

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: Investigation into Pricing)
Unbundled Network Elements, Phase II)
)

Docket 990649-TP

ADDITIONAL DIRECT TESTIMONY OF

DENNIS B. TRIMBLE

On Behalf of

GTE FLORIDA INCORPORATED

SUBJECT: POLICY

JUNE 30, 2000

DOCUMENT NUMBER-DATE

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FPSC-RECORDS/REPORTING

1 **GTE FLORIDA**

2 **ADDITIONAL DIRECT TESTIMONY OF DENNIS B. TRIMBLE**

3 **DOCKET NO. 990649-TP**

4

5 **Q. PLEASE STATE YOUR NAME, POSITION, AND BUSINESS**
6 **ADDRESS.**

7 A. My name is Dennis B. Trimble and I am the Assistant Vice President -
8 Pricing Strategy for GTE Service Corporation. My business address
9 is 600 Hidden Ridge Drive, Irving, Texas.

10

11 **Q. ARE YOU THE SAME DENNIS TRIMBLE WHO FILED DIRECT**
12 **TESTIMONY IN THIS DOCKET ON MAY 1, 2000?**

13 A. Yes.

14

15 **Q. WHAT IS THE PURPOSE OF YOUR ADDITIONAL DIRECT**
16 **TESTIMONY?**

17 A. The purpose of this testimony is to submit GTE Florida Incorporated's
18 ("GTE") proposed non-recurring charges (NRCs) and monthly
19 recurring charges (MRCs) for: (a) dark fiber loops, (b) dark fiber
20 transport, and (c) subloop elements, which were requested in the
21 Commission's Issue 9(a). I will provide GTE's proposed rates for
22 unbundled network platforms (UNE-Ps) and enhanced extended links
23 (EELs) as requested by the Commission's Issue 12. In addition, I will
24 provide GTE's proposed rate for access and use of Intra-Building
25 Riser Cable.

1 (Note: Exhibits DBT-1 through DBT-4 were previously filed on May 1,
2 2000, with my direct testimony.)

3

4

ISSUE 9(A)(10) – DARK FIBER LOOP

5

Q. PLEASE DESCRIBE HOW GTE DEFINES DARK FIBER LOOPS.

6

A. From GTE's perspective, dark fiber loops are defined as currently
7 deployed, unused fiber strands through which no light is transmitted
8 or installed fiber optic cable that is not carrying a signal. The
9 alternative local exchange carrier ("ALEC") buying the dark fiber is
10 expected to put its own electronics and signals on the fiber to make
11 it "lit." Spare wavelengths on a fiber, which may result from the use
12 of wave division multiplexing (WDM) or dense wave division
13 multiplexing (DWDM) equipment, are not considered spare dark fiber.

14

15

Although GTE does not agree with the FCC's ruling that dark fiber
16 satisfies the "necessary and impair" standards required to be deemed
17 a UNE, GTE recognizes that the FCC's rules are currently binding
18 upon state commissions and GTE will abide by the FCC's guidelines.

19

20

ALEC access to GTE's dark fiber will only be allowed at a fiber patch
21 panel. Patch panels are usually found at the customer's premises,
22 GTE's central office, and potentially at a remote hut or a digital loop
23 carrier location. Access to dark fiber will not be allowed at the various
24 fiber splice points that may exist in GTE's network.

25

1 **Q. HOW WILL ALECs BE ABLE TO DETERMINE IF DARK FIBER IS**
2 **AVAILABLE ON A SPECIFIC ROUTE?**

3 A. A pre-ordering process has been established to allow ALECs to
4 determine if dark fiber is available on a specific route as well as the
5 physical parameters of the given dark fiber facility. This process will
6 be initiated upon receipt of an access service request (“ASR”) service
7 inquiry request from an ALEC. The charge for this preordering activity
8 is based solely on its cost and is listed on page 1 of Exhibit DBT-6 as
9 “Advanced – Service Inquiry Charge” in the “Unbundled Dark Fiber”
10 section of the exhibit.

11

12 **Q. WHAT IS GTE’S PROPOSED MRC FOR AN UNBUNDLED DARK**
13 **FIBER LOOP?**

14 A. As depicted on page 3 of Exhibit DBT-5, GTE’s proposed rate is
15 \$68.50 per fiber optic strand. In addition, Exhibit DBT-5 provides
16 MRCs for dark fiber sub-loop elements. The fixed-allocation pricing
17 computations that derive this rate are also depicted in Exhibit DBT-5.

18

19 **Q. WHAT NRCS ARE ASSOCIATED WITH DARK FIBER LOOPS?**

20 A. GTE’s proposed non-recurring cost-derived charges for ordering and
21 provisioning of dark fiber loops can be found in Exhibit DBT-6 in the
22 “Unbundled Dark Fiber” section of the exhibit.

23

24

25

1 **Q. WILL GTE IMPOSE ANY RESTRICTIONS ON THE AMOUNT OF**
2 **DARK FIBER ANY ALEC MAY PURCHASE ON ANY GIVEN**
3 **ROUTE?**

4 A. Yes. The FCC, in its Third Report and Order ("Remand Order"),
5 identified various guidelines for limiting the availability of dark fiber to
6 help address the legitimate concerns of GTE and other ILECs (see
7 paragraphs 199 and 352 as well as footnote 694 of the FCC's
8 Remand Order). The limiting guidelines I am presenting below are
9 consistent with those discussed by the FCC.

