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3033 North Third Street, Suite
1010 Phoenix, Arizona 85012
Office 602-630-8255
Fax 602-235-3107

Monica Luckritz
Manager – Policy and Law

ride the light
Qwest.

April 16, 2001

Lyn Farmer
Chief Hearing Officer
Arizona Corporation Commission
1200 West Washington Street
Phoenix, AZ 85007

Dear Ms. Farmer:

RE: Docket No. T-00000A-00-0194

Pursuant to the Procedural Order dated February 15, 2001, enclosed please find one original and ten copies of Qwest's Supplemental Direct Testimony for the following witnesses:

Maureen Arnold
Barbara J. Brohl
Larry B. Brotherson
Robert F. Kennedy
Teresa K. Million.

If you have questions, please contact me.

Sincerely,

Monica Luckritz

Enclosures

Arizona Corporation Commission
DOCKETED

APR 16 2001

DOCKETED BY mac

ORIGINAL

BEFORE THE ARIZONA CORPORATION COMMISSION

WILLIAM A. MUNDELL
CHAIRMAN
JIM IRVIN
COMMISSIONER
MARC SPITZER
COMMISSIONER

IN THE MATTER OF INVESTIGATION INTO QWEST CORPORATION'S COMPLIANCE WITH CERTAIN WHOLESALE PRICING REQUIREMENTS FOR UNBUNDLED NETWORK ELEMENTS AND RESALE DISCOUNTS	)	DOCKET NO. T-00000A-00-0194 PHASE II SUPPLEMENTAL TESTIMONY

SUPPLEMENTAL DIRECT TESTIMONY OF

MAUREEN ARNOLD

ON BEHALF OF

QWEST CORPORATION

APRIL 16, 2001

Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

My name is Maureen Arnold. My business address is 3033 N 3rd St, Phoenix, Arizona.

Q. ARE YOU THE SAME MAUREEN ARNOLD WHO FILED DIRECT TESTIMONY IN THIS DOCKET?

A. Yes.

Q. PLEASE DESCRIBE THE PURPOSE OF YOUR TESTIMONY.

A. The purpose of my testimony is to file a revised Exhibit MA-1A to include elements and services for which rates are being proposed in this supplemental direct testimony. In addition, I identify the Qwest witnesses who are presenting testimony in support of those rates.

Q. WHY IS QWEST FILING ADDITIONAL DIRECT TESTIMONY?

A. Pursuant to the Commission's February 16, 2001 Procedural Order in this docket, Qwest was directed to file direct testimony on March 15, 2001. The Procedural Order also stipulated that Qwest file supplemental direct testimony on remaining issues not addressed in the March 15, 2001 filing, including any issues deferred to this docket from the workshops that the Commission is conducting pursuant to Section 271 of the Telecommunications Act of 1996.

Q. DOES QWEST'S SUPPLEMENTAL FILING ADDRESS ISSUES RELATING TO NETWORK ELEMENTS, INTERCONNECTION SERVICES, AND OTHER SERVICES THAT WERE DEFERRED FROM THE ARIZONA SECTION 271 WORKSHOPS?

A. Yes. While Exhibit MA-1, attached to my direct testimony filed March 15, 2001, includes pricing for elements and services that were deferred from the Arizona Section 271 workshops, the revised Exhibit MA-1A includes additional network elements, interconnection services, and other services that have been deferred and which are discussed by Barbara Brohl and Robert Kennedy.

Q. DOES YOUR EXHIBIT MA-1A HAVE ANY OTHER CHANGES?

A. Yes. I have made the following clarifying changes through Exhibit MA-1A: Page 3, (8.1.1) removed the word "Pair" from the Standard – Per Fiber collocation; Page 3, (8.1.4) added the words "(Backup Power)" to AC Power Feed; Page 5, (8.3.2) added the reference "(Standard 40 Amp Power Feed)" that now appears after "Space Construction;" Page 5, (8.4.2) removed the reference to "Standard 60 Amp Power Feed" that appeared after "Cage-Up to 100 Sq. Ft." and added the reference "(Standard 60 Amp Power Feed)" that now appears after "Space Construction;" and Page 9, (9.4.4) changed "POTS Splitter TIE Cable Connections" to "POTS Splitter Options." In addition, my Exhibit MA-1A incorporates the changes mentioned in Terri Million's testimony and included in her Exhibit TKM-01A.

Q. IDENTIFY THE OTHER QWEST WITNESSES WHO ARE FILING PLEASE SUPPLEMENTAL TESTIMONY AND SUMMARIZE THE AREAS THEY ARE ADDRESSING.

A. Ms. Barbara Brohl provides product descriptions for Unbundled Packet Switching and Line Splitting. Mr. Robert Kennedy describes the Space Availability Report and Space Option Reservation. Ms. Terri Million presents the cost studies and explains the cost methodologies that underlie the prices Qwest is proposing in its supplemental filing. In addition, Ms. Million provides corrections to her direct testimony and the Exhibit labeled TKM-01 filed on March 15, 2001. Mr. Larry Brotherson provides clarification relative to Operator Services and DA market-based prices and explains Qwest's policy on Comparable Switched Access.

Q. PLEASE STATE QWEST'S OVERALL RECOMMENDATION IN THIS PROCEEDING.

A. Qwest recommends that the Commission adopt the Total Element Long Run Incremental Cost ("TELRIC") studies presented with the testimony of Ms. Million. As Ms. Million testifies, these studies comply with the pricing rules the FCC established in its First Report and Order. The testimony of Ms. Million and Qwest's other witnesses establishes that in addition to complying with the FCC's pricing rules, the costs and prices that Qwest is presenting are reasonable.

Q. DOES THIS CONCLUDE YOUR TESTIMONY?

A. Yes

BEFORE THE ARIZONA CORPORATION COMMISSION

WILLIAM A. MUNDELL
CHAIRMAN
JIM IVIN
COMMISSIONER
MARC SPITZER
COMMISSIONER

IN THE MATTER OF INVESTIGATION INTO QWEST CORPORATION'S COMPLIANCE WITH CERTAIN WHOLESALE PRICING REQUIREMENTS FOR UNBUNDLED NETWORK ELEMENTS AND RESALE DISCOUNTS	)))))	DOCKET NO. T-00000-00-0194 PHASE II SUPPLEMENTAL TESTIMONY

EXHIBIT OF

MAUREEN ARNOLD

APRIL 16, 2001

ARIZONA RATES

Arizona Corporation Commission
Docket No. T-00000A-00-0194
Qwest Corporation
Direct Testimony of Maureen Arnold
Exhibit MA-1A April 16, 2001

		Recurring	Nonrecurring	Witness
6.0 Resale				
6.1 Wholesale Discount Rates				Gude
6.1.1 Basic Exchange Residence	4.19%			
6.1.2 Basic Exchange Business	9.41%			
6.1.3 Toll	23.96%			
6.1.4 Listings, CO Features and Informational Services	41.51%			
6.1.5 Private Line	6.44%			
6.1.6 Packaged/Special Services	10.46%			
6.1.7 Proposed Operator Services/DA	7.00%			
6.2 Customer Transfer Charge (CTC)				Brotherson
6.2.1 CTC for POTS Service				
First Mechanized			$0.68	
Each Additional Mechanized			$0.14	
6.2.2 CTC for POTS Service				
First Manual			$16.21	
Each Additional Manual			$2.70	
6.2.3 CTC for Private Line Services				
First			$40.87	
Each Additional			$40.87	
6.2.4 CTC for Advanced Communications Services				
Per Circuit			$51.34	
7.0 Interconnection				Kennedy
7.1 Entrance Facilities				
7.1.1 DS1		$92.18	$218.84	
7.1.2 DS3		$486.15	$414.26	
7.2 LIS EICT (When used for Collocation)				Kennedy
7.2.1 Per DS1		$10.24	$161.70	
7.2.2 Per DS3		$47.99	$357.12	
7.3 Interconnection Tie Pairs (ITP) (Optional)				Kennedy
Per DS1		$1.58		
Per DS3		$15.92		
7.4 Channel Regeneration (Optional)				Kennedy
DS1 Regeneration		$9.45	$480.05	
DS3 Regeneration		$34.16	$1,807.55	
	Recurring Fixed	**Recurring Per Mile**	**Nonrecurring**	
7.5 Direct Trunked Transport				Kennedy
7.5.1 DS1				Kennedy
Over 0 to 8 Miles	$33.05	$1.56		
Over 8 to 25 Miles	$33.33	$1.26		
Over 25 to 50 Miles	$33.81	$2.28		
Over 50 Miles	$33.78	$1.19		
7.5.2 DS3				Kennedy
Over 0 to 8 Miles	$210.28	$65.55		
Over 8 to 25 Miles	$213.45	$20.30		

ARIZONA RATES

		Recurring	Nonrecurring	Witness
Over 25 to 50 Miles	$196.74	$25.43		
Over 50 Miles	$207.61	$17.49		
		Recurring	Nonrecurring	
7.6 Multiplexing				Kennedy
7.6.1 DS3 to DS1 per system		$246.64		
7.6.2 DS3 to DS1 per subsequent channel			$267.45	
7.7 Trunk Nonrecurring Charge				Kennedy
7.7.1 DS1 – First Trunk			$353.67	
DS1 – Each Additional Trunk			$5.90	
7.7.2 DS3 – First Trunk			$360.45	
DS3 – Each Additional Trunk			$12.69	
7.7.3 DS1 Trunk Rearrangement				
First Trunk			$176.84	
Each Additional Trunk			$2.95	
7.7.4 DS3 Trunk Rearrangement				
First Trunk			$180.23	
Each Additional Trunk			$6.35	
7.8 Local Traffic				Kennedy
7.8.1 End office call termination, per minute of use		$0.002207		
7.8.2 Tandem Switched Transport				
7.8.2.1 Tandem Switching, per Minute of Use		$0.001653		
	Recurring Fixed	Recurring Per Mile	Nonrecurring	
7.8.2.2 Tandem Transmission				
0 to 8 Miles	$0.000485	$0.0000454		
8 to 25 Miles	$0.000494	$0.0000227		
25 to 50 Miles	$0.000477	$0.0000117		
Over 50 Miles	$0.000461	$0.0000042		
7.9 Miscellaneous Charges				Kennedy
7.9.1 Cancellation Charge (LIS Trunks)	Qwest's Arizona Switched Access Tariff Section 5.2.3 + LIS Nonrecurring Charges			
7.9.2 Expedite Charge (LIS Trunks)	Qwest's Arizona Switched Access Tariff Section 5.2.2 + LIS Nonrecurring Charges			
7.9.3 Construction Charges	ICB[3] – See SGAT Section 19.0			
7.10 IntraLATA Toll Traffic	Qwest's Arizona Switched Access Tariff			Kennedy
7.11 Transit Traffic				Kennedy
7.11.1 Local Transit	See Tandem Switching and Tandem Transmission Rates Above.			
Local Transit Assumed Mileage	9 Miles			
7.11.2 IntraLATA Toll	Qwest's Arizona Switched Access Tariff			
IntraLATA Toll Assumed Mileage	9 Miles			
7.11.3 Jointly Provided Switched Access	Qwest's Arizona Switched Access Tariff			Kennedy
7.11.4 Category 11 Mechanized Record Charge				
Per Record		$0.001819		Kennedy

ARIZONA RATES

		Recurring	Nonrecurring	Witness
8.0 Collocation				Kennedy
8.1 All Collocation				
8.1.1 Collocation Entrance Facility				
Standard – Per Fiber		$15.17	$1,232.89	
Cross-Connect – Per Fiber		$22.75	$1,658.09	
Express - Per Cable		$240.26	$8,783.09	
8.1.2 Cable Splicing				Kennedy
Fiber - Per Set-Up			$474.74	
Per Fiber Spliced			$37.95	
8.1.3 -48 Volt DC Power Usage, per Ampere, per Month				Kennedy
Power Plant, per Amp		$11.36		
Power Usage Less Than 60 Amps, per Amp		$3.69		
Power Usage More Than 60 Amps, per Amp		$7.37		
8.1.4 AC Power Feed (Backup Power)				Kennedy
8.1.4.1 AC Power Feed – per Amp, per Month				
120 Volt		$19.26		
208 Volt, Single Phase		$33.38		
208 Volt, Three Phase		$57.75		
240 Volt, Single Phase		$38.52		
240 Volt, Three Phase		$66.64		
480 Volt, Three Phase		$133.28		
8.1.4.2 AC Power Cable – per Foot, per Month				Kennedy
20 Amp, Single Phase		$0.0146	$7.98	
20 Amp, Three Phase		$0.0181	$9.90	
30 Amp, Single Phase		$0.0157	$8.61	
30 Amp, Three Phase		$0.0216	$11.82	
40 Amp, Single Phase		$0.0185	$10.12	
40 Amp, Three Phase		$0.0254	$13.93	
50 Amp, Single Phase		$0.0219	$12.01	
50 Amp, Three Phase		$0.0306	$16.76	
60 Amp, Single Phase		$0.0248	$13.58	
60 Amp, Three Phase		$0.0352	$19.29	
100 Amp, Single Phase		$0.0307	$16.81	
100 Amp, Three Phase		$0.0479	$26.24	
8.1.5 Inspector Labor, per Half Hour				Kennedy
Regular Business Hours			$31.18	
Outside Regular Business Hours (3 hr. Minimum)			$38.96	
8.1.6 Interconnection Tie Pairs (ITP)				Kennedy
Per DS1		$1.58		
Per DS3		$15.92		
8.1.7 Channel Regeneration				Kennedy
DS1 Regeneration		$9.45	$480.05	
DS3 Regeneration		$34.16	$1,807.55	
8.1.8 Collocation Terminations				Kennedy
8.1.8.1 DS0				
Cable Placement per 100 Pair Block, OR		$0.5701	$243.35	
Cable Placement per Termination		$0.0107	$4.57	

ARIZONA RATES

		Recurring	Nonrecurring	Witness
Cable per 100 Pair Block, OR		$0.7333	$313.03	
Cable per Termination		$0.0100	$4.29	
Blocks per 100 Pair Block, OR		$1.2786	$545.80	
Blocks per Termination		$0.0175	$7.48	
Block Placement Per 100 Pair Block, OR		$0.5913	$252.40	
Block Placement per Termination		$0.0081	$3.46	
8.1.8.2 DS1				Kennedy
Cable Placement per 28 DS1s, OR		$0.7386	$404.75	
Cable Placement per Termination		$0.0794	$43.52	
Cable per 28 DS1s, OR		$0.6594	$361.38	
Cable per Termination		$0.0709	$38.86	
Panel per 28 DS1s , OR		$0.7525	$412.86	
Panel per Termination		$0.0908	$49.78	
Panel Placement per 28 DS1s, OR		$0.1576	$86.36	
Panel Placement per Termination		$0.0169	$ 9.29	
8.1.8.3 DS3				Kennedy
Cable Placement per Termination		$0.3007	$164.79	
Cable per Termination		$0.4258	$233.36	
Panel/Connector per Termination		$0.4388	$240.45	
Panel/Connector Placement per Termination		$0.0453	$24.81	
8.1.9 Security				Kennedy
Access Card per Employee		$0.87		
Card Access Per employee, per Office		$8.07		
8.1.10 Central Office Clock Synchronization				Kennedy
Synchronization – Composite Clock, per Port		$7.70		
8.1.11 Space Availability Report				Kennedy
Per Office			$333.55	
8.1.12 Space Reservation			25% of Collocation Charge	
8.1.13 Space Option		Under Development		
8.2 Virtual Collocation				Kennedy
8.2.1 Quote Preparation Fee			$4,380.68	Kennedy
8.2.2 Maintenance Labor, per Half Hour				Kennedy
Regular Hours Rate			$27.97	
After Hours Rate			$37.43	
8.2.3 Training Labor, per Half Hour				Kennedy
Regular Hours Rate			$27.97	
8.2.4 Equipment Bay -recurring, per Shelf	$3.75			Kennedy

ARIZONA RATES

		Recurring	Nonrecurring	Witness
8.2.5	Engineering Labor, per Half Hour			Kennedy
	Regular Hours Rate		$30.18	
	After Hours Rate		$38.96	
8.2.6	Installation Labor, per Half Hour			Kennedy
	Regular Hours Rate		$31.89	
	After Hours Rate		$41.07	
8.2.7	Floor Space Lease, per Square Foot	$3.96		Kennedy
8.2.8	-48 Volt DC Power Cables			Kennedy
	20 A Power Feed, per feed	$10.09	$5,528.47	
	30 A Power Feed, per feed	$11.53	$6,316.35	
	40 A Power Feed, per feed	$14.06	$7,706.09	
	60 A Power Feed, per feed	$17.54	$9,613.92	
8.3	**Cageless Collocation**			Kennedy
8.3.1	Quotation Preparation Fee		$4,380.68	Kennedy
8.3.2	Space Construction (Standard 40 Amp Power Feed)			Kennedy
	2 Bays and 1 – 40 Amp Power Feed	$54.42	$29,823.10	
	Adjustment for 20 Amp Initial Power Feed	-($3.97)	($2,177.62)	
	Adjustment for 30 Amp Initial Power Feed	-($2.54)	($1,389.75)	
	Adjustment for 40 Amp Initial Power Feed	Included in Space Construction		
	Adjustment for 60 Amp Initial Power Feed	$3.48	$1,907.82	
	Adjustment for Each Additional Bay	$5.52	$3,024.83	
	Adjustment for Each Additional 20 Amp Power Feed	$10.09	$5,528.47	
	Adjustment for Each Additional 30 Amp Power Feed	$11.53	$6,316.35	
	Adjustment for Each Additional 40 Amp Power Feed	$14.06	$7,706.09	
	Adjustment for Each Additional 60 Amp Power Feed	$17.54	$9,613.92	
8.3.3	Floor Space Lease – *Per Square Foot*	$3.96		Kennedy
8.4	**Caged Collocation**			Kennedy
8.4.1	Quotation preparation Fee		$4,763.06	Kennedy
8.4.2	Space Construction (Standard 60 Amp Power Feed)			Kennedy
	Cage- Up to 100 Sq. Ft	$94.30	$51,675.14	
	Cage- 101- 200 Sq. Ft	$97.85	$53,623.79	
	Cage- 201- 300 Sq. Ft	$100.62	$55,139.10	
	Cage- 301- 400 Sq. Ft	$104.08	$57,038.08	
	Adjustment for 20A Initial Power Feed	($15.41)	($8,444.49)	
	Adjustment for 30A Initial Power Feed	($14.03)	($7,687.98)	
	Adjustment for 40A Initial Power Feed	($11.14)	($6,106.39)	
	Adjustment for 60A Initial Power Feed	Included in Space Construction		
	Adjustment for 100A Initial Power Feed	$17.06	$9,348.19	
	Adjustment for 200A Initial Power Feed	$54.46	$29,843.97	
	Adjustment for 300A Initial Power Feed	$99.92	$54,756.39	
	Adjustment for 400A Initial Power Feed	$153.68	$84,219.54	
	Each Additional 20A Power Feed	$12.73	$6,973.86	
	Each Additional 30A Power Feed	$14.11	$7,730.36	
	Each Additional 40A Power Feed	$16.99	$9,311.95	
	Each Additional 60A Power Feed	$28.14	$15,418.34	
	Each Additional 100A Power Feed	$45.19	$24,766.54	
	Each Additional 200A Power Feed	$82.59	$45,262.31	
	Each Additional 300A Power Feed	$128.05	$70,174.74	

