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March 2, 1999

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Ms. Magalie R. Salas
Secretary
Federal Communications Commission
445 Twelfth Street, S.W.
Washington, DC 20554

Ex Parte: Universal Service – CC Docket No. 96-45 and Forward-Looking Mechanism for Non-Rural LECs – CC Docket No. 97-160

Dear Ms. Salas,

On Monday, March 1, 1999, John Gahagan, Joe Schroeder, and I, representing GTE, met with Craig Brown, Katie King, Richard Smith, Steve Burnett, Bob Loube, Paula-Ann Cech, Dick Kwiatkowski, and Brian Clopton of the Accounting Policy Division of the Common Carrier Bureau to discuss inputs and the Commission's synthesis cost model. We discussed GTE specific input values compared to preliminary values suggested by the Bureau, the manner in which GTE calculates various input values for its own cost model and corrections which need to be made to the model platform. The attached material was used in the discussion.

Pursuant to Section 1.1206(a)(1) of the Commission's rules, and original and one copy of this letter are being submitted to the Office of the Secretary. Please associate this notification with the record in the proceeding indicated above.

If you have any questions regarding this matter, please call me at (202) 463-5293.

Sincerely,

W. Scott Randolph
Director - Regulatory Matters

No. of Copies rec'd 0+3
List ABCDE

cc: Craig Brown
Katie King
Richard Smith
Steve Burnett
Bob Loube
Paula-Ann Cech
Dick Kwiatkowski
Brian Clopton

FCC USF Cost Model Inputs
GTE Ex-Parte Presentation
March 1, 1999

Exhibit 1. GTE values for inputs proposed in December workshops.

Page 1 – 2:
- SAI investment; reference Exhibit 3; page 1.
- Distribution and feeder fill; reference Exhibit 3, page 8-10

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- Fiber investment; reference Exhibit 3, page 1
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- Expenses
  - Percent of investment; reference Exhibit 3; page 5
  - Per line; reference Exhibit 3; page 5,7

Exhibit 2. GTE values for inputs with no FCC proposed values.

Page 1.
- Structure Sharing – Distribution
  - Aerial; reference Exhibit 3; page 2-3
  - Buried; reference Exhibit 3; page 4
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Page 1 –2.
- Structure Mix – Distribution
  - Buried, Aerial and Underground; reference Exhibit 3; page 6

Page 4.
- Structure Sharing – Feeder
  - Aerial; reference Exhibit 3; page 2-3
  - Buried; reference Exhibit 3; page 4
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Page 4 – 5.
- Structure Mix – Feeder
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Exhibit 3. GTE Input Development

Exhibit 4. Additional Input Issues

1. SAI Costs
   - Size selection incorrectly based on feeder size alone.
     - Reference code "unit tech"
   - ACF inappropriately applied
     - Reference code "unit tech"
2. Fiber splice cost
   - Cost is, incorrectly, independent of size
     - Reference code "unit primfeed"
   - Default value of $26 is impossibly low for fiber cable
     - Reference code "unit tech"
3. Calculated fill factors appear to be incorrect
   - Doesn't take cable sizing into account
     - Reference "program feeddist"
   - "Feedgrid" results (GTE WA) appear to be incorrect.

Exhibit 1

GTE
March 1, 1999

GTE Telephone Operations
Inputs discussed during FCC Workshops

Input	WKSHOP LOW	WKSHOP HIGH	FCC Default	HAI Default	BCPM Default	GTE FL	GTE TX	GTE MO	Comments
Distribution Inputs									
SAI Cable Size 1	1	1	1						
SAI Cable Size 2	50	50	50						
SAI Cable Size 3	100	100	100						
SAI Cable Size 4	200	200	200						
SAI Cable Size 5	400	400	400						
SAI Cable Size 6	600	600	600	In addition to	In addition to				
SAI Cable Size 7	900	900	900	these sizes	these sizes				
SAI Cable Size 8	1200	1200	1200	HAI model	BCPM				
SAI Cable Size 9	1800	1800	1800	also uses	model also				
SAI Cable Size 10	2400	2400	2400	sizes 5400	uses size				
SAI Cable Size 11	3600	3600	3600	and 7200	4200				
SAI Outdoor Investment 1	250.00	407.00	400	1,253	407.00	738.88	760.71	722.90	
SAI Outdoor Investment 2	250.00	407.00	400	1,253	407.00	1011.25	1043.77	986.42	
SAI Outdoor Investment 3	1,885.00	2,768.62	500	1,253	2120.00	1549.28	1611.39	1435.36	
SAI Outdoor Investment 4	2,120.00	2,768.62	800	1,253	2355.00	1924.24	1812.28	1614.30	
SAI Outdoor Investment 5	2,590.00	3,896.23	1000	1,609	5509.00	2674.16	2865.52	2522.47	
SAI Outdoor Investment 6	5,509.00	5,393.43	2000	2,186	6848.00	3580.59	3332.56	3259.31	
SAI Outdoor Investment 7	6,848.00	7,159.17	3500	3,290	7586.00	4668.47	4517.88	4320.92	
SAI Outdoor Investment 8	7,586.00	9,081.56	4000	3,290	8717.00	5782.54	5004.17	4786.58	
SAI Outdoor Investment 9	8,717.00	12,039.95	5000	5,291	11490.00	7489.88	7546.74	7027.88	
SAI Outdoor Investment 10	11,490.00	16,207.56	6000	5,291	11713.00	9721.40	9791.35	9008.64	
SAI Outdoor Investment 11	14,055.60	23,917.74	10000	8,200	14055.60	11707.70	12114.55	11121.61	
Distribution Cable Fill - 0	0.70	0.60	0.7	0.50	1.00				The BCPM and GTE
Distribution Cable Fill - 5	0.70	0.60	0.7	0.55	1.00				inputs are not comparable
Distribution Cable Fill - 100	0.80	0.70	0.7	0.55	1.00				to HAI and HCPM inputs
Distribution Cable Fill - 200	0.80	0.70	0.7	0.60	1.00				because HAI and HCPM
Distribution Cable Fill - 650	0.80	0.70	0.8	0.65	1.00				engineer distribution for
Distribution Cable Fill - 850	0.80	0.70	0.8	0.70	1.00				current demand while
Distribution Cable Fill - 2550	0.80	0.70	0.8	0.75	1.00				BCPM and GTE engineer
Distribution Cable Fill - 5000	0.80	0.70	0.8	0.75	1.00				distribution for ultimate
Distribution Cable Fill - 10000	0.80	0.70	0.8	0.75	1.00				demand.
Feeder Inputs									
Feeder Fill - 0	0.80	0.80	0.8	0.65	0.75	0.65	0.72	0.60	
Feeder Fill - 5	0.80	0.80	0.8	0.75	0.80	0.65	0.71	0.62	
Feeder Fill - 100	0.92	0.90	0.8	0.80	0.80	0.65	0.65	0.47	
Feeder Fill - 200	0.92	0.90	0.9	0.80	0.85	0.65	0.54	0.56	
Feeder Fill - 650	0.92	0.90	0.9	0.80	0.85	0.65	0.66	0.56	
Feeder Fill - 850	0.92	0.90	0.9	0.80	0.85	0.65	0.58	0.56	

GTE Telephone Operations
Inputs discussed during FCC Workshops

Input	WKSHOP LOW	WKSHOP HIGH	FCC Default	HAI Default	BCPM Default	GTE FL	GTE TX	GTE MO	Comments
Feeder Fill - 2550	0.92	0.90	0.9	0.80	0.85	0.65	0.56	0.56	
Feeder Fill - 5000	0.92	0.90	0.9	0.80	0.85	0.65	0.56	0.56	
Feeder Fill - 10000	0.92	0.90	0.9	0.80	0.85	0.65	0.56	0.56	
Fiber Investment per foot -buried - 288	7.98	11.69	13.1	13.10	12.79	16.20	14.46	13.92	
Fiber Investment per foot -buried - 144	4.30	9.50	9.5	9.50	9.96	12.61	11.26	10.84	
Fiber Investment per foot -buried - 96	3.07	7.10	7.1	7.10	7.43	7.71	6.84	6.77	
Fiber Investment per foot -buried - 72	2.46	5.55	5.9	5.90	6.00	5.94	5.28	5.30	
Fiber Investment per foot -buired - 60	2.15	4.93	5.3	5.30	5.17	5.28	4.73	4.76	
Fiber Investment per foot -buired - 48	1.84	4.18	4.7	4.70	4.95	4.40	3.94	3.87	
Fiber Investment per foot -buried - 36	1.53	3.38	4.1	4.10	4.01	3.53	3.19	3.19	
Fiber Investment per foot -buried - 24	1.23	2.65	3.5	3.50	3.93	2.77	2.53	2.59	
Fiber Investment per foot -buried - 18	1.07	2.29	3.2	3.20	3.25	2.32	2.20	2.35	
Fiber Investment per foot -buried - 12	0.92	1.93	2.9	2.90	2.75	2.00	1.86	1.99	
Fiber Investment per foot -aerial - 288	7.82	11.69	13.1	13.10	12.02	16.39	18.92	12.53	
Fiber Investment per foot -aerial - 144	4.10	9.50	9.5	9.50	9.85	13.43	15.51	10.27	
Fiber Investment per foot -aerial - 96	2.86	7.10	7.1	7.10	7.19	9.17	10.62	7.09	
Fiber Investment per foot -aerial - 72	2.24	5.55	5.9	5.90	6.75	7.13	8.25	5.56	
Fiber Investment per foot -aerial - 60	1.95	4.93	5.3	5.30	6.02	6.00	6.97	4.71	
Fiber Investment per foot -aerial - 48	1.64	4.18	4.7	4.70	5.27	5.56	6.60	4.21	
Fiber Investment per foot -aerial - 36	1.13	3.38	4.1	4.10	4.67	4.51	5.33	3.49	
Fiber Investment per foot -aerial - 24	0.82	2.65	3.5	3.50	3.45	3.19	3.80	2.53	
Fiber Investment per foot -aerial - 18	0.82	2.29	3.2	3.20	3.26	2.71	2.74	2.39	
Fiber Investment per foot -aerial - 12	0.82	1.93	2.9	2.90	3.04	2.16	2.55	1.82	
Fiber Investment per foot -underground - 288	7.66	11.69	13.1	13.10	11.50	11.88	12.54	12.03	
Fiber Investment per foot -underground - 144	4.05	9.50	9.5	9.50	10.30	10.64	11.23	10.77	
Fiber Investment per foot -underground - 96	2.84	7.10	7.1	7.10	7.40	6.39	6.83	6.71	
Fiber Investment per foot -underground - 72	2.24	5.55	5.9	5.90	6.25	4.94	5.28	5.25	
Fiber Investment per foot -underground - 60	1.82	4.93	5.3	5.30	5.50	4.45	4.73	4.70	
Fiber Investment per foot -underground - 48	1.52	4.18	4.7	4.70	4.75	3.62	3.94	3.82	
Fiber Investment per foot -underground - 36	1.22	3.38	4.1	4.10	4.15	2.94	3.19	3.14	
Fiber Investment per foot -underground - 24	0.92	2.65	3.5	3.50	3.75	2.37	2.53	2.55	
Fiber Investment per foot -underground - 18	0.77	2.29	3.2	3.20	3.48	2.13	2.10	2.19	
Fiber Investment per foot -underground - 12	0.62	1.93	2.9	2.90	3.09	1.78	1.87	1.94	
Copper Investment per foot -buried - 4200	43.08	43.34	29	29.00	33.16	55.72	57.42	51.18	
Copper Investment per foot -buried - 3600	37.01	37.27	26	26.00	30.20	47.95	49.44	44.13	
Copper Investment per foot -buried - 3000	30.95	31.21	23	23.00	29.19	40.19	41.45	37.07	
Copper Investment per foot -buried - 2400	24.88	25.14	20	20.00	26.79	32.43	33.47	30.02	
Copper Investment per foot -buried - 2100	21.85	22.11	18		22.60	28.66	29.59	26.60	
Copper Investment per foot -buried - 1800	18.82	19.08	16	16.00	20.46	23.14	23.95	21.63	
Copper Investment per foot -buried - 1200	12.75	13.01	12	12.00	13.20	15.58	16.17	14.75	