10

11 Because GTE has an obligation to provide service as a carrier of last
12 resort ("COLR"), it is concerned about ensuring that sufficient network
13 transmission capacity exists to meet its service commitments.
14 Requiring incumbent LECs to make their reserve capacity available
15 to new entrants discourages otherwise efficient investment. The
16 Company will implement several reasonable limitations on dark fiber
17 to ensure that it can meet its COLR obligations, as well as enable
18 maintenance and restoration activities. First, GTE will forbid any
19 single ALEC, in any two-year period, from leasing more than 25
20 percent of the available dark fiber in a given segment of the network.
21 This 25 percent rule will assure that no one ALEC is allowed to hoard
22 fiber strands and will also assure that some level of dark fiber remains
23 available to handle GTE's requirements for potential emergency
24 restoration, maintenance, and/or carrier of last resort obligations.
25 Second, GTE reserves the right to revoke leased fiber from ALECs

1 with 12 months notice (upon establishing a sufficient need to the
2 satisfaction of the Commission) and also reserves the right to take
3 back underused (less than OC-12) fiber. Moreover, GTE reserves the
4 right to petition to the Commission, in accord with paragraph 352 of
5 the FCC Remand Order, to keep additional dark fiber as
6 circumstances warrant.

7

8 **ISSUE 9(A)(17) – DARK FIBER INTEROFFICE FACILITIES**

9 **Q. HOW DOES GTE DEFINE DARK FIBER INTEROFFICE FACILITIES**
10 **(IOF)?**

11 A. Dark fiber IOF is defined by GTE as any unused fiber stands that exist
12 between a fiber patch panel located within one GTE central office and
13 a fiber patch panel in the next GTE central office through which the
14 fiber is routed.

15

16 **Q. DO THE ALEC-PURCHASING RULES YOU JUST DESCRIBED**
17 **FOR DARK FIBER LOOPS ALSO APPLY TO DARK FIBER IOF?**

18 A. Yes, the 25 percent rule, as well as rules concerning acceptable
19 points of access apply equally to dark fiber IOF as well as dark fiber
20 loops.

21

22 **Q. WHAT TELRIC-BASED RATES DOES GTE PROPOSE FOR DARK**
23 **FIBER IOF?**

24 A. The proposed MRC rates are based on a “per termination” and “per
25 airline mile” rate structure and are depicted in Exhibit DBT-5.

1 Likewise, the associated NRCs for ordering and provisioning are
2 depicted in Exhibit DBT-6 in the “Unbundled Dark Fiber” section of the
3 exhibit.

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ISSUE 9(A)(11) – SUBLOOP ELEMENTS

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Q. FOR WHAT SUBLOOP ELEMENTS IS GTE PROPOSING PRICES?

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A. GTE is proposing rates for three separate subloop elements for both
8 2-wire and 4-wire UNE loops: (1) feeder, (2) distribution, and (3) drop.

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Q. HOW DO ALECs GAIN ACCESS TO SUBLOOP FACILITIES?

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A. Like dark fiber, the existence of and ability to access subloop
21 elements is very customer-specific and must be evaluated on a case-

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23

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25

by-case basis. Access to subloop elements may occur at a MDF, a
cross-connect box or DLC, or at the terminal serving the customer’s
premise. In all cases, the requesting ALEC must first collocate at the
point (or points) where access to the subloop is requested or establish

1 a point of connection (POC) at those points. As a note, a POC is like
2 a meet-point arrangement in that it is a physical interface that
3 establishes the point at which the ILEC's facilities will be connected
4 with the ALEC's facilities. In order to establish a POC at the
5 requested interface location, the ALEC must first submit a Collocation
6 Request to their appropriate GTE account management team. The
7 collocation request process will determine the technical feasibility of
8 the ALEC's unbundled subloop request, any labor and/or capital
9 costs for which the ALEC is responsible, and the proposed
10 provisioning time frames to facilitate the creation of a POC with the
11 ALEC.

12

13 **Q. WHAT RATES IS GTE PROPOSING FOR UNE SUBLOOP**
14 **ELEMENTS?**

15 A. GTE's proposed TELRIC-derived, deaveraged MRC rates are
16 depicted in Exhibit DBT-5, while the appropriate ordering and
17 provisioning NRCs are contained in Exhibit DBT-6.

18

19 **Q. IS GTE PROPOSING RATES FOR ANY OTHER SUBLOOP-LIKE**
20 **UNES?**

21 A. Yes, GTE is introducing another UNE, specifically Intra-Building Riser
22 Cable, which is a form of inside wire that is owned by GTE. As I
23 stated in my Direct Testimony, the existence of any GTE owned riser
24 cable must be determined on a case by case basis. If GTE owned
25 riser cable is part of the facilities serving a given customer, then

1 GTE's proposes to charge an MRC per pair of wires for recovery of
2 GTE's costs. The specific charge proposed by GTE can be found in
3 Exhibit DBT-5 under the section "Intra-Building Riser Cable".

4

5 **Q. WILL THIS RISER CABLE CHARGE APPLY TO ALECS**
6 **WHENEVER RISER CABLE IS PART OF THE FACILITIES**
7 **SERVING AN END USER CUSTOMER?**

8 A. Yes. None of GTE's proposed UNE loop or subloop rates include any
9 amounts for recovery of GTE owned riser cable costs. Therefore, it
10 is appropriate to implement this charge whenever any ALEC requests
11 UNE access to an end user served by riser cable facilities.

12

13 **ISSUE 12(1) – UNE PLATFORMS**

14 **Q. FOR WHAT UNE PLATFORMS WILL GTE BE PROPOSING**
15 **RATES?**

16 A. GTE is proposing rates for four specific platforms, which integrate
17 combinations of a UNE loop and a UNE port as follows:

18 (1) Basic Analog Platform, which is comprised of a 2-wire UNE
19 loop and basic analog line side port;

20 (2) ISDN BRI Platform, which is comprised of a 2-wire UNE loop
21 and an ISDN BRI digital line side port;

22 (3) ISDN PRI Platform, which is comprised of a DS-1 UNE loop
23 and an ISDN PRI digital port; and

24 (4) DS-1 Platform, which is comprised of a DS-1 UNE loop and a
25 DS-1 digital trunk side port.