		Recurring	Nonrecurring	Witness
	Each Additional 400A Power Feed	$181.82	$99,637.89	
8.4.3	Floor Space Lease, per Square Foot	$3.96		Kennedy
8.4.4	Grounding			Kennedy
	2/0 AWG - per Foot	$0.0230	$12.59	
	1/0 AWG - per Foot	$0.0382	$20.96	
	4/0 AWG - per Foot	$0.0435	$23.81	
	350 kcmil - per Foot	$0.0603	$33.04	
	500 kcmil - per Foot	$0.0672	$36.81	
	750 kcmil – per Foot	$0.1029	$56.40	
8.5	**ICDF Collocation**	See Note 1		Kennedy
8.6	**Adjacent Collocation**	ICB[3]	ICB[3]	Kennedy
8.7	**Remote Collocation and Adjacent Remote Collocation**	ICB[3]	ICB[3]	Kennedy
8.8	**CLEC-to-CLEC Connections**			Kennedy
8.8.1	Design Engineering & Installation – No Cables		$1,353.22	Kennedy
8.8.2	Cable Racking (Per Foot)			Kennedy
	DS0	$0.17316		
	DS1	$0.18388		
	DS3	$0.15906		
8.8.3	Virtual Connections - No Cables			Kennedy
	DS0 (Per 100 Connections)		$223.03	
	DS1 (Per 28 Connections)		$101.73	
	DS3 (Per 1 Connection)		$8.80	
8.8.4	Cable Hole		$425.99	Kennedy
8.8.5	CLEC to CLEC Cross-Connection		$255.25	Kennedy
9.0	**Unbundled Network Elements (UNEs)**			Kennedy
9.1	**Interconnection Tie Pairs (ITP) – Per Termination**			Kennedy
DS0		$0.51		
DS1		$1.58		
DS3		$15.92		
9.2	**Unbundled Loops**			Kennedy
9.2.1	Analog Loops			Kennedy
	2-Wire Voice Grade			
	Zone 1	$23.07		
	Zone 2	$28.64		
	Zone 3	$42.14		
	4-Wire Voice Grade			
	Zone 1	$46.63		
	Zone 2	$57.76		
	Zone 3	$84.76		
9.2.2	Non-Loaded Loops			Kennedy
	2-Wire Non-loaded Loop			

ARIZONA RATES

		Recurring	Nonrecurring	Witness
	Zone 1	$23.07		
	Zone 2	$28.64		
	Zone 3	$42.14		
	4-Wire Non-loaded Loop			
	Zone 1	$46.63		
	Zone 2	$57.76		
	Zone 3	$84.76		
9.2.3	Conditioning - Cable Unloading/Bridge Tap Removal		$649.98	Kennedy
9.2.4	Digital Capable Loops			Kennedy
9.2.4.1	Basic Rate ISDN Capable Loop/xDSL-I/ADSL			
	Zone 1	$23.07		
	Zone 2	$28.64		
	Zone 3	$42.14		
9.2.4.2	DS1 Capable Loop			Kennedy
	Zone 1	$89.89		
	Zone 2	$90.46		
	Zone 3	$100.30		
9.2.4.3	DS3 Capable Loop			Kennedy
	Zone 1	$954.79		
	Zone 2	$967.83		
	Zone 3	$1,189.60		
9.2.5	2-Wire Extension Technology	$5.93		Kennedy
9.2.6	DS0 Basic Installation-2/4 Wire			Kennedy
	First Loop		$87.91	
	Each Additional Loop		$75.74	
	Basic Installation with Performance Testing			
	First Loop		$191.45	
	Each Additional Loop		$137.36	
	Coordinated Installation with Cooperative Testing			
	First Loop		$231.24	
	Each Additional Analog Loop		$137.36	
	Coordinated Installation without Cooperative Testing			
	First Loop		$94.96	
	Each Additional Loop		$82.79	
	Basic Installation with Cooperative Testing			
	First Loop		$191.45	
	Each Additional Loop		$137.36	
9.2.7	DS1 Loop Installation Charges			Kennedy
	Basic Installation			
	First Loop		$143.52	
	Each Additional Loop		$110.31	
	Basic Installation with Performance Testing			
	First Loop		$276.96	

ARIZONA RATES

		Recurring	Nonrecurring	Witness
	Each Additional Loop		$202.83	
	Coordinated Installation with Cooperative Testing			
	First Loop		$316.75	
	Each Additional Analog Loop		$202.83	
	Coordinated Installation without Cooperative Testing			
	First Loop		$152.59	
	Each Additional Loop		$119.37	
	Basic Installation with Cooperative Testing			
	First Loop		$276.96	
	Each Additional Loop		$202.83	
9.2.8	DS3 Loop Installation Charges			Kennedy
	Basic Installation			
	First Loop		$143.52	
	Each Additional Loop		$110.31	
	Basic Installation with Performance Testing			
	First Loop		$276.96	
	Each Additional Loop		$202.83	
	Coordinated Installation with Cooperative Testing			
	First Loop		$316.75	
	Each Additional Analog Loop		$202.83	
	Coordinated Installation without Cooperative Testing			
	First Loop		$152.59	
	Each Additional Loop		$119.37	
	Basic Installation with Cooperative Testing			
	First Loop		$276.96	
	Each Additional Loop		$202.83	
9.3 Subloop				Kennedy
9.3.1	Distribution Loop			
	Installation 2/4 wire, First		$120.90	
	Each Additional		$55.26	
	2-Wire Analog / Non Loaded			
	Each Additional			
	Zone 1	$15.85		
	Zone 2	$21.57		
	Zone 3	$35.23		
	4-Wire Analog / Non Loaded			
	Each Additional			
	Zone 1	$31.70		
	Zone 2	$43.14		
	Zone 3	$70.46		
9.3.2	Intrabuilding Cable Loop, Per Pair	$1.24		Kennedy

ARIZONA RATES

		Recurring	Nonrecurring	Witness
9.3.3 DS1 Capable Feeder Loops				Kennedy
First Loop			$292.08	
Each Additional Loop			$218.54	
Zone 1		$77.43		
Zone 2		$78.01		
Zone 3		$87.85		
9.3.4 Field Connection Point				Kennedy
Feasibility Fee/Quote Preparation Fee			$1,631.67	
Construction Fee			ICB[3]	
9.4 Line Sharing				
9.4.1 Shared Loop, per Loop		$5.00	$37.54	Brohl
9.4.2 OSS – Per Line – Per Month		$2.74		Albersheim
9.4.3 Reclassification Charge			ICB[3]	Brohl/Overton
9.4.4 POTS Splitter Options				Brohl/Overton
9.4.4.1 Splitter in the Common Area				
Data to 410 Block		$8.57	$3,175.97	
Data Direct to CLEC		$8.99	$3,333.21	
9.4.4.2 Splitter on the IDF				
Data to 410 Block		$2.73	$1,010.84	
Data Direct to CLEC		$5.11	$1,892.62	
9.4.4.3 Splitter on the MDF				
Data to 410 Block		$2.81	$1,039.82	
Data Direct to CLEC		$6.03	$2,233.08	
9.4.5 Additional Testing	See Misc Charges Section 9.2.7			
9.4.6 Splitter Shelf Charge		$6.63	$531.91	Brohl
9.4.7 POTS Splitter Charge – Per Splitter	Pass through Charge to CLEC			
9.4.8 Engineering			$1,274.63	Brohl
9.5 Network Interface Device (NID)		$1.44	$68.49	Kennedy
	Recurring Fixed	**Recurring Per Mile**	**Nonrecurring**	
9.6 Unbundled Dedicated Interoffice Transport (UDIT)				Kennedy
9.6.1 DS0 UDIT			$306.61	Kennedy
Over 0 to 8 Miles	$20.93	$0.14		
Over 8 to 25 Miles	$20.95	$0.12		
Over 25 to 50 Miles	$20.99	$0.13		
Over 50 Miles	$20.94	$0.06		
9.6.2 DS1 UDIT			$351.39	Kennedy
Over 0 to 8 Miles	$33.05	$1.56		
Over 8 to 25 Miles	$33.33	$1.26		
Over 25 to 50 Miles	$33.81	$2.28		
Over 50 Miles	$33.78	$1.19		
9.6.3 DS3 UDIT			$351.39	Kennedy
Over 0 to 8 Miles	$210.28	$65.55		
Over 8 to 25 Miles	$213.45	$20.30		
Over 25 to 50 Miles	$196.74	$25.43		
Over 50 Miles	$207.61	$17.49		
9.6.4 OC-3 UDIT			$351.39	Kennedy
Over 0 to 8 Miles	$794.64	$252.46		

			Recurring	Nonrecurring	Witness
	Over 8 to 25 Miles	$801.21	$67.90		
	Over 25 to 50 Miles	$765.56	$92.37		
	Over 50 Miles	$788.37	$57.09		
9.6.5	OC-12 UDIT			$351.39	Kennedy
	Over 0 to 8 Miles	$2,247.68	$87.64		
	Over 8 to 25 Miles	$2,247.68	$85.54		
	Over 25 to 50 Miles	$2,247.68	$98.38		
	Over 50 Miles	$2,247.68	$115.44		
9.6.6	Above OC-12 UDIT	ICB[3]	ICB[3]	ICB[3]	Kennedy
			Recurring	Nonrecurring	
9.6.7	Extended Unbundled Dedicated Interoffice Transport				Kennedy
	DS1 E-UDIT		$59.13	$409.62	
	DS3 E-UDIT		$335.36	$409.62	
	OC-3 E-UDIT		$734.07	$409.62	
	OC-12 E-UDIT		$1,377.93	$409.62	
	Above OC-12 E-UDIT		ICB[3]	ICB[3]	
9.6.8	DS0 UDIT Low Side Channelization				Kennedy
	Low Side Channel Performance		$13.90		
	Low Side Channel Performance With Multiplexing		$8.87		
9.6.9	Multiplexing				Kennedy
	DS3 to DS1		$246.64		
	DS1 to DS0		$229.32		
	UDIT M1-3 Multiplexing			$2,558.27	
	UDIT MI-0 Multiplexing High Side			$272.49	
	UDIT M1-0 Multiplexing Low Side		$8.87	$238.79	
9.6.10	UDIT Rearrangement				Kennedy
	DS0 Single Office			$175.49	
	DS0 Dual Office			$218.11	
	High Capacity Single Office			$237.35	
	High Capacity Dual Office			$264.86	
9.7	**Unbundled Dark Fiber (UDF)**				Kennedy
9.7.1	Single Strand Increments (Available May 31, 2001)	Under Development	Under Development	Under Development	
9.7.2	Initial Records Inquiry (IRI)				Kennedy
	Simple			$158.80	
	Complex			$202.48	
9.7.3	Field Verification and Quote Preparation (FVQP)			$1,478.86	Kennedy
9.7.4	Field Verification			Under Development	Kennedy
9.7.5	UDF-IOF				Kennedy
	Order Charge, Per Pair, Per Route, Per Order			$561.17	
	Each Additional, Per Pr, Same Route			$270.70	
	Termination-Wire Center- 2 Per Pair		$7.57		
	Fiber Transport, per Mile		$88.52		

		Recurring	Nonrecurring	Witness
	Cross Connect, 2 per Pair	$4.20	$21.46	
9.7.6	UDF-Loop Charges			Kennedy
	Order Charge, Per Pair, Per Route, Per Order		$561.17	
	Each Additional, Per Pr, Same Route		$270.70	
	Termination at Wire Center, 2 per Pair	$7.84		
	Termination at Premise, 2 per Pair	$6.97		
	UDF Loop – Per Fiber Loop	$122.02		
	Fiber Cross-Connect, per Pair	$4.20	$21.46	
9.7.7	Extended Dark Fiber (E-UDF)			Kennedy
	Order Charge, Per Pair, Per Route, Per Order		$561.17	
	Each Additional, Per Pr, Same Route		$270.70	
	Termination at Wire Center, 2 per Pair	$7.84		
	Termination at Premise, 2 per Pair	$6.97		
	E-UDF Fiber – per Pair	$122.02		
	Fiber Cross-Connect, per Pair	$4.20	$21.46	
9.8	**Shared Transport**			
	Per Minute of Use	$0.001573		Brohl
9.9	**Unbundled Customer Controlled Rearrangement Element (UCCRE)**			Brohl
9.9.1	DS1 Port	ICB[3]	ICB[3]	
9.9.2	DS3 Port	ICB[3]	ICB[3]	
9.9.3	Dial Up Access	ICB[3]	ICB[3]	
9.9.4	Attendant Access	ICB[3]	ICB[3]	
9.9.5	Virtual Ports	ICB[3]	ICB[3]	
9.10	**Local Tandem Switching**			Brohl
9.10.1	DS1 Local Message Trunk Port – Per Order	$59.28	$219.99	
9.10.2	DS1 Trunk Group – First Trunk – Per Order		$210.14	
9.10.3	DS1 Trunk Group–Each Additional Trunk-Per Order		$24.38	
9.10.4	Per Minute of Use	$0.002453		
9.11	**Local Switching**			Brohl
9.11.1	Analog Line Side Port, First Port	$1.33	$144.93	Brohl
9.11.2	Each Additional Port	$1.33	$95.34	Brohl
9.11.3	Local Usage, per Minute of Use	$0.002684		Brohl
9.11.4	Vertical Features			Brohl
	10XXX Direct Dialed Blocking	$0.08		
	Account Codes - per system	$7.56	$79.66	
	Attendant Access Line - per station line	$0.08	$1.15	
	Audible Message Waiting	$0.13	$1.01	
	Authorization Codes - per system	$3.25	$238.25	
	Auto Callback	$0.08		
	Automatic Line	$0.07	$0.34	
	Automatic Route Selection - Common Equip. per system	$2.20	$2,090.41	
	Blocking of pay per call services	$0.10		
	Bridging	$0.07		
	Call Drop	$0.07	$0.34	

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		Recurring	Nonrecurring	Witness
Call Exclusion - Automatic		$0.07	$1.01	
Call Exclusion - Manual		$0.07	$0.67	
Call Forward Don't Answer - All Calls		$0.13		
Call Forwarding Incoming Only		$0.08		
Call Forwarding Intra Group Only		$0.08		
Call Forwarding Variable Remote		$0.11		
Call Forwarding: Busy Line (Expanded)		$0.09		
Call Forwarding: Busy Line (External)		$0.09		
Call Forwarding: Busy Line (External) Don't Answer		$0.15		
Call Forwarding: Busy Line (Overflow)		$0.09		
Call Forwarding: Busy Line (Overflow) Don't Answer		$0.15		
Call Forwarding: Busy Line (Programmable)		$0.10		
Call Forwarding: Busy Line/Don't Answer Programmable Svc. Establishment			$15.59	
CF DON'T ANSWER/CF BUSY CUSTOMER PROGRAMMABLE - PER LINE			$1.01	
Call Forwarding: Busy Line/Don't Answer (Expanded)		$0.15	$37.75	
Call Forwarding: Don't Answer		$0.13	$37.75	
Call Forwarding: Don't Answer (Expanded)		$0.13		
Call Forwarding: Don't Answer (Programmable)		$0.13		
Call Forwarding: Variable		$0.10		
Call Forwarding: Variable - no call complete option		$0.10		
Call Hold		$0.08		
Call Hold/3-Way/Call Transfer		$0.33		
Call Park (Basic - Store & Retrieve)		$0.09		
Call Pickup		$0.08		
Call Transfer		$0.33		
Call Waiting Dial Originating		$0.08		
Call Waiting Indication - per timing state		$0.47	$1.01	
Call Waiting Originating		$0.09		
Call Waiting Terminating - All Calls		$0.12		
Call Waiting Terminating - Incoming Only		$0.12		
Call Waiting/ Cancel Call Waiting		$0.14		
CENTREX COMMON EQUIPMENT			$1,200.97	
Centrex Management System (CMS)		$0.60		
Centrex Plus DID numbers per number		$0.12		
Centrex Plus to Centrex Plus		$5.49		
Centrex Plus to IC Carrier		$5.49		
Centrex Plus to PBX/Key Blocked		$5.49		
Centrex Plus to PBX/Key Non-Blocked		$5.49		
CFBL - All Calls		$0.09		
CFBL - Incoming Only		$0.09	$37.75	
CFDA Incoming Only		$0.08	$37.75	
CLASS - Anonymous Call Rejection		$0.34		
CLASS - Call Waiting ID		$0.11		
CLASS - Calling Name & Number		$0.43		
CLASS - Calling Number Delivery		$0.10		
CLASS - Calling Number Delivery - Blocking		$0.35		
CLASS - Continuous Redial		$0.30	$1.26	
CLASS - Last Call Return		$0.10	$1.26	
CLASS - Priority Calling		$0.19	$1.20	
CLASS - Selective Call Forwarding		$0.17	$1.26	
CLASS - Selective Call Rejection		$0.23	$1.20	
Common Equipment per 1.544 Mbps facility (DS1)		$60.34		
Conference Calling - Meet Me		$14.60	$42.29	