GTE Telephone Operations
Inputs discussed during FCC Workshops

Input	WKSHOP LOW	WKSHOP HIGH	FCC Default	HAI Default	BCPM Default	GTE FL	GTE TX	GTE MO	Comments
Copper Investment per foot -buried - 900	9.72	9.98	10	10.00	10.70	11.95	12.43	11.45	
Copper Investment per foot -buried - 600	6.69	6.95	7.75	7.75	7.27	8.35	8.71	8.17	
Copper Investment per foot -buried - 400	4.66	4.92	6	6.00	5.67	5.83	6.12	5.87	
Copper Investment per foot -buried - 300	3.65	3.91	5.15		4.38	4.61	4.80	4.71	
Copper Investment per foot -buried - 200	2.64	2.90	4.25	4.25	3.49	3.35	3.51	3.58	
Copper Investment per foot -buried - 100	1.63	1.89	2.5	2.50	2.52	2.08	2.24	2.45	
Copper Investment per foot -buried - 50	1.13	1.39	1.63	1.63	2.16	1.48	1.61	1.89	
Copper Investment per foot -buried - 25	0.87	1.13	1.19	1.19	1.93	1.12	1.25	1.58	
Copper Investment per foot -buried - 18	0.80	1.06	0.9		1.93	1.12	1.25	1.58	
Copper Investment per foot -buried - 12	0.74	1.00	0.76	0.76	1.93	1.12	1.25	1.58	
Copper Investment per foot -buried - 6	0.68	0.94	0.63	0.63					
Copper Investment per foot -buried - 1	0.63	0.89	0.63						
Copper Investment per foot -aerial - 4200	35.86	36.12	29	29.00	37.18	56.25	57.44	50.86	
Copper Investment per foot -aerial - 3600	30.15	30.41	26	26.00	34.01	48.44	49.49	43.81	
Copper Investment per foot -aerial - 3000	25.23	25.49	23	23.00	33.36	40.63	41.54	36.76	
Copper Investment per foot -aerial - 2400	20.31	20.57	20	20.00	26.26	32.82	33.59	29.71	
Copper Investment per foot -aerial - 2100	17.85	18.11	18		20.88	30.57	31.27	27.65	
Copper Investment per foot -aerial - 1800	15.39	15.65	16	16.00	19.28	24.87	25.51	22.54	
Copper Investment per foot -aerial - 1200	10.46	10.72	12	12.00	12.78	16.35	16.85	14.86	
Copper Investment per foot -aerial - 900	8.00	8.26	10	10.00	9.86	12.50	12.94	11.39	
Copper Investment per foot -aerial - 600	5.54	5.80	7.75	7.75	7.21	8.67	9.03	7.93	
Copper Investment per foot -aerial - 400	3.90	4.16	6	6.00	5.58	5.94	6.26	5.47	
Copper Investment per foot -aerial - 300	3.08	3.34	5.15		4.88	4.86	5.05	4.46	
Copper Investment per foot -aerial - 200	2.26	2.52	4.25	4.25	3.84	3.49	3.70	3.24	
Copper Investment per foot -aerial - 100	1.44	1.70	2.5	2.50	2.99	2.23	2.45	2.11	
Copper Investment per foot -aerial - 50	1.03	1.29	1.63	1.63	2.59	1.63	1.82	1.60	
Copper Investment per foot -aerial - 25	0.83	1.09	1.19	1.19	2.50	1.27	1.49	1.27	
Copper Investment per foot -aerial - 18	0.77	1.03	0.9		2.50	1.27	1.49	1.27	
Copper Investment per foot -aerial - 12	0.72	0.98	0.76	0.76	2.50	1.27	1.49	1.27	
Copper Investment per foot -aerial - 6	0.67	0.93	0.63	0.63					
Copper Investment per foot -aerial - 1	0.63	0.89	0.63						
Copper Investment per foot -underground - 4200	36.27	36.53	29	29.00	35.60	58.93	60.62	53.35	
Copper Investment per foot -underground - 3600	31.18	31.44	26	26.00	33.30	50.73	52.19	45.94	
Copper Investment per foot -underground - 3000	26.08	26.34	23	23.00	28.21	42.53	43.76	38.54	
Copper Investment per foot -underground - 2400	20.99	21.25	20	20.00	21.50	34.32	35.33	31.13	
Copper Investment per foot -underground - 2100	18.45	18.71	18		19.49	30.34	31.24	27.54	
Copper Investment per foot -underground - 1800	15.90	16.16	16	16.00	17.38	24.54	25.32	22.35	
Copper Investment per foot -underground - 1200	10.81	11.07	12	12.00	11.95	17.27	17.82	15.76	
Copper Investment per foot -underground - 900	8.26	8.52	10	10.00	9.98	12.82	13.26	11.75	
Copper Investment per foot -underground - 600	5.71	5.97	7.75	7.75	7.52	9.01	9.32	8.30	

GTE Telephone Operations
Inputs discussed during FCC Workshops

Input	WKSHOP LOW	WKSHOP HIGH	FCC Default	HAI Default	BCPM Default	GTE FL	GTE TX	GTE MO	Comments
Copper Investment per foot -underground - 400	4.02	4.28	6	6.00	6.55	5.78	6.02	5.40	
Copper Investment per foot -underground - 300	3.17	3.43	5.15		4.42	4.65	4.81	4.34	
Copper Investment per foot -underground - 200	2.32	2.58	4.25	4.25	3.60	3.40	3.54	3.22	
Copper Investment per foot -underground - 100	1.47	1.73	2.5	2.50	2.65	2.16	2.27	2.11	
Copper Investment per foot -underground - 50	1.05	1.31	1.63	1.63	1.19	1.58	1.67	1.63	
Copper Investment per foot -underground - 25	0.83	1.09	1.19	1.19	1.00	1.22	1.31	1.28	
Copper Investment per foot -underground - 18	0.77	1.03	0.9		1.00	1.22	1.31	1.28	
Copper Investment per foot -underground - 12	0.72	0.98	0.76	0.76	1.00	1.22	1.31	1.28	
Copper Investment per foot -underground - 6	0.67	0.93	0.63	0.63					
Copper Investment per foot -underground - 1	0.63	0.89	0.63						

GTE Telephone Operations
Inputs discussed during FCC Workshops

Expenses	Invest	Description	LOW	HIGH	FCC Default	HAI	BCPM	GTE FL	GTE FL CAT Adjusted	GTE TX	GTE TX CAT Adjusted	GTE MO	Comments
6110	2212 - 16	Network Support	0.0170	0.0270	ARMIS	ARMIS	Per line	0.06099	0.05143	0.03893			
6120	2121 - 24	General Support	0.0620	0.0870	ARMIS	ARMIS	Per line	0.19109	0.14242	0.15214			
6212	2212	COE - Digital	0.0360	0.0610	0.0269	0.0269	Per line	0.04692	0.06679	0.07225	0.05150	0.06848	
6232	2232	Circuit - DDS											
6232	2232	Circuit - other than DDS											
6230		Total Circuit	0.0170	0.0220	0.0153	0.0153	Per line	0.00888	0.00948	0.00839	0.00757	0.00961	
6421	2421	Aerial Cable - metallic	0.0288	0.0619	0.0380	ARMIS	Per line	0.06910	0.04390	0.03577	0.06017	0.03253	The HCPM
6421	2421	Aerial Cable - fiber	0.0028	0.0062	0.0040	Repeated	Per line	0.01071	0.01076	0.00774	0.00779	0.00251	defaults are
6422	2422	Underground Cable - metallic	0.0131	0.0196	0.0190	ARMIS	Per line	0.00468	0.00288	0.01038	0.01608	0.05210	from the Wire
6422	2422	Underground Cable - fiber	0.0054	0.0101	0.0190	Repeated	Per line	0.00081	0.00082	0.00380	0.00375	0.00811	center module.
6423	2423	Buried Cable - metallic	0.0207	0.0482	0.0330	ARMIS	Per line	0.04527	0.03066	0.01993	0.02933	0.01651	DZ numbers
6423	2423	Buried Cable - fiber	0.0060	0.0184	0.0040	Repeated	Per line	0.00641	0.00686	0.00105	0.00105	0.00247	are different.

Expenses	Per Line	Description	LOW	HIGH	FCC Default	HAI	BCPM	GTE FL	GTE TX	GTE MO	Comments
6610		Marketing	$ -	$ 0.60	No input	No input	$ 0.35	$ 1.36	$ 1.29	$ 1.33	
6620		Service Expense	$ 1.29	$ 1.44	$ 1.22	$ 1.22	$ 2.42	$ 2.29	$ 2.25	$ 2.44	
6710 & 6720		Exec,Plan,G&A	$ 2.77	$ 2.85	4.02/6.02	10.40%	$ 2.29	$ 2.76	$ 3.17	$ 2.53	
6510		Other PP&E	$ 0.07	$ 0.08	ARMIS/0.5	ARMIS/0.5	$ 0.03	$ 0.05	$ 0.09	$ 0.10	These are based on ARMIS inputs
6530		Network Operations	$ 1.39	$ 1.54	ARMIS/0.5	ARMIS/0.5	$ 1.33	$ 1.72	$ 2.00	$ 2.16	and includes only local portion of
		Total (Accounts 65, 66, 67)	$ 5.52	$ 6.51			$ 6.42	$ 8.18	$ 8.80	$ 8.56	costs.

Exhibit 2

GTE

March 1, 1999

GTE Telephone Operations

Inputs not discussed during FCC Workshops

Distribution	FCC Default	FCC(Exp) Default	HAI Default	BCPM Default	GTE FL	GTE TX	GTE MO
Distribution Aerial Sharing Fraction - 0	0.5	1.00	0.50	0.50	0.5441	0.5837	0.5641
Distribution Aerial Sharing Fraction - 5	0.5	1.00	0.33	0.50	0.5441	0.5837	0.5641
Distribution Aerial Sharing Fraction - 100	0.5	1.00	0.25	0.50	0.5441	0.5837	0.5641
Distribution Aerial Sharing Fraction - 200	0.5	1.00	0.25	0.50	0.5441	0.5837	0.5641
Distribution Aerial Sharing Fraction - 650	0.5	1.00	0.25	0.50	0.5441	0.5837	0.5641
Distribution Aerial Sharing Fraction - 850	0.5	1.00	0.25	0.50	0.5441	0.5837	0.5641
Distribution Aerial Sharing Fraction - 2550	0.5	1.00	0.25	0.50	0.5441	0.5837	0.5641
Distribution Aerial Sharing Fraction - 5000	0.5	1.00	0.25	0.50	0.5441	0.5837	0.5641
Distribution Aerial Sharing Fraction - 10000	0.5	1.00	0.25	0.50	0.5441	0.5837	0.5641
Distribution Buried Sharing Fraction - 0	0.7	1.00	0.33	1.00	1.00	1.00	1.00
Distribution Buried Sharing Fraction - 5	0.7	1.00	0.33	0.95-1.00	1.00	1.00	1.00
Distribution Buried Sharing Fraction - 100	0.7	1.00	0.33	0.90-1.00	1.00	1.00	1.00
Distribution Buried Sharing Fraction - 200	0.7	1.00	0.33	0.80-1.00	1.00	1.00	1.00
Distribution Buried Sharing Fraction - 650	0.7	1.00	0.33	0.80-1.00	1.00	1.00	1.00
Distribution Buried Sharing Fraction - 850	0.7	1.00	0.33	0.80-1.00	1.00	1.00	1.00
Distribution Buried Sharing Fraction - 2550	0.7	1.00	0.33	0.80-1.00	1.00	1.00	1.00
Distribution Buried Sharing Fraction - 5000	0.7	1.00	0.33	0.80-1.00	1.00	1.00	1.00
Distribution Buried Sharing Fraction - 10000	0.7	1.00	0.33	0.80-1.00	1.00	1.00	1.00
Distribution Underground Sharing Fraction - 0	0.7	1.00	1.00	1.00	0.9718	0.9971	0.9995
Distribution Underground Sharing Fraction - 5	0.7	1.00	0.50	0.95	0.9718	0.9971	0.9995
Distribution Underground Sharing Fraction - 100	0.7	1.00	0.50	0.90	0.9718	0.9971	0.9995
Distribution Underground Sharing Fraction - 200	0.7	1.00	0.50	0.80	0.9718	0.9971	0.9995
Distribution Underground Sharing Fraction - 650	0.7	1.00	0.40	0.80	0.9718	0.9971	0.9995
Distribution Underground Sharing Fraction - 850	0.7	1.00	0.33	0.80	0.9718	0.9971	0.9995
Distribution Underground Sharing Fraction - 2550	0.7	1.00	0.33	0.80	0.9718	0.9971	0.9995
Distribution Underground Sharing Fraction - 5000	0.7	1.00	0.33	0.80	0.9718	0.9971	0.9995
Distribution Underground Sharing Fraction - 10000	0.7	1.00	0.33	0.80	0.9718	0.9971	0.9995
Buried Fraction - 0	0.7		0.75	0.60	0.7811	0.8344	0.6464
Buried Fraction - 5	0.7		0.75	0.61	0.7811	0.6786	0.7451
Buried Fraction - 100	0.7		0.75	0.62	0.7391	0.5344	0.3275
Buried Fraction - 200	0.7		0.70	0.62	0.7742	0.5495	0.8796
Buried Fraction - 650	0.7		0.70	0.65	0.7952	0.7887	0.8796
Buried Fraction - 850	0.7		0.70	0.65	0.6936	0.6597	0.8796