1 **Q. WHAT PRICE STRUCTURE AND PRICE LEVELS IS GTE**
2 **PROPOSING FOR EACH SPECIFIC UNE PLATFORM?**

3 A. Based on the TELRIC costs (which are supported by Company
4 witness Tucek), GTE's proposed deaveraged MRCs for each
5 platform are listed in Exhibit DBT-5. As stated in Exhibit DBT-5,
6 GTE's proposed switch usage rates (end-office and tandem) and
7 common/shared transport rates will also apply, as appropriate, for all
8 minutes of use generated from the platform. Likewise, GTE's
9 proposed rates for switch features and database queries will also
10 apply when specific switch features are ordered or when "non-call set-
11 up" queries to GTE's databases occur.

12
13 Exhibit DBT-6 contains GTE's proposed ordering and provisioning
14 NRCs for UNE platforms.

15

16 **ISSUE 12(2) – Enhanced Extended Links (EELs)**

17 **Q. WHAT ARE EELS?**

18 A. An EEL is a combination of UNEs (an unbundled loop, multiplexing as
19 required, and interoffice dedicated transport) that facilitates the
20 "extension" of an unbundled loop beyond the GTE central office that
21 serves an end-user customer. By using an EEL, the ALEC can avoid
22 the need to collocate at every central office to gain access to the
23 unbundled loops within each central office. The FCC's rule 51.319
24 allows ILECs that provide EELs in the top 50 metropolitan statistical
25 areas (MSAs) to exempt themselves from providing unbundled local

1 switching to requesting ALECs when the ALEC intends to serve a
2 customer with four or more voice grade (DSO) equivalents or lines.
3 GTE will be offering EELs in the "Tampa -- St. Petersburg --
4 Clearwater" MSA and thus this exemption will apply for GTE.

5

6 **Q. WHAT PRICES IS GTE PROPOSING FOR THE EEL**
7 **COMBINATIONS LISTED IN THE COMMISSION'S ISSUE 12(2)?**

8 A. The MRCs and proposed rate structures for each of the specified EEL
9 combinations are presented in Exhibit DBT-5 and the associated
10 ordering and provisioning NRCs are listed in Exhibit DBT-6.

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12 **Q. DOES THIS CONCLUDE YOUR ADDITIONAL DIRECT**
13 **TESTIMONY?**

14 A. Yes.

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GTE Florida, Inc.
 Docket No. 990649-TP
 Unbundled Network Elements
 UNE PLATFORM / EEL / DARK FIBER / SUBLOOP / INTRA-BUILDING RISER CABLE PROPOSED RATES
 TELRICs

Unbundled Elements / Services	Fixed Allocator		(c)=(a)+(b) Proposed Rates	GTE Cost Study/Exhibit REFERENCE
	(a) TELRIC / 1 \$/line/month	(b) = (a) * (d) Common Cost Recovery		
1 (1) UNE PLATFORM				
2 #1 UNE Basic Analog Platform (Usage, Transport and Features are additional. See Footnote 1.)	\$22.75	\$4.12	\$26.87	Direct Exhibit DGT-4, Line 7
3				
4 Deaverage Rates-Basic Analog Platform (Usage, Transport & Features are add'l. See Footnote 1.)				
5 Zone 1	\$19.41	\$3.51	\$22.92	Direct Exhibit DGT-4, Line 18
6 Zone 2	\$26.11	\$4.73	\$30.84	Direct Exhibit DGT-4, Line 19
7 Zone 3	\$48.62	\$8.80	\$57.42	Direct Exhibit DGT-4, Line 20
8				
9				
10 #2 UNE ISDN BRI Platform (Usage, Transport and Features will be additional. See Footnote 1.)	\$34.55	\$6.25	\$40.80	Direct Exhibit DGT-4, Line 30
11				
12 Deaverage Rate-UNE ISDN BRI Platform (Usage, Transport & Features will be add'l. See Footnote 1.)				
13 Zone 1	\$29.47	\$5.33	\$34.80	Direct Exhibit DGT-4, Line 43
14 Zone 2	\$36.17	\$6.55	\$42.72	Direct Exhibit DGT-4, Line 44
15 Zone 3	\$58.68	\$10.62	\$69.30	Direct Exhibit DGT-4, Line 45
16				
17				
18 #3 UNE ISDN PRI Platform (Usage, Transport and Features will be additional. See Footnote 1.)	\$378.83	\$68.57	\$447.40	Direct Exhibit DGT-4, Line 53
19				
20 Deaverage Rate-UNE ISDN PRI Platform (Usage, Transport & Features are add'l. See Footnote 1.)				
21 Zone 1	\$364.85	\$66.04	\$430.89	Direct Exhibit DGT-4, Line 62
22 Zone 2	\$388.58	\$70.33	\$458.91	Direct Exhibit DGT-4, Line 63
23 Zone 3	\$554.76	\$100.41	\$655.17	Direct Exhibit DGT-4, Line 64
24				
25				
26 #4 UNE DS-1 Platform (Usage, Transport and Features will be additional. See Footnote 1.)	\$248.64	\$45.00	\$293.64	Direct Exhibit DGT-4, Line 72
27				
28 Deaverage Rate-UNE DS-1 BRI Platform (Usage, Transport & Features are add'l. See Footnote 1.)				
29 Zone 1	\$234.86	\$42.47	\$277.33	Direct Exhibit DGT-4, Line 83
30 Zone 2	\$258.39	\$46.77	\$305.16	Direct Exhibit DGT-4, Line 84
31 Zone 3	\$424.57	\$76.85	\$501.42	Direct Exhibit DGT-4, Line 85
32				
33				
34 <u>Footnote 1</u>				
35 Usage, Transport and Termination. Features				
36 would be in addition to the above costs.				
37 End Office -AVG MOU-24 Hour	\$0.0022600	\$0.0004091	\$0.0026691	Direct Exhibit DGT-4, Line 169
38 Tandem Switching-AVG MOU	\$0.0014800	\$0.0002679	\$0.0017479	Direct Exhibit DGT-4, Line 170
39 Common Shared Transport Facilities - Termination - 24 Hr AVG MOU	\$0.0000855	\$0.0000155	\$0.0001010	Direct Exhibit DGT-4, Line 171
40 Common Shared Transport Facilities - ALM - 24 Hr AVG MOU	\$0.0000006	\$0.0000001	\$0.0000007	Direct Exhibit DGT-4, Line 172
41				
42				
43				

