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0000096408

BEFORE THE ARIZONA CORPORATION COMMISSION RECEIVED

WILLIAM A. MUNDELL  
Chairman  
JIM IRVIN  
Commissioner  
MARC SPITZER  
Commissioner

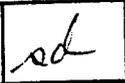
Arizona Corporation Commission

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AZ CORP COMMISSION  
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IN THE MATTER OF INVESTIGATION ) DOCKET NO. T-00000A-00-0194  
INTO U S WEST COMMUNICATIONS, )  
INC.'S COMPLIANCE WITH CERTAIN ) AT&T AND XO'S MOTION TO  
WHOLESALE PRICING REQUIREMENTS ) VACATE HEARING DATE  
FOR UNBUNDLED NETWORK )  
ELEMENTS AND RESALE DISCOUNTS )

I. INTRODUCTION

On June 27, 2001, Qwest filed its rebuttal testimony in this proceeding. Filed with that rebuttal testimony were revised and updated cost studies for every element at issue in this proceeding. Along with the new cost studies came new prices proposed by Qwest for almost every one of the more than 500 cost elements at issue. Qwest's rebuttal testimony describes the changes made to some the elements at issue. For most of the elements, however, Qwest has provided no explanation as to why the proposed cost of the element has changed. While some of the new prices proposed by Qwest represent decreases in its proposed pricing, the vast majority of the changes increase the prices that Qwest seeks to impose upon new entrants.

AT&T Communications of the Mountain States, Inc, ("AT&T"), XO Arizona, Inc. ("XO"), and the other parties to this proceeding are entitled to test and cross examine the allegations made by Qwest. Qwest's tactics of waiting until rebuttal to change its positions in this proceeding will prevent the other parties from having any real opportunity to critically analyze Qwest's proposals in violation of A.A.C. R14-3-104. For this reason, AT&T and XO

request that the hearing date in this matter be vacated to allow all parties an opportunity to conduct necessary discovery and analyze Qwest's rebuttal testimony.

## II. ARGUMENT

There are two reasons why this proceeding cannot go forward as scheduled without causing substantial prejudice to the parties. First, Qwest has filed such a substantial volume of material in rebuttal that none of the parties can adequately analyze the materials or conduct discovery on these new materials in the time remaining before the hearing. Second, as explained in more detail in the motion by AT&T and XO to strike, Qwest refused to provide the parties with information necessary to evaluate Qwest's proposed switching costs, one of the substantial elements to be determined in this proceeding, until June 26, 2001. This tactic has effectively precluded any party from examining Qwest's proposed costs.

The volume of material Qwest provided in rebuttal is staggering. Qwest has filed more than 400 additional pages of testimony. Qwest's exhibits, many of which are filed only in electronic form, consist of several thousands of additional pages of material.

The primary effect of all of this testimony is to change almost every one of Qwest's proposed prices for the more than 500 rate elements at issue in this proceeding. *Compare* Attachment 1 (Arnold Exhibit MA-1A) to Attachment 2 (Arnold Exhibit MA-1R). Although Qwest has explained the reasons for some of the changes in its testimony, many have no explanation. For example, Qwest has increased all of its proposed nonrecurring charges for unbundled elements. Nothing in Qwest's testimony explains why these charges are higher in the proposal Qwest has put forth in rebuttal.

In addition to the substantial changes in Qwest's proposed rate elements, Qwest has also provided substantial new evidence that it contends supports the rate elements it has proposed.

For example, Qwest's direct testimony contained less than three pages discussing how the factors that are applied to investment in its cost studies are developed and why those factors are appropriate for use in a TELRIC analysis. *See* Million Direct at 24 – 26. Other parties filed testimony criticizing those factors. Qwest has responded with entirely new arguments supporting the factors in almost 60 pages of testimony. *See* Gude Rebuttal. Qwest could have provided this support with its direct. By waiting for rebuttal, Qwest has substantially curtailed any ability by the parties to test and analyze the new arguments.