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		Recurring	Nonrecurring	Witness
Conference Calling - Preset		$10.68	$42.29	
Custom Ringing First Line (Short/Long/Short)		$0.09		
Custom Ringing First Line (Short/Short)		$0.09		
Custom Ringing First Line (Short/Short/Long)		$0.09		
Custom Ringing Second Line (Short/Long/Short)		$0.09		
Custom Ringing Second Line (Short/Short)		$0.09		
Custom Ringing Second Line (Short/Short/Long)		$0.09		
Custom Ringing Third Line (Short/Long/Short)		$0.08		
Custom Ringing Third Line (Short/Short)		$0.08		
Custom Ringing Third Line (Short/Short/Long)		$0.08		
Data Call Protection (DMS 100)		$0.07		
Dir Sta Sel/Busy Lamp Fld per arrangement		$1.83	$0.34	
Directed Call Pickup with Barge-in		$0.18	$20.08	
Directed Call Pickup without Barge-in		$0.10	$20.08	
Distinctive Ring/Distinctive Call Waiting		$0.09	$40.14	
Distinctive Ringing		$0.09		
EBS - Set Interface - per station line		$1.44		
Executive Busy Overide		$0.08		
Expensive Route Warning Tone- per system		$0.07	$71.60	
Facility Restriction Level - per system		$0.07	$44.05	
Feature Display		$0.07		
Group Intercom		$0.16	$0.45	
Hot Line - per line		$0.13	$1.01	
Hunting: Multiposition Circular Hunting		$0.27		
Hunting: Multiposition Hunt Queuing		$0.23	$38.42	
Hunting: Multiposition Series Hunting		$0.27		
Hunting: Multiposition with Announcement in Queue		$3.20	$38.42	
Hunting: Multiposition with Music in Queue		$1.14	$40.57	
Incoming Calls Barred		$0.08		
International Direct Dial Blocking		$0.09		
ISDN Short Hunt		$0.58	$1.69	
Line Side Answer Supervision		$0.09		
Loudspeaker Paging - per trunk group		$21.96	$175.77	
Make Busy Arrangements - per group		$0.36	$0.67	
Make Busy Arrangements - per line		$0.15	$0.67	
Message Center - per main station line		$0.07	$0.34	
Message Waiting Indication Audible/Visual		$0.13		
Message Waiting Visual		$0.13	$0.34	
Music On Hold - per system		$22.87	$23.03	
Network Speed Call		$0.07		
Night Service Arrangement		$0.08		
Outgoing Calls Barred		$0.08		
Outgoing Trunk Queuing		$0.13		
Privacy Release		$0.08	$0.47	
Query Time		$0.25	$0.34	
Speed Calling 1 Digit Controller		$0.08		
Speed Calling 1 Digit User		$0.08		
Speed Calling 1# List Individual		$0.08		
Speed Calling 2 Digit Controller		$0.08		
Speed Calling 2 Digit User		$0.08		
Speed Calling 2# List Individual		$0.08		
Speed Calling 30 Number		$0.08		
Speed Calling 8 Number		$0.08		
Station Camp-On Service - per main station		$8.51	$0.34	
Station Dial Conferencing (6 Way)		$1.71		
Station Message Detail Recording (SMDR)		$0.18		

		Recurring	Nonrecurring	Witness
	Three Way Calling	$0.33		
	Time and Date Display	$0.18		
	Time of Day Control for ARS - per system	$0.07	$125.28	
	Time of Day NCOS Update	$0.08	$0.54	
	Time of Day Routing - per line	$0.13	$0.51	
	Toll Restriction Service	$0.08		
	Trunk Answer Any Station	$0.08		
	Trunk Verification from Designated Station	$0.07	$0.39	
	UCD in hunt group - per line	$8.23	$0.67	
	UCD with Music After Delay	$5.45		
	CMS - SYSTEM ESTABLISHMENT - INITIAL INSTALLATION		$967.37	
	CMS - SYSTEM ESTABLISHMENT - SUBSEQUENT INSTALLATION		$483.69	
	CMS - PACKET CONTROL CAPABILITY, PER SYSTEM		$483.69	
	SMDR-P - SERVICE ESTABLISHMENT CHARGE, INITIAL INSTALLATION		$337.82	
	SMDR-P - ARCHIVED DATA		$176.52	
	CLASS- Call Trace (per Occurrence)		$2.40	
9.11.5	Subsequent Order Charge		$13.51	Brohl
9.11.6	Digital Line Side Port (Supporting BRI ISDN)			
	First Port and Each Additional	$11.19	$218.41	Brohl
9.11.6	DS0 Analog Trunk Port			Brohl
	First Port	$16.98	$122.58	
	Each Additional	$16.98	$28.45	
9.11.7	Digital Trunk Ports			Brohl
	DS1 Local Message Trunk Port	$59.28		
	Message Trunk Group – First Trunk		$208.23	
	Message Trunk Group – Each Additional		$50.62	
	DS1 PRI ISDN Trunk Port	$238.22	$645.72	
	DS1/DID Trunk Port	$3.52	$211.81	
9.12	**Customized Routing**			Brohl
9.12.1	Development of Custom Line Class Code – Directory Assistance or Operator Services Routing Only		ICB[3]	
9.12.2	Installation Charge, per Switch – Directory Assistance or Operator Service Routing Only		ICB[3]	
9.12.3	All Other Custom Routing	ICB[3]	ICB[3]	
9.13	**Common Channel Signaling/SS7**			Brohl
9.13.1	CCSAC STP Port	$260.09	$438.36	
9.13.2	CCSAC Options Activation Charge			
	9.13.2.1 Basic Translations			
	First Activation, per Order		$114.83	
	Each Additional Activation, per Order		$9.53	
	9.13.2.2 CCSAC Options Database Translations			
	First Activation per Order		$133.90	
	Each Additional Activation per Order		$57.20	
9.13.3	Signal Formulation, ISUP, Per Call Set-Up Request	$0.0020817		
9.13.4	Signal Transport, ISUP, Per Call Set-Up Request	$0.0013398		

		Recurring	Nonrecurring	Witness
9.13.5	Signal Transport, TCAP, per Data Request	$0.0002974		
9.13.6	Signal Switching, ISUP, Per Call Set-Up Request	$0.0009411		
9.13.7	Signal Switching, TCAP, Per Data Request	$0.0005910		
9.14	**Advanced Intelligent Network (AIN)**			Brohl
9.14.1	AIN Customized Services (ACS)		ICB[3]	
9.14.2	AIN Platform Access (APA)	ICB[3]	ICB[3]	
9.14.3	AIN Query Processing, per Query	ICB[3]		
9.15	**Line Information Database (LIDB)**			Brohl
9.15.1	LIDB Storage		No Charge	
9.15.2	Line Validation Administration System Access (LVAS)		ICB[3]	
9.15.2.1	LIDB Line Record Initial Load			
9.15.2.1.1	Up to 20,000 Line Records		$2,601.00	
9.15.2.1.2	Over 20,000 Line Records		ICB[3]	
9.15.2.2	Mechanized Service Account Update, per Addition or Update Processed		ICB[3]	
9.15.2.3	Individual Line Record Audit		ICB[3]	
9.15.2.4	Account Group Audit		ICB[3]	
9.15.2.5	Expedited Request Charge for Manual Updates		ICB[3]	
9.15.3	LIDB Query Service, per Query	$0.0009621	See 9.13.2.2	
9.15.4	Fraud Alert Notification, per Alert	No Charge		
9.16	**8XX Database Query Service**			Brohl
9.16.1	Basic Query, per Query	$.02000723	See 9.13.2.2	
9.16.2	POTS Translation	$.00000057		
9.16.3	Call Handling & Destination Feature	$.00000172		
9.17	**ICNAM, Per Query**	$0.000849	See 9.13.2.2	Brohl
9.18	**Construction Charges**		ICB[3]	Kennedy
9.19	**Miscellaneous Elements**			Kennedy
	Additional Engineering – Basic		$31.70	
	Additional Engineering – Overtime		$39.21	
	Additional Labor Installation – Overtime		$9.01	
	Additional Labor Installation – Premium		$18.02	
	Additional Labor Other – Basic		$27.63	
	Additional Labor Other – Overtime		$36.90	
	Additional Labor Other – Premium		$46.19	
	Testing and Maintenance – Basic		$29.35	
	Testing and Maintenance – Overtime		$39.21	
	Testing and Maintenance – Premium		$49.06	
	Maintenance of Service – Basic		$27.63	
	Maintenance of Service – Overtime		$36.90	
	Maintenance of Service – Premium		$46.19	
	Additional COOP Acceptance Testing – Basic		$29.35	
	Additional COOP Acceptance Testing – Overtime		$39.21	
	Additional COOP Acceptance Testing – Premium		$49.06	
	NonScheduled COOP Testing - Basic		$29.35	
	NonScheduled COOP Testing – Overtime		$39.21	
	NonScheduled COOP Testing – Premium		$49.06	
	NonScheduled Manual Testing – Basic		$29.35	
	NonScheduled Manual Testing – Overtime		$39.21	
	NonScheduled Manual Testing – Premium		$49.06	

		Recurring	Nonrecurring	Witness
	Cooperative Scheduled Testing – Loss		$0.08	
	Cooperative Scheduled Testing – C-Message Noise		$0.08	
	Cooperative Scheduled Testing – Balance		$0.33	
	Cooperative Scheduled Testing – Gain Slope		$0.08	
	Cooperative Scheduled Testing – C-Notched Noise		$0.08	
	Manual Scheduled Testing – Loss		$0.17	
	Manual Scheduled Testing – C-Message Noise		$0.17	
	Manual Scheduled Testing – Balance		$0.66	
	Manual Scheduled Testing – Gain Slope		$0.17	
	Manual Scheduled Testing – C-Notched Noise		$0.17	
	Additional Dispatch		$84.23	
	Date Change		$10.36	
	Design Change		$73.78	
	Expedite Charge		ICB[3]	
	Cancellation Charge		ICB[3]	
9.20	**Channel Regeneration**			Kennedy
	DS1 Regeneration	$9.45	$480.05	
	DS3 Regeneration	$34.16	$1,807.55	
9.21	**UNE Platform**			
9.21.1	**UNE-P Conversion**			Brohl
	9.21.1.1 UNE-P POTS, CENTREX, PAL, Analog PBX Mechanized			
	First		$0.68	
	Each Additional		$0.14	
	9.21.1.2 UNE-P POTS, CENTREX, PAL, PBX Manual			
	First		$16.21	
	Each Additional		$2.70	
	9.21.1.3 UNE-P PBX DID Trunk, Existing Service			
	First		$20.61	
	Each Additional		$3.12	
	9.21.1.4 UNE-P ISDN BRI			
	First		$15.09	
	Each Additional		$3.12	
	9.21.1.5 UNE-P ISDN PRI, DSS per DS1 Facility		$51.00	
	9.21.1.6 UNE-P ISDN PRI, DSS Trunk			
	First		$18.77	
	Each Additional		$3.12	
9.21.2	**UNE-P New Connection**			Brohl
	9.21.2.1 UNE-P POTS Mechanized			
	First		$55.31	
	Each Additional		$15.87	
	9.21.2.2 UNE-P POTS Manual			
	First		$82.11	
	Each Additional		$18.44	
9.21.3	**UNE-Combination Private Line**			Kennedy
	DS0/DS1/DS3/OCN/Integrated T-1 Existing Service		$40.87	
9.21.4	**Enhanced Extended Loop (EEL)**			Kennedy
	9.21.4.1 EEL Link			Kennedy
	DS0, First		$249.10	
	DS0, Each Additional		$217.86	

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		Recurring	Nonrecurring	Witness
DS1, First			$306.85	
DS1, Each Additional			$261.17	
DS3, First			$331.21	
DS3, Each Additional			$285.53	
	Recurring Fixed	Recurring Per Mile	Nonrecurring	
9.21.4.2 EEL Transport				Kennedy
DS0 Transport			$306.61	
DS0 Over 0 to 8 Miles	$20.93	$0.14		
DS0 Over 8 to 25 Miles	$20.95	$0.12		
DS0 Over 25 to 50 Miles	$20.99	$0.13		
DS0 Over 50 Miles	$20.94	$0.06		
DS1 Transport			$351.39	
DS1 Over 0 to 8 Miles	$33.05	$1.56		
DS1 Over 8 to 25 Miles	$33.33	$1.26		
DS1 Over 25 to 50 Miles	$33.81	$2.28		
DS1 Over 50 Miles	$33.78	$1.19		
DS3 Transport			$351.39	
DS3 Over 0 to 8 Miles	$210.28	$65.55		
DS3 Over 8 to 25 Miles	$213.45	$20.30		
DS3 Over 25 to 50 Miles	$196.74	$25.43		
DS3 Over 50 Miles	$207.61	$17.49		
9.21.4.3 Multiplexing				Kennedy
DS1 to DS0		$229.32	$267.45	
DS3 to DS1		$246.64	$267.45	
DS1 Transport Mux			$257.04	
DS3 Transport Mux			$257.04	
9.21.4.4 DS0 Channel Performance				Kennedy
DS0 Low Side Channelization		$13.90		
DS1/DS0 MUX, Low Side Channelization		$8.87	$238.79	
9.21.4.5 Concentration Capability		ICB[3]		Kennedy
9.22 Unbundled Packet Switching				
9.22.1 Customer Channel		$24.39		
Customer Channel and Shared Distribution Loop			$59.87	
Customer Channel and Unbundled Distribution Loop			$126.62	
Customer Channel and CLEC Provided Loop			$59.87	
9.22.2 Unbundled Packet Switch Port DS3 Interface		$216.14	$226.51	
9.22.3 Unbundled Packet Switch Port DS1 Interface		$140.24	$226.51	
9.22.4 Unbundled Packet Switch DSLAM Functionality		$21.09		
10.0 Ancillary Services				Brotherson
10.1 Interim Number Portability	New York Method			
10.2 Local Number Portability				
10.2.1 LNP Queries	See FCC Tariff #1 Section 20.3.1 & 20.3.3			
10.2.2 LNP Managed Cuts				
Standard Managed Cuts per person per ½ hr			$27.31[5]	
Overtime Managed Cuts per person per ½ hr			$35.43[5]	
Premium Managed Cuts per person per ½ hr			$43.49[5]	

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		Recurring	Nonrecurring	Witness
10.3 911/E911		No charge		
10.4 White Pages Directory Listings, Facility Based Providers				
10.4.1 Primary Listing		No charge		
10.4.2 Premium/Privacy Listings		Exchange Tariff Rate, less wholesale discount		
10.5 Directory Assistance, Facility Based Providers				
10.5.1 Local Directory Assistance, Per Call		$0.34[2]		
10.5.2 National Directory Assistance, per Call		$0.385[2]		
10.5.3 Call Branding, Set- Up and Recording			$10,500.00[2]	
10.5.4 Loading Brand /Per Switch			$175.00[2]	
10.5.5 Call Completion Link, per call		$0.085[2]		
10.6 Directory Assistance List Information				
10.6.1 Initial Database Load, per Listing		$0.025[2]		
10.6.2 Reload of Database, per Listing		$0.020[2]		
10.6.3 Daily Updates, per Listing		$0.025[2]		
10.6.4 One-time Set-Up Fee, per Hour			$82.22[2]	
10.6.5 Media Charges for File Delivery				
10.6.5.1 Electronic Transmission		$0.0010[2]		
10.6.5.2 Tapes (charges only apply if this is selected as the normal delivery medium for daily updates)		$30.00[2]		
10.6.5.3 Shipping Charges (for tape delivery)		ICB[3]		
10.7 Toll and Assistance Operator Services, Facility Based Providers,				
10.7.1 **Option A** – Per Message				
Operator Handled Calling Card		$0.36[2]		
Machine Handled Calling Card		$0.46[2]		
Station Call		$0.18[2]		
Person Call		$0.84[2]		
Connect to Directory Assistance		$2.05[2]		
Busy Line Verify, per Call		$0.55[2]		
Busy Line Interrupt		$0.72[2]		
Operator Assistance, per Call		$0.87[2]		
10.7.2 **Option B** – Per Operator Work Second and Computer Handled Calls				
Operator Handled, per Operator Work Second		$0.0181[2]		
Machine Handled, per Call		$0.13[2]		
10.7.3 Call Branding, Set-Up & Recording			$10,500[2]	
10.7.4 Loading Brand/Per Switch			$175[2]	
10.8 Access to Poles, Ducts, Conduits and Rights of Way				Kennedy
10.8.1 Pole Inquiry Fee, per Mile			$321.59	
10.8.2 Innerduct Inquiry Fee, per Mile			$386.56	
10.8.3 ROW Inquiry Fee			$142.86	
10.8.4 ROW Document Preparation			$142.86	
10.8.5 Field Verification Fee, per Pole			$35.72	
10.8.6 Field Verification Fee, per Manhole			$464.31	
10.8.7 Planner Verification, per Manhole			$15.93	

		Recurring	Nonrecurring	Witness
10.8.8 Manhole Verification Inspector, per Manhole			$285.73	
10.8.9 Manhole Make Ready Inspector, per Manhole			$428.59	
10.8.10 Pole Attachment Fee, per Foot, per Year		$4.34[4]		
10.8.11 Innerduct Occupancy Fee, per Foot, per Year		$0.37[4]		
10.8.12 Quitclaim Consideration, ROW				
12.0 Operational Support Systems				
12.1 Daily Usage Record File, per Record		$0.0007616		Brohl
12.2 Trouble Isolation Charge	Section 13, Qwest Arizona Exchange and Network Svcs Catalog			
17.0 Bona Fide Request Process			$2,400.07	Kennedy

NOTES:

* Unless otherwise indicated, all rates were proposed in Docket T-00000A-00-0194 on March 15, 2001 and April 16, 2001.