GTE Florida, Inc.
 Docket No. 990649-TP
 Unbundled Network Elements
 UNE PLATFORM / EEL / DARK FIBER / SUBLOOP / INTRA-BUILDING RISER CABLE PROPOSED RATES
 TELRICs

	(a)		(b) = (a) * (d)		(c)=(a)+(b) Proposed Rates	GTE Cost Study/Exhibit REFERENCE
	TELRIC / 1 \$/line/month	\$/minute	Common Cost Recovery	(d)		
			Fixed Allocator 18.1% (d)			
Unbundled Elements / Services						
44	(2) ENHANCED EXTENDED LINK (EELS) - See Footnote 2					
45	#1	2-Wire Voice Grade Loops, DS0/1 Multiplexing. Transport and Termination are additional (see lines 63-64).	\$179.69	\$32.52	\$212.21	Direct Exhibit DGT-4, Line 95
46						
47						
48		Each Additional (up to 23) 2-Wire Voice Grade Loop, including Jumper. Transport and Termination are additional (see lines 63-64).	\$20.02	\$3.62	\$23.64	Direct Exhibit DGT-4, Line 97
49						
50						
51		Deaveraged Rates for 2-Wire Loop and DS-0/1 Multiplexing (1-24 Capacity). Transport and Termination are additional (see lines 63-64).				
52						
53		Zone 1	\$176.35	\$31.92	\$208.27	Direct Exhibit DGT-4, Line 106
54		Zone 2	\$183.05	\$33.13	\$216.18	Direct Exhibit DGT-4, Line 107
55		Zone 3	\$205.56	\$37.21	\$242.77	Direct Exhibit DGT-4, Line 108
56						
57		Ea. Add'l (up to 23) 2-Wire Voice Grade Deavg. Loop. Trans. & Term. are add'l (see Ins. 63-64).				
58		Zone 1	\$17.28	\$3.13	\$20.41	Direct Exhibit DGT-4, Line 111
59		Zone 2	\$23.98	\$4.34	\$28.32	Direct Exhibit DGT-4, Line 112
60		Zone 3	\$46.49	\$8.41	\$54.90	Direct Exhibit DGT-4, Line 113
61						
62		<u>Additional Transport and Terminations</u>				
63		Dedicated DS-1 Interoffice Transport-Transport Facility per ALM	\$0.33	\$0.06	\$0.39	Direct Exhibit DGT-4, Line 116
64		Dedicated DS-1 Interoffice Transport-Transport Termination--Per Termination	\$21.83	\$3.95	\$25.78	Direct Exhibit DGT-4, Line 117
65						
66						
67	#2	DS-1 Loop and Jumper. Transport and Terminations are additional (see lines 76-77).	\$189.44	\$34.29	\$223.73	Direct Exhibit DGT-4, Line 123
68						
69						
70		Deaveraged Rates for DS-1 Loop. Transport and Termination are additional (see lines 76-77).				
71		Zone 1	\$175.46	\$31.76	\$207.22	Direct Exhibit DGT-4, Line 130
72		Zone 2	\$199.19	\$36.05	\$235.24	Direct Exhibit DGT-4, Line 131
73		Zone 3	\$365.37	\$66.13	\$431.50	Direct Exhibit DGT-4, Line 132
74						
75		<u>Additional Transport and Terminations</u>				
76		Dedicated DS-1 Interoffice Transport-Transport Facility per ALM	\$0.33	\$0.06	\$0.39	Direct Exhibit DGT-4, Line 135
77		Dedicated DS-1 Interoffice Transport-Transport Termination--Per Termination	\$21.83	\$3.95	\$25.78	Direct Exhibit DGT-4, Line 136
78						
79						
80	#3	DS-1 loop, DS-3/1 multiplexing, DS-3 Interoffice Transport. Transport and Termination are additional (see lines 97-98).	\$626.44	\$113.39	\$739.83	Direct Exhibit DGT-4, Line 143
81						
82						
83		Each Additional (up to 27) DS-1 Loop, including Jumper. Transport and Termination are additional (see lines 97-98).	\$189.44	\$34.29	\$223.73	Direct Exhibit DGT-4, Line 145
84						
85						
86		Deaveraged Rates for DS-1 Loop plus DS-1/3 Multiplexing. Trans & Term. Add'l (see Ins. 97-98).				
87		Zone 1	\$612.46	\$110.86	\$723.32	Direct Exhibit DGT-4, Line 152
88		Zone 2	\$638.19	\$115.15	\$751.34	Direct Exhibit DGT-4, Line 153
89		Zone 3	\$802.37	\$145.23	\$947.60	Direct Exhibit DGT-4, Line 154
90						
91		Each Additional (up to 27) Deaveraged DS-1 Loop. Trans. & Term. are additional (see Ins. 97-98).				
92		Zone 1	\$175.46	\$31.76	\$207.22	Direct Exhibit DGT-4, Line 157
93		Zone 2	\$199.19	\$36.05	\$235.24	Direct Exhibit DGT-4, Line 158
94		Zone 3	\$365.37	\$66.13	\$431.50	Direct Exhibit DGT-4, Line 159
95						
96		<u>Additional Usage--Transport and Terminations</u>				
97		Dedicated DS-3 Interoffice-Transport Facility per ALM	\$3.76	\$0.68	\$4.44	Direct Exhibit DGT-4, Line 162
98		Dedicated DS-3 Interoffice-Transport Termination--Per Termination	\$112.86	\$20.43	\$133.29	Direct Exhibit DGT-4, Line 163
99						

101 **Footnote 2**
 102 Enhanced Extended Links (EELs) are offered only in the Tampa, St. Petersburg, Clearwater Metropolitan Statistical Areas (MSAs).