Without the opportunity to conduct discovery on these new proposals and the new evidence presented by Qwest, the other parties to this proceeding will have no real opportunity to cross examine Qwest or challenge the evidence and proposals presented in the rebuttal testimony. AT&T and XO have made every effort to propound the necessary discovery in a timely manner. Qwest finally served copies of all of its testimony and exhibits on Thursday, June 28, 2001. AT&T and XO viewed the testimony and propounded some of the necessary discovery on Friday, June 29, 2001. Experts retained by AT&T and XO continue to review the testimony to identify other necessary areas for discovery. Because of the sheer volume of the testimony filed, however, the witnesses have not had an opportunity to review and analyze the new cost studies filed by Qwest. In addition, they have not had a complete opportunity to analyze even the testimony itself.

Under the procedural order that governs this proceeding, Qwest has five business days to respond to any discovery. With the Fourth of July holiday occurring on Wednesday of this week, Qwest has no obligation to respond to the discovery that has already been propounded until after the hearing in this matter commences.

Attachment 3 to this motion is the outstanding discovery to Qwest based on the rebuttal testimony. As should be evident from reviewing these requests, the information sought is crucial to any analysis of Qwest's contentions. The requests ask for work papers and other documentary support for the contentions made in the testimony. Without this evidence, the parties will be forced to take Qwest's representations at face value. If the purpose of this proceeding is to seek fair and correct pricing, parties must have an opportunity to test each other's contentions. Holding the hearing date as scheduled will preclude the intervenors from this purpose.

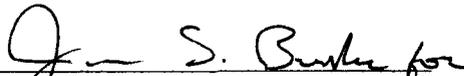
Separate and apart from the problems created by Qwest's filing of new cost studies, pricing and evidence in its rebuttal testimony, is the problem created by Qwest's refusal to provide the information required to analyze the Switching Costs Module ("SCM") to its Integrated Cost Model. As set forth more fully in the motion to strike already on file, Qwest provided the parties with the password information required to gain access to crucial information within the SCM on June 26, 2001, only seven business days before the hearing and long after the deadline for testimony from the intervenors. AT&T's expert charged with analyzing the model has now reviewed it and believes that it will take several weeks of concentrated work in order to analyze the model and the pricing that it generates. *See* Chandler Dec. filed with AT&T and XO's Motion to Strike. If Qwest's model is to remain in this proceeding, the parties have a right to review and critique that model. This cannot be accomplished under the present schedule.

### III. CONCLUSION

For all of these reasons, AT&T and XO request that the present hearing date be vacated.

Dated this \_\_\_\_\_ day of July, 2001.

#### AT&T COMMUNICATIONS OF THE MOUNTAIN STATES, INC.

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## CERTIFICATE OF SERVICE

I hereby certify that the original and 10 copies of the AT&T and XO's Motion to Vacate Hearing Date, regarding Docket No. T-00000A-97-0238, were hand delivered this 2<sup>rd</sup> day of July, 2001, to:

Arizona Corporation Commission  
Docket Control – Utilities Division  
1200 West Washington Street  
Phoenix, AZ 85007

and that a copy of the foregoing was hand-delivered this 2<sup>rd</sup> day of July, 2001 to the following:

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**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 ) DOCKET NO. T-00000-00-0194  
WITH CERTAIN WHOLESALE PRICING ) PHASE II  
REQUIREMENTS FOR UNBUNDLED ) SUPPLEMENTAL TESTIMONY  
NETWORK ELEMENTS AND RESALE )  
DISCOUNTS )**

**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
Over 25 to 50 Miles	\$196.74	\$25.43		
Over 50 Miles	\$207.61	\$17.49		
		<b>Recurring</b>	<b>Nonrecurring</b>	
<b>7.6 Multiplexing</b>				Kennedy
7.6.1 DS3 to DS1 per system		\$246.64		
7.6.2 DS3 to DS1 per subsequent channel			\$267.45	
<b>7.7 Trunk Nonrecurring Charge</b>				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	
<b>7.8 Local Traffic</b>				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		
	<b>Recurring Fixed</b>	<b>Recurring Per Mile</b>	<b>Nonrecurring</b>	
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		
<b>7.9 Miscellaneous Charges</b>				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 <sup>3</sup> – See SGAT Section 19.0			
<b>7.10 IntraLATA Toll Traffic</b>	Qwest's Arizona Switched Access Tariff			Kennedy
<b>7.11 Transit Traffic</b>				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