[1] The charges for ICDF Collocation are the non-recurring and recurring charges associated with the unbundled network elements or ancillary services ordered by CLEC, the cost of extending the unbundled network elements or ancillary services to the demarcation point, which are recovered through the ITP charges and the Security charge
[2] Consistent with FCC orders, these rates are Market-Based.
[3] ICB, Individual Case Basis
[4] Rates per FCC Guidelines.
[5] Rate not addressed in Docket T-00000A-00-0194

BEFORE THE ARIZONA CORPORATION COMMISSION

WILLIAM MUNDELL
CHAIRMAN
JIM IRVIN
COMMISSIONER
MARC SPITZER
COMMISSIONER

IN THE MATTER OF INVESTIGATION INTO QWEST CORPORATION'S COMPLIANCE WITH CERTAIN WHOLESALE PRICING REQUIREMENTS FOR UNBUNDLED NETWORK ELEMENTS AND RESALE DISCOUNTS	)	DOCKET NO. T-00000A-99-0194 AFFIDAVIT OF MAUREEN ARNOLD
STATE OF ARIZONA COUNTY OF MARICOPA	)	

Maureen Arnold, of lawful age, first duly sworn deposes and says:

1. My name is Maureen Arnold. I am Director of Policy and Law for Qwest Corporation in Phoenix, Arizona.

2. I hereby swear and affirm that my answers contained in the attached testimony to the questions therein propounded are true and correct to the best of my knowledge and belief.

Maureen Arnold

Maureen Arnold

SUBSCRIBED AND SWORN to before me this 16th day of April, 2001

Josie Maldonado

Notary Public

My Commission Expires:

_____

ORIGINAL

BEFORE THE ARIZONA CORPORATION COMMISSION

WILLIAM A MUNDELL
CHAIRMAN
JIM IRVIN
COMMISSIONER
MARC SPITZER
COMMISSIONER

IN THE MATTER OF INVESTIGATION INTO	]	
QWEST CORPORATION'S COMPLIANCE	]	
WITH CERTAIN WHOLESALE PRICING	]	**DOCKET NO. T-00000A-00-0194**
REQUIREMENTS FOR UNBUNDLED	]	**PHASE II**
NETWORK ELEMENTS AND RESALE	]	**SUPPLEMENTAL DIRECT**
DISCOUNTS.	]	**TESTIMONY**

SUPPLEMENTAL DIRECT TESTIMONY OF

BARBARA J. BROHL

ON BEHALF OF

QWEST CORPORATION

April 16, 2001

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I. IDENTIFICATION OF WITNESS

Q. PLEASE STATE YOUR NAME, BUSINESS ADDRESS, AND POSITION WITH QWEST CORPORATION.

A. My name is Barbara J. Brohl, and I am employed by Qwest Corporation (Qwest) as a Director of Wholesale Advocacy in the Wholesale Markets organization. My business address is 1801 California St, Room 2410, Denver, Colorado 80202.

Q. ARE YOU THE SAME BARBARA J. BROHL WHO FILED DIRECT TESTIMONY IN THIS DOCKET

A. Yes.

Q. WHAT IS THE PURPOSE OF YOUR SUPPLEMENTAL DIRECT TESTIMONY?

A. The purpose of my testimony is to describe additional unbundled network elements ("UNEs") that Qwest is offering and that I did not address in my direct testimony filed March 15, 2001. I am also providing Qwest's proposed recurring and non-recurring rates for these additional UNEs. Specifically, I address the following subjects:

- Unbundled Packet Switching; and
- Line Splitting.

II. UNBUNDLED PACKET SWITCHING

Q. PLEASE DESCRIBE UNBUNDLED PACKET SWITCHING ("UPS").

A. Unbundled Packet Switching provides the functionality of delivering packet data units via a virtual channel between a CLEC demarcation point and the remote DSLAM. Unbundled Packet Switching includes use of transport facilities, DSLAM functionality and ATM electronics necessary to generate a virtual channel.[1]

Q. PLEASE EXPLAIN WHAT A VIRTUAL CHANNEL AND DSLAM FUNCTIONALITY ARE.

A. A virtual channel is a non-permanent channel that is set up to route data from one location to another (rather than a dedicated permanent channel that can be used by only one entity). In the case of packet switching, the channel is set up in advance of the routing of the packets and is in place throughout the transmission of the packets. This creates the virtual path over which all packets for this particular transmission will go. Once the packets are transmitted, the path is released.[2] DSLAM functionality provides the capability and programming that

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[1] In the UNE Remand Order, the FCC defined the functionality of the packet switching unbundled network element. In the Matter of Implementation of the Local Competition Provision of the Telecommunications Act of 1996; Third Report and Order and Fourth Further Notice of Proposed Rulemaking, CC 96-98, FCC 99-238 ¶302 (rel. Nov. 5, 1999) (UNE Remand Order). The FCC stated:

> In packet-switched networks, messages between network users are divided into units, commonly referred to as packets, frames, or cells. These individual units are then routed between network users. The switches that provide this routing function are "packet switches," and the function of routing individual units based on address or other routing information contained in the units is "packet switching."

[2] In footnote 592 of the UNE Remand Order, the FCC noted that:

> With packet switching, the packet switches place data units on inter-switch trunks only when there are active communications between network users. When users are not

allows for both up-stream and down-stream data feeds and is responsible for routing the virtual channel to the appropriate place.

Q. DOES UNBUNDLED PACKET SWITCHING PROVIDE A CLEC WITH ACCESS TO THE DISTRIBUTION PORTION OF THE LOOP?

A. No. UPS only covers the feeder portion of the loop - from the central office out through, and including, the FDI.

Q. WHAT OPTIONS DOES A CLEC HAVE FOR PURCHASING ACCESS TO THE DISTRIBUTION PORTION OF THE LOOP?

A. A CLEC may choose from the following three distribution loop options when requesting unbundled packet switching:

- A CLEC can purchase the distribution subloop and is able to provide both voice and data services to the end-user customer.
- Another CLEC (CLEC2) can purchase the entire UNE loop via UNE-P, and the CLEC purchasing UPS (CLEC1) can purchase distribution from CLEC2.
- For loops over which Qwest provides voice service, a CLEC can line-share, but only over the distribution subloop.

Q. DOES QWEST HAVE AN OBLIGATION TO OFFER UNBUNDLED PACKET SWITCHING?

A. Yes, but only in a limited circumstance.

Q. PLEASE DESCRIBE THE CIRCUMSTANCE IN WHICH QWEST HAS AN OBLIGATION TO OFFER UNBUNDLED PACKET SWITCHING.

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sending each other messages or packets, no bandwidth is used on the trunks between the packet switches.

A. Qwest is obligated to offer unbundled packet switching when the following four conditions exist:

- Qwest has deployed digital loop carrier systems ("DLC");
- There are no spare copper loops available capable of supporting xDSL services;
- Qwest has placed a DSLAM for its own use in a remote Qwest premises but has not permitted the CLEC to collocate its own DSLAM at the same remote Qwest premises; and
- Qwest has deployed packet switching capability for its own use.

Q. WHAT AUTHORITY DOES QWEST RELY UPON FOR ITS ASSERTION THAT ACCESS TO UNBUNDLED PACKET SWITCHING IS REQUIRED ONLY IN A LIMITED CIRCUMSTANCE?

A. In its UNE Remand Order, the FCC found "one limited exception to [its] decision to decline to unbundle packet switching."[3] The FCC then laid out its criteria: where the ILEC has deployed digital loop carrier (DLC) systems, no spare copper facilities are available, and the incumbent has placed its DSLAM in a remote terminal. The FCC went on to find that the ILEC will not be required to offer access to unbundled packet switching "if it permits a requesting carrier to collocate its DSLAM in the incumbent's remote terminal, on the same terms and conditions that apply to its own DSLAM."[4]

Q. PLEASE DESCRIBE THE RATE ELEMENTS THAT QWEST PROPOSES FOR PACKET SWITCHING.

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[3] UNE Remand Order ¶313.

[4] Id.

A. Qwest proposes the following rate elements:

(1) Unbundled Packet Switch Customer Channel. This rate element consists of two (2) rate sub-elements: DSLAM functionality and virtual transport.

(1a) DSLAM functionality contains both a non-recurring rate and a recurring rate. Rates will vary depending on the following factors: (a) Uncommitted Bit Rate or, (b) Committed Bit Rate at 256 Kbps, 512 Kbps, 768 Kbps, 1 Mbps, or 7 Mbps.

(1b) Virtual Transport which includes virtual loop transport from the DSLAM to the Qwest Wire Center and virtual interoffice transport from the Wire Center serving the end-user customer to the Wire Center containing the packet switch. Both a non-recurring rate and a recurring rate shall apply. If a CLEC provisions its own transport, then this rate element shall not apply.

(2) Unbundled Packet Switch Loop Capability. This element includes loop facilities between the Remote DSLAM and the end-user customer premises and will vary depending on the type of loop elements, which may be either a Dedicated Loop or a Shared Loop. If a CLEC provisions its own transport from the end user customer to the DSLAM, this rate element shall not apply.

(3) Unbundled Packet Switch Interface Port. This element involves the CLEC obtaining the Unbundled Packet Switch Interface Port currently contained within Qwest's network. This port may be a DS1 or DS3 port on a packet switch, allowing virtual channels to be connected and transmitted to CLEC network.

Q. DOES QWEST PROPOSE BOTH RECURRING AND NON-RECURRING RATES FOR UNBUNDLED PACKET SWITCHING?

A. As described above, Qwest is proposing both recurring and non-recurring charges for unbundled packet switching. The proposed rates may be found in Exhibit MA-1A, which is attached to Ms. Maureen Arnold's supplemental direct testimony.

III. LINE SPLITTING

Q. PLEASE DESCRIBE LINE SPLITTING.

A. Line Splitting provides CLECs with the opportunity to offer advanced data service simultaneously with an existing UNE-P by using the frequency range above the voice band on the copper loop. The advanced data service may be provided by a CLEC or another data service provider chosen by the CLEC. A POTS splitter must be inserted into the UNE-P to accommodate establishment of the advanced data service. The POTS splitter separates the voice and data traffic and allows the copper loop to be used for simultaneous DLEC data transmission and CLEC-provided voice service to the end user.[5]

Q. IS QWEST OBLIGATED TO OFFER A LINE SPLITTING PRODUCT?

A. Yes. In its Line Splitting Order, the FCC clarified that "incumbent LECs have a [current] obligation to permit competing carriers to engage in line splitting using the UNE-platform where competing carrier purchases the entire loop and provides its own splitter."[6]

Q. IS QWEST RESPONSIBLE FOR PROVIDING THE SPLITTER?

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[5] For purposes of this testimony, "CLEC" will refer to the voice provider and "DLEC" will refer to the advanced data service provider. The CLEC and DLEC may be the same entity as when one CLEC chooses to provide both voice and data services, or they may be separate entities as when two CLECs choose to partner together to provide voice and data services.

[6] In the Matter of Deployment of Wireline Services Offering Advanced Telecommunications Capability and Implementation of the Local Competition Provisions of the Telecommunications Act of 1996, Third Report and Order On Reconsideration in CC Docket No. 98-147, Fourth Report and Order on Reconsideration in CC Docket No. 96-98, Third Further Notice of Proposed Rulemaking in CC Docket No. 98-147, Sixth Further

A. No. The CLEC, either on its own or through a partnership with a DLEC, is responsible for providing the splitter and any other equipment necessary to provide both voice and data services to an end-user across a single UNE-P POTS line.

Q. IS THE SPLITTER INSTALLED IN CONJUNCTION WITH QWEST'S PROCESSING OF THE CLEC'S REQUEST FOR LINE SPLITTING?

A. No. It is necessary that any construction required to install the splitter be completed before Qwest can process the CLEC's request for line splitting. As a result, the recurring and non-recurring rates associated with installation of the splitter are addressed in my direct testimony on line sharing filed on March 15, 2001.

Q. ARE THERE ANY RECURRING OR NON-RECURRING RATES THAT ARE SPECIFIC TO LINE SPLITTING?

A. No. With the description of line splitting that Qwest is advocating, the costs associated with line splitting are addressed with proposed or existing rates.

Q. WHAT RECURRING RATES WOULD APPLY WHEN A CLEC ORDERS LINE SPLITTING?

A. The voice CLEC would be charged the recurring rates normally assessed in the purchase of UNE-P POTS. In addition, the recurring rate for Interconnection Tie

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Notice Of Proposed Rulemaking in CC Docket No. 96-98, FCC 01-26 ¶19 (rel. Jan. 19, 2001) (Line Splitting Order).

Pairs ("ITPs") per termination would apply. There will be one ITP for voice and one ITP for data.

Q. WHAT NON-RECURRING RATES WOULD APPLY WHEN A CLEC ORDERS LINE SPLITTING?

A. There is a non-recurring charge proposed for basic installation (Shared Loop, per loop). In addition, as with line sharing, other non-recurring charges may be applicable for items such as line conditioning and trouble isolation.

Q. DOES THIS CONCLUDE YOUR TESTIMONY?

A. Yes. I have concluded my testimony.

BEFORE THE ARIZONA CORPORATION COMMISSION

WILLIAM A. MUNDELL
CHAIRMAN
JIM IRVIN
COMMISSIONER
MARC SPITZER
COMMISSIONER

IN THE MATTER OF INVESTIGATION INTO QWEST CORPORATION'S COMPLIANCE WITH CERTAIN WHOLESALE PRICING REQUIREMENTS FOR UNBUNDLED NETWORK ELEMENTS AND RESALE DISCOUNTS	)	**DOCKET NO. T-00000A-00-0194** **Phase II** **AFFIDAVIT OF BARBARA J. BROHL**
STATE OF DENVER	)	
COUNTY OF DENVER	)	

Barbara J. Brohl, of lawful age being first duly sworn, deposes and states:

1. My name is Barbara J. Brohl. I am Director – Wholesale Advocacy of Qwest Corporation in Denver, Colorado. I have caused to be filed written supplemental direct testimony and exhibits in support of Qwest Corporation in Docket No. T-00000A-00-0194, Phase 2.

2. I hereby swear and affirm that my answers contained in the attached testimony to the questions therein propounded are true and correct to the best of my knowledge and belief.

Further affiant sayeth not.

Barbara J. Brohl
Barbara J. Brohl

SUBSCRIBED AND SWORN to before me this 12th day of April, 2001.

Jan M Turner
Notary Public residing at
Denver, Colorado

My Commission Expires: 4-13-2002

ORIGINAL

BEFORE THE ARIZONA CORPORATION COMMISSION

WILLIAM A. MUNDELL
CHAIRMAN
JIM IRVIN
COMMISSIONER
MARC SPITZER
COMMISSIONER

IN THE MATTER OF INVESTIGATION INTO QWEST CORPORATION'S COMPLIANCE WITH CERTAIN WHOLESALE PRICING REQUIREMENTS FOR UNBUNDLED NETWORK ELEMENTS AND RESALE DISCOUNTS	)	DOCKET NO. T-00000A-00-0194 PHASE II SUPPLEMENTAL TESTIMONY

SUPPLEMENTAL DIRECT TESTIMONY OF

LARRY B. BROTHERSON

ON BEHALF OF

QWEST CORPORATION

APRIL 16 2001

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I. INTRODUCTION

Q. PLEASE STATE YOUR NAME, OCCUPATION AND BUSINESS ADDRESS.

A. My name is Larry B. Brotherson. I am employed by Qwest Corporation ("Qwest"), f/k/a U S WEST Communications, Inc., as a director in the Wholesale Markets organization. My business address is 1801 California Street, Room 2350, Denver, Colorado 80202.

Q. ARE YOU THE SAME LARRY BROTHERSON WHO HAS FILED DIRECT TESTIMONY IN THIS PROCEEDING?

A. Yes.

II. PURPOSE

Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?

A. The purpose of my testimony is to address two subjects. The first subject concerns the need to apply symmetrical switched access rates for IntraLATA toll traffic that would result in competitive local exchange carriers ("CLECs") charging Qwest the same switched access rates that Qwest charges. The second subject expands on testimony I provided in my initial direct testimony relating to directory listings, operator services and directory assistance ("OS/DA"). In this testimony, I make clear that Qwest is proposing market-based pricing for these services. These two subjects were addressed in the Procedural Order dated February 15, 2001. It states:

> IT IS FURTHER ORDERED that Qwest shall file direct testimony on remaining issues, including, any issues deferred to this or the SGAT Docket from the 271 workshops (such as reciprocal compensation for ISP traffic and switched access issues), SGAT General Terms and Conditions to the

extent not addressed in 271 Workshops or other proceedings, and market-based prices, where applicable, by 4:00 p.m. on April 16, 2001.

III. TESTIMONY

Q. THE PROCEDURAL ORDER ALLOWS QWEST TO FILE SUPPLEMENTAL DIRECT TESTIMONY CONCERNING ANY ISSUES THAT WERE NOT ADDRESSED IN QWEST'S INITIAL DIRECT TESTIMONY. IS SWITCHED ACCESS AMONG THE REMAINING ISSUES THAT QWEST IS ADDRESSING IN ITS SUPPLEMENTAL FILING?

A. Yes. Switched access is discussed in Qwest's SGAT in Section 7.3.1. That SGAT provision reads:

> "Where either party acts as an IntraLATA Toll provider, each Party shall bill the other symmetrical rates using Qwest's Tariffed Switched Access rates as a surrogate."

Q. WHY IS QWEST PROPOSING SYMMETRICAL SWITCHED ACCESS RATES FOR INTRALATA TOLL?

A. If CLECs were permitted to charge Qwest switched access rates in excess of Qwest's tariffed switched access rates, there would be several improper effects. These effects would include having Qwest's end users potentially subsidize the CLEC's end users, since CLECs could use the difference in access rates to subsidize their IntraLATA toll rates. IntraLATA toll is a very competitive service, and one carrier should not be expected to subsidize another carrier. This result would be anti-competitive.