GTE Telephone Operations

Inputs not discussed during FCC Workshops

Distribution	FCC Default	FCC(Exp) Default	HAI Default	BCPM Default	GTE FL	GTE TX	GTE MO
Buried Fraction - 2550	0.6		0.65	0.55	0.6488	0.3766	0.8796
Buried Fraction - 5000	0.35		0.35	0.35	0.2414	0.3766	0.8796
Buried Fraction - 10000	0.1		0.05	0.10	0.2414	0.3766	0.8796
Aerial Cable Fraction - 0	0.3		0.25	0.4	0.2162	0.1639	0.3536
Aerial Cable Fraction - 5	0.3		0.25	0.37	0.2162	0.3132	0.2548
Aerial Cable Fraction - 100	0.3		0.25	0.33	0.2572	0.4282	0.6719
Aerial Cable Fraction - 200	0.3		0.30	0.3	0.2177	0.3934	0.1061
Aerial Cable Fraction - 650	0.25		0.30	0.2	0.1961	0.116	0.1061
Aerial Cable Fraction - 850	0.2		0.30	0.1	0.2968	0.2665	0.1061
Aerial Cable Fraction - 2550	0.2		0.30	0.05	0.3459	0.4683	0.1061
Aerial Cable Fraction - 5000	0.35		0.60	0.05	0.739	0.4683	0.1061
Aerial Cable Fraction - 10000	0.3		0.85	0	0.739	0.4683	0.1061
Underground Fraction - 0	0		0	0	0.0027	0.0017	0
Underground Fraction - 5	0		0	0.02	0.0027	0.0082	0.0001
Underground Fraction - 100	0		0	0.05	0.0037	0.0374	0.0006
Underground Fraction - 200	0		0	0.08	0.0081	0.0571	0.0143
Underground Fraction - 650	0.05		0	0.15	0.0087	0.0953	0.0143
Underground Fraction - 850	0.1		0	0.25	0.0096	0.0738	0.0143
Underground Fraction - 2550	0.2		0.05	0.4	0.0053	0.1551	0.0143
Underground Fraction - 5000	0.3		0.05	0.6	0.0196	0.1551	0.0143
Underground Fraction - 10000	0.6		0.1	0.9	0.0196	0.1551	0.0143

GTE Telephone Operations

Inputs not discussed during FCC Workshops

	FCC	FCC(Exp)	HAI	BCPM			
Distribution	Default	Default	Default	Default	GTE FL	GTE TX	GTE MO

GTE Telephone Operations

Inputs not discussed during FCC Workshops

Feeder	FCC Default	FCC(Exp) Default	HAI Default	BCPM Default	GTE FL	GTE TX	GTE MO
Feeder Aerial Sharing Fraction - 0	0.5	1.00	0.50	0.50	0.5441	0.5837	0.5641
Feeder Aerial Sharing Fraction - 5	0.5	1.00	0.33	0.50	0.5441	0.5837	0.5641
Feeder Aerial Sharing Fraction - 100	0.5	1.00	0.25	0.50	0.5441	0.5837	0.5641
Feeder Aerial Sharing Fraction - 200	0.5	1.00	0.25	0.50	0.5441	0.5837	0.5641
Feeder Aerial Sharing Fraction - 650	0.5	1.00	0.25	0.50	0.5441	0.5837	0.5641
Feeder Aerial Sharing Fraction - 850	0.5	1.00	0.25	0.50	0.5441	0.5837	0.5641
Feeder Aerial Sharing Fraction - 2550	0.5	1.00	0.25	0.50	0.5441	0.5837	0.5641
Feeder Aerial Sharing Fraction - 5000	0.5	1.00	0.25	0.50	0.5441	0.5837	0.5641
Feeder Aerial Sharing Fraction - 10000	0.5	1.00	0.25	0.50	0.5441	0.5837	0.5641
Feeder Underground Sharing Fraction - 0	0.7	1.00	0.50	1.00	0.9718	0.9971	0.9995
Feeder Underground Sharing Fraction - 5	0.7	1.00	0.50	0.975	0.9718	0.9971	0.9995
Feeder Underground Sharing Fraction - 100	0.7	1.00	0.40	0.95	0.9718	0.9971	0.9995
Feeder Underground Sharing Fraction - 200	0.7	1.00	0.33	0.925	0.9718	0.9971	0.9995
Feeder Underground Sharing Fraction - 650	0.7	1.00	0.33	0.90	0.9718	0.9971	0.9995
Feeder Underground Sharing Fraction - 850	0.7	1.00	0.33	0.90	0.9718	0.9971	0.9995
Feeder Underground Sharing Fraction - 2550	0.7	1.00	0.33	0.85	0.9718	0.9971	0.9995
Feeder Underground Sharing Fraction - 5000	0.7	1.00	0.33	0.85	0.9718	0.9971	0.9995
Feeder Underground Sharing Fraction - 1000	0.7	1.00	0.33	0.85	0.9718	0.9971	0.9995
Feeder Buried Sharing Fraction - 0	0.7	1.00	0.40	1.00	1.00	1.00	1.00
Feeder Buried Sharing Fraction - 5	0.7	1.00	0.40	0.975-1.00	1.00	1.00	1.00
Feeder Buried Sharing Fraction - 100	0.7	1.00	0.40	0.95-1.00	1.00	1.00	1.00
Feeder Buried Sharing Fraction - 200	0.7	1.00	0.40	0.925-1.00	1.00	1.00	1.00
Feeder Buried Sharing Fraction - 650	0.7	1.00	0.40	0.90-1.00	1.00	1.00	1.00
Feeder Buried Sharing Fraction - 850	0.7	1.00	0.40	0.90-1.00	1.00	1.00	1.00
Feeder Buried Sharing Fraction - 2550	0.7	1.00	0.40	0.85-1.00	1.00	1.00	1.00
Feeder Buried Sharing Fraction - 5000	0.7	1.00	0.40	0.85-1.00	1.00	1.00	1.00
Feeder Buried Sharing Fraction - 10000	0.7	1.00	0.40	0.85-1.00	1.00	1.00	1.00
Copper Aerial Fraction - 0	0.35		0.50	0.40	0.1139	0.1375	0.2645
Copper Aerial Fraction - 5	0.35		0.50	0.40	0.1139	0.2647	0.2106
Copper Aerial Fraction - 100	0.35		0.50	0.40	0.1724	0.5987	0.5802
Copper Aerial Fraction - 200	0.35		0.40	0.40	0.1612	0.3872	0.2995
Copper Aerial Fraction - 650	0.3		0.30	0.25	0.1155	0.1526	0.2995
Copper Aerial Fraction - 850	0.2		0.20	0.10	0.1586	0.3806	0.2995

GTE Telephone Operations

Inputs not discussed during FCC Workshops

Feeder	FCC Default	FCC(Exp) Default	HAI Default	BCPM Default	GTE FL	GTE TX	GTE MO
Copper Aerial Fraction - 2550	0.15		0.15	0.00	0.2003	0.4323	0.2995
Copper Aerial Fraction - 5000	0		0.10	0.00	0.1324	0.4323	0.2995
Copper Aerial Fraction - 10000	0		0.05	0.00	0.1324	0.4323	0.2995
Copper Buried Fraction - 0	0.6		0.45	0.50	0.8241	0.8606	0.7349
Copper Buried Fraction - 5	0.6		0.45	0.45	0.8241	0.7218	0.7869
Copper Buried Fraction - 100	0.6		0.45	0.40	0.6836	0.3055	0.3997
Copper Buried Fraction - 200	0.6		0.40	0.35	0.5980	0.3905	0.6197
Copper Buried Fraction - 650	0.3		0.30	0.30	0.6037	0.2725	0.6197
Copper Buried Fraction - 850	0.2		0.20	0.25	0.5026	0.2152	0.6197
Copper Buried Fraction - 2550	0.1		0.10	0.20	0.4832	0.1427	0.6197
Copper Buried Fraction - 5000	0.1		0.05	0.10	0.2254	0.1427	0.6197
Copper Buried Fraction - 10000	0.05		0.05	0.05	0.2254	0.1427	0.6197
Copper Underground Fraction - 0	0.05		0.05	0.1	0.0620	0.0019	0.0006
Copper Underground Fraction - 5	0.05		0.05	0.15	0.0620	0.0135	0.0025
Copper Underground Fraction - 100	0.05		0.05	0.2	0.1440	0.0958	0.0201
Copper Underground Fraction - 200	0.05		0.2	0.25	0.2408	0.2223	0.0808
Copper Underground Fraction - 650	0.4		0.4	0.45	0.2808	0.5749	0.0808
Copper Underground Fraction - 850	0.6		0.6	0.65	0.3388	0.4042	0.0808
Copper Underground Fraction - 2550	0.75		0.75	0.8	0.3165	0.425	0.0808
Copper Underground Fraction - 5000	0.9		0.85	0.9	0.6422	0.425	0.0808
Copper Underground Fraction - 10000	0.95		0.9	0.95	0.6422	0.425	0.0808
Fiber Aerial Fraction - 0	0.35		0.35	0.40	0.0021	0.1375	0.2645
Fiber Aerial Fraction - 5	0.35		0.35	0.40	0.0021	0.2647	0.2106
Fiber Aerial Fraction - 100	0.35		0.35	0.40	0.0024	0.5987	0.5802
Fiber Aerial Fraction - 200	0.35		0.30	0.40	0.0097	0.3872	0.2995
Fiber Aerial Fraction - 650	0.3		0.30	0.25	0.0113	0.1526	0.2995
Fiber Aerial Fraction - 850	0.2		0.20	0.10	0.0188	0.3806	0.2995
Fiber Aerial Fraction - 2550	0.15		0.15	0.00	0.0233	0.4323	0.2995
Fiber Aerial Fraction - 5000	0		0.10	0.00	0.0333	0.4323	0.2995
Fiber Aerial Fraction - 10000	0		0.05	0.00	0.0333	0.4323	0.2995
Fiber Buried Fraction - 0	0.6		0.60	0.50	0.1289	0.8606	0.7349
Fiber Buried Fraction - 5	0.6		0.60	0.45	0.1289	0.7218	0.7869
Fiber Buried Fraction - 100	0.6		0.60	0.40	0.0763	0.3055	0.3997

GTE Telephone Operations

Inputs not discussed during FCC Workshops

Feeder	FCC2 Default	FCC1Exp Default	HAI Default	BCPM Default	GTE FL	GTE TX	GTE MO
Fiber Buried Fraction - 200	0.6	0.60	0.35	0.0824	0.3905	0.6197
Fiber Buried Fraction - 650	0.3	0.30	0.30	0.0513	0.2725	0.6197
Fiber Buried Fraction - 850	0.2	0.20	0.25	0.0748	0.2152	0.6197
Fiber Buried Fraction - 2550	0.1	0.10	0.20	0.0297	0.1427	0.6197
Fiber Buried Fraction - 5000	0.1	0.05	0.10	0.0000	0.1427	0.6197
Fiber Buried Fraction - 10000	0.05	0.05	0.05	0.0000	0.1427	0.6197
Fiber Underground Fraction - 0	0.05	0.05	0.1	0.8691	0.0019	0.0006
Fiber Underground Fraction - 5	0.05	0.05	0.15	0.8691	0.0135	0.0025
Fiber Underground Fraction - 100	0.05	0.05	0.2	0.9214	0.0958	0.0201
Fiber Underground Fraction - 200	0.05	0.1	0.25	0.9078	0.2223	0.0808
Fiber Underground Fraction - 650	0.4	0.4	0.45	0.9374	0.5749	0.0808
Fiber Underground Fraction - 850	0.6	0.6	0.65	0.9065	0.4042	0.0808
Fiber Underground Fraction - 2550	0.75	0.75	0.8	0.9470	0.4250	0.0808
Fiber Underground Fraction - 5000	0.9	0.85	0.9	0.9667	0.4250	0.0808
Fiber Underground Fraction - 10000	0.95	0.9	0.95	0.9667	0.4250	0.0808