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	Recurring	Nonrecurring	Witness
<b>8.0 Collocation</b>			Kennedy
<b>8.1 All Collocation</b>			
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

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
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	
<b>8.1.8.2 DS1</b>				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	
<b>8.1.8.3 DS3</b>				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	
<b>8.1.9 Security</b>				Kennedy
Access Card per Employee		\$0.87		
Card Access Per employee, per Office		\$8.07		
<b>8.1.10 Central Office Clock Synchronization</b>				Kennedy
Synchronization – Composite Clock, per Port		\$7.70		
<b>8.1.11 Space Availability Report</b>				Kennedy
Per Office			\$333.55	
<b>8.1.12 Space Reservation</b>			25% of Collocation Charge	
<b>8.1.13 Space Option</b>		Under Development		
<b>8.2 Virtual Collocation</b>				Kennedy
<b>8.2.1 Quote Preparation Fee</b>			\$4,380.68	Kennedy
<b>8.2.2 Maintenance Labor, per Half Hour</b>				Kennedy
Regular Hours Rate			\$27.97	
After Hours Rate			\$37.43	
<b>8.2.3 Training Labor, per Half Hour</b>				Kennedy
Regular Hours Rate			\$27.97	
<b>8.2.4 Equipment Bay -recurring, per Shelf</b>	\$3.75			Kennedy

# 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
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	
<b>8.3</b>	<b>Cageless Collocation</b>			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
<b>8.4</b>	<b>Caged Collocation</b>			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	

# ARIZONA RATES

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

	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 <sup>3</sup>	ICB <sup>3</sup>	Kennedy
8.7 Remote Collocation and Adjacent Remote Collocation	ICB <sup>3</sup>	ICB <sup>3</sup>	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

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
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	

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		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

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		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 <sup>3</sup>	
<b>9.4 Line Sharing</b>				
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 <sup>3</sup>	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
		<b>Recurring Fixed</b>	<b>Recurring Per Mile</b>	<b>Nonrecurring</b>
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	

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			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 <sup>3</sup>	ICB <sup>3</sup>	ICB <sup>3</sup>	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 <sup>3</sup>	ICB <sup>3</sup>	
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	
<b>9.7</b>	<b>Unbundled Dark Fiber (UDF)</b>				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		

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		Recurring	Nonrecurring	Witness
	Cross Connect, 2 per Pair	\$4.20	\$21.46	
<b>9.7.6</b>	<b>UDF-Loop Charges</b>			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	
<b>9.7.7</b>	<b>Extended Dark Fiber (E-UDF)</b>			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	
<b>9.8</b>	<b>Shared Transport</b>			
	Per Minute of Use	\$0.001573		Brohl
<b>9.9</b>	<b>Unbundled Customer Controlled Rearrangement Element (UCCRE)</b>			Brohl
9.9.1	DS1 Port	ICB <sup>3</sup>	ICB <sup>3</sup>	
9.9.2	DS3 Port	ICB <sup>3</sup>	ICB <sup>3</sup>	
9.9.3	Dial Up Access	ICB <sup>3</sup>	ICB <sup>3</sup>	
9.9.4	Attendant Access	ICB <sup>3</sup>	ICB <sup>3</sup>	
9.9.5	Virtual Ports	ICB <sup>3</sup>	ICB <sup>3</sup>	
<b>9.10</b>	<b>Local Tandem Switching</b>			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		
<b>9.11</b>	<b>Local Switching</b>			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 Override	\$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		

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		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 First Port	\$16.98	\$122.58	Brohl
	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 <sup>3</sup>	
9.12.2	Installation Charge, per Switch - Directory Assistance or Operator Service Routing Only		ICB <sup>3</sup>	
9.12.3	All Other Custom Routing	ICB <sup>3</sup>	ICB <sup>3</sup>	
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		