Q. DID YOU ADDRESS DIRECTORY LISTING, OPERATOR SERVICES AND DIRECTORY ASSISTANCE IN YOUR PREVIOUS TESTIMONY?

A. Yes.

Q. WHY ARE YOU ADDRESSING THESE SERVICES IN THIS TESTIMONY?

A. In my previous testimony I described the services and rate elements associated with these services. However, I did not discuss the pricing for these rate elements. In its Third Report and Order, and Fourth Further Notice of Proposed Rulemaking, docket CC 96-98, the Federal Communications Commission ("FCC") eliminated the requirement for UNE pricing for Operator Services or Directory Assistance (OS/DA)[1]. The FCC did, however, retain the requirement for Qwest to continue to provide non-discriminatory access to its OS/DA as required under section 251(b) of the Telecom Act.

Q. PLEASE DISCUSS THE PRICING FOR DIRECTORY LISTING, OPERATOR SERVICES, AND DIRECTORY ASSISTANCE THAT QWEST IS PROPOSING.

A. Qwest is proposing market-based pricing for these services.

Q. WHY IS QWEST PRESENTING MARKET-BASED PRICING FOR THESE SERVICES?

A. Because each of these services is a competitive service, market-based pricing is appropriate.

IV. CONCLUSION

Q. PLEASE SUMMARIZE YOUR TESTIMONY.

A. My testimony describes why this Commission should adopt the proposed language in the SGAT that requires symmetrical switched access rate for IntraLATA toll for the reasons I discussed. In addition, this Commission should adopt market-based pricing

[1] At paragraph 442.

for competitive services, such as directory list service, operator service, and directory assistance service.

Q. DOES THIS CONCLUDE YOUR TESTIMONY?

A. Yes.

BEFORE THE ARIZONA CORPORATION COMMISSION

WILLIAM MUNDELL
CHAIRMAN
JIM IRVIN
COMMISSIONER
MARC SPITZER
COMMISSIONER

IN THE MATTER OF INVESTIGATION INTO Qwest CORPORATION'S COMPLIANCE WITH CERTAIN WHOLESALE PRICING REQUIREMENTS FOR UNBUNDLED NETWORK ELEMENTS AND RESALE DISCOUNTS	)	**DOCKET NO. T-00000A-00-0194 Phase II SUPPLEMENTAL TESTIMONY**

SUPPLEMENTAL DIRECT TESTIMONY OF

ROBERT F. KENNEDY

ON BEHALF OF

QWEST CORPORATION

APRIL 16, 2001

Q. PLEASE STATE YOUR NAME, BUSINESS ADDRESS AND POSITION WITH QWEST CORPORATION.

A. My name is Robert F. Kennedy. My business address is 1314 Douglas-on-the-Mall, 6th Floor, Omaha, Nebraska 68102. My principal business responsibility is to testify in regulatory and legal proceedings concerning Qwest's wholesale services and products.

Q. ARE YOU THE SAME ROBERT F. KENNEDY WHO FILED DIRECT TESTIMONY IN THIS DOCKET?

A. Yes.

Q. WHAT IS THE PURPOSE OF YOUR SUPPLEMENTAL DIRECT TESTIMONY?

A. This Supplemental Direct Testimony describes two additional products that were not addressed in my March 15, 2001 direct testimony filed in this docket. Specifically, I describe the Space Availability Report and Space Option Reservation.

Q. PLEASE DESCRIBE THE SPACE AVAILABILITY REPORT.

A. The Space Availability Report may be ordered by a CLEC and will be provided by Qwest for each central office specified. The report will contain the following information: the number of collocations within the central office, the number of equipment bay spaces available, measures underway to make additional space

available for collocation, and any modifications in the use of the space since the last report was issued

Q. HOW MAY THE SPACE AVAILABILITY REPORT BENEFIT A CLEC?

A. The Space Availability Report provides the CLEC with information necessary to better plan its initial and future collocation installations in Qwest central office locations. By utilizing the Space Availability Report, the CLEC may better evaluate its opportunity to serve end user customers located within a particular geographic area.

Q. PLEASE DESCRIBE SPACE OPTION RESERVATION.

A. Space Option Reservation permits the CLEC to reserve collocation space. A nonrecurring charge equal to 25% of the proposed TELRIC-based nonrecurring collocation charge will apply for the Space Option Reservation.

Q. DOES THIS CONCLUDE YOUR TESTIMONY?

A. Yes it does. Thank you.

BEFORE THE ARIZONA CORPORATION COMMISSION

IN THE MATTER OF INVESTIGATION INTO QWEST CORPORATION'S COMPLIANCE WITH CERTAIN WHOLESALE PRICING REQUIREMENTS FOR UNBUNDLED NETWORK ELEMENTS AND RESALE DISCOUNTS	)	**DOCKET NO. T-00000A-00-0194, Phase 2**
	)	**AFFIDAVIT OF Robert F. Kennedy**
STATE OF NEBRASKA	)	
COUNTY OF DOUGLAS	)	

Robert F. Kennedy, of lawful age being first duly sworn, depose and states:

1. My name is Robert F. Kennedy. I am Manager – Interconnection of Qwest Corporation in Omaha, Nebraska. I have caused to be filed written supplemental direct testimony in support of Qwest Corporation in Docket No. T-00000A-00-0194, Phase 2.

2. I hereby swear and affirm that my answers contained in the attached testimony to the questions therein propounded are true and correct to the best of my knowledge and belief.

Further affiant sayeth not.

Robert F Kennedy

SUBSCRIBED AND SWORN to before me this 9th day of April, 2001 2001.

Notary Public residing at
Omaha, Nebraska.

My Commission Expires: GENERAL NOTARY-State of Nebraska MARK C. HOLLING My Comm. Exp. Aug. 15, 2003

ORIGINAL

BEFORE THE ARIZONA CORPORATION COMMISSION

WILLIAM A. MUNDELL
CHAIRMAN
JIM IRVIN
COMMISSIONER
MARC SPITZER
COMMISSIONER

IN THE MATTER OF INVESTIGATION INTO QWEST CORPORATION'S COMPLIANCE WITH CERTAIN WHOLESALE PRICING REQUIREMENTS FOR UNBUNDLED NETWORK ELEMENTS AND RESALE DISCOUNTS.	]	**DOCKET NO. T-00000A-00-0194 PHASE II**

SUPPLEMENTAL DIRECT TESTIMONY OF

TERESA K. MILLION

ON BEHALF OF

QWEST CORPORATION

APRIL 16, 2001

I. IDENTIFICATION OF WITNESS

Q. PLEASE STATE YOUR NAME, BUSINESS ADDRESS, AND POSITION WITH QWEST CORPORATION.

A. My name is Teresa K. (Terri) Million. My business address is 1801 California Street, Room 4450, Denver, Colorado 80202. I am employed by Qwest Services Corporation as a Director, Service Costs, in the Policy and Law Department. In this position, I am responsible for preparing testimony and testifying about Qwest's cost studies in a variety of regulatory proceedings.

Q. HAVE YOU PREVIOUSLY FILED TESTIMONY IN THIS PROCEEDING?

A. Yes. On April 24, 2000, I filed direct testimony in Phase I of this proceeding. I also filed direct testimony in Phase II of this proceeding on October 11, 2000. That testimony was replaced by my Direct Testimony filed March 15, 2001.

II. PURPOSE OF TESTIMONY

Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?

A. The purpose of my testimony is to present supplemental incremental cost data for unbundled network elements and interconnection services. These data are utilized as the basis for the pricing recommendations contained in the testimony of Ms. Barbara Brohl and Mr. Robert Kennedy. I also submit an updated version

of the Vertical Features cost study that results in a decreased cost for several of the CLASS features. Although costs for these features change, the descriptions of the individual features provided previously in Ms. Brohl's testimony do not change.

In addition, this Supplemental Direct testimony provides some corrections to my Direct testimony and the Exhibit labeled TKM-01 filed on March 15, 2001. Specifically, I correct a typographical error in the testimony and clarify certain element descriptions on Exhibit TKM-01. In addition, I add DC Power cables, which were contained in the Collocation cost study (Exhibit TKM-06) but were inadvertently omitted from Exhibit TKM-01. Finally, I remove certain nonrecurring charges that were included on Exhibit TKM-01 to clarify application of appropriate nonrecurring charges. As a result of these changes, I am submitting a new version of the Exhibit (Exhibit TKM-01A) that replaces Exhibit TKM-01 in its entirety.

III. SUPPLEMENTAL COST INFORMATION

Q. WHAT NEW INFORMATION ARE YOU PROVIDING AT THIS TIME?

A. I am providing TELRIC studies for two new interconnection services: (1) Unbundled Packet Switching; and (2) Space Availability Report. I am also providing an updated cost study for Vertical Features.

Q. COULD YOU BRIEFLY DESCRIBE THE UNBUNDLED PACKET SWITCHING SERVICE?

A. Yes. In its Third Report and Order and Fourth Further Notice of Proposed Rulemaking, CC Docket No. 96-98, released November 5, 1999,[1] the FCC required packet switching to be unbundled in certain circumstances. Barbara Brohl discusses these circumstances in her supplemental testimony. In the situations where Qwest is required to offer this service, Qwest provides unbundled packet switch interface ports at either a DS-1 or DS-3 level in the central office. Exhibit TKM – 20 presents costs for these two types of ports. In addition, the service includes an unbundled packet switch Customer Channel that provides the path from the remote Digital Subscriber Line Access Multiplexer (DSLAM) to the interface port, including all functionality of the DSLAM. In the event the CLEC chooses to provide its own facility from the DSLAM to the central office, Qwest offers an alternative to the Customer Channel that only provides the DSLAM functionality. Exhibit TKM - 20 presents costs for these two options.

Q. ARE THERE NONRECURRING CHARGES ASSOCIATED WITH UNBUNDLED PACKET SWITCHING?

A. Yes. Nonrecurring charges for the work activities involved in providing the DS1/DS3 ATM Switch Interface Port(s) necessary to connect the unbundled packet switch Customer Channel are included in Exhibit TKM-21. The ports are the physical entry points into the ATM Cell Relay Service Network and include

the electronic equipment used in connecting the channel to the ATM Cell Relay Service Network.

Exhibit TKM-22 presents the nonrecurring charges for work activities necessary to connect the unbundled packet switch Customer Channel and the Distribution Subloop at an established Field Connection Point (FCP) arrangement. The nonrecurring charges vary depending on the way the CLEC chooses to purchase Distribution Subloop. Barbara Brohl discusses three possible alternatives the CLECs have for purchasing Distribution plant, either from Qwest or another CLEC.

Q. COULD YOU DESCRIBE THE BASIS OF THE COSTS FOR THE SPACE AVAILABILITY REPORT?

A. Yes. The charge for the space availability report applies on a "per office" basis each time a CLEC requests space for collocation. Costs for the space availability report are based on costs Qwest incurs to determine if space is available and result from work performed in the Common Systems Planning Engineering Center (CSPEC) and the Infrastructure Availability Center (IAC). The tasks that are involved in developing and preparing these reports include verifying existing conditions in the central office, identifying available space and processing the report. The cost study entitled Collocation: Space Inquiry (Exhibit TKM – 23)

[1] At paragraph 313.

presents the costs for the activities associated with producing the space availability report.

Q. WHY ARE YOU UPDATING THE VERTICAL FEATURES COST STUDY?

A. As part of Qwest's normal review process, comparing the reasonableness of costs filed in one state against those being filed in another state, it was discovered that the amounts reflected in Exhibit TKM-01 for CLASS features had been typed incorrectly. In the process of correcting that error, it was also discovered that the features portion of the Switching Cost Model (SCM) had been updated to reflect new investments for the CLASS features. I am updating the Vertical Features cost study because the change in investment inputs to the cost study resulted in significant decreases in the cost of those features.

For example, the features module was updated to reflect a change in the way the Screen List Editing (SLE) features function. Previously the module assumed costs for multiple shared announcements. Today SLE recorded announcements are driven by the length of time the subscriber stays connected to the announcement. Thus, instead of multiple announcements the module now assumes an average length of time for a single announcement. The result of this change is a significant decrease in the costs for CLASS features. These decreases are reflected in the Vertical Features study (Exhibit TKM-24) and on revised Exhibit TKM-01A.

Q. ARE THERE ANY OTHER CHANGES REFLECTED IN THE VERTICAL FEATURES COST STUDY?

A. Yes. It was discovered that, although, the number of shared recorded announcements had been changed for Interoffice features in a previous update of the features module (filed in Arizona on March 15, 2001), the number of announcements for Intraoffice features remained unchanged. When shared recorded announcements included in the investments for Intraoffice features were also decreased the costs for CLASS Continuous Redial and Last Call Return decreased. These changes are also reflected in Exhibits TKM-24 and TKM-01A.

IV. ERRATA TO DIRECT TESTIMONY

Q. WHAT TYPOGRAPHICAL ERROR ARE YOU CORRECTING IN THIS SUPPLEMENTAL TESTIMONY?

A. On page 58, Line 12 of my Direct testimony, filed March 15, 2001, the OSS cost for Line Sharing was shown as $3.20 per line. This amount was incorrect. My testimony should have presented the cost as $2.74 per line in concurrence with the amount displayed in Exhibit TKM-01 (now TKM-01A) at Section Number 9.4.2.

Q. WHAT COST ELEMENT DESCRIPTIONS ARE YOU CHANGING?

A. The Cost Element description in Exhibit TKM-01 filed March 15, 2001, at Section Number 8.1.3 was displayed as "Power Usage." The correct description for that section is "-48 Volt Power Usage." In addition, at Section Numbers 8.3.2 and 8.3.4 of Exhibit TKM-01, there were no descriptions included to indicate adjustments for 40A and 60A Power Feeds. The reason for this is that for Cageless Collocation, the 40A Power Feed is included in Space Construction, and for Caged Collocation, the 60A Power Feed is included in Space Construction. However, in an effort to clarify this in Exhibit TKM-01A, a description for "Space Construction Adjustment for 40A Initial Power Feed" has been added to Section Number 8.3.2, and a description for "Space Construction Adjustment for 60A Initial Power Feed" has been added to Section Number 8.4.2. Finally, a number of existing element descriptions have been enhanced to clarify the application of the charge or the units to which the charge applies. These changes and additions are clearly marked in Exhibit TKM-01A.

Q. WHAT DC POWER CABLE CHARGES DID YOU ADD TO THE COLLOCATION CHARGES PRESENTED IN TKM-01?

A. The recurring and nonrecurring charges for –48 Volt DC Power Cables were inadvertently omitted from Virtual collocation in Exhibit TKM-01. These costs were included in the Collocation study submitted on March 15, 2001, as part of the Cageless section of Collocation. Under Cageless collocation these elements are labeled "Additional DC Power Feeds." Under Virtual collocation these

elements are labeled "-48 Volt DC Power Cables." The –48 Volt DC Power Cables are now included as Section Number 8.2.8 in Exhibit TKM-01A.

Q. WHAT NONRECURRING CHARGES HAVE YOU REMOVED FROM EXHIBIT TKM-01?

A. I have removed the nonrecurring charges associated with the descriptions for UDIT Multiplexing DS3 to DS1 and Multiplexing DS1 to DS0 from Section Number 9.6.9.

Q. WHY HAVE YOU REMOVED THESE NONRECURRING CHARGES FROM EXHIBIT TKM-01?

A. I have removed the nonrecurring charges for these two elements because the appropriate nonrecurring charges are reflected in the element descriptions immediately following for UDIT M1-3 Multiplexing, M1-0 Multiplexing High Side and M1-0 Multiplexing Low Side. Section Number 9.6.9 in Exhibit TKM-01A now more appropriately presents the recurring and associated nonrecurring charges for UDIT Multiplexing.

Q. ARE THERE OTHER ERRATA EITHER TO YOUR TESTIMONY OR EXHIBITS THAT YOU ARE PRESENTING AT THIS TIME?

A. Yes. Certain section numbers have been corrected so that they align with Exhibit MA-1A as presented in the supplemental testimony of Maureen Arnold. In addition, I have added Cost Study ID Numbers where appropriate to provide a

more complete cross-reference between the recurring and nonrecurring charges presented in Exhibit TKM-01A and the underlying cost studies.

Q. DOES THIS CONCLUDE YOUR TESTIMONY?

A. Yes, it does.

BEFORE THE ARIZONA CORPORATION COMMISSION

WILLIAM A. MUNDELL
CHAIRMAN
JIM IRVIN
COMMISSIONER
MARC SPITZER
COMMISSIONER

IN THE MATTER OF INVESTIGATION INTO QWEST CORPORATION'S COMPLIANCE WITH CERTAIN WHOLESALE PRICING REQUIREMENTS FOR UNBUNDLED NETWORK ELEMENTS AND RESALE DISCOUNTS.	]]]]]]	**DOCKET NO. T-00000A-00-0194** **PHASE II**

EXHIBITS OF

TERESA K. MILLION

APRIL 16, 2001

INDEX OF EXHIBITS

The following Exhibits are provided in CD format:

TKM-01A	Revised Summary of Recurring and Nonrecurring Costs
TKM-20	Unbundled Packet Switching (UPS) – Recurring
TKM-21	UPS DS1/DS3 ATM Switch Interface Port – Nonrecurring
TKM-22	UPS Customer Channel/Distribution Connection – Nonrecurring
TKM-23	Space Availability Report – Nonrecurring
TKM-24	Vertical Features

BEFORE THE ARIZONA CORPORATION COMMISSION

WILLIAM A. MUNDELL
CHAIRMAN
JIM IRVIN
COMMISSIONER
MARC SPITZER
COMMISSIONER

IN THE MATTER OF INVESTIGATION INTO QWEST CORPORATION'S COMPLIANCE WITH CERTAIN WHOLESALE PRICING REQUIREMENTS FOR UNBUNDLED NETWORK ELEMENTS AND RESALE DISCOUNTS	)	**DOCKET NO. T-00000A-00-0194 Phase II**
STATE OF COLORADO	)	**AFFIDAVIT OF TERESA K. MILLION**
COUNTY OF DENVER	)	

Teresa K. Million, of lawful age being first duly sworn, deposes and states:

1. My name is Teresa K. Million. I am Director – Service Costs of Qwest Corporation in Denver, Colorado. I have caused to be filed written supplemental direct testimony and exhibits in support of Qwest Corporation in Docket No. T-00000A-00-0194, Phase II.