GTE Telephone Operations

Inputs not discussed during FCC Workshops

Aerial Structure Costs	HCPM Default	FCC (5/00) Default	HCPM Default	GTE FL	GTE TX	GTE MO	Comments
Normal							
Feeder Aerial - 0	1.68		3.12	4.58	4.64	3.82	
Feeder Aerial - 5	1.68		3.12	4.58	4.64	3.82	
Feeder Aerial - 100	2.1		3.12	4.58	4.64	3.82	
Feeder Aerial - 200	2.1		3.12	4.58	4.64	3.82	
Feeder Aerial - 650	2.4		5.17	4.58	4.64	3.82	
Feeder Aerial - 850	2.4		5.49	4.58	4.64	3.82	
Feeder Aerial - 2550	2.8		5.49	4.58	4.64	3.82	
Feeder Aerial - 5000	2.8		5.49	4.58	4.64	3.82	
Feeder Aerial - 10000	2.8		5.49	4.58	4.64	3.82	
Distribution Aerial - 0	1.68		3.12	4.58	4.64	3.82	
Distribution Aerial - 5	1.68		3.12	4.58	4.64	3.82	
Distribution Aerial - 100	2.1		3.12	4.58	4.64	3.82	
Distribution Aerial - 200	2.1		3.12	4.58	4.64	3.82	
Distribution Aerial - 650	2.4		5.17	4.58	4.64	3.82	
Distribution Aerial - 850	2.4		5.49	4.58	4.64	3.82	
Distribution Aerial - 2550	2.8		5.49	4.58	4.64	3.82	
Distribution Aerial - 5000	2.8		5.49	4.58	4.64	3.82	
Distribution Aerial - 10000	2.8		5.49	4.58	4.64	3.82	
Soft Rock							
Feeder Aerial - 0	1.68		3.54	4.58	4.64	3.82	
Feeder Aerial - 5	1.68		3.54	4.58	4.64	3.82	
Feeder Aerial - 100	2.1		3.54	4.58	4.64	3.82	
Feeder Aerial - 200	2.1		3.54	4.58	4.64	3.82	
Feeder Aerial - 650	2.4		5.86	4.58	4.64	3.82	
Feeder Aerial - 850	2.4		6.22	4.58	4.64	3.82	
Feeder Aerial - 2550	2.8		6.22	4.58	4.64	3.82	
Feeder Aerial - 5000	2.8		6.22	4.58	4.64	3.82	
Feeder Aerial - 10000	2.8		6.22	4.58	4.64	3.82	
Distribution Aerial - 0	1.68		3.54	4.58	4.64	3.82	
Distribution Aerial - 5	1.68		3.54	4.58	4.64	3.82	
Distribution Aerial - 100	2.1		3.54	4.58	4.64	3.82	
Distribution Aerial - 200	2.1		3.54	4.58	4.64	3.82	

GTE Telephone Operations

Inputs not discussed during FCC Workshops

Aerial Structure Costs	FCC Default	FCC(Exp) Default	BCPM Default	GTE FL	GTE TX	GTE MO	Comments
Distribution Aerial - 650	2.4		5.86	4.58	4.64	3.82	
Distribution Aerial - 850	2.4		6.22	4.58	4.64	3.82	
Distribution Aerial - 2550	2.8		6.22	4.58	4.64	3.82	
Distribution Aerial - 5000	2.8		6.22	4.58	4.64	3.82	
Distribution Aerial - 10000	2.8		6.22	4.58	4.64	3.82	
Hard Rock							
Feeder Aerial - 0	1.68		3.96	6.12	5.33	4.44	
Feeder Aerial - 5	1.68		3.96	6.12	5.33	4.44	
Feeder Aerial - 100	2.1		3.96	6.12	5.33	4.44	
Feeder Aerial - 200	2.1		3.96	6.12	5.33	4.44	
Feeder Aerial - 650	2.4		6.56	6.12	5.33	4.44	
Feeder Aerial - 850	2.4		6.93	6.12	5.33	4.44	
Feeder Aerial - 2550	2.8		6.93	6.12	5.33	4.44	
Feeder Aerial - 5000	2.8		6.93	6.12	5.33	4.44	
Feeder Aerial - 10000	2.8		6.93	6.12	5.33	4.44	
Distribution Aerial - 0	1.68		3.96	6.12	5.33	4.44	
Distribution Aerial - 5	1.68		3.96	6.12	5.33	4.44	
Distribution Aerial - 100	2.1		3.96	6.12	5.33	4.44	
Distribution Aerial - 200	2.1		3.96	6.12	5.33	4.44	
Distribution Aerial - 650	2.4		6.56	6.12	5.33	4.44	
Distribution Aerial - 850	2.4		6.93	6.12	5.33	4.44	
Distribution Aerial - 2550	2.8		6.93	6.12	5.33	4.44	
Distribution Aerial - 5000	2.8		6.93	6.12	5.33	4.44	
Distribution Aerial - 10000	2.8		6.93	6.12	5.33	4.44	

Exhibit 3

GTE
March 1, 1999

GTE Telephone Operations

	A	B	C	D	E	F	G	H	I	J
1	**GTE Inputs for Florida**									
2										
3	**Outdoor SAI**			**(Also Issue No. 1)**						
4										
5	Total Material Loading[1]			0.91943		Place Pad			248.63	
6	Total Support Loading[2]			0.20848		Straight splice 1-50 pairs			1.18	
7	Engineering Loading			0.3294		Straight splice 51-300 pairs			0.75	
8	Place SAI			135.93		Straight splice + 300 pairs			0.46	
9										
10	**CableSize**	**SAI Material**	**Pad Material**	**Loading SAI**	**Loading Pad**	**Eng Loading**	**Place SAI**	**Place Pad**	**Splice Cost**	**Total**
11		GTEAMS	GTEAMS	B12*D5	C12*D6	(B12+C12)*D7	D8	0	A12*I6	Sum B12:I12
12	50	$ 363.00	$ -	$ 333.75	$ -	$ 119.57	$ 135.93	$ -	$ 59.00	$ 1,011.25
13										
14		GTEAMS	GTEAMS	B15*D5	C15*D6	(B15+C15)*D7	D8	I5	A15*I8	Sum B15:I15
15	2400	$ 3,337.48	$ 473.00	$ 3,068.58	$ 98.61	$ 1,255.17	$ 135.93	$ 248.63	$ 1,104.00	$ 9,721.40
16	1 Material loading includes support loading and minor material loading									
17	2 Support loading includes freight, sales tax and provisioning									
18	**Fiber**			**(Also Issue No. 2)**						
19										
20	Total Material Loading			1.00970		Place aerial cable			0.33	
21	Total Support Loading			0.20848		Place strand			0.25	
22	Engineering Loading Aerial Fiber			0.0743		Place buried cable			0.50	
23	Engineering Loading Strand			0.4038		Place fiber cable in conduit			0.58	
24	Engineering Loading Buried			0.104		Splicing <= 48			32.33	
25	Engineering Loading Underground			0.0962		Splicing > 48			27.53	
26						Splicing Pit			122.68	
27	**Cable Siz**	**Material**	**Strand**	**Material Loadin**	**Strand Loading**	**Eng Loading**	**Place cable**	**Place Strand**	**Splice Cost**	**Total**
28	Aerial	GTEAMS	GTEAMS	B29*D20	C29*D21	B29*D22+C29*D23	I20	I21	A29*I24/886	Sum B29:I29
29	24	$ 0.73	$ 0.13	$ 0.74	$ 0.03	$ 0.11	$ 0.33	$ 0.25	$ 0.88	$ 3.19
30										
31	Buried	GTEAMS	0	B32*D20	0	B32*D24	I22	0	(A32*I24+I26)/1224	
32	24	$ 0.73	$ -	$ 0.73	$ -	$ 0.08	$ 0.50	$ -	$ 0.73	$ 2.77
33										
34	Undergrou	GTEAMS	0	B35*D20	0	B35*D25	I23	0	A35*I24/3000	
35	24	$ 0.73	$ -	$ 0.73	$ -	$ 0.07	$ 0.58	$ -	$ 0.26	$ 2.37

GTE Telephone Operations

	A	B	C	D	E	F	G	H	I	J
36										
37	**Copper**									
38										
39	Total Material Loading			0.91943		Place strand			0.25	
40	Total Support Loading			0.20848		Place buried cable			0.50	
41	Engineering Loading Aerial Copper			0.4038		Place copper cable in conduit			0.71	
42	Engineering Loading Strand			0.4038		Splicing (>300 pairs)			0.46	
43	Engineering Loading Buried Copper			0.3294		Splicing (100-300 pairs)			0.75	
44	Engineering Loading Underground			0.2163		Splicing (<= 50 pairs)			1.18	
45	Place aerial cable			0.33		Splicing Pit			122.68	
46										
47	**Cable Siz**	**Material**	**Strand**	**Material Loadin**	**Strand Loading**	**Eng Loading**	**Place cable**	**Place Strand**	**Splice Cost**	**Total**
48	Aerial	GTEAMS	GTEAMS	B49*D39	C49*D40	B49*D41+C49*D42	D45	I39	A49*I43/886	Sum B49:I49
49	100	$0.59	$ 0.13	$ 0.54	$ 0.03	$ 0.29	$ 0.33	$ 0.25	$ 0.08	$ 2.23
50										
51	Buried	GTEAMS	0	B52*D39	0	B52*D43	I40	0	(A52*I43+I45)/1224	
52	100	$ 0.63	$ -	$ 0.58	$ -	$ 0.21	$ 0.50	$ -	$ 0.16	$ 2.08
53										
54	Undergrou	GTEAMS	0	B55*D39	0	B55*D44	I41	0	A55*I43/750	
55	100	$0.63	$ -	$ 0.58	$ -	$ 0.14	$ 0.71	$ -	$ 0.10	$ 2.16
56										
57										
58	**Pole**									
59										
60	Total Material Loading			1.49769		Cut Solid Rock - per hole			$270.45	
61	Engineering Loading			0.3823						
62	Placing Non-shared Pole			$73.40						
63	Placing Shared Pole			$125.66						
64										
65	**Type**		**Base Price**	**Mat Loading**	**Eng Loading**	**Placing**	**Cost-Normal**	**Soft Rock**	**Hard Rock**	
66			GTEAMS	C67*D60	C67*D61	D62	SumC67:F67	G66	G66+I60	
67	Non-Joint (30 ft., cl5)		.$ 109.49	$ 163.98	$ 41.86	$ 73.40	$ 388.73	$ 388.73	$ 659.18	
68										
69			GTEAMS	C70*D60	C70*D61	D63	SumC67:F67	G66	G66+I60	
70	Joint Use (40 ft, cl4)		$ 253.03	$ 378.96	$ 96.73	$ 125.66	$ 854.38	$ 854.38	$ 1,124.83	
71										

GTE Telephone Operations

	A	B	C	D	E	F	G	H	I	J
72	**Guys and Anchor**									
73										
74	Total Support Loading			0.20848		Engineering Loading			0.3823	
75	Placing guys and anchor			$64.67		Placing guys and anchor			$64.67	
76										
77				**Base Price**	**Mat Loading**	**Eng Loading**	**Placing**	**Total**		
78				GTEAMS	D82*D74	D82*I74	I75	SumD82:G82		
79	Anchor, 10" + Anchor Rod			$39.32						
80	Guy (10 M strand - 25')			$1.80						
81	Guy Guard			$8.15						
82	Total Anchor/Guy/Guy Guard			$49.27	$10.27	$18.84	$64.67	$143.05		
83										
84	**Composite Pole Cost and Pole Sharing**									
85								% of Total		
86	Solely owned poles and occupied by only GTE						69,652	14.51%		
87	Poles owned by GTE and occupied by others (attachments)						46,434	9.67%		
88	Jointly owned poles						0	0.00%		
89	Non-GTE owned poles occupied by GTE:						363,865	75.81%		
90										
91	Combined Pole Cost-Normal			G67*G86 + G70*(G87+G88+G89)			$	786.81		
92	% Assigned to Telco-Normal			(G67*G86 + 0.5*G70*(G87+G88+G89))/G91				0.5358		
93	Combined Pole Cost-Soft Rock			H67*G86 + H70*(G87+G88+G89)			$	786.81		
94	% Assigned to Telco-Soft Rock			(H67*G86 + 0.5*H70*(G87+G88+G89))/G93				0.5358		
95	Combined Pole Cost-Hard Rock			I67*G86 + I70*(G87+G88+G89)			$	1,057.26		
96	% Assigned to Telco-Hard Rock			(I67*G86 + 0.5*I70*(G87+G88+G89))/G95				0.5452		
97										
98	**Aerial Structure Sharing**									
99										
100	Normal			(G91*G92 + H82/10)/(G91+ H82/10)				0.5441		
101	Soft Rock			(G93*G94 + H82/10)/(G93+ H82/10)				0.5441		
102	Hard Rock			(G95*G96 + H82/10)/(G95+ H82/10)				0.5513		
103										
104										
105										
106										

GTE Telephone Operations

	A	B	C	D	E	F	G	H	I	J
107	**Buried Structure Sharing**									
108										
109		TRENCH OCCUPIED BY GTE (trench-feet)					116,883,310			
110		JOINTLY OWNED TRENCH (trench-feet occupied by GTE and others)					0			
111		% Assigned to Telco		(G109+0.5*G110)/(G109+G110)			1			
112										
113	**Underground Structure Sharing**									
114										
115		SOLELY OWNED CONDUIT OCCUPIED BY GTE (duct-feet)					15,536,485			
116		CONDUIT OWNED BY GTE AND OCCUPIED BY OTHERS (rental)					450,774			
117		JOINTLY OWNED CONDUIT (duct-feet owned by others in same trench)					0			
118		% Assigned to Telco		(G115+0.5*G117)/(G115+G116+G117)			0.9718			
119										
120										
121	**Aerial Structure Costs**									
122										
123	Pole spacing			175		Guy and anchor spacing		1,750		
124										
125	Normal		(G91/175 + H82/1750)				$ 4.58			
126	Soft Rock		(G93/175 + H82/1750)				$ 4.58			
127	Hard Rock		(G95/175 + H82/1750)				$ 6.12			
128										
129										
130										
131										
132										
133										
134										
135										
136										
137										
138										
139										
140										
141										