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		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		
<b>9.14</b>	<b>Advanced Intelligent Network (AIN)</b>			Brohl
9.14.1	AIN Customized Services (ACS)		ICB <sup>3</sup>	
9.14.2	AIN Platform Access (APA)	ICB <sup>3</sup>	ICB <sup>3</sup>	
9.14.3	AIN Query Processing, per Query	ICB <sup>3</sup>		
<b>9.15</b>	<b>Line Information Database (LIDB)</b>			Brohl
9.15.1	LIDB Storage		No Charge	
9.15.2	Line Validation Administration System Access (LVAS)		ICB <sup>3</sup>	
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 <sup>3</sup>	
9.15.2.2	Mechanized Service Account Update, per Addition or Update Processed		ICB <sup>3</sup>	
9.15.2.3	Individual Line Record Audit		ICB <sup>3</sup>	
9.15.2.4	Account Group Audit		ICB <sup>3</sup>	
9.15.2.5	Expedited Request Charge for Manual Updates		ICB <sup>3</sup>	
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		
<b>9.16</b>	<b>8XX Database Query Service</b>			Brohl
9.16.1	Basic Query, per Query	\$0.02000723	See 9.13.2.2	
9.16.2	POTS Translation	\$0.0000057		
9.16.3	Call Handling & Destination Feature	\$0.0000172		
<b>9.17</b>	<b>ICNAM, Per Query</b>	\$0.000849	See 9.13.2.2	Brohl
<b>9.18</b>	<b>Construction Charges</b>		ICB <sup>3</sup>	Kennedy
<b>9.19</b>	<b>Miscellaneous Elements</b>			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	

# 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
	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 <sup>3</sup>	
	Cancellation Charge		ICB <sup>3</sup>	
<b>9.20</b>	<b>Channel Regeneration</b>			Kennedy
	DS1 Regeneration	\$9.45	\$480.05	
	DS3 Regeneration	\$34.16	\$1,807.55	
<b>9.21</b>	<b>UNE Platform</b>			
<b>9.21.1</b>	<b>UNE-P Conversion</b>			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	
<b>9.21.2</b>	<b>UNE-P New Connection</b>			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	
<b>9.21.3</b>	<b>UNE-Combination Private Line</b>			Kennedy
	DS0/DS1/DS3/OCN/Integrated T-1 Existing Service		\$40.87	
<b>9.21.4</b>	<b>Enhanced Extended Loop (EEL)</b>			Kennedy
	9.21.4.1 EEL Link			Kennedy
	DS0, First		\$249.10	
	DS0, Each Additional		\$217.86	

# ARIZONA RATES

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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	
	<b>Recurring Fixed</b>	<b>Recurring Per Mile</b>	<b>Nonrecurring</b>	
<b>9.21.4.2 EEL Transport</b>				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		
<b>9.21.4.3 Multiplexing</b>				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	
<b>9.21.4.4 DS0 Channel Performance</b>				Kennedy
DS0 Low Side Channelization		\$13.90		
DS1/DS0 MUX, Low Side Channelization		\$8.87	\$238.79	
<b>9.21.4.5 Concentration Capability</b>		ICB <sup>3</sup>		Kennedy
<b>9.22 Unbundled Packet Switching</b>				
<b>9.22.1 Customer Channel</b>		\$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	
<b>9.22.2 Unbundled Packet Switch Port DS3 Interface</b>		\$216.14	\$226.51	
<b>9.22.3 Unbundled Packet Switch Port DS1 Interface</b>		\$140.24	\$226.51	
<b>9.22.4 Unbundled Packet Switch DSLAM Functionality</b>		\$21.09		
<b>10.0 Ancillary Services</b>				Brotherson
<b>10.1 Interim Number Portability</b>		New York Method		
<b>10.2 Local Number Portability</b>				
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 <sup>5</sup>	
Overtime Managed Cuts per person per ½ hr			\$35.43 <sup>5</sup>	
Premium Managed Cuts per person per ½ hr			\$43.49 <sup>5</sup>	

