽¹⁾

23.5.2.5.1.1 <u>Rates and Charges</u>

----- Recurring Charges -----_ _ _ _ _ _ Month Plan A Plan B Plan C Nonre-24-48 49-72 73-96 То curring <u>US0C</u> <u>Month</u> <u>Months</u> <u>Months</u> <u>Months</u> <u>Charges</u> (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 \$ 44.20 \$ 41.60 thereof NA \$ 52.00 \$ 46.80 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 November 5, 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.

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