GTE Telephone Operations

	A	B	C	D	E	F	G	H	I	J
142	**Expense**									
143										
144										
145	**Expense**	**Invest**	**Description**	**Expenses ($'000)**	**Investment ($'000)**	**Exp-Inv Ratio**	**CA Turner Factors**	**Invest CA Turner Adj**	**CAT AdjustedExp Inv Ratio**	
146	6110	2212 - 16	Network Su	3,596	58,962	0.06099	1.156,1,1,1.22,1.21	69,923	0.05143	
147	6120	2121 - 24	General Sup	72,872	381,350	0.19109	1.75,1.2,1.02,.68	511,682	0.14242	
148	6212	2212	COE - Digita	42,603	908,025	0.04692	0.7025	637,888	0.06679	
149	6232	2232	Circuit - DDS							
150	6232	2232	Circuit - other than DDS							
151	6230		Total Circuit	6,208	698,816	0.00888	0.9372	654,930	0.00948	
152	6421	2421	Aerial Cable	14,661	212,164	0.06910	1.5742	333,989	0.04390	
153	6421	2421	Aerial Cable	13	1,214	0.01071	0.9953	1,208	0.01076	
154	6422	2422	Undergroun	1,492	318,972	0.00468	1.6241	518,042	0.00288	
155	6422	2422	Undergroun	65	80,217	0.00081	0.9881	79,262	0.00082	
156	6423	2423	Buried Cabl	53,988	1,192,461	0.04527	1.4767	1,760,907	0.03066	
157	6423	2423	Buried Cabl	62	9,677	0.00641	0.9345	9,043	0.00686	
158										
159	Number of lines			2,314,065						
160	Percentage of local as per TSLRIC			0.6907						
161										
162	**Expense**	**Description**		**Expenses ($'000)**	**Local Expenses =D163*D160**	**Local Exp perline=E163*1000/D159/12**				
163	6610	Marketing		54,830	37,871	1.36				
164	6620	Service Expenses		91,893	63,470	2.29				
165	6710, 672	Executive,Planning,G&A)		110,859	76,570	2.76				
166	6510	Other PP&E		2,066	1,427	0.05				
167	6530	Network Operations		69,058	47,698	1.72				
168										
169										
170										
171										
172										
173										

GTE Telephone Operations

	A	B	C	D	E	F	G	H	I	J
174	**Structure Mix**									
175										
176	**Density**									
177	2 (6-100)									
178	**CENTRAL**	**FEEDER COPPER SHEATH FEET**			**FEEDER FIBER SHEATH FEET**			**DISTRIBUTION SHEATH FEET**		
179	**OFFICE**	**BURC**	**UG C**	**AERC**	**BURF**	**UG F**	**AERF**	**BURC**	**UG C**	**AERC**
180	ALTURAS	290594	0	56155	0	17,595	15	385,835	540	125816
181	BABSON	119833	1760	4133	2,859	16,565	0	272,325	2,749	92738
182	BAYSHOR	35193	10080	455	4,513	34,212	0	60,179	6,899	4778
183	BRADLEY	257026	5311	28249	39,288	71,218	0	319,036	0	43481
184	FROSTPR	506336	14684	108069	52,437	37,442	0	783,189	0	150225
185	INDIAN LA	109118	2222	70833	12,876	61,312	0	218,761	0	90443
186	LAKE WA	271563	7483	22634	0	47,025	0	518,146	0	58675
187	LAND O L	384966	122444	43092	0	77,429	242	2,139,898	16,899	758040
188	MYAKKA	392059	1604	6774	35	82,348	0	1,093,425	0	73549
189	PARRISH	566161	750	64588	800	34,778	0	678,727	0	33270
190	PINECRE	340233	19770	70235	3,000	20,484	0	486,709	1,928	312832
191	POLK CIT	344230	5295	12181	121	168,698	840	798,900	650	265713
192	WIMAUMA	317691	104680	56545	2,140	127,167	807	1,166,316	607	459822
193										
194	SUM	(B180:B192)	(C180:C192)	(D180:D192)	(E180:E192)	(F180:F192)	(G180:G192)	(H180:H192)	(I180:I192)	(J180:J192)
195		3935003	296083	543943	118,069	796,273	1,904	8,921,446	30,272	2469382
196										
197	**Structure**	**B195/SUM(B195:D195)**			**E195/SUM(E195:G195)**			**H195/SUM(H195:J195)**		
198	**%**	**0.8241**	**0.0620**	**0.1139**	**0.1289**	**0.8691**	**0.0021**	**0.7811**	**0.0027**	**0.2162**

(h)	1,437,301 Residential Lines	RETAIL ANALYSIS	1995 Common Cost	FLORIDA	TABLE 1	FLORIDA
(i)	497,036 Business Lines		378,536,000	GTE		GTE
(j)	55.92% Fixed Allocator			Sprint		Sprint
(k)	46.51% Fixed % Common					

I. Residence	Revenue per Line (a = c / h)	TSLRIC per Line (b = d / h)	Total Revenue (c)	Total TSLRIC (d)	Total Contribution (e = c - d)	Revenue @ Equal % Markup (f = d * (1 + j))	Flows (g = c - f)	Revenue @ Equal % Margin (l = d * (1 + k))	Revenue Per Line (m = l / h)	Per Line USF Support (n = a - m)	USF Flows @ Equal % Margin (o = c - l)
Local	$10.88	$24.36	$187,627,000	$420,151,824 *	($232,524,824)	$655,104,176	($467,477,176)	$615,564,437	$35.69	($24.81)	($427,937,437)
Local Usage	$1.54	$0.00	$26,545,117	$0	$26,545,117	$0	$26,545,117	$0	$0.00	$1.54	$26,545,117
Vertical	$2.50	$0.05	$43,184,252	$897,942	$42,286,310	$1,400,079	$41,784,174	$1,315,575	$0.08	$2.42	$41,868,678
Toll	$2.01	$0.18	$34,605,329	$3,108,700	$31,496,629	$4,847,111	$29,758,219	$4,554,556	$0.26	$1.75	$30,050,773
Intrastate Switched Access											
- End Office Switching	$0.77	$0.29	$13,201,772	$4,982,853	$8,218,919	$7,769,305	$5,432,467	$7,300,378	$0.42	$0.35	$5,901,394
- Carrier Common Line	$2.69	$0.00	$46,314,347	$0	$46,314,347	$0	$46,314,347	$0	$0.00	$2.69	$46,314,347
- End User Common Line	$0.00	$0.00	$0	$0	$0	$0	$0	$0	$0.00	$0.00	$0
- Transport Interconnection Charge	$0.00	$0.00	$0	$0	$0	$0	$0	$0	$0.00	$0.00	$0
- Transport	$1.88	$0.06	$32,418,086	$949,044	$31,469,042	$1,479,757	$30,938,329	$1,390,444	$0.08	$1.80	$31,027,642
Interstate Switched Access											
- End Office Switching	$2.17	$0.67	$37,388,183	$11,506,797	$25,881,386	$17,941,492	$19,446,691	$16,858,608	$0.98	$1.19	$20,529,575
- Carrier Common Line	$3.13	$0.00	$53,976,212	$0	$53,976,212	$0	$53,976,212	$0	$0.00	$3.13	$53,976,212
- End User Common Line	$3.50	$0.00	$60,310,000	$0	$60,310,000	$0	$60,310,000	$0	$0.00	$3.50	$60,310,000
- Transport Interconnection Charge	$0.42	$0.00	$7,177,704	$0	$7,177,704	$0	$7,177,704	$0	$0.00	$0.42	$7,177,704
- Transport	$0.45	$0.13	$7,788,119	$2,191,607	$5,596,512	$3,417,172	$4,370,948	$3,210,923	$0.19	$0.26	$4,577,196
Total Residence	$31.94	$25.74	$560,536,123	$443,788,767	$108,747,356	$691,959,092	($141,422,969)	$650,194,923	$37.70	($5.76)	($89,658,800)

II. Business	Revenue per Line (a = c / i)	TSLRIC per Line (b = d / i)	Total Revenue (c)	Total TSLRIC (d)	Total Contribution (e = c - d)	Revenue @ Equal % Markup (f = d * (1 + j))	Flows (g = c - f)	Revenue @ Equal % Margin (l = d * (1 + k))	Revenue Per Line (m = l / i)	Per Line USF Support (n = a - m)	USF Flows @ Equal % Margin (o = c - l)
Local	$33.06	$23.81	$197,182,000	$142,037,160 *	$55,144,840	$221,465,507	($24,283,507)	$208,096,643	$34.89	($1.83)	($10,916,643)
Local Usage	$3.23	$0.00	$19,282,256	$0	$19,282,256	$0	$19,282,256	$0	$0.00	$3.23	$19,282,256
Vertical	$1.29	$0.61	$7,690,268	$3,656,264	$4,034,004	$5,700,877	$1,989,391	$5,356,792	$0.90	$0.39	$2,333,475
Toll	$3.22	$0.43	$19,186,671	$2,585,163	$16,601,508	$4,030,807	$15,155,863	$3,787,522	$0.64	$2.58	$15,399,148
Intrastate Switched Access											
- End Office Switching	$1.13	$0.43	$6,762,610	$2,552,468	$4,210,142	$3,979,829	$2,782,781	$3,739,621	$0.63	$0.50	$3,022,989
- Carrier Common Line	$3.93	$0.00	$23,415,456	$0	$23,415,456	$0	$23,415,456	$0	$0.00	$3.93	$23,415,456
- End User Common Line	$0.00	$0.00	$0	$0	$0	$0	$0	$0	$0.00	$0.00	$0
- Transport Interconnection Charge	$0.00	$0.00	$0	$0	$0	$0	$0	$0	$0.00	$0.00	$0
- Transport	$2.73	$0.08	$16,301,729	$486,147	$15,815,582	$758,004	$15,543,724	$712,254	$0.12	$2.61	$15,589,475
Interstate Switched Access											
- End Office Switching	$4.49	$1.38	$26,776,741	$8,240,960	$18,535,781	$12,849,373	$13,927,368	$12,073,830	$2.02	$2.47	$14,702,911
- Carrier Common Line	$6.48	$0.00	$38,656,788	$0	$38,656,788	$0	$38,656,788	$0	$0.00	$6.48	$38,656,788
- End User Common Line	$5.65	$0.00	$33,716,000	$0	$33,716,000	$0	$33,716,000	$0	$0.00	$5.65	$33,716,000
- Transport Interconnection Charge	$0.86	$0.00	$5,140,542	$0	$5,140,542	$0	$5,140,542	$0	$0.00	$0.86	$5,140,542
- Transport	$0.94	$0.26	$5,577,711	$1,569,590	$4,008,121	$2,447,318	$3,130,393	$2,299,606	$0.39	$0.55	$3,278,104
Total Business	$67.01	$27.00	$399,688,771	$161,127,752	$238,561,019	$251,231,715	$148,457,056	$236,068,269	$39.59	$27.42	$163,620,501

III.	Private Lines			$13,810,152	$12,764,952	$1,045,200	$19,903,218	($6,093,066)	$18,701,931		($4,891,779)
IV.	Other Miscellaneous	$13.14	$8.45	$305,000,955	$196,216,241	$108,784,714	$305,941,975	($941,020)	$287,476,415		$17,524,540
	Total Regulated	$54.67	$35.06	$1,269,036,000	$813,897,712	$455,138,288	$1,269,036,000	$0	$1,192,441,538		$76,594,462

Local Usage TSLRIC included with Local TSLRIC

TSLRIC: (Residence local + Business local) / Total Regulated

(420,151,824 + 142,037,160) / 813,897,712 = .6907

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Summary: GTE FL

	BCPM 3.1 GTE specific		Actual GTE FL	GTE input	Predicted output
	Input Fill	Realized Utilization	Utilization	to FCC Model	utilization[2] of GTE input
Distribution Fill[1]	98.00%	31.20%	24.51%	40.00%	32.52%
Copper Feeder Fill	65.00%	53.46%	52.71%	65.00%	52.85%

1. BCPM input distribution fill of 98% is applied to ultimate demand, with 2.5 pairs per HU, while FCC model builds to current demand.