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

# 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
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 <sup>4</sup>		
10.8.11 Innerduct Occupancy Fee, per Foot, per Year		\$0.37 <sup>4</sup>		
10.8.12 Quitclaim Consideration, ROW				
<b>12.0 Operational Support Systems</b>				
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			
<b>17.0 Bona Fide Request Process</b>				
			\$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

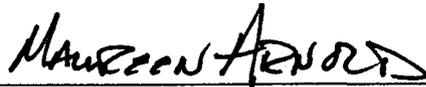
IN THE MATTER OF INVESTIGATION INTO )  
QWEST CORPORATION'S COMPLIANCE )  
WITH CERTAIN WHOLESALE PRICING )  
REQUIREMENTS FOR UNBUNDLED )  
NETWORK ELEMENTS AND RESALE )  
DISCOUNTS )  
STATE OF ARIZONA )  
COUNTY OF MARICOPA )

DOCKET NO. T-00000A-99-0194

AFFIDAVIT OF  
MAUREEN ARNOLD

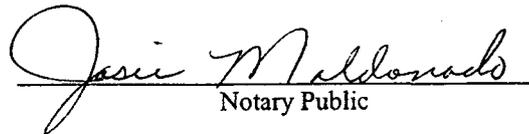
Maureen Arnold, of lawful age, first duly sworn deposes and says:

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

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

  
Notary Public

My Commission Expires:

\_\_\_\_\_

**2**

**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**

**EXHIBIT OF**

**MAUREEN ARNOLD**

**JUNE 27, 2001**

ARIZONA RATES

Arizona Corporation Commission  
 Docket No. T-00000A-00-0194  
 Phase II, Qwest Corporation  
 Rebuttal Testimony  
 Exhibit MA-1R

		Recurring	Non- Recurring	Witness
<b>6.0 Resale</b>				
<b>6.1 Wholesale Discount Rates</b>				
6.1.1	Basic Exchange Residence	4.19%		Gude
6.1.2	Basic Exchange Business	9.41%		Gude
6.1.3	Toll	23.96%		Gude
6.1.4	Listings, CO Features and Informational Services	41.51%		Gude
6.1.5	Private Line	6.44%		Gude
6.1.6	Packaged/Special Services	10.46%		Gude
6.1.7	Proposed Operator Services/DA	7.00%		Gude
<b>6.2 Customer Transfer Charge (CTC)</b>				
6.2.1	CTC for POTS Service, Mechanized			
	First		\$0.68	Brotherson
	Each Additional		\$0.14	Brotherson
6.2.2	CTC for POTS Service, Manual			
	First		\$16.28	Brotherson
	Each Additional		\$2.71	Brotherson
6.2.3	CTC for Private Line Transport Service			
	First		\$41.05	Brotherson
	Each Additional		\$41.05	Brotherson
6.2.4	CTC for Advanced Communications Services, per circuit		\$51.57	Brotherson
<b>7.0 Interconnection</b>				
<b>7.1 Entrance Facilities</b>				
7.1.1	DS1	\$86.70	\$219.79	Kennedy
7.1.2	DS3	\$458.43	\$416.07	Kennedy
<b>7.2 LIS EICT</b>				
7.2.1	EICT			
	Per DS1	\$0.00	\$0.00	Kennedy
	Per DS3	\$0.00	\$0.00	Kennedy
<b>7.3 Direct Trunked Transport</b>				
7.3.1	DS1 Over 0 to 8 Miles	\$31.14	\$1.45	Kennedy
	DS1 Over 8 to 25 Miles	\$31.40	\$1.18	Kennedy
	DS1 Over 25 to 50 Miles	\$31.87	\$2.14	Kennedy
	DS1 Over 50 Miles	\$31.83	\$1.12	Kennedy
7.3.2	DS3 Over 0 to 8 Miles	\$197.32	\$61.17	Kennedy
	DS3 Over 8 to 25 Miles	\$200.35	\$18.78	Kennedy
	DS3 Over 25 to 50 Miles	\$184.41	\$23.73	Kennedy
	DS3 Over 50 Miles	\$194.79	\$16.34	Kennedy
		<b>Recurring</b>	<b>Nonrecurring</b>	
<b>7.4 Multiplexing</b>				
7.4.1	DS3 to DS1	\$232.15		Kennedy
	DS3 to DS1, Per Subsequent Channel		\$268.62	Kennedy
<b>7.5 Trunk Nonrecurring Charges</b>				
7.5.1	DS1 Interface, First Trunk		\$355.22	Kennedy
7.5.2	DS1 Interface, Each Additional Trunk		\$5.93	Kennedy
7.5.3	DS3 Interface, First Trunk		\$362.03	Kennedy
7.5.4	DS3 Interface, Each Additional Trunk		\$12.75	Kennedy
<b>7.6 Local Traffic</b>				
7.6.1	End office call termination, per minute of use	\$0.002143		Kennedy
7.6.2	Tandem Switched Transport			
	7.6.2.1 Tandem Switching, per Minute of Use	\$0.001589		Kennedy
		<b>Recurring</b>	<b>Nonrecurring</b>	
		<b>Fixed</b>	<b>Per Mile</b>	
7.6.2.2	Tandem Transmission, per Minute of Use, All Mileage Bands			
	0 to 8 Miles	\$0.000456	\$0.0000428	
	8 to 25 Miles	\$0.000465	\$0.0000212	