GTE Florida, Inc.
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 Unbundled Network Elements
 UNE PLATFORM / EEL / DARK FIBER / SUBLOOP / INTRA-BUILDING RISER CABLE PROPOSED RATES
 TELRICs

Fixed Allocator
 18.1% (d)

Unbundled Elements / Services	(a) TELRIC / 1		(b) = (a) * (d) Common Cost Recovery	(c)=(a)+(b) Proposed Rates	GTE Cost Study/Exhibit REFERENCE
	\$/line/month	\$/minute			
103					
104					
105					
106 (3) SUBLOOPS					
107 2-Wire Feeder		\$8.39	\$1.52	\$9.91	ICM 4.1b CD, CLLI Level Report
108 4-Wire Feeder		\$25.71	\$4.65	\$30.36	ICM 4.1b CD, CLLI Level Report
109 2-Wire Distribution		\$14.16	\$2.56	\$16.72	ICM 4.1b CD, CLLI Level Report
110 4-Wire Distribution		\$24.58	\$4.45	\$29.03	ICM 4.1b CD, CLLI Level Report
111 2-Wire Drop		\$2.56	\$0.46	\$3.02	ICM 4.1b CD, CLLI Level Report
112 4-Wire Drop		\$2.93	\$0.53	\$3.46	ICM 4.1b CD, CLLI Level Report
113					
114 Deaveraged Rates for 2-Wire Feeder					
115 Zone 1		\$8.96	\$1.26	\$8.22	ICM 4.1b CD, CLLI Level Report
116 Zone 2		\$9.70	\$1.76	\$11.46	ICM 4.1b CD, CLLI Level Report
117 Zone 3		\$21.66	\$3.92	\$25.58	ICM 4.1b CD, CLLI Level Report
118					
119 Deaveraged Rates for 4-Wire Feeder					
120 Zone 1		\$21.73	\$3.93	\$25.66	ICM 4.1b CD, CLLI Level Report
121 Zone 2		\$30.51	\$5.52	\$36.03	ICM 4.1b CD, CLLI Level Report
122 Zone 3		\$42.77	\$7.74	\$50.51	ICM 4.1b CD, CLLI Level Report
123					
124 Deaveraged Rates for 2-Wire Distribution					
125 Zone 1		\$12.25	\$2.22	\$14.47	ICM 4.1b CD, CLLI Level Report
126 Zone 2		\$16.21	\$2.93	\$19.14	ICM 4.1b CD, CLLI Level Report
127 Zone 3		\$26.77	\$4.85	\$31.62	ICM 4.1b CD, CLLI Level Report
128					
129 Deaveraged Rates for 4-Wire Distribution					
130 Zone 1		\$21.18	\$3.83	\$25.01	ICM 4.1b CD, CLLI Level Report
131 Zone 2		\$28.21	\$5.11	\$33.32	ICM 4.1b CD, CLLI Level Report
132 Zone 3		\$47.22	\$8.55	\$55.77	ICM 4.1b CD, CLLI Level Report
133					
134 Deaveraged Rates for 2-Wire Drop					
135 Zone 1		\$2.21	\$0.40	\$2.61	ICM 4.1b CD, CLLI Level Report
136 Zone 2		\$2.93	\$0.53	\$3.46	ICM 4.1b CD, CLLI Level Report
137 Zone 3		\$5.02	\$0.91	\$5.93	ICM 4.1b CD, CLLI Level Report
138					
139 Deaveraged Rates for 4-Wire Drop					
140 Zone 1		\$2.65	\$0.48	\$3.13	ICM 4.1b CD, CLLI Level Report
141 Zone 2		\$3.22	\$0.58	\$3.80	ICM 4.1b CD, CLLI Level Report
142 Zone 3		\$5.28	\$0.96	\$6.24	ICM 4.1b CD, CLLI Level Report
143					
144					
145					
146 (4) INTRA-BUILDING RISER CABLE					
147 Per Pair		\$1.76	\$0.32	\$2.08	ICM 4.1b Cost Study, Tab 23
148					
149					
150					
151 (5) UNBUNDLED DARK FIBER					
152 Unbundled Dark Fiber Loops/Subloops					
153 Dark Fiber Loop		\$58.00	\$10.50	\$68.50	ICM 4.1b Cost Study, Tab 34
154 Dark Fiber Sub-Loop - Feeder		\$52.23	\$9.45	\$61.68	ICM 4.1b Cost Study, Tab 34
155 Dark Fiber Sub-Loop - Distribution		\$9.54	\$1.73	\$11.27	ICM 4.1b Cost Study, Tab 34
156					
157 Unbundled Dark Fiber Dedicated Transport					
158 Dark Fiber IDT - Facility		\$20.75	\$3.76	\$24.51	ICM 4.1b Cost Study, Tab 34
159 Dark Fiber IDT - Termination		\$3.77	\$0.68	\$4.45	ICM 4.1b Cost Study, Tab 34