2. I hereby swear and affirm that my answers contained in the attached testimony to the questions therein propounded are true and correct to the best of my knowledge and belief.

Further affiant sayeth not.

Teresa K Million
Teresa K. Million

SUBSCRIBED AND SWORN to before me this 9th day of April, 2001.

Jennifer Lopez
Notary Public residing at
Denver, Colorado

My Commission Expires: May 17, 2003

Summary of Recurring and Nonrecurring Costs

ORIGINAL

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
6.2	**CUSTOMER TRANSFER CHARGE (CTC)**					
6.2.1	Customer Transfer Charge POTS First Mechanized			$0.68	4591	
	Customer Transfer Charge POTS Each Addl Mechanized			$0.14	4591	
6.2.2	Customer Transfer Charge POTS First Manual			$16.21	4591	
	Customer Transfer Charge POTS each addl Manual			$2.70	4591	
6.2.3	CTC for Private Line Transport Services					
	Customer Transfer Charge Private Line First			$40.87	4591	
	Customer Transfer Charge Private Line Each Addl			$40.87	4591	
6.2.4	Customer Transfer Charge Advanced Communication Service Per CKT			$51.34	4591	
7.0	**INTERCONNECTION**					
7.1	Entrance Facilities/EUDIT with Customer Location Electronics					
7.1.1	DS1 Entrance Facility		$92.18	$218.84	4679/4591	
7.1.2	DS3 Entrance Facility		$486.15	$414.26	4679/4591	
7.2	**LIS EICT**					
7.2.1	DS1 EICT		$10.24	$161.70	4701/4591	
7.3	Interconnection Tie Pair (ITP) (Optional)		$1.58		4694	
7.4	Regeneration (Optional)		$9.45	$480.05	4703	
7.2.2	DS3 EICT		$47.99	$357.12	4701/4591	
	Interconnection Tie Pair (ITP) (Optional)		$15.92		4694	
	Regeneration (Optional)		$34.16	$1,807.55	4703	
7.5	**DIRECT TRUNK TRANSPORT**					
7.5.1	DS1 Over 0 to 8 Miles	$33.05	$1.56		4679	
	DS1 Over 8 to 25 Miles	$33.33	$1.26		4679	
	DS1 Over 25 to 50 Miles	$33.81	$2.28		4679	
	DS1 Over 50 Miles	$33.78	$1.19		4679	

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
7.5.2	DS3 Over 0 to 8 Miles	$210.28	$65.55		4679	
	DS3 Over 8 to 25 Miles	$213.45	$20.30		4679	
	DS3 Over 25 to 50 Miles	$196.74	$25.43		4679	
	DS3 Over 50 Miles	$207.61	$17.49		4679	
7.6	**MULTIPLEXING**					
	Multiplexing DS3 to DS1, Per System		$246.64		4679	C
	Multiplexing DS3 to DS1, Per Subsequent Channel			$267.45	4591	C
7.7	**TRUNK NONRECURRING CHARGES**					
7.7.1	DS1 Interface, First Trunk			$353.67	4591	
	DS1 Interface, Each Additional Trunk			$5.90	4591	
7.7.2	DS3 Interface, First Trunk			$360.45	4591	
	DS3 Interface, Each Additional Trunk			$12.69	4591	
7.8	**LOCAL TRAFFIC**					
7.8.1	End office call termination, per minute of use		$0.002207		4679	
7.8.2	**Tandem Switched Transport**					
7.8.2.1	Tandem Switching, per Minute of Use		$0.001653		4679	
7.8.2.2	Tandem Transmission, per Minute of Use					
	0 to 8 miles	$0.000485	$0.0000454		4679	
	8 to 25 miles	$0.000494	$0.0000227		4679	
	25 to 50 miles	$0.000477	$0.0000117		4679	
	Over 50 miles	$0.000461	$0.0000042		4679	
7.11.4	Category 11 Mechanized Record Charge, per Record		$0.001819		4671	

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
8.0	**COLLOCATION**					
8.1.1	Collocation Entrance Facility, Per Fiber					
8.1.1	Standard Shared per Fiber		$15.17	$1,232.89	4694	
8.1.1	Cross Connect per Fiber		$22.75	$1,658.09	4694	
8.1.1	Express per Cable		$240.26	$8,783.09	4694	
8.1.2	**Cable Splicing**					
8.1.2	Fiber Per Set Up			$474.74	4694	
8.1.2	Per fiber Spliced			$37.95	4694	
8.1.3	**-48 Volt Power Usage**					C
8.1.3	Power Plant per Amp Ordered		$11.36		4694	
8.1.3	Power Usage-Less than 60 AMPS per Amp Ordered		$3.69		4694	
8.1.3	Power Usage-More than 60 AMPS per Amp Ordered		$7.37		4694	
8.1.4	**Backup AC Power Feed Usage**					
8.1.4.1	120 V per Amp per Month		$19.26		4694	
8.1.4.1	208 V, Single Phase per Amp per Month		$33.38		4694	
8.1.4.1	208 V, Three Phase per Amp per Month		$57.75		4694	
8.1.4.1	240 V, Single Phase per Amp per Month		$38.52		4694	
8.1.4.1	240 V, Three Phase per Amp per Month		$66.64		4694	
8.1.4.1	480 V, Three Phase per Amp per Month		$133.28		4694	
8.1.4.2	**Backup AC Power Cable - Per Foot, per Month**					
8.1.4.2	20 Amp, Single Phase per Foot		$0.0146	$7.98	4694	
8.1.4.2	20 Amp, Three Phase per Foot		$0.0181	$9.90	4694	
8.1.4.2	30 Amp, Single Phase per Foot		$0.0157	$8.61	4694	
8.1.4.2	30 Amp, Three Phase per Foot		$0.0216	$11.82	4694	
8.1.4.2	40 Amp, Single Phase per Foot		$0.0185	$10.12	4694	
8.1.4.2	40 Amp, Three Phase per Foot		$0.0254	$13.93	4694	
8.1.4.2	50 Amp, Single Phase per Foot		$0.0219	$12.01	4694	
8.1.4.2	50 Amp, Three Phase per Foot		$0.0306	$16.76	4694	
8.1.4.2	60 Amp, Single Phase per Foot		$0.0248	$13.58	4694	
8.1.4.2	60 Amp, Three Phase per Foot		$0.0352	$19.29	4694	
8.1.4.2	100 Amp, Single Phase per Foot		$0.0307	$16.81	4694	
8.1.4.2	100 Amp, Three Phase per Foot		$0.0479	$26.24	4694	

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
8.1.5	Inspector - Regular Business Hours Per 1/2 Hour			$31.18	4694	
8.1.5	Inspector - Outside Regular Business Hours Per 1/2 Hour			$38.96	4694	
8.1.8	**COLLOCATION TERMINATIONS**					
8.1.8.1	DS0 Cable Placement per 100 Pair Block or,		$0.5701	$243.35	4694	
8.1.8.1	DS0 Cable Placement per Termination		$0.0107	$4.57	4694	
8.1.8.1	DS0 Cable per 100 Pair Block or,		$0.7333	$313.03	4694	
8.1.8.1	DS0 Cable per Termination		$0.0100	$4.29	4694	
8.1.8.1	DS0 Blocks per 100 Pair Block or,		$1.2786	$545.80	4694	
8.1.8.1	DS0 Blocks per Termination		$0.0175	$7.48	4694	
8.1.8.1	DS0 Block Placement per 100 Pair Block or,		$0.5913	$252.40	4694	
8.1.8.1	DS0 Block Placement per Termination		$0.0081	$3.46	4694	
8.1.8.2	DS1 Cable Placement per block (28 DS1s) or,		$0.7386	$404.75	4694	
8.1.8.2	DS1 Cable Placement per Termination		$0.0794	$43.52	4694	
8.1.8.2	DS1 Cable per block (28 DS1s) or,		$0.6594	$361.38	4694	
8.1.8.2	DS1 Cable per per Termination		$0.0709	$38.86	4694	
8.1.8.2	DS1 Panel per block (28 DS1s) or,		$0.7525	$412.36	4694	
8.1.8.2	DS1 Panel per Termination		$0.0908	$49.78	4694	
8.1.8.2	DS1 Panel Placement per block (28 DS1s) or,		$0.1576	$86.36	4694	
8.1.8.2	DS1 Panel Placement per Termination		$0.0169	$9.29	4694	
8.1.8.3	DS3 Cable Placement per Termination		$0.3007	$164.79	4694	
8.1.8.3	DS3 Cable per Termination		$0.4258	$233.36	4694	
8.1.8.3	DS3 Panel/Connector per Termination		$0.4388	$240.45	4694	
8.1.8.3	DS3 Panel/Connector Placement per Termination		$0.0453	$24.81	4694	
8.1.9	**SECURITY**					
	Access Card per Employee		$0.87		4694	
	Card Access Per Person per Office per Month		$8.07		4694	
8.1.10	C O Clock Synchronization per Port		$7.70		4694	
8.1.11	Space Availability Report, Per Office			$333.55	4986	N

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
8.3	**CAGELESS COLLOCATION**					
8.3.1	Quotation Preparation Fee			$4,380.68	4694	
8.3.2	Space Construction for 2 Bays and 1 - 40A Power Feed		$54.42	$29,823.10	4694	
8.3.2	Space Construction Adjustment for 20A Initial Power Feed		-$3.97	-$2,177.62	4694	
8.3.2	Space Construction Adjustment for 30A Initial Power Feed		-$2.54	-$1,389.75	4694	
8.3.2	Space Construction Adjustment for 40A Initial Power Feed		Included in Space Construction			N
8.3.2	Space Construction Adjustment for 60A Initial Power Feed		$3.48	$1,907.82	4694	C
8.2.2	Space Construction Adjustment for Each Additional Bay		$5.52	$3,024.83	4694	
	Additional DC Power Feeds - Does not apply to Initial Feed					
8.3.2	Each Additional 20A Power Feed		$10.09	$5,528.47	4694	
8.3.2	Each Additional 30A Power Feed		$11.53	$6,316.35	4694	
8.3.2	Each Additional 40A Power Feed		$14.06	$7,706.09	4694	
8.3.2	Each Additional 60A Power Feed		$17.54	$9,613.92	4694	
8.3.3	Floor Space Lease, Per Sq. Ft.		$3.96			
8.4	**CAGED COLLOCATION**					
8.4.1	Quotation Preparation Fee - Caged Construction			$4,763.06	4694	
8.4.1	**Space Construction**					
8.4.1	Cage-Up to 100 Sq Ft		$94.30	$51,675.14	4694	
8.4.1	Cage-101 Sq Ft to 200 Sq Ft		$97.85	$53,623.79	4694	
8.4.1	Cage-201 Sq Ft to 300 Sq Ft		$100.62	$55,139.10	4694	
8.4.1	Cage-301 Sq Ft to 400 Sq Ft		$104.08	$57,038.08	4694	

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
8.4.2	Space Construction Adjustment for 20A Initial Power Feed		-$15.41	-$8,444.49	4694	
8.4.2	Space Construction Adjustment for 30A Initial Power Feed		-$14.03	-$7,687.98	4694	
8.4.2	Space Construction Adjustment for 40A Initial Power Feed		-$11.14	-$6,106.39	4694	
8.4.2	Space Construction Adjustment for 60A Initial Power Feed		Included in Space Construction			N
8.4.2	Space Construction Adjustment for 100A Initial Power Feed		$17.06	$9,348.19	4694	C
8.4.2	Space Construction Adjustment for 200A Initial Power Feed		$54.46	$29,843.97	4694	
8.4.2	Space Construction Adjustment for 300A Initial Power Feed		$99.92	$54,756.39	4694	
8.4.2	Space Construction Adjustment for 400A Initial Power Feed		$153.68	$84,219.54	4694	
	Additional DC Power Feeds - Does not apply to Initial Feed					
8.4.2	Each Additional 20A Power Feed		$12.73	$6,973.86	4694	
8.4.2	Each Additional 30A Power Feed		$14.11	$7,730.36	4694	
8.4.2	Each Additional 40A Power Feed		$16.99	$9,311.95	4694	
8.4.2	Each Additional 60A Power Feed		$28.14	$15,418.34	4694	
8.4.2	Each Additional 100A Power Feed		$45.19	$24,766.54	4694	
8.4.2	Each Additional 200A Power Feed		$82.59	$45,262.31	4694	
8.4.2	Each Additional 300A Power Feed		$128.05	$70,174.74	4694	
8.4.2	Each Additional 400A Power Feed		$181.82	$99,637.89	4694	
8.4.3	Rent per Square Foot		$3.96		4694	
8.4.4	Grounding					
8.4.4	#2 AWG per Foot		$0.0230	$12.59	4694	
8.4.4	1/0 AWG per Foot		$0.0382	$20.96	4694	
8.4.4	4/0 AWG per Foot		$0.0435	$23.81	4694	
8.4.4	350 KCMIL per Foot		$0.0603	$33.04	4694	
8.4.4	500 KCMIL per Foot		$0.0672	$36.81	4694	
8.4.4	750 KCMIL per Foot		$0.1029	$56.40	4694	

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
8.2	**VIRTUAL COLLOCATION**					
8.2.1	Quotation Preparation Fee - Virtual			$4,380.68	4694	
8.2.2	Maintenance - Regular Business Hours Per 1/2 Hour			$27.97	4694	
8.2.2	Maintenance - Outside Regular Business Hours Per 1/2 Hour			$37.43	4694	
8.2.3	Training - Regular Business Hours Per 1/2 Hour			$27.97	4694	
8.2.4	Equipment Bay per Shelf		$3.75		4694	
8.2.5	Engineering - Regular Business Hours Per 1/2 Hour			$30.18	4694	
8.2.5	Engineering - Outside Regular Business Hours Per 1/2 Hour			$38.96	4694	
8.2.6	Installation - Regular Business Hours Per 1/2 Hour			$31.89	4694	
8.2.6	Installation - Outside Regular Business Hours Per 1/2 Hour			$41.07	4694	
8.2.7	Rent per Square Foot		$3.96		4694	
8.2.8	**-48 V DC Power Cables**					N
	20A Power Feed, Per Feed		$10.09	$5,528.47	4694	N
	30A Power Feed, Per Feed		$11.53	$6,316.35	4694	N
	40A Power Feed, Per Feed		$14.06	$7,706.09	4694	N
	60A Power Feed, Per Feed		$17.54	$9,613.92	4694	N
8.8	**CLEC TO CLEC CONNECTIONS**					
8.8.1	Flat Charge (Design Engineering & Installation - NO CABLES.)			$1,353.22	4704	
8.8.2	Cable Racking (per foot), DS0		$0.17316		4704	
8.8.2	Cable Racking (per foot), DS1		$0.18388		4704	
8.8.2	Cable Racking (per foot), DS3		$0.15906		4704	
8.8.3	Virtual Connections (NO CABLES) DS0 (per 100 Connections)			$223.03	4704	C
8.8.3	Virtual Connections (NO CABLES) DS1 (per 28 Connections)			$101.73	4704	C
8.8.3	Virtual Connections (NO CABLES) DS3 (per 1 Connection)			$8.80	4704	C
8.8.4	Cable Hole (if applicable)			$425.99	4704	

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
8.8.5	**CLEC TO CLEC CROSS CONNECTION**			$255.25	4591	
9.0	**Unbundled Network Elements (UNEs)**					
9.1	**Interconnection Tie Pairs (ITP) – Per Termination**					
	DS0 Per Connection		$0.51		4704	
	DS1 Per Connection		$1.58		4704	
	DS3 Per Connection		$15.92		4704	
9.2	**UNBUNDLED LOOPS**					
9.2.1	Analog Loops					
9.2.1	Unbundled Loop (2 Wire) Statewide Average		$28.96			
	Unbundled Loop (2 Wire) Zone 1		$23.07		4679	
	Unbundled Loop (2 Wire) Zone 2		$28.64		4679	
	Unbundled Loop (2 Wire) Zone 3		$42.14		4679	
	Unbundled Loop (4 Wire) Statewide Average		$58.41			
	Unbundled Loop (4 Wire) Zone 1		$46.63		4679	
	Unbundled Loop (4 Wire) Zone 2		$57.76		4679	
	Unbundled Loop (4 Wire) Zone 3		$84.76		4679	
9.2.2	**Non-loaded Loops**					
9.2.3	CABLE UNLOADING/BRIDGE TAP REMOVAL			$649.98	4591	
9.2.4	**Digital Capable Loops**					
9.2.4.1	Basic Rate ISDN Capable Loop/xDSL/ADSL		Same as 9.2.1			
9.2.4.2	DS1 Capable Loop Zone 1		$89.89		4700	
9.2.4.2	DS1 Capable Loop Zone 2		$90.46		4700	
9.2.4.2	DS1 Capable Loop Zone 3		$100.30		4700	
9.2.4.2	DS1 Capable Loop State Avg.		$92.18		4700	