ARIZONA RATES

Arizona Corporation Commission  
 Docket No. T-00000A-00-0194  
 Phase II, Qwest Corporation  
 Rebuttal Testimony  
 Exhibit MA-1R

		Recurring	Non- Recurring	Witness
25 to 508 Miles	\$0.000448	\$0.0000109		
Over 50 Miles	\$0.000433	\$0.0000039		
		Recurring	Nonrecurring	
<b>7.7 Miscellaneous Charges</b>				
7.7.1 Cancellation Charge (LIS Trunks)	Qwest's Arizona Switched Access Tariff Section 5.2.3 + LIS NRC			Kennedy
7.7.2 Expedite Charge (LIS Trunks)	Qwest's Arizona Switched Access Tariff Section 5.2.2 + LIS NRC			Kennedy
7.7.3 Construction Charges		ICB	ICB	Kennedy
<b>7.8 Transit Traffic</b>				
7.8.1 Exchange Service (EAS/Local) Transit	See Tandem Switching and Tandem Transmission Rates Above			
	9	Miles		
7.8.2 IntraLATA Toll	Qwest's Arizona Switched Access Tariff			
	9	Miles		
7.8.3 Jointly Provided Switched Access	Qwest's Arizona Switched Access Tariff			
7.8.4 Category 11 Mechanized Record Charge, per Record		\$0.001827		Kennedy
<b>8.0 Collocation</b>				
<b>8.1 All Collocation</b>				
8.1.1 Collocation Entrance Facility, per fiber pair				
Standard Shared per Fiber		\$16.01	\$627.99	Kennedy
Cross Connect per Fiber		\$16.17	\$735.39	Kennedy
Express per Cable		\$276.84	\$9,198.71	Kennedy
8.1.2 Cable Splicing				
Fiber - Per set-up			\$476.82	Kennedy
Per fiber spliced			\$38.12	Kennedy
8.1.3 -48 Volt DC Power Usage, per Ampere, per Month				
Power Plant		\$10.94		Kennedy
Power Usage Less Than 60 Amps, per Amp		\$3.70		Kennedy
Power Usage More Than 60 Amps, per Amp		\$7.41		Kennedy
8.1.4 AC Power Feed (backup)				
8.1.4.1 AC Power Feed – per Amp, per Month				
120 V		\$19.03		Kennedy
208 V, Single Phase		\$32.98		Kennedy
208 V, Three Phase		\$57.06		Kennedy
240 V, Single Phase		\$38.06		Kennedy
240 V, Three Phase		\$65.84		Kennedy
480 V, Three Phase		\$131.68		Kennedy
8.1.4.2 AC Power Cable – per Foot				
20 Amp, Single Phase		\$0.0117	\$8.02	Kennedy
20 Amp, Three Phase		\$0.0145	\$9.94	Kennedy
30 Amp, Single Phase		\$0.0126	\$8.64	Kennedy
30 Amp, Three Phase		\$0.0173	\$11.87	Kennedy
40 Amp, Single Phase		\$0.0149	\$10.16	Kennedy
40 Amp, Three Phase		\$0.0204	\$13.99	Kennedy
50 Amp, Single Phase		\$0.0176	\$12.06	Kennedy
50 Amp, Three Phase		\$0.0246	\$16.84	Kennedy
60 Amp, Single Phase		\$0.0199	\$13.63	Kennedy
60 Amp, Three Phase		\$0.0283	\$19.38	Kennedy
100 Amp, Single Phase		\$0.0247	\$16.88	Kennedy
100 Amp, Three Phase		\$0.0385	\$26.36	Kennedy
8.1.5 Inspector Labor, per half hour				
Regular Hours Rate			\$32.03	
After Hours Rate, minimum 3 hours			\$41.25	
8.1.6 Collocation Terminations				
8.1.6.1 DSO				
Cable Placement per 100 pair Block		\$0.48	\$244.42	Kennedy
Cable Placement per Termination		\$0.01	\$4.59	Kennedy
Cable per 100 Pair Block		\$0.62	\$314.40	Kennedy