2. Due to effect of discrete cable sizing, resultant utilization is predicted, on average, to be equal to input fill divided by 1.23

CO RP	ST	ICGS WC #	Have	Edit	MARK WC #	Have	Edit	CENTRAL OFFICE	WC CATG	Feeder Pair Miles Installed	Feeder Pair Miles Used	Feeder Pair Miles Utilization	Distribution Pair Miles Installed	Distribution Pair Miles Used	Distribution Pair Miles Utilization
G	FL	2218	x		221	x		BAYOU	High	138402	64454	46.57%	53415	12582	23.55%
G	FL	1461	x		114	x	B	BEACH PARK	High	89033	30464	34.22%	25441	3114	12.24%
G	FL	1217	x		151	x		CARROLLWOOD	High	220155	124824	56.70%	143940	27274	18.95%
G	FL	5213	x		501	x		COUNTRYSIDE	High	168158	91446	54.38%	77803	20222	25.99%
G	FL	5215	x		507	x		DUNEDIN	High	78742	42768	55.73%	55992	10486	18.73%
G	FL	1717	x		197	x		HYDE PARK	High	80760	38881	48.14%	22413	5518	24.62%
G	FL	5113	x		524	x		INDIAN ROCKS	High	52055	35632	68.45%	26440	8502	32.16%
G	FL	5111	x		547	x		LARGO	High	130425	65915	50.54%	43286	14335	33.12%
G	FL	2114	x		581	x		LEALMAN	High	157258	79653	50.65%	42689	17177	40.24%
G	FL	2215	x		227	x		NORTH GULF BEACH	High	145158	102995	70.95%	42726	19314	45.20%
G	FL	2313	x		217	x		PASADENA	High	148350	60748	40.95%	40115	9727	24.25%
G	FL	5112	x		511	x		PINELLAS	High	157925	76632	48.52%	52586	15893	30.22%
G	FL	4111	x		491	x		SARASOTA MAIN	High	184061	75018	40.76%	60475	13489	22.30%
G	FL	1615	x		621	x		SEMINOLE	High	65298	35259	54.00%	24379	8968	36.79%
G	FL	2417	x		255	x		SKYWAY	High	100654	56344	55.98%	24093	9883	41.02%
G	FL	5217	x		557	x	S	ST. GEORGE	High	145613	88229	60.59%	83005	24289	29.26%
G	FL	2411	x		244	x	S	ST. PETERSBURG MAIN	High	173570	84652	48.77%	53046	10026	18.90%
G	FL	1211	x		141	x		SULPHUR SPRINGS	High	123742	64574	52.18%	57673	12824	22.24%
G	FL	1415	x		154	x		SWEETWATER	High	179273	83094	46.35%	84776	18362	21.66%
G	FL	1611	x		191	x		TAMPA MAIN	High	91039	26497	29.11%	22541	3729	16.54%
G	FL	1411	x		131	x		TAMPA WESTSIDE	High	175808	83372	47.48%	42172	9461	22.43%
G	FL	1212	x		121	x		TEMPLE TERRACE	High	108657	58069	53.44%	61091	12627	20.67%
G	FL	1219	x		117	x		UNIVERSITY	High	100526	55252	54.96%	44997	14714	32.70%
G	FL	1712	x		674	x		WALLCRAFT	High	11[illegible]232	74817	67.26%	42056	11787	28.03%
G	FL	1612	x		184	x		YBOR	High	45028	22736	50.49%	15972	5480	34.31%
G	FL	3122	x		331			ALTURAS	Low	15946	8870	55.62%	7396	2653	35.87%
G	FL	1713	x		194	x		BAYSHORE	Low	4117	1317	31.98%	2565	531	20.70%
G	FL	3132	x		384			BRADLEY	Low	9305	2424	26.05%	2041	410	20.07%
G	FL	3241	x		361			FROSTPROOF	Low	13302	9858	74.11%	20317	3762	18.52%
G	FL	3233	x		344			INDIAN LAKE MAIN	Low	7321	1885	25.75%	5617	795	14.15%
G	FL	3234	x		317			LAKE WALES EAST	Low				9963	2797	28.08%
G	FL	1218	x		127	x	L	LAND O'LAKES	Low	36096	23383	64.73%	20794	6211	29.87%
G	FL	4231	x		437	x		MYAKKA	Low				9403	3865	41.10%
G	FL	4222	x		434	x		PARRISH	Low	17104	9628	56.29%	7214	2062	28.59%
G	FL	0			0			POINCIANA	Low	ICGS and MARK files not available					
G	FL	3251	x		341			POLK CITY	Low	16587	11625	70.09%	17830	3599	20.19%
G	FL	4113	x		407	x		ST. ARMANDS KEY	Low	5554	2756	49.62%	1288	591	45.93%
G	FL	1314	x		164	x		ALAFIA	Medium	72773	39458	54.22%	51213	9876	19.28%
G	FL	4212	x		484	x	A	ANNA MARIA	Medium	29140	15651	53.71%	11149	2809	25.19%
G	FL	3221	x		314	x		AUBURNDALE	Medium	29612	6445	21.77%	13533	2087	15.42%
G	FL	3232	x		603	x		BABSON PARK	Medium	8193	6633	80.96%	7005	1797	25.65%
G	FL	3121			357			BARTOW	Medium	Bad ICGS and MARK files					
G	FL	4214	x		457	x	B	BRADENTON BAY	Medium	202648	98707	48.71%	81047	21076	26.00%
G	FL	4211	x		444	x	B	BRADENTON MAIN	Medium	185913	86698	46.63%	65010	13181	20.27%
G	FL	1313	x		181	x		BRANDON	Medium	190676	111153	58.29%	127218	28433	22.35%
G	FL	5211	x		504	x		CLEARWATER	Medium	No ICGS					
G	FL	3215	x		334			CYPRESS GARDENS	Medium	53033	28990	54.66%	21316	5621	26.37%
G	FL	3263	x		667	x		DUNDEE	Medium	29227	22298	76.29%	13869	3687	26.59%
G	FL	4321	x		461	x		ENGLEWOOD	Medium	80682	38886	48.20%	58192	12971	22.29%
G	FL	2127	x		211	x		FEATHERSOUND	Medium	45431	16988	37.39%	21825	4647	21.29%
G	FL	2123	x		224	x		GANDY	Medium	97291	35828	36.83%	32343	6974	21.56%
G	FL	3261	x		354			HAINES CITY MAIN	Medium	49698	25602	51.52%	44512	7389	16.60%
G	FL	3262	x		337		H	HAINES CITY NORTH	Medium	30279	16354	54.01%	20570	4013	19.51%
G	FL	3112			304	x		HIGHLANDS	Medium	Missing ICGS file					
G	FL	5331	x		537	x		HUDSON	Medium	112079	65834	58.74%	104407	23724	22.72%
G	FL	1418	x		157	x		KEYSTONE	Medium	52147	27590	52.91%	34466	8612	24.99%
G	FL	3212	x		311	x		LAKE ALFRED	Medium	16635	10785	64.83%	6733	1765	26.21%
G	FL	3231	x		374			LAKE WALES MAIN	Medium	Bad ICGS					
G	FL	3115	x		327			LAKELAND EAST	Medium	73155	43561	59.55%	59577	10160	17.05%
G	FL	3111			324	x		LAKELAND MAIN	Medium	No ICGS					
G	FL	3113	x		307		L	LAKELAND NORTH	Medium	91147	70322	77.15%	80294	18743	23.34%
G	FL	4118	x		494	x		LONGBOAT KEY	Medium	50312	25584	50.85%	11691	3655	31.27%
G	FL	1213	x		161	x		LUTZ	Medium	63795	36884	57.82%	37031	10495	28.34%
G	FL	5332	x		531	x	M	MOON LAKE	Medium	32360	17147	52.99%	33291	8351	25.09%
G	FL	3131	x		371			MULBERRY	Medium	Bad ICGS					
G	FL	5321	x		517	x		NEW PORT RICHEY	Medium	173334	90987	52.49%	96563	22321	23.12%
G	FL	4331	x		487	x	N	NORTH PORT	Medium	32171	21325	66.29%	50961	10233	20.08%
G	FL	1414	x		167	x		OLDSMAR	Medium	55011	32779	59.59%	47169	7523	15.95%
G	FL	4312	x		497	x		OSPREY	Medium	30231	18612	61.57%	13140	5107	38.86%
G	FL	4215	x		481	x	P	PALMA SOLA	Medium	89416	42191	47.18%	44630	11691	26.20%
G	FL	4221	x		441	x		PALMETTO	Medium	97154	42968	44.25%	46612	14303	30.69%
G	FL	3612	x		321	x		PINECREST	Medium	26895	18884	70.21%	12321	5213	42.31%
G	FL	3611	x		381	x		PLANT CITY	Medium	122862	99066	80.63%	69154	20166	29.16%
G	FL	1315	x		174	x		RUSKIN	Medium	44590	27055	60.67%	34905	7596	21.76%
G	FL	4112	x		404	x		SARASOTA NORTHSIDE	Medium	Bad ICGS file					
G	FL	4114	x		424	x		SARASOTA SOUTHSIDE	Medium	Bad ICGS file					
G	FL	4117	x		421	x	S	SARASOTA SPRINGS	Medium	129242	81394	62.98%	83521	17904	21.44%
G	FL	5322	x		534	x	S	SEVEN SPRINGS	Medium	40550	19762	48.74%	33838	8406	24.84%
G	FL	4119	x		427	x		SIESTA KEY	Medium	38861	21745	55.96%	5918	2759	46.61%
G	FL	2312	x		241	x		SOUTH GULF BEACH	Medium	60910	25741	42.26%	12353	5514	44.63%
G	FL	2416	x		254	x		ST. PETERSBURG SOUTH	Medium	No MARK file					

NOT FOR USE OR DISCLOSURE OUTSIDE GTE
WITHOUT WRITTEN PERMISSION

CO RP	ST	ICGS WC #	Have	Edit	MARK WC #	Have	Edit	CENTRAL OFFICE	WC CATG	Feeder Pair Miles Installed	Feeder Pair Miles Used	Feeder Pair Miles Utilization	Distribution Pair Miles Installed	Distribution Pair Miles Used	Distribution Pair Miles Utilization
G	FL	1316	x		171			TAMPA EAST	Medium	No MARK file					
G	FL	5311	x		551	x		TARPON SPRINGS	Medium	110268	52177	47.32%	75507	21545	28.53%
G	FL	1215	x		137	x		THONOTOSASSA	Medium	6684	2096	31.35%	9520	2161	22.69%
G	FL	4311	x		477	x	V	VENICE MAIN	Medium	96209	56618	58.85%	59143	15098	25.53%
G	FL	4313	x		464	x	V	VENICE SOUTH	Medium	78848	31008	39.33%	36595	15763	43.07%
G	FL	1214	x		124	x		WESLEY CHAPEL	Medium	50779	25823	50.85%	37172	10526	28.32%
G	FL	1317	x		177	x		WIMAUMA	Medium	50864	38271	75.24%	60275	10860	18.02%
G	FL	3211	x		351			WINTER HAVEN	Medium	192448	83972	43.63%	62933	16817	26.72%
G	FL	3623	x		347			ZEPHYRHILLS	Medium	143405	84226	58.73%	107308	16169	15.07%
G	FL	99999			9999			Summary	High	3168720	1622325	51.20%	1243122	319783	25.72%
G	FL	99999			9999			Summary	Med	3266956	1764118	54.00%	1935830	457741	23.65%
G	FL	99999			9999			Summary	Low	125332	71726	57.23%	104426	27276	26.12%
G	FL	99999			9999			Summary	Total	6561008	3458169	52.71%	3283378	804800	24.51%

Exhibit 4

GTE

March 1, 1999

Additional Issue List for the FCC Model:

GTE

March 1, 1999

1. The FDI/SAI costs seem to be miscalculated in two ways.

- Model uses the line count on the feeder side alone, instead of the line count on both feeder side and distribution side, to select the appropriate size of FDI/SAI. See code "unit tech". In Line 92, L26 is calculated as number of copper pairs served by 26-gauge cable. And in Lines 131-136, L26 is used to size the FDI/SAI.
- For FDI/SAI sizing, FDI/SAI investments are miscalculated to be annualized capital costs. They should not have been subject to the ACF factor. The annualizing process will happen in HAI module. See code "unit tech", Line 135 for the definition of "tmp3" (with ACF applied), and see Lines 205, 217, 225 for use of "tmp3" as the interface_cost.

2. Fiber Splice cost is independent of sizes of fiber cable. The input value is used as total cost of splicing fiber cable if splicing is used, without regard to the number of underlying fiber strands. The default input value of $26 used, as total cost of splicing, is impossibly low. GTE's cost of splicing, ***per strand***, is approximately $30. See code "unit primfeed" Lines 519 and 524 for example.