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
9.2.4.3	DS3 Capable Loop Zone 1		$954.79		4700	
9.2.4.3	DS3 Capable Loop Zone 2		$967.83		4700	
9.2.4.3	DS3 Capable Loop Zone 3		$1,189.60		4700	
9.2.4.3	DS3 Capable Loop State Avg.		$1,006.64		4700	
9.2.5	2-Wire Extension Technology		$5.93		4679	
9.2.6	**DSO Loop Installation Charges**					
	LOOP BASIC INSTALLATION FIRST			$87.91	4591	
	LOOP BASIC INSTALLATION EA ADDL			$75.74	4591	
	LOOP BASIC INSTALL WITH PERFORMANCE TESTING FIRST			$191.45	4591	
	LOOP BASIC INSTALL WITH PERFORMANCE TESTING EA ADD'L			$137.36	4591	
	LOOP COORD INSTALL, COOP TESTING FIRST			$231.24	4591	
	LOOP COORD INSTALL, COOP TESTING EA ADDL			$137.36	4591	
	LOOP COORD INSTALL, W/O TESTING FIRST			$94.96	4591	
	LOOP COORD INSTALL, W/O TESTING EA ADDL			$82.79	4591	
	LOOP BASIC INSTALL COOP TESTING FIRST			$191.45	4591	
	LOOP BASIC INSTALL COOP TESTING EA ADDL			$137.36	4591	
9.2.7	**DS1 Loop Installation**					
	DS1 CAPABLE LOOP BASIC INSTALL FIRST			$143.52	4591	
	DS1 CAPABLE LOOP BASIC INSTALL EA ADDL			$110.31	4591	

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
	DS1 CAPABLE LOOP BASIC INSTALL PERFORMANCE TEST FIRST			$276.96	4591	
	DS1 CAPABLE LOOP PERFORMANCE TEST EA ADDL			$202.83	4591	
	DS1 CAPABLE LOOP COORD INSTALL WITH COOPERATIVE TEST FIRST			$316.75	4591	
	DS1 CAPABLE LOOP COORD INSTALL WITH COOPERATIVE TEST EA ADDL			$202.83	4591	
	DS1 CAPABLE LOOP COORD INSTALL W/O TEST FIRST			$152.59	4591	
	DS1 CAPABLE LOOP COORD INSTALL W/O TEST EA ADDL			$119.37	4591	
	DS1 CAPABLE LOOP BASIC INSTALL WITH COOPERATIVE TEST FIRST			$276.96	4591	
	DS1 CAPABLE LOOP BASIC INSTALL WITH COOPERATIVE TEST EA ADDL			$202.83	4591	
9.2.8	**DS3 LOOP INSTALLATION**					
	DS3 CAPABLE LOOP BASIC INSTALL FIRST			$143.52	4591	
	DS3 CAPABLE LOOP BASIC INSTALL EA ADDL			$110.31	4591	
	DS3 CAPABLE LOOP BASIC INSTALL PERFORMANCE TEST FIRST			$276.96	4591	
	DS3 CAPABLE LOOP PERFORMANCE TEST EA ADDL			$202.83	4591	
	DS3 CAPABLE LOOP COORD INSTALL WITH COOPERATIVE TEST FIRST			$316.75	4591	
	DS3 CAPABLE LOOP COORD INSTALL WITH COOPERATIVE TEST EA ADDL			$202.83	4591	
	DS3 CAPABLE LOOP COORD INSTALL W/O TEST FIRST			$152.59	4591	
	DS3 CAPABLE LOOP COORD INSTALL W/O TEST EA ADDL			$119.37	4591	
	DS3 CAPABLE LOOP BASIC INSTALL WITH COOPERATIVE TEST FIRST			$276.96	4591	
	DS3 CAPABLE LOOP BASIC INSTALL WITH COOPERATIVE TEST EA ADDL			$202.83	4591	

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
9.3	**SUB-LOOP**					
9.3.1	Distribution - Statewide Average		$22.24		4677	
	Distribution - ZONE 1		$15.85		4677	
9.3.1	Distribution - ZONE 2		$21.57		4677	
	Distribution - ZONE 3		$35.23		4677	
	Unbundled Distribution Sub-Loop First			$120.90	4591	
	Unbundled Distribution Sub-Loop Each Add'l			$55.26	4591	
9.3.1	2-Wire Non Loaded		Same as 9.3.1			
9.3.2	Building Cable - Per Pair		$1.24		4677	
9.3.3	DS1 Capable Feeder Loop State Avg.		$79.72		4700	
	DS1 Capable Feeder Loop Zone1		$77.43		4700	
	DS1 Capable Feeder Loop Zone2		$78.01		4700	
	DS1 Capable Feeder Loop Zone3		$87.85		4700	
	DS1 Feeder Sub-Loop First			$292.08	4591	
	DS1 Feeder Sub-Loop Each Add'l			$218.54	4591	
9.3.4	Field Connection Point Quotation Preparation Fee			$1,631.67	4591	
9.4	**LINE SHARING**					
9.4.1	Shared Loop (per loop per order)		$5.00	$37.54	4591	
9.4.2	OSS Per Line Per Month		$2.74		3972	
9.4.6	Splitter Shelf Charge		$6.63	$531.91	4702	
9.4.4.1	Splitter in the Common Area - Data to 410 Block		$8.57	$3,175.97	4702	
9.4.4.1	Splitter in the Common Area - Data Direct to CLEC		$8.99	$3,333.21	4702	
9.4.4.3	Splitter on the MDF - Data to 410 Block		$2.81	$1,039.82	4702	
9.4.4.3	Splitter on the MDF - Data Direct to CLEC		$6.03	$2,233.08	4702	
9.4.4.2	Splitter on the IDF - Data to 410 Block		$2.73	$1,010.84	4702	
9.4.4.2	Splitter on the IDF - Data Direct to CLEC		$5.11	$1,892.62	4702	
9.4.8	Engineering			$1,274.63	4702	

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
9.5	**Network Interface Device (2 Wire) Statewide Average/Network Interface Device**					
9.5	NID		$1.44	$68.49	4679/4591	
9.6	**UDIT**					
9.6.1	UDIT DSO			$306.61	4591	
	Over 0 to 8 Miles, Fixed & Over 0 to 8 Miles, Per Air Mile	$20.93	$0.14		4679	
	Over 8 to 25 Miles, Fixed & Over 8 to 25 Miles, Per Air Mile	$20.95	$0.12		4679	
	Over 25 to 50 Miles, Fixed & Over 25 to 50 Miles, Per Air Mile	$20.99	$0.13		4679	
	Over 50 Miles, Fixed & Over 50 Miles, Per Air Mile	$20.94	$0.06		4679	
9.6.2	UDIT DS1			$351.39	4591	
	Over 0 to 8 Miles, Fixed & Over 0 to 8 Miles, Per Air Mile	$33.05	$1.56		4679	
	Over 8 to 25 Miles, Fixed & Over 8 to 25 Miles, Per Air Mile	$33.33	$1.26		4679	
	Over 25 to 50 Miles, Fixed & Over 25 to 50 Miles, Per Air Mile	$33.81	$2.28		4679	
	Over 50 Miles, Fixed & Over 50 Miles, Per Air Mile	$33.78	$1.19		4679	
9.6.3	UDIT DS3			$351.39	4591	
	Over 0 to 8 Miles, Fixed & Over 0 to 8 Miles, Per Air Mile	$210.28	$65.55		4679	
	Over 8 to 25 Miles, Fixed & Over 8 to 25 Miles, Per Air Mile	$213.45	$20.30		4679	
	Over 25 to 50 Miles, Fixed & Over 25 to 50 Miles, Per Air Mile	$196.74	$25.43		4679	
	Over 50 Miles, Fixed & Over 50 Miles, Per Air Mile	$207.61	$17.49		4679	

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
9.6.4	UDIT OC3			$351.39	4591	
	Over 0 to 8 Miles, Fixed & Over 0 to 8 Miles, Per Air Mile	$794.64	$252.46		4679	
	Over 8 to 25 Miles, Fixed & Over 8 to 25 Miles, Per Air Mile	$801.21	$67.90		4679	
	Over 25 to 50 Miles, Fixed & Over 25 to 50 Miles, Per Air Mile	$765.56	$92.37		4679	
	Over 50 Miles, Fixed & Over 50 Miles, Per Air Mile	$788.37	$57.09		4679	
9.6.5	UDIT OC12			$351.39	4591	
	Over 0 to 8 Miles, Fixed & Over 0 to 8 Miles, Per Air Mile	$2,247.68	$87.64		4679	
	Over 8 to 25 Miles, Fixed & Over 8 to 25 Miles, Per Air Mile	$2,247.68	$85.54		4679	
	Over 25 to 50 Miles, Fixed & Over 25 to 50 Miles, Per Air Mile	$2,247.68	$98.38		4679	
	Over 50 Miles, Fixed & Over 50 Miles, Per Air Mile	$2,247.68	$115.44		4679	
9.6.8	Low Side Channel Performance		$13.90		4678	
	Low Side Channel Performance with MULTIPLEXING		$8.87		4678	
9.6.9	Multiplexing DS3 to DS1, Per system		$246.64		4679	C
9.6.9	Multiplexing DS1 to DS0, Per System		$229.32		4679	C
9.6.9	UDIT M1-3 Multiplexing, Per System			$2,558.27	4591	C
9.6.9	UDIT M1-0 Multiplexing High side, Per system			$272.49	4591	C
9.6.9	UDIT M1-0 Multiplexing Low side, Per Channel		$8.87	$238.79	46784591	C
9.6.7	DS1 E-UDIT Without Customer Location Electronics		$59.13	$409.62	4679/4591	
9.6.7	DS3 E-UDIT Without Customer Location Electronics		$335.36	$409.62	4679/4591	
9.6.7	OC3 E-UDIT Without Customer Location Electronics		$734.07	$409.62	4679/4591	
9.6.7	OC12 E-UDIT Without Customer Location Electronics		$1,377.93	$409.62	4679/4591	

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
9.6.10	UDIT DS0 REARRANGEMENT DUAL OFFICE			$218.11	4591	
9.6.10	UDIT DS0 REARRANGEMENT SINGLE OFFICE			$175.49	4591	
9.6.10	UDIT HICAP REARRANGEMENT DUAL OFFICE			$264.86	4591	
9.6.10	UDIT HICAP REARRANGEMENT SINGLE OFFICE			$237.35	4591	
9.7	**Unbundled Dark Fiber**					
9.7.2	DARK FIBER - INITIAL RECORDS INQUIRY CO TO CO OR CO TO CUST PREM			$158.80	4591	
9.7.2	DARK FIBER - MID-SPAN SPLICE/STRUCTURE POINT INQUIRY (Complex)			$202.48	4591	
9.7.3	DARK FIBER - FIELD VERIFICATION AND QUOTE PREPARATION			$1,478.86	4591	
9.7.5	**UDF IOF**					
	Interoffice Dark Fiber - Per Route Mile		$88.52			
	2 Fiber Termination - Wire Center		$7.57		4700	
	2 Fiber Cross Connect		$4.20		4700	C
	Optical Cross Connect/Fiber Pair/Central Office			$21.46	4591	C
	Dark fiber NRC Per Occurrence, Per route - First fiber Pair			$561.17	4591	C
	Dark fiber NRC Per Occurrence, Per route - Ea. Add'l Fiber Pair			$270.70	4591	C
9.7.6	**UDF Loop**					
	Unbundled Dark Fiber Loop - Per 2 Fiber Loop		$122.02		4700	
	2 fiber Loop Termination - Wire Center		$7.84		4700	
	2 fiber loopTermination - Premises		$6.97		4700	
	Optical Cross Connect/Fiber Pair/Central Office			$21.46	4591	C
	Dark fiber NRC Per Occurrence, Per route - First fiber Pair			$561.17	4591	
	Dark fiber NRC Per Occurrence, Per route - Ea. Add'l Fiber Pair			$270.70	4591	
9.8	**Shared Transport**					
9.9.1	Shared Transport per MOU		$0.001573		4679	

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
9.10	**Local Tandem Switching**					
9.10.1	DS1 Trunk Port Facility		$59.28	$219.99	4679/4591	
9.10.2	Member Trunk Port 1st			$210.14	4591	
9.10.3	Member Trunk Port Ea. Add'l			$24.38	4591	
9.10.4	Local Tandem Switching per MOU		$0.002453		4679	
9.11	**Local Switching**					
9.11.1	DS0 Analog Line Port		$1.33	$144.93	4679/4591	
9.11.2	Each Addditional DS0 Analog Line Port		$1.33	$95.34	4679/4591	
9.11.3	Local Switching UNE per MOU		$0.002684		4679	
9.11.4	**VERTICAL FEATURES**					
	10XXX Direct Dialed Blocking		$0.08		5011	
	Account Codes - per system		$7.56	$79.66	5011/4591	
	Attendant Access Line - per station line		$0.08	$1.15	5011/4591	
	Audible Message Waiting		$0.13	$1.01	5011/4591	
	Authorization Codes - per system		$3.25	$238.25	5011/4591	
	Auto Callback		$0.08		5011	
	Automatic Line		$0.07	$0.34	5011	
	Automatic Route Selection - Common Equip. per system		$2.20	$2,090.41	5011/4591	
	Blocking of pay per call services		$0.10		5011	
	Bridging		$0.07		5011	
	Call Drop		$0.07	$0.34	5011/4591	
	Call Exclusion - Automatic		$0.07	$1.01	5011/4591	
	Call Exclusion - Manual		$0.07	$0.67	5011/4591	
	Call Forward Don't Answer - All Calls		$0.13		5011	
	Call Forwarding Incoming Only		$0.08		5011	
	Call Forwarding Intra Group Only		$0.08		5011	
	Call Forwarding Variable Remote		$0.11		5011	
	Call Forwarding: Busy Line (Expanded)		$0.09		5011	
	Call Forwarding: Busy Line (External)		$0.09		5011	

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
	Call Forwarding: Busy Line (External) Don't Answer		$0.15		5011	
	Call Forwarding: Busy Line (Overflow)		$0.09		5011	
	Call Forwarding: Busy Line (Overflow) Don't Answer		$0.15		5011	
	Call Forwarding: Busy Line (Programmable)		$0.10		5011	
	Call Forwarding: Busy Line/Don't Answer Programmable Svc. Establishment			$15.59	4591	
	CF DON'T ANSWER/CF BUSY CUSTOMER PROGRAMMABLE - PER LINE			$1.01	4591	
	Call Forwarding: Busy Line/Don't Answer (Expanded)		$0.15	$37.75	5011/4591	
	Call Forwarding: Don't Answer		$0.13	$37.75	5011/4591	
	Call Forwarding: Don't Answer (Expanded)		$0.13		5011	
	Call Forwarding: Don't Answer (Programmable)		$0.13		5011	
	Call Forwarding: Variable		$0.10		5011	
	Call Forwarding: Variable - no call complete option		$0.10		5011	
	Call Hold		$0.08		5011	
	Call Hold/3-Way/Call Transfer		$0.33		5011	
	Call Park (Basic - Store & Retrieve)		$0.09		5011	
	Call Pickup		$0.08		5011	
	Call Transfer		$0.33		5011	
	Call Waiting Dial Originating		$0.08		5011	
	Call Waiting Indication - per timing state		$0.47	$1.01	5011/4591	
	Call Waiting Originating		$0.09		5011	
	Call Waiting Terminating - All Calls		$0.12		5011	
	Call Waiting Terminating - Incoming Only		$0.12		5011	
	Call Waiting/ Cancel Call Waiting		$0.14		5011	
	CENTREX COMMON EQUIPMENT			$1,200.97	4591	
	Centrex Management System (CMS)		$0.60		5011	
	Centrex Plus DID numbers per number		$0.12		5011	
	Centrex Plus to Centrex Plus		$5.49		5011	
	Centrex Plus to IC Carrier		$5.49		5011	
	Centrex Plus to PBX/Key Blocked		$5.49		5011	
	Centrex Plus to PBX/Key Non-Blocked		$5.49		5011	
	CFBL - All Calls		$0.09		5011	
	CFBL - Incoming Only		$0.09	$37.75	5011/4591	
	CFDA Incoming Only		$0.08	$37.75	5011/4591	C
	CLASS - Anonymous Call Rejection		$0.34		5011	C

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
	CLASS - Call Waiting ID		$0.11		5011	C
	CLASS - Calling Name & Number		$0.43		5011	C
	CLASS - Calling Number Delivery		$0.10		5011	C
	CLASS - Calling Number Delivery - Blocking		$0.35		5011	C
	CLASS - Continuous Redial		$0.30	$1.26	5011/4591	C
	CLASS - Last Call Return		$0.10	$1.26	5011/4591	C
	CLASS - Priority Calling		$0.19	$1.20	5011/4591	C
	CLASS - Selective Call Forwarding		$0.17	$1.26	5011/4591	C
	CLASS - Selective Call Rejection		$0.23	$1.20	5011/4591	C
	Common Equipment per 1.544 Mbps facility (DS1)		$60.34		5011	
	Conference Calling - Meet Me		$14.59	$42.29	5011/4591	C
	Conference Calling - Preset		$10.68	$42.29	5011/4591	C
	Custom Ringing First Line (Short/Long/Short)		$0.09		5011	
	Custom Ringing First Line (Short/Short)		$0.09		5011	
	Custom Ringing First Line (Short/Short/Long)		$0.09		5011	
	Custom Ringing Second Line (Short/Long/Short)		$0.09		5011	
	Custom Ringing Second Line (Short/Short)		$0.09		5011	
	Custom Ringing Second Line (Short/Short/Long)		$0.09		5011	
	Custom Ringing Third Line (Short/Long/Short)		$0.08		5011	
	Custom Ringing Third Line (Short/Short)		$0.08		5011	
	Custom Ringing Third Line (Short/Short/Long)		$0.08		5011	
	Data Call Protection (DMS 100)		$0.07		5011	
	Dir Sta Sel/Busy Lamp Fld per arrangement		$1.83	$0.34	5011/4591	
	Directed Call Pickup with Barge-in		$0.18	$20.08	5011/4591	
	Directed Call Pickup without Barge-in		$0.10	$20.08	5011/4591	
	Distinctive Ring/Distinctive Call Waiting		$0.09	$40.14	5011/4591	
	Distinctive Ringing		$0.09		5011	
	EBS - Set Interface - per station line		$1.44		5011	
	Executive Busy Overide		$0.08		5011	
	Expensive Route Warning Tone- per system		$0.07	$71.60	5011/4591	
	Facility Restriction Level - per system		$0.07	$44.05	5011/4591	
	Feature Display		$0.07		5011	
	Group Intercom		$0.16	$0.45	5011/4591	
	Hot Line - per line		$0.13	$1.01	5011/4591	