LOCAL WHOLESALE SERVICES	Ordering		Provisioning	
	100% Manual	Semi- Mech.	Initial Unit	Add'l Unit
UNBUNDLED NETWORK ELEMENT-PLATFORM (UNE-P)				
Exchange - Basic - Initial	31.57	22.13	28.23	26.58
Exchange - Basic - Subsequent	16.44	13.26	1.08	1.08
Exchange - Basic - Changeover	19.93	15.54	0.90	0.90
Exchange - Complex Nondigital - Initial	41.35	27.53	162.41	31.70
Exchange - Complex Nondigital - Subsequent (Port Feature)	16.44	13.26	5.89	5.89
Exchange - Complex Nondigital - Subsequent (Switch Feature Group)	20.82	13.26	22.73	22.73
Exchange - Complex Nondigital - Changeover (As Is)	22.35	17.96	3.61	3.61
Exchange - Complex Nondigital - Changeover (As Is Specified)	30.08	21.31	20.97	3.61
Exchange - Complex Digital - Initial	41.35	27.53	205.75	28.18
Exchange - Complex Digital - Subsequent (Port Feature)	16.44	13.26	5.15	5.15
Exchange - Complex Digital - Subsequent (Switch Feature Group)	20.82	13.26	22.73	22.73
Exchange - Complex Digital - Changeover (As Is)	22.35	17.96	4.18	4.18
Exchange - Complex Digital - Changeover (As Is Specified)	30.08	21.31	80.98	4.18
Advanced - Complex - Initial	48.35	34.53	681.24	303.66
Advanced - Complex - Subsequent	20.82	13.26	65.81	48.47
Advanced - Complex - Changeover (As Is)	24.06	19.67	51.51	34.17
Advanced - Complex - Changeover (As Is Specified)	37.08	28.31	82.31	64.97
UNBUNDLED SUBLOOP				
Exchange - MDF Interconnection - Initial	36.32	26.88	48.65	34.50
Exchange - MDF Interconnection - Subsequent	15.01	11.83	14.18	13.22
Exchange - FDI Feeder Interconnection - Initial	36.32	26.88	46.20	24.97
Exchange - FDI Feeder Interconnection - Subsequent	15.01	11.83	16.99	7.22
Exchange - FDI Distribution Interconnection - Initial	36.32	26.88	61.90	30.36
Exchange - FDI Distribution Interconnection - Subsequent	15.01	11.83	16.99	7.22
Exchange - Serving Terminal Interconnection - Initial	36.32	26.88	28.99	15.51
Exchange - Serving Terminal Interconnection - Subsequent	15.01	11.83	13.23	6.41
UNBUNDLED DARK FIBER				
Advanced - Service Inquiry Charge	249.82	249.82	n/a	n/a
Advanced - Interoffice Dedicated Transport - Initial	63.85	63.85	153.14	110.28
Advanced - Unbundled Loop - Initial	63.85	63.85	148.37	106.54
Advanced - Subloop Feeder - Initial	63.85	63.85	148.37	106.54
Advanced - Subloop Distribution - Initial	63.85	63.85	151.78	102.80

GTE FLORIDA, INC.
 WHOLESALE NRC RATE SUMMARY

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NETWORK WHOLESALE SERVICES	Ordering		Provisioning *	
	100% Manual	Semi- Mech.	Initial Unit	Add'l Unit
ENHANCED EXTENDED LOOPS (EELs)				
Advanced - Basic - Initial	88.39	56.13	397.31	n/a
Advanced - Basic - Subsequent	38.02	21.89	49.53	n/a
DS0 - Initial	88.39	56.13	482.99	n/a
DS0 - Subsequent	38.02	21.89	-	n/a
DS1/DS3 - Initial	97.94	65.68	384.08	n/a
DS1/DS3 - Subsequent	38.02	21.89	9.90	n/a