3. The calculated fill factors don't look correct.

- They are calculated to be line-weighed input fills. See code "program feeddist", Lines, 179, 185, 203, 204. They should have been calculated based on the sizes and quantities of cables used with cable sizing factors taken into account.
- The results shown in the "feedgrid" do not look right. Using feeder fills from the FCC proposal with a range between 80% to 90%, the Model produces the calculated feeder fills for some clusters to be as low as 0 and 14%. See sample printout for "Feedgrid".

```
1   unit tech;
2   {$X+}
3   {$N+}
4   interface
5   uses Globals, Terminal, Cable, WinDOS, WinCrt;
6   procedure calculate_feeder_technology(
7                                         feeder_distance : double;
8                                         i               : integer;
9                                         density         : double;
10                                        FillFactor      : double;
11                                        var
12                                        technology      : techtype;
13                                        var
14                                        n2016           : integer;
15                                        var
16                                        n1344           : integer;
17                                        var
18                                        n672            : integer;
19                                        var
20                                        n96             : integer;
21                                        var
22                                        n24             : integer;
23                                        pct_ugd         : double;
24                                        pct_bur         : double;
25                                        pct_aer         : double
26                                       );
27
28
29  implementation
30  procedure calculate_feeder_technology(
31                                        feeder_distance : double;
32                                        i               : integer;
33                                        density         : double;
34                                        FillFactor      : double;
35                                        var
36                                        technology      : techtype;
37                                        var
38                                        n2016           : integer;
39                                        var
40                                        n1344           : integer;
41                                        var
42                                        n672            : integer;
43                                        var
44                                        n96             : integer;
45                                        var
46                                        n24             : integer;
47                                        pct_ugd         : double;
48                                        pct_bur         : double;
49                                        pct_aer         : double
50                                       );
51  const big           : double=1.0e50;
52
53  var
54      n               : integer;
55      tmp1            : double;
56      tmp2            : double;
57      tmp3            : double;
```

```
    l26             : double;
    l24             : double;
    lt1             : double;
    lf              : double;
    uc              : double;
    bc              : double;
    ac              : double;
    uf              : double;
    bf              : double;
    af              : double;
    cost            : array[copper26..fiber] of double;
    cmin            : double;
    techmin         : techtype;
    t               : techtype;

begin

          n2016 := 0;
          n672 := 0;
          n96 := 0;
          n24 := 0;
          technology := copper26;

          SA_array^[i]^.fiber_terminal_cost := zero;
          SA_array^[i]^.t1_terminal_cost := zero;
          SA_array^[i]^.interface_cost := zero;

          SA_array^[i]^.n2016 := 0;
          SA_array^[i]^.n1344 := 0;
          SA_array^[i]^.n672 := 0;
          SA_array^[i]^.n96 := 0;
          SA_array^[i]^.n24 := 0;
          SA_array^[i]^.nc96 := 0;
          SA_array^[i]^.nc24 := 0;

          l26 := SA_array^[i]^.ResLines/FillFactor +
                (SA_array^[i]^.BusLines - 11.0/12.0*SA_array^[i]^.SwitchedDS1 +
                 SA_array^[i]^.SpclAccessLines -
11.0/12.0*SA_array^[i]^.SpclAccessDS1)/FillFactor;

(*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!NOTE!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
!!!!!!!!!!!!!!!!!!!!!!!*)
          {   The special access term above has been added to SA.BusLines to
comport with HAI.  Originally, it  }
          {   was subtracted.
}

(*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!NOTE!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
!!!!!!!!!!!!!!!!!!!!!!!*)
          l24 := l26;

          lt1 := SA_array^[i]^.lines/FillFactor*t1_redundancy_factor/12.0;

          tmp1 :=

fiber_terminal_cost_fn(SA_array^[i]^.lines/FillFactor,feeder_distance,SA_array^
[i]^.density,
```

```
                    n2016,n1344,n672,n96,n24,
                    pct_ugd,pct_bur,pct_aer);
          tmp1 := tmp1*ac_fib_term;

          lf := (n2016+n1344+n672+n96+n24)*4.0/FiberFillFactor;

          { Calculate provisional terminal costs.  Note that the terminal cost
fns use DS0 equivalent lines, so we }
          { need the fill factor, but not DS1 calculations.
}


          tmp2 :=
             t1_terminal_cost_fn(SA_array^[i]^.lines/FillFactor,n96,n24);
          tmp2 := tmp2*ac_t1_term;

          tmp3 := zero;
          for n := 1 to NumXCBoxSizes do
          if l26 >= IntfcCost[n]^.NumLines
          then tmp3 := IntfcCost[n]^.cost;
          tmp3 := tmp3*ac_fdi;



          { We will choose feeder technology by least-cost under the assumption
that each SA sends feeder directly }
          { to the switch without sharing cable.  For digital terminals, the
cost of an FDI is added.              }


          cost[copper26] :=
feed_cable_cost(l26,density,copper26,uc,bc,ac,uf,bf,af,pct_ugd,pct_bur,pct_aer)
;
          cost[copper26] := (uc*ac_ugd_cop + bc*ac_bur_cop + ac*ac_aer_cop +
uf*ac_ugd_fib + bf*ac_bur_fib + af*ac_aer_fib)*
                              feeder_distance + tmp3;

          cost[copper24] :=
feed_cable_cost(l24,density,copper24,uc,bc,ac,uf,bf,af,pct_ugd,pct_bur,pct_aer)
;
          cost[copper24] := (uc*ac_ugd_cop + bc*ac_bur_cop + ac*ac_aer_cop +
uf*ac_ugd_fib + bf*ac_bur_fib + af*ac_aer_fib)*
                              feeder_distance + tmp3;

          cost[t_1] :=
feed_cable_cost(lt1,density,t_1,uc,bc,ac,uf,bf,af,pct_ugd,pct_bur,pct_aer);
          cost[t_1] := (uc*ac_ugd_cop + bc*ac_bur_cop + ac*ac_aer_cop +
uf*ac_ugd_fib + bf*ac_bur_fib + af*ac_aer_fib)*
                         feeder_distance + tmp2 + tmp3;

          cost[fiber]  := feed_cable_cost(
lf,density,fiber,uc,bc,ac,uf,bf,af,pct_ugd,pct_bur,pct_aer);
          cost[fiber]  := (uc*ac_ugd_cop + bc*ac_bur_cop + ac*ac_aer_cop +
uf*ac_ugd_fib + bf*ac_bur_fib + af*ac_aer_fib)*
                            feeder_distance + tmp1 + tmp3;
```

```
172             if (feeder_distance + SA_array^[i]^.MaxDistance > copper_gauge_xover)
173             or (feeder_distance + SA_array^[i]^.MaxDistance >
174  max_copper_distance)
175             or (feeder_distance > copper_t1_xover)
176             then cost[copper26] := big;
177
178             if (feeder_distance + SA_array^[i]^.MaxDistance >
179  max_copper_distance)
180             or (feeder_distance > copper_t1_xover)
181             then cost[copper24] := big;
182
183             if (feeder_distance > t1_fiber_xover)
184             then cost[t_1] := big;
185
186             cmin := cost[copper26]; techmin := copper26;
187             for t := copper26 to fiber do
188                 if cost[t] < cmin then
189                 begin
190                      techmin := t;
191                      cmin    := cost[t];
192                 end;
193
194
195             technology := techmin;
196             SA_array^[i]^.feeder_technology := techmin;
197
198             if technology = fiber then
199             begin
200                  SA_array^[i]^.fiber_terminal_cost :=
201
202  fiber_terminal_cost_fn(SA_array^[i]^.lines/FillFactor,feeder_distance,SA_array^
203  [i]^.density,
204
205  n2016,n1344,n672,n96,n24,pct_ugd,pct_bur,pct_aer);
206                  SA_array^[i]^.interface_cost := tmp3;
207                  SA_array^[i]^.n2016 := n2016;
208                  SA_array^[i]^.n1344 := n1344;
209                  SA_array^[i]^.n672 := n672;
210                  SA_array^[i]^.n96 := n96;
211                  SA_array^[i]^.n24 := n24;
212             end
213             else if technology = t_1 then
214             begin
215                  SA_array^[i]^.t1_terminal_cost :=
216  t1_terminal_cost_fn(SA_array^[i]^.lines/FillFactor,n96,n24);
217                  SA_array^[i]^.interface_cost := tmp3;
218                  SA_array^[i]^.nc96 := n96;
219                  SA_array^[i]^.nc24 := n24;
220                  n2016 := 0;
221                  n672 := 0;
222             end
223             else                                                { technology
224  is analog }
225                  SA_array^[i]^.interface_cost := tmp3;
226
227             { Add in switched DS1 line terminals }
228  (*
```

```
            if (technology=copper26) or (technology=copper24) then
            begin
                  SA_array^[i]^.t1_terminal_cost := SA_array^[i]^.t1_terminal_cost
+

t1_terminal_cost_fn((SA_array^[i]^.SwitchedDS1+SA_array^[i]^.SpclAccessDS1){*12
.0},
                                                                      n96,n24);

                  {!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!  NOTE
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!}
                  {   All DS1 counts in the serving area database are left as DS0
equivalents, so *12 has been commented }
                  {   out.
}
                  {!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!  NOTE
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!}

                  SA_array^[i]^.nc96 := SA_array^[i]^.nc96 + n96;
                  SA_array^[i]^.nc24 := SA_array^[i]^.nc24 + n24;
                  n2016 := 0;
                  n1344 := 0;
                  n672 := 0;
                  n96 := SA_array^[i]^.nc96;
                  n24 := SA_array^[i]^.nc24;
            end;
*)
(*     Note that we have commented out the section above.  This was done
because, based on our best information, if a   *)
(*     serving area is served on analog copper, DS1 lines in that serving area
will have direct DS1 links to the switch *)
(*     and do not require a t-1/hdsl terminal at the SAI.  Thus, this section
is unnecessary.                                  *)


end; { procedure }

end.
```

3

```
1   unit primfeed;
2
3   interface
4   {$N+}
5   uses WinDOS, WinCrt, Globals, Tech, Structur, Cable;
6
7   type d8000 = array[1..8000] of double;
8        i8000 = array[1..8000] of integer;
9        b8000 = array[1..8000] of boolean;
10       d100  = array[1..100]  of double;
11
12       d8000_ptr = ^d8000;
13       i8000_ptr = ^i8000;
14       b8000_ptr = ^b8000;
15       d100_ptr  = ^d100;
16
17       d8000x8000 = array[1..8000] of d8000_ptr;
18       d8000x100  = array[1..8000] of d100_ptr;
19
20       d8000x8000_ptr = ^d8000x8000;
21       d8000x100_ptr  = ^d8000x100;
22
23  procedure cumulate_lines(
24                          n              : integer;  { number of nodes }
25                          _to            : i8000_ptr;
26                          DistToNode     : d8000_ptr;
27                          DistToSwitch   : d8000_ptr;
28                          cuts           : i8000_ptr;
29                          structure_cost : double;
30                          density        : double;
31                          FillFactor     : double;
32                          var
33                          feeder_cost    : double;
34                          var
35                          feed_splice_cost : double;
36                          var
37                          ugd_cable      : double;
38                          var
39                          bur_cable      : double;
40                          var
41                          aer_cable      : double;
42                          var
43                          ugd_fiber      : double;
44                          var
45                          bur_fiber      : double;
46                          var
47                          aer_fiber      : double;
48                          var
49                          ugd_structure  : double;
50                          var
51                          bur_structure  : double;
52                          var
53                          aer_structure  : double;
54                          var
55                          ManholeCost    : double;
56                          var
57                          FeederRoadDistance : double;
```

```
456
457                         { do fiber lines first }
458
459                         { we look at splicing cost where economically efficient. }
460
461                         if fiber_cables^[i] > 0 then
462                         begin
463
464                           fcc1 := zero;
465                           uf1  := zero;
466                           bf1  := zero;
467                           af1  := zero;
468                           uf2  := zero;
469                           bf2  := zero;
470                           af2  := zero;
471                           fib_lines := zero;
472
473                         { calculate fiber cable cost with no splicing }
474
475                           for j := 1 to fiber_cables^[i] do
476                           begin
477                              fib_lines := fib_lines + fiber_lines^[i]^[j];
478                              fcc1 := fcc1 + feed_cable_cost(
479                                                             fiber_lines^[i]^[j],
480                                                             density,
481                                                             fiber,
482                                                             uc1,
483                                                             bc1,
484                                                             ac1,
485                                                             uf3,
486                                                             bf3,
487                                                             af3,
488                                                             pct_ugd,
489                                                             pct_bur,
490                                                             pct_aer
491                                                            );
492                              uf1 := uf1 + uf3;
493                              bf1 := bf1 + bf3;
494                              af1 := af1 + af3;
495                           end;
496
497                           { calculate fiber cable cost with splicing }
498
499                           fcc2 := feed_cable_cost(
500                                                   fib_lines,
501                                                   density,
502                                                   fiber,
503                                                   uc1,
504                                                   bc1,
505                                                   ac1,
506                                                   uf2,
507                                                   bf2,
508                                                   af2,
509                                                   pct_ugd,
510                                                   pct_bur,
511                                                   pct_aer
512                                                  );
```

```
513
514                         { optimize }
515
516                         if ( ac_ugd_fib*uf1 + ac_bur_fib*bf1 + ac_aer_fib*af1
517  )*DistToNode^[i] >
518                              ( ac_ugd_fib*uf2 + ac_bur_fib*bf2 + ac_aer_fib*af2
519  )*DistToNode^[i] + splice_cost*ac_splice
520                         then
521                         begin
522                            feeder_cost := feeder_cost + fcc2*DistToNode^[i];    {
523  cost of joined cable }
524                            feed_splice_cost := feed_splice_cost + splice_cost; {
525  splice cost }
526                            ugd_fiber := ugd_fiber + uf2*DistToNode^[i];
527                            bur_fiber := bur_fiber + bf2*DistToNode^[i];
528                            aer_fiber := aer_fiber + af2*DistToNode^[i];
529                            fiber_lines^[k]^[fiber_cables^[k]+1] := fib_lines;   {
530  update lines, cables at dest. node }
531                            fiber_cables^[k] := fiber_cables^[k] + 1;
532                         end
533                         else
534                         begin
535                            feeder_cost := feeder_cost + fcc1*DistToNode^[i];    {
536  cost of multiple cables }
537                            ugd_fiber := ugd_fiber + uf1*DistToNode^[i];
538                            bur_fiber := bur_fiber + bf1*DistToNode^[i];
539                            aer_fiber := aer_fiber + af1*DistToNode^[i];
540                            for j := 1 to fiber_cables^[i] do                    {
541  update lines, cables at dest. node }
542                                fiber_lines^[k]^[fiber_cables^[k]+j] :=
543  fiber_lines^[i]^[j];
544                            fiber_cables^[k] := fiber_cables^[k] +
545  fiber_cables^[i];
546                         end;
547
548                      end; { if fiber_cables^[i] > 0 }
549
550                      cable_cost :=
551
552
553  feed_cable_cost(g26_lines^[i],density,copper26,uc1,bc1,ac1,uf1,bf1,af1,pct_ugd,
554  pct_bur,pct_aer) +
555
556
557  feed_cable_cost(g24_lines^[i],density,copper24,uc2,bc2,ac2,uf2,bf2,af2,pct_ugd,
558  pct_bur,pct_aer) +
559
560
561  feed_cable_cost(t1_lines^[i],density,t_1,uc3,bc3,ac3,uf3,bf3,af3,pct_ugd,pct_bu
562  r,pct_aer);
563
564                      if (
565  g26_lines^[i]+g24_lines^[i]+t1_lines^[i]+fiber_cables^[i] ) > 1.0e-6 then
566                      begin
567
568                         feeder_cost := feeder_cost + (structure_cost +
569  cable_cost)*DistToNode^[i];
```