Summary of Recurring and Nonrecurring Costs

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	Hunting: Multiposition Circular Hunting		$0.27		5011	
	Hunting: Multiposition Hunt Queuing		$0.23	$38.42	5011/4591	
	Hunting: Multiposition Series Hunting		$0.27		5011	
	Hunting: Multiposition with Announcement in Queue		$3.20	$38.42	5011/4591	
	Hunting: Multiposition with Music in Queue		$1.14	$40.57	5011/4591	
	Incoming Calls Barred		$0.08		5011	
	International Direct Dial Blocking		$0.09		5011	
	ISDN Short Hunt		$0.58	$1.69	5011/4591	
	Line Side Answer Supervision		$0.09		5011	
	Loudspeaker Paging - per trunk group		$21.96	$175.77	5011/4591	
	Make Busy Arrangements - per group		$0.36	$0.67	5011/4591	
	Make Busy Arrangements - per line		$0.15	$0.67	5011/4591	
	Message Center - per main station line		$0.07	$0.34	5011/4591	
	Message Waiting Indication Audible/Visual		$0.13		5011	
	Message Waiting Visual		$0.13	$0.34	5011/4591	
	Music On Hold - per system		$22.87	$23.03	5011/4591	
	Network Speed Call		$0.07		5011	
	Night Service Arrangement		$0.08		5011	
	Outgoing Calls Barred		$0.08		5011	
	Outgoing Trunk Queuing		$0.13		5011	
	Privacy Release		$0.08	$0.47	5011/4591	
	Query Time		$0.25	$0.34	5011/4591	
	Speed Calling 1 Digit Controller		$0.08		5011	
	Speed Calling 1 Digit User		$0.08		5011	
	Speed Calling 1# List Individual		$0.08		5011	
	Speed Calling 2 Digit Controller		$0.08		5011	
	Speed Calling 2 Digit User		$0.08		5011	
	Speed Calling 2# List Individual		$0.08		5011	
	Speed Calling 30 Number		$0.08		5011	
	Speed Calling 8 Number		$0.08		5011	
	Station Camp-On Service - per main station		$8.51	$0.34	5011/4591	
	Station Dial Conferencing (6 Way)		$1.71		5011	C
	Station Message Detail Recording (SMDR)		$0.18		5011	
	Three Way Calling		$0.33		5011	

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
	Time and Date Display		$0.18		5011	
	Time of Day Control for ARS - per system		$0.07	$125.28	5011/4591	
	Time of Day NCOS Update		$0.08	$0.54	5011/4591	
	Time of Day Routing - per line		$0.13	$0.51	5011/4591	
	Toll Restriction Service		$0.08		5011	
	Trunk Answer Any Station		$0.08		5011	
	Trunk Verification from Designated Station		$0.07	$0.39	5011/4591	
	UCD in hunt group - per line		$8.23	$0.67	5011/4591	
	UCD with Music After Delay		$5.45		5011	
	CMS - SYSTEM ESTABLISHMENT - INITIAL INSTALLATION			$967.37	4591	
	CMS - SYSTEM ESTABLISHMENT - SUBSEQUENT INSTALLATION			$483.69	4591	
	CMS - PACKET CONTROL CAPABILITY, PER SYSTEM			$483.69	4591	
	SMDR-P - SERVICE ESTABLISHMENT CHARGE, INITIAL INSTALLATION			$337.82	4591	
	SMDR-P - ARCHIVED DATA			$176.52	4591	
	CLASS - Call Trace (per occurrence)			$2.40	4270	
9.11.5	Subsequent Order Charge			$13.51	4591	
9.11.6	Unbundled 2 Wire Digital Line Port (BRI/ISDN)		$11.19	$218.41	4679/4591	
	Unbundled 2 Wire Digital Line Port (BRI/ISDN) Ea. Add'l		$11.19	$218.41	4679/4591	C

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
9.11.6	**Digital Trunk Ports**					
	UnBundled DS1 DID Trunk Port Facility		$3.52	$211.81	4679/4591	
	UNBUNDLED (DS0) DIGITAL TRUNK PORT - 1ST			$208.23	4591	
	UNBUNDLED (DS0) DIGITAL TRUNK PORT - ADDITIONAL			$50.62	4591	
	Unbundled DS1 PRI - ISDN Trunk Port		$238.22	$645.72	4679/4591	
	MEMBER (DS0) TRUNK PORT - 1ST		$16.98	$122.58	4679/4591	
	MEMBER DS0 TRUNK PORT - ADDITIONAL		$16.98	$28.45	4679/4591	
9.11.6	DS0 Trunk Port		$16.98		4679	
	Unbundled (DS0) Analog Trunk Port, First			$122.58	4591	
	Unbundled (DS0) Analog Trunk Port, E.a Add'l			$28.45	4591	
9.12.1.8	Local Switching UNE per Minute of Use		$0.002684		4679	
	COMMON CHANNEL SIGNALING/SS7					
9.13.1	STP Port		$260.09	$438.36	4679/4591	
9.13.2.1	CCSAC OPTIONS BASIC FIRST ACTIVATION PER ORDER			$114.83	4591	
9.13.2.1	CCSAC OPTIONS BASIC EACH ADDL ACTIVATION PER ORDER			$9.53	4591	
9.13.2.2	CCSAC OPTIONS DATABASE FIRST ACTIVATION PER ORDER			$133.90	4591	
9.13.2.2	CCSAC OPTIONS DATABASE EA ADDL ACTIVATION PER ORDER			$57.20	4591	
9.13.3	ISUP Signal Formulation		$0.0020817		4679	
9.13.4	ISUP Signal Transport		$0.0013398		4679	
9.13.5	TCAP Signal Transport		$0.0002974		4679	
9.13.6	ISUP Signal Switching		$0.0009411		4679	
9.13.7	TCAP Signal Switching		$0.0005910		4679	
9.15.3	LIDB per Query		$0.0009621	Same as 9.13.2.2	4679	

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
9.16	**8XX DATABASE QUERY SERVICE**					
9.16.1	Basic Query, per Query		$0.02000723	Same as 9.13.2.2	4679	
9.16.2	POTS Translation		$0.00000057		4679	
9.16.3	Call Handling & Destination Feature		$0.00000172		4679	
9.17	**ICNAM, PER QUERY**					
9.18	UCNAM Query - per Query		$0.000849	Same as 9.13.2.2	4673	
9.19	**Miscellaneous Elements**					
	ADDITIONAL ENGINEERING - BASIC (PER HALF HOUR)			$31.70	4591	
	ADDITIONAL ENGINEERING - OVERTIME (PER HALF HOUR)			$39.21	4591	
	ADDITIONAL LABOR INSTALLATION - OVERTIME (PER HALF HOUR)			$9.01	4591	
	ADDITIONAL LABOR INSTALLATION - PREMIUM (PER HALF HOUR)			$18.02	4591	
	ADDITIONAL LABOR OTHER - BASIC (PER HALF HOUR)			$27.63	4591	
	ADDITIONAL LABOR OTHER - OVERTIME (PER HALF HOUR)			$36.90	4591	
	ADDITIONAL LABOR OTHER - PREMIUM (PEER HALF HOUR)			$46.19	4591	
	TESTING AND MAINTENANCE - BASIC (PER HALF HOUR)			$29.35	4591	
	TESTING AND MAINTENANCE - OVERTIME (PER HALF HOUR)			$39.21	4591	
	TESTING AND MAINTENANCE - PREMIUM (PER HALF HOUR)			$49.06	4591	
	MAINTENANCE OF SERVICE - BASIC (PER HALF HOUR)			$27.63	4591	
	MAINTENANCE OF SERVICE - OVERTIME (PER HALF HOUR)			$36.90	4591	
	MAINTENANCE OF SERVICE - PREMIUM (PER HALF HOUR)			$46.19	4591	
	ADDITIONAL COOP ACCEPTANCE TESTING - BASIC (PER HALF HOUR)			$29.35	4591	
	ADDITIONAL COOP ACCEPTANCE TESTING - OVERTIME (PER HALF HOUR)			$39.21	4591	
	ADDITIONAL COOP ACCEPTANCE TESTING - PREMIUM (PER HALF HOUR)			$49.06	4591	
	NONSCHEDULED COOP TESTING - BASIC (PER HALF HOUR)			$29.35	4591	
	NONSHCEDULED COOP TESTING - OVERTIME (PER HALF HOUR)			$39.21	4591	
	NONSCHEDULED COOP TESTING - PREMIUM (PER HALF HOUR)			$49.06	4591	
	NONSCHEDULED MANUAL TESTING - BASIC (PER HALF HOUR)			$29.35	4591	
	NONSCHEDULED MANUAL TESTING - OVERTIME (PER HALF HOUR)			$39.21	4591	
	NONSCHEDULED MANUAL TESTING - PREMIUM (PER HALF HOUR)			$49.06	4591	

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
	COOPERATIVE SCHEDULED TESTING - LOSS (PER MONTH)			$0.08	4591	
	COOPERATIVE SCHEDULED TESTING - C-MESSAGE NOISE (PER MONTH)			$0.08	4591	
	COOPERATIVE SCHEDULED TESTING - BALANCE (PER MONTH)			$0.33	4591	
	COOPERATIVE SCHEDULED TESTING - GAIN SLOPE (PER MONTH)			$0.08	4591	
	COOPERATIVE SCHEDULED TESTING - C-NOTCHED NOISE (PER MONTH)			$0.08	4591	
	MANUAL SCHEDULED TESTING - LOSS (PER MONTH)			$0.17	4591	
	MANUAL SCHEDULED TESTING - C-MESSAGE NOISE (PER MONTH)			$0.17	4591	
	MANUAL SCHEDULED TESTING - BALANCE (PER MONTH)			$0.66	4591	
	MANUAL SCHEDULED TESTING - GAIN SLOPE (PER MONTH)			$0.17	4591	
	MANUAL SCHEDULED TESTING - C-NOTCHED NOISE (PER MONTH)			$0.17	4591	
	ADDITIONAL DISPATCH CHARGE			$84.23	4591	
	DATE CHANGE			$10.36	4591	
	DESIGN CHANGE			$73.78	4591	
	DS1 Regeneration		$9.45	$480.05	4703	
	DS3 Regeneration		$34.16	$1,807.55	4703	

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
9.21	**UNE-Platform**					
9.22.1.1	UNE-PLATFORM POTS, CENTREX, PAL, ANALOG PBX FIRST MECHANIZED EXISTING SERVICE			$0.68	4591	
9.22.1.1	UNE-PLATFORM POTS, CENTREX, PAL, ANALOG PBX EA ADDL MECHANIZED EXISTING SERVICE			$0.14	4591	
9.21.1.2	UNE-PLATFORM POTS, CENTREX, PAL, ANALOG PBX FIRST MANUAL EXISTING SERVICE			$16.21	4591	
9.21.1.2	UNE-PLATFORM POTS, CENTREX, PAL, ANALOG PBX EA ADDL MANUAL EXISTING SERVICE			$2.70	4591	
9.21.1.3	UNE-PLATFORM PBX DID TRUNKS EXISTING SERVICE			$20.61	4591	
9.21.1.3	UNE-PLATFORM PBX DID TRUNKS EXISTING SERVICE EACH ADDL			$3.12	4591	
9.21.1.4	UNE-PLATFORM ISDN BRI EXISTING SERVICE FIRST			$15.09	4591	
9.21.1.4	UNE-PLATFORM ISDN BRI EXISTING SERVICE EACH ADDL			$3.12	4591	
9.21.1.5	UNE-PLATFORM ISDN PRI, DSS Per DS1 Facility EXISTING SERVICE			$51.00	4591	
9.21.1.6	UNE-PLATFORM ISDN PRI, DSS Per First Trunk EXISTING SERVICE			$18.77	4591	
9.21.1.6	UNE-PLATFORM ISDN PRI, DSS Per Each Addl Trunk EXISTING SERVICE			$3.12	4591	
9.21.2.1	UNE-PLATFORM POTS FIRST LINE MECHANIZED NEW SERVICE			$55.31	4591	
9.21.2.1	UNE-PLATFORM POTS EA ADDL LINE MECHANIZED NEW SERVICE			$15.87	4591	
9.21.2.2	UNE-PLATFORM POTS FIRST LINE MANUAL NEW SERVICE			$82.11	4591	
9.21.2.2	UNE-PLATFORM POTS EA ADDL LINE MANUAL NEW SERVICE			$18.44	4591	

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
	UNE-COMBINATION PRIVATE LINE					
9.21.3	DS0/DS1/DS3/OCN/INTERGRATED T1 EXISTING SERVICE			$40.87	4591	
9.21.4	**ENHANCED EXTENDED LOOP (EEL)**					
9.21.4.1	DS0 ENHANCED EXTENDED LINK FIRST			$249.10	4591	
9.21.4.1	DS0 ENHANCED EXTENDED LINK EACH ADDITIONAL			$217.86	4591	
9.21.4.1	DS1 ENHANCED EXTENDED LINK FIRST			$306.85	4591	
9.21.4.1	DS1 ENHANCED EXTENDED LINK EACH ADDIDTIONAL			$261.17	4591	
9.21.4.1	DS3 ENHANCED EXTENDED LINK FIRST			$331.21	4591	
9.21.4.1	DS3 ENHANCED EXTENDED LINK EACH ADDIDTIONAL			$285.53	4591	
9.21.4.3	DS1 ENHANCED EXTENDED LINK TRANSPORT MUX			$257.04	4591	
9.21.4.3	DS3 ENHANCED EXTENDED LINK TRANSPORT MUX			$257.04	4591	
9.21.4.2	**EEL Transport**					
9.21.4.2	DS0 EEL Transport			$306.61	4591	
9.21.4.2	DS0 Over 0 to 8 Miles	$20.93	$0.14		4679	
9.21.4.2	DS0 Over 8 to 25 Miles	$20.95	$0.12		4679	
9.21.4.2	DS0 Over 25 to 50 Miles	$20.99	$0.13		4679	
9.21.4.2	DS0 Over 50 Miles	$20.94	$0.06		4679	
9.23.4.2	DS1 EEL Transport			$351.39	4591	
9.21.4.2	DS1 Over 0 to 8 Miles	$33.05	$1.56		4679	
9.21.4.2	DS1 Over 8 to 25 Miles	$33.33	$1.26		4679	
9.21.4.2	DS1 Over 25 to 50 Miles	$33.81	$2.28		4679	
9.21.4.2	DS1 Over 50 Miles	$33.78	$1.19		4679	
9.21.4.2	DS3 EEL Transport			$351.39	4591	
9.21.4.2	DS3 Over 0 to 8 Miles	$210.28	$65.55		4679	
9.21.4.2	DS3 Over 8 to 25 Miles	$213.45	$20.30		4679	
9.21.4.2	DS3 Over 25 to 50 Miles	$196.74	$25.43		4679	
9.21.4.2	DS3 Over 50 Miles	$207.61	$17.49		4679	

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
9.21.4.3	**Multiplexing**					
9.21.4.3	DS3 to DS1, Per System-Rec., Per Channel-NRC		$246.64	$267.45	4679/4591	C
9.21.4.3	DS1 to DS0, Per System-Rec., Per Channel-NRC		$229.32	$267.45	4679/4591	C
9.21.4.4	**DS0 Channel Performance**					
9.21.4.4	DS0 Low Side Channelization		$13.90		4678	
9.21.4.4	DS1/DS0 MUX, Low Side Channelization		$8.87	$238.79	4678	
9.22	**Unbundled Packet Switching**					N
9.22.1	Unbundled Packet Switch Customer Channel		$24.39		4986	N
9.22.1	UPS Customer Channel and Shared Distribution Loop			$59.87	4961	N
9.22.1	UPS Customer Channel and Unbundled Distribution Subloop			$126.62	4961	N
9.22.1	UPS Customer Channel and CLEC Provided Loop			$59.87	4961	N
9.22.2	Unbundled Packet Switch Port DS3 Interface		$216.14	$226.51	4822	N
9.22.3	Unbundled Packet Switch Port DS1 Interface		$140.24	$226.51	4822	N
9.22.4	Unbundled Packet Switch DSLAM Functionality		$21.09			N
10.8	**ACCESS TO POLES, DUCTS, CONDUITS AND RIGHT OF WAY**					
10.8.1	Pole Inquiry Fee, per Mile			$321.59	4591	
10.8.2	Innerduct Inquiry Fee, per Mile			$386.56	4591	
10.8.3	ROW Inquiry Fee			$142.86	4591	
	ROW Document Preparation			$142.86	4591	
10.8.4	Field Verification Fee, per Pole			$35.72	4591	
10.8.5	Field Verification Fee, per Manhole			$464.31	4591	
	Planner Verication, Per Manhole			$15.93	4591	
	Manhole Verication Inspector per Manhole			$285.73	4591	
	Manhole Make-Ready Inspector per Manhole			$428.59	4591	
10.8.8	Pole Atachment Fee, per Foot, Per Pole, per Year		$4.34	Poles Attachment Formula		C
10.8.9	Innerduct Occupancy Fee, per Foot, per Year		$0.37	Conduit Attachment Formula		

Summary of Recurring and Nonrecurring Costs

Section Number	Cost Element	Recurring & Recurring/Fixed (if appropriate) TELRIC + Common	Rec & Rec/Mile (if applicable) TELRIC + Common	Non-Recurring (TELRIC+Common)	COST STUDY ID#	New or Change Status Indication
12.0	**OPERATIONAL SUPPORT SYSTEMS**					
12.1	Daily Usage Record File, per Record		$0.0007616		4672	
17.0	**Bona fide Request Process**			$2,400.07	4591	

Status Indication Description	
N	New Element
C	Change in labeling from original