* Rates are applied on a per-order basis. Additional unit column does not apply

UNE-P ELEMENTS

UNBUNDLED NETWORK ELEMENT-PLATFORM (UNE-P)	Ordering		Provisioning - Initial Unit				Provisioning - Add'l Unit			
	100% Manual	Semi-Mech.	Provis.	CO Work	Field Install.	Total	Provis.	CO Work	Field Install.	Total
Exchange-Basic-New	16.27	9.75	3.91	3.40	19.18	26.49	3.91	2.91	18.02	24.83
Exchange-Basic-Disconnect	9.14	6.22	1.53	-	0.22	1.75	1.53	-	0.22	1.75
NOMC Shared/Fixed Costs	6.16	6.16								
Exchange - Basic - Initial	31.57	22.13	5.44	3.40	19.40	28.23	5.44	2.91	18.23	26.58
Exchange-Basic-Change Line Feature	10.28	7.10	1.08	-	-	1.08	1.08	-	-	1.08
NOMC Shared/Fixed Costs	6.16	6.16								
Exchange - Basic - Subsequent	16.44	13.26	1.08	-	-	1.08	1.08	-	-	1.08
Exchange-Basic-Migration As Is	13.40	9.01	0.90	-	-	0.90	0.90	-	-	0.90
NOMC Shared/Fixed Costs	6.16	6.16								
Exchange - Basic - Changeover (As Is)	19.56	15.17	0.90	-	-	0.90	0.90	-	-	0.90
Exchange-Basic-Migration As Is +/-	14.14	9.75	0.90	-	-	0.90	0.90	-	-	0.90
NOMC Shared/Fixed Costs	6.16	6.16								
Exchange - Basic - Changeover (As Is +/-)	20.30	15.91	0.90	-	-	0.90	0.90	-	-	0.90
Exchange-Complex Nondigital-New	26.05	15.15	26.12	6.63	101.36	134.11	8.76	5.67	7.94	22.37
Exchange-Complex Nondigital-Disconnect	9.14	6.22	24.42	3.13	0.75	28.29	6.41	2.17	0.75	9.33
NOMC Shared/Fixed Costs	6.16	6.16								
Exchange - Complex Nondigital - Initial	41.35	27.53	50.54	9.76	102.11	162.41	15.17	7.85	8.68	31.70
Exchange-Complex Nondigital-Change Line Feature	10.28	7.10	5.89	-	-	5.89	5.89	-	-	5.89
NOMC Shared/Fixed Costs	6.16	6.16								
Exchange - Complex Nondigital - Subsequent (Port Feature)	16.44	13.26	5.89	-	-	5.89	5.89	-	-	5.89
Exchange-Complex Nondigital-Change Switch Feature Group	14.66	7.10	22.73	-	-	22.73	22.73	-	-	22.73
NOMC Shared/Fixed Costs	6.16	6.16								
Exchange - Complex Nondigital - Subsequent (Switch Feature Group)	20.82	13.26	22.73	-	-	22.73	22.73	-	-	22.73
Exchange-Complex Nondigital-Migration As Is	16.19	11.80	3.61	-	-	3.61	3.61	-	-	3.61
NOMC Shared/Fixed Costs	6.16	6.16								
Exchange - Complex Nondigital - Changeover (As Is)	22.35	17.96	3.61	-	-	3.61	3.61	-	-	3.61
Exchange-Complex Nondigital-Migration As Specified	23.92	15.15	20.97	-	-	20.97	3.61	-	-	3.61
NOMC Shared/Fixed Costs	6.16	6.16								
Exchange - Complex Nondigital - Changeover (As Is Specified)	30.08	21.31	20.97	-	-	20.97	3.61	-	-	3.61
Exchange-Complex Digital-New	26.05	15.15	84.50	6.63	87.72	178.85	7.70	5.67	6.87	20.24
Exchange-Complex Digital-Disconnect	9.14	6.22	23.23	3.13	0.53	26.90	5.23	2.17	0.53	7.94
NOMC Shared/Fixed Costs	6.16	6.16								
Exchange - Complex Digital - Initial	41.35	27.53	107.73	9.76	88.26	205.75	12.93	7.85	7.40	28.18
Exchange-Complex Digital-Change Line Feature	10.28	7.10	5.15	-	-	5.15	5.15	-	-	5.15
NOMC Shared/Fixed Costs	6.16	6.16								
Exchange - Complex Digital - Subsequent (Port Feature)	16.44	13.26	5.15	-	-	5.15	5.15	-	-	5.15
Exchange-Complex Digital-Change Switch Feature Group	14.66	7.10	22.73	-	-	22.73	22.73	-	-	22.73
NOMC Shared/Fixed Costs	6.16	6.16								
Exchange - Complex Digital - Subsequent (Switch Feature Group)	20.82	13.26	22.73	-	-	22.73	22.73	-	-	22.73
Exchange-Complex Digital-Migration As Is	16.19	11.80	4.18	-	-	4.18	4.18	-	-	4.18
NOMC Shared/Fixed Costs	6.16	6.16								
Exchange - Complex Digital - Changeover (As Is)	22.35	17.96	4.18	-	-	4.18	4.18	-	-	4.18
Exchange-Complex Digital-Migration As Specified	23.92	15.15	80.98	-	-	80.98	4.18	-	-	4.18
NOMC Shared/Fixed Costs	6.16	6.16								
Exchange - Complex Digital - Changeover (As Is Specified)	30.08	21.31	80.98	-	-	80.98	4.18	-	-	4.18
Advanced-Complex-New	33.05	22.15	137.09	15.71	349.11	501.91	113.11	14.75	32.76	160.63
Advanced-Complex-Disconnect	9.14	6.22	66.46	3.13	109.73	179.32	49.12	2.17	91.73	143.03
NOMC Shared/Fixed Costs	6.16	6.16								
Advanced - Complex - Initial	48.35	34.53	203.55	18.84	458.84	681.24	162.23	16.93	124.50	303.66
Advanced-Complex-Change	14.66	7.10	65.81	-	-	65.81	48.47	-	-	48.47
NOMC Shared/Fixed Costs	6.16	6.16								
Advanced - Complex - Subsequent	20.82	13.26	65.81	-	-	65.81	48.47	-	-	48.47
Advanced-Complex-Migration As Is	17.90	13.51	51.51	-	-	51.51	34.17	-	-	34.17
NOMC Shared/Fixed Costs	6.16	6.16								
Advanced - Complex - Changeover (As Is)	24.06	19.67	51.51	-	-	51.51	34.17	-	-	34.17
Advanced-Complex-Migration As Specified	30.92	22.15	82.31	-	-	82.31	64.97	-	-	64.97
NOMC Shared/Fixed Costs	6.16	6.16								
Advanced - Complex - Changeover (As Is Specified)	37.08	28.31	82.31	-	-	82.31	64.97	-	-	64.97

SUBLOOP ELEMENTS

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UNBUNDLED SUBLOOP	Ordering		Provisioning - Initial Unit				Provisioning - Addtl Unit			
	100% Manual	Semi-Mech.	Provis.	CO Work	Field Install.	Total	Provis.	CO Work	Field Install.	Total
Exchange - MDF Interconnection - New	20.26	13.74	8.06	6.63	25.20	39.89	8.06	5.67	12.97	26.70
Exchange - MDF Interconnection - Disconnect	9.90	6.98	5.37	3.13	0.26	8.76	5.37	2.17	0.26	7.81
NOMC Shared/Fixed Costs	6.16	6.16								
Exchange - MDF Interconnection - Initial	36.32	26.88	13.43	9.76	25.46	46.65	13.43	7.85	13.23	34.50
Exchange - MDF Interconnection - Change CO Interconnection	8.85	5.67	5.37	8.80	-	14.18	5.37	7.85	-	13.22
NOMC Shared/Fixed Costs	6.16	6.16								
Exchange - MDF Interconnection - Subsequent	15.01	11.83	5.37	8.80	-	14.18	5.37	7.85	-	13.22
Exchange - FDI Feeder Interconnection - New	20.26	13.74	8.06	6.63	11.62	26.31	8.06	5.67	1.85	15.58
Exchange - FDI Feeder Interconnection - Disconnect	9.90	6.98	5.37	3.13	11.39	19.89	5.37	2.17	1.85	9.39
NOMC Shared/Fixed Costs	6.16	6.16								
Exchange - FDI Feeder Interconnection - Initial	36.32	26.88	13.43	9.76	23.01	46.20	13.43	7.85	3.70	24.97
Exchange - FDI Feeder Interconn - Change Facility Interconnection	8.85	5.67	5.37	-	11.62	16.99	5.37	-	1.85	7.22
NOMC Shared/Fixed Costs	6.16	6.16								
Exchange - FDI Feeder Interconnection - Subsequent	15.01	11.83	5.37	-	11.62	16.99	5.37	-	1.85	7.22
Exchange - FDI Distribution Interconnection - New	20.26	13.74	8.06	-	36.82	44.88	8.06	-	14.82	22.87
Exchange - FDI Distribution Interconnection - Disconnect	9.90	6.98	5.37	-	11.65	17.02	5.37	-	2.11	7.48
NOMC Shared/Fixed Costs	6.16	6.16								
Exchange - FDI Distribution Interconnection - Initial	36.32	26.88	13.43	-	48.47	61.90	13.43	-	16.93	30.36
Exchange - FDI Distribution Interconn - Change Facility Interconnection	8.85	5.67	5.37	-	11.62	16.99	5.37	-	1.85	7.22
NOMC Shared/Fixed Costs	6.16	6.16								
Exchange - FDI Distribution Interconnection - Subsequent	15.01	11.83	5.37	-	11.62	16.99	5.37	-	1.85	7.22
Exchange - Serving Terminal Interconnection - New	20.26	13.74	8.06	-	7.86	15.92	8.06	-	1.04	9.10
Exchange - Serving Terminal Interconnection - Disconnect	9.90	6.98	5.37	-	7.70	13.07	5.37	-	1.04	6.41
NOMC Shared/Fixed Costs	6.16	6.16								
Exchange - Serving Terminal Interconnection - Initial	36.32	26.88	13.43	-	15.56	28.99	13.43	-	2.08	15.51
Exchange - Serving Terminal Interconn - Change Facility Interconnection	8.85	5.67	5.37	-	7.86	13.23	5.37	-	1.04	6.41
NOMC Shared/Fixed Costs	6.16	6.16								
Exchange - Serving Terminal Interconnection - Subsequent	15.01	11.83	5.37	-	7.86	13.23	5.37	-	1.04	6.41