(2) a

```
program feeddist(input,output);
{$X+}
{$M 54272,1024}
{$N+}
{$I+}
uses WinDOS, WinCrt, WinTypes, WinProcs, Strings, Globals,
     Structur, Distrib, Feeder, Printout;


(*-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-*)
(*=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=*)
procedure process;
var i       : integer;
    density : double;
    LinFile : text;
begin
       ClrScr;
       writeln('Processing ',areaname);

       assign(coordinate_file,areaname+'.COO'); reset(coordinate_file);
       assign(gridfile,areaname+'.BIN'); reset(gridfile);
       assign(DENfile,areaname+'.DEN'); reset(DENfile);

       read(coordinate_file,CR); close(coordinate_file);

       assign(LinFile,areaname+'.LIN');
       {$I-}
       reset(Linfile);
       {$I+}
       if (IOResult<>0) then
          SpclAccessRatio := - one
       else
       begin
          CheckHeaderLine(LinFile);
          readln(LinFile,SpclAccessRatio);
          close(LinFile);
       end;

       get_user_parameters;

       get_cost_data;

       if ( SpclAccessRatio < zero ) then get_state_data;
       if ( SpclAccessRatio < zero ) then SpclAccessRatio := zero;

       { First, calculate distribution cost, including SAI cost.  We will }
       { store all SA information in an array.                            }

       lines_served := zero;
       num_SAs := 0;
       new(SA_array);

       new(GR);

       while not eof(gridfile) do
       begin
            num_SAs := num_SAs + 1;
```

```
172             dist_bur_structure := dist_bur_structure +
173   SA_array^[i]^.bur_structure;
174             dist_aer_structure := dist_aer_structure +
175   SA_array^[i]^.aer_structure;
176             DistManholeCost    := DistManholeCost    +
177   SA_array^[i]^.ManholeCost;
178
179             CalcCuDistFill     := CalcCuDistFill     +
180   SA_array^[i]^.lines*fill_factor_fn(SA_array^[i]^.density,0);
181
182             if
183             ( SA_array^[i]^.n2016 + SA_array^[i]^.n1344 + SA_array^[i]^.n672 +
184   SA_array^[i]^.n96 + SA_array^[i]^.n24 ) = 0
185             then CalcCuFeedFill := CalcCuFeedFill +
186   SA_array^[i]^.lines*fill_factor_fn(SA_array^[i]^.density,1);
187
188             if
189             ( SA_array^[i]^.n2016 + SA_array^[i]^.n1344 + SA_array^[i]^.n672 +
190   SA_array^[i]^.n96 + SA_array^[i]^.n24 ) > 0
191             then tot_DLC_lines := tot_DLC_lines + SA_array^[i]^.lines;
192         end;
193
194         Total_investment := tot_feedcost + tot_distcost + tot_dropcost +
195   tot_fdicost + tot_ttcost + tot_ftcost +
196                             tot_nidcost + tot_dtcost;
197
198         average_investment := total_investment/total_lines;
199
200         avg_droplength := tot_dropfeet/total_lines;
201         avg_distlength := tot_distfeet/total_lines;
202         avg_feedlength := tot_feedfeet/total_lines;
203         CalcCuDistFill := CalcCuDistFill/total_lines;
204         CalcCuFeedFill := CalcCuFeedFill/total_lines;
205
206         print_out;
207
208         DisposeTables;
209         for i := 1 to num_SAs do dispose(SA_array^[i]);
210         dispose(SA_array);
211
212
213   end;
214   (*-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-*)
215   (*=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=*)
216   procedure CheckFiles( areaname : string8; var listfile : text; var input_exists
217   : boolean );
218
219   type  string80           = string[80];
220         string80_array     = array[1..14] of string80;
221         string80_array_ptr = ^string80_array;
222
223   var CurDir          : PChar;
224       FileResult      : PChar;
225       S               : TSearchRec;
226       Dir             : string;
227       Drive           : byte;
228       PathName        : string;
```

	A	B	C	AI	AJ	AK
1	wire center	operating company	CBG	calc cpr fdr fill	calc dist fill	calc mainframe fill
2	ANCRWAXX		530579506002	0	0.7426	0
3	ANCRWAXX		530579501001	0	0.7426	0
4	ANCRWAXX		530579501001	0	0.7426	0
5	ANCRWAXX		530579501001	0	0.7426	0
6	ANCRWAXX		530579501001	0	0.7426	0
7	ANCRWAXX		530579501001	0	0.7426	0
8	ANCRWAXX		530579502003	0	0.7426	0
9	ANCRWAXX		530579502002	0	0.7426	0
10	CUSKWAXC		530519702002	0.1427	0.6505	0
11	CUSKWAXC		530519701003	0.1427	0.6505	0
12	CUSKWAXC		530519701003	0.1427	0.6505	0
13	CUSKWAXC		530519702001	0.1427	0.6505	0
14	CUSKWAXC		530519701003	0.1427	0.6505	0
15	CUSKWAXC		530519701003	0.1427	0.6505	0
16	CUSKWAXC		530519702001	0.1427	0.6505	0
17	CUSKWAXC		530519702001	0.1427	0.6505	0
18	CUSKWAXC		530519702001	0.1427	0.6505	0
19	CUSKWAXC		530519701003	0.1427	0.6505	0
20	CUSKWAXC		530519702001	0.1427	0.6505	0
21	ENTTWAXX		530079601002	0	0.6694	0
22	ENTTWAXX		530079601002	0	0.6694	0
23	ENTTWAXX		530079601002	0	0.6694	0
24	ENTTWAXX		530079601002	0	0.6694	0
25	ENTTWAXX		530079601002	0	0.6694	0
26	ENTTWAXX		530079601002	0	0.6694	0
27	FRFDWAXA		530630143001	0.5027	0.7052	0
28	FRFDWAXA		530630143001	0.5027	0.7052	0
29	FRFDWAXA		530630143003	0.5027	0.7052	0
30	FRFDWAXA		530630143003	0.5027	0.7052	0
31	FRFDWAXA		530630143002	0.5027	0.7052	0
32	FRFDWAXA		530630143002	0.5027	0.7052	0
33	FRFDWAXA		530630143001	0.5027	0.7052	0
34	FRFDWAXA		530630143003	0.5027	0.7052	0
35	FRTNWAXX		530750007001	0.5484	0.65	0
36	FRTNWAXX		530750009001	0.5484	0.65	0
37	FRTNWAXX		530750007001	0.5484	0.65	0
38	FRTNWAXX		530750009001	0.5484	0.65	0
39	FRTNWAXX		530750007001	0.5484	0.65	0
40	GERGWAXX		530259807001	0	0.6848	0
41	GERGWAXX		530259807001	0	0.6848	0
42	GERGWAXX		530259807001	0	0.6848	0
43	GERGWAXX		530259807001	0	0.6848	0
44	GERGWAXX		530259812003	0	0.6848	0
45	GERGWAXX		530259807001	0	0.6848	0
46	GERGWAXX		530259807001	0	0.6848	0
47	GERGWAXX		530259807001	0	0.6848	0
48	GERGWAXX		530259807001	0	0.6848	0

	A	B	C	AI	AJ	AK
49	GERGWAXX		530259812003	0	0.6848	0
50	GERGWAXX		530259805002	0	0.6848	0
51	GERGWAXX		530259805002	0	0.6848	0
52	GERGWAXX		530259807001	0	0.6848	0
53	GERGWAXX		530259807001	0	0.6848	0
54	GERGWAXX		530259807001	0	0.6848	0
55	GERGWAXX		530259805002	0	0.6848	0
56	GERGWAXX		530259805002	0	0.6848	0
57	GERGWAXX		530259805002	0	0.6848	0
58	GERGWAXX		530259807001	0	0.6848	0
59	GERGWAXX		530259805002	0	0.6848	0
60	GERGWAXX		530259807001	0	0.6848	0
61	GERGWAXX		530259807001	0	0.6848	0
62	GERGWAXX		530259807001	0	0.6848	0
63	GERGWAXX		530259807001	0	0.6848	0
64	GERGWAXX		530259814001	0	0.6848	0
65	GERGWAXX		530259807001	0	0.6848	0
66	GERGWAXX		530259807001	0	0.6848	0
67	GERGWAXX		530259807001	0	0.6848	0
68	GERGWAXX		530259807001	0	0.6848	0
69	GERGWAXX		530259807001	0	0.6848	0
70	GERGWAXX		530259807001	0	0.6848	0
71	GERGWAXX		530259807001	0	0.6848	0
72	GERGWAXX		530259807001	0	0.6848	0
73	GERGWAXX		530259807001	0	0.6848	0
74	GERGWAXX		530259807001	0	0.6848	0
75	GERGWAXX		530259807001	0	0.6848	0
76	GERGWAXX		530259807001	0	0.6848	0
77	GRFDWAXX		530750007002	0	0.7261	0
78	GRFDWAXX		530750007002	0	0.7261	0
79	GRFDWAXX		530750007002	0	0.7261	0
80	GRFDWAXX		530750007004	0	0.7261	0
81	GRFDWAXX		530750007002	0	0.7261	0
82	GRFDWAXX		530750007002	0	0.7261	0
83	GRFDWAXX		530750007002	0	0.7261	0
84	GRFDWAXX		530750007002	0	0.7261	0
85	GRFDWAXX		530750007002	0	0.7261	0
86	GRFDWAXX		530750007001	0	0.7261	0
87	GRFDWAXX		530750007001	0	0.7261	0
88	GRFDWAXX		530750007001	0	0.7261	0
89	GRFDWAXX		530750007001	0	0.7261	0
90	GRFDWAXX		530750007002	0	0.7261	0
91	GRFDWAXX		530750007001	0	0.7261	0
92	GRFDWAXX		530750007002	0	0.7261	0
93	GRFDWAXX		530750007002	0	0.7261	0
94	GRFLWAXX		530610536002	0	0.7157	0
95	GRFLWAXX		530610536003	0	0.7157	0
96	GRFLWAXX		530610536003	0	0.7157	0
97	GRFLWAXX		530610536003	0	0.7157	0
98	GRFLWAXX		530610536003	0	0.7157	0
99	GRFLWAXX		530610536003	0	0.7157	0
100	GRFLWAXX		530610536003	0	0.7157	0