		Recurring	Non- Recurring	Witness
	Cable per Termination	\$0.01	\$4.31	Kennedy
	Blocks per 100 Pair Block	\$1.08	\$548.18	Kennedy
	Blocks per Termination	\$0.01	\$7.51	Kennedy
	Block Placement Per 100 Pair Block	\$0.50	\$253.50	Kennedy
	Block Placement per Termination	\$0.01	\$3.47	Kennedy
<b>8.1.6.2</b>	<b>DS1</b>			
	Cable Placement per 28 DS1s	\$0.59	\$406.52	Kennedy
	Cable Placement per Termination	\$0.06	\$43.71	Kennedy
	Cable per 28 DS1s	\$0.53	\$362.96	Kennedy
	Cable per Termination	\$0.06	\$39.03	Kennedy
	Panel per 28 DS1s	\$0.61	\$414.16	Kennedy
	Panel per Termination	\$0.07	\$50.00	Kennedy
	Panel Placement per 28 DS1s	\$0.13	\$86.74	Kennedy
	Panel Placement per Termination	\$0.01	\$9.33	Kennedy
<b>8.1.6.3</b>	<b>DS3</b>			
	Cable Placement per Termination	\$0.24	\$165.51	Kennedy
	Cable per Termination	\$0.34	\$234.38	Kennedy
	Connector per Termination	\$0.35	\$241.50	Kennedy
	Connector Placement per Termination	\$0.04	\$24.92	Kennedy
<b>8.1.7</b>	<b>Security</b>			
	Access Card per Employee	\$0.86		Kennedy
	Card Access per employee, per Office	\$7.90		Kennedy
	Central Office Security Infrastructure	ICB	ICB	Kennedy
<b>8.1.8</b>	<b>Central Office Clock Synchronization</b>			
	Synchronization – Composite Clock, per Port	\$7.42		Kennedy
<b>8.1.9</b>	<b>Space Availability Report, Per Office</b>		\$335.01	Kennedy
<b>8.2</b>	<b>Virtual Collocation</b>			
<b>8.2.1</b>	<b>Quote Preparation Fee</b>		\$4,399.84	Kennedy
<b>8.2.2</b>	<b>Maintenance Labor, per half hour</b>			
	Regular Hours Rate		\$28.10	Kennedy
	After Hours Rate		\$37.60	Kennedy
<b>8.2.3</b>	<b>Training Labor, per half hour</b>			
	Regular Hours Rate		\$28.10	Kennedy
<b>8.2.4</b>	<b>Equipment Bay -recurring, per shelf</b>	\$3.61		Kennedy
<b>8.2.5</b>	<b>Engineering Labor, per half hour</b>			
	Regular Hours Rate		\$32.03	Kennedy
	After Hours Rate		\$41.25	Kennedy
<b