DARK FIBER ELEMENTS

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UNBUNDLED DARK FIBER	Ordering		Provisioning - Initial Unit				Provisioning - Add'l Unit			
	100% Manual	Semi-Mech.	Provis.	CO Work	Field Install.	Total	Provis.	CO Work	Field Install.	Total
Advanced-Exchange Facilities	2.40	2.40	143.52	n/a	n/a	143.52	143.52	n/a	n/a	143.52
Advanced - Exchange Facilities	2.40	2.40	143.52	-	-	143.52	143.52	-	-	143.52
Advanced-Interoffice Facilities	2.40	2.40	282.05	n/a	n/a	282.05	282.05	n/a	n/a	282.05
Advanced - Interoffice Facilities	2.40	2.40	282.05	-	-	282.05	282.05	-	-	282.05
Advanced-UNE Interoffice Dedicated Transport-New	42.29	42.29	42.97	33.60	-	76.57	25.63	29.51	-	55.14
Advanced-UNE Interoffice Dedicated Transport-Disconnect	21.56	21.56	42.97	33.60	-	76.57	25.63	29.51	-	55.14
Advanced - Interoffice Dedicated Transport - Initial	63.85	63.85	85.94	67.20	-	153.14	51.26	59.02	-	110.28
Advanced-Unbundled Loop-New	42.29	42.29	42.97	14.75	16.46	74.18	25.63	14.75	12.88	53.27
Advanced-Unbundled Loop-Disconnect	21.56	21.56	42.97	14.75	16.46	74.18	25.63	14.75	12.88	53.27
Advanced - Unbundled Loop - Initial	63.85	63.85	85.94	29.51	32.92	148.37	51.26	29.51	25.77	106.54
Advanced-Subloop Feeder-New	42.29	42.29	42.97	14.75	16.46	74.18	25.63	14.75	12.88	53.27
Advanced-Subloop Feeder-Disconnect	21.56	21.56	42.97	14.75	16.46	74.18	25.63	14.75	12.88	53.27
Advanced - Subloop Feeder - Initial	63.85	63.85	85.94	29.51	32.92	148.37	51.26	29.51	25.77	106.54
Advanced-Subloop Distribution-New	42.29	42.29	42.97	-	32.92	75.89	25.63	-	25.77	51.40
Advanced-Subloop Distribution-Disconnect	21.56	21.56	42.97	-	32.92	75.89	25.63	-	25.77	51.40
Advanced - Subloop Distribution - Initial	63.85	63.85	85.94	-	65.84	151.78	51.26	-	51.54	102.80

EELs ELEMENTS

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ENHANCED EXTENDED LOOPS (EELs)	Ordering		Provisioning - Per Order			
	100% Manual	Semi-Mech.	Provis.	CO Work	Field Install.	Total
Basic-New	51.39	35.26	95.53	13.75	153.00	262.28
Basic-Disconnect	37.00	20.87	51.80	13.75	69.48	135.03
Advanced - Basic - Initial	88.39	56.13	147.33	27.50	222.48	397.31
Basic-Change	38.02	21.89	49.53	n/a	n/a	49.53
Advanced - Basic - Subsequent	38.02	21.89	49.53	-	-	49.53
DS0 and Fractional T1-New	51.39	35.26	157.53	93.74	99.92	351.19
DS0 and Fractional T1-Disconnect	37.00	20.87	51.80	30.00	49.99	131.79
DS0 - Initial	88.39	56.13	209.34	123.74	149.91	482.99
DS0 and Fractional T1-Change	38.02	21.89	8.55	n/a	n/a	8.55
DS0 - Subsequent	38.02	21.89				
DS1 and Higher-New	59.69	43.56	91.18	95.82	111.17	298.17
DS1 and Higher-Disconnect	38.25	22.12	12.17	50.41	23.33	85.91
DS1/DS3 - Initial	97.94	65.68	103.35	146.23	134.50	384.08
DS1 and Higher-Change	38.02	21.89	9.90	n/a	n/a	9.90
DS1/DS3 - Subsequent	38.02	21.89	9.90	-	-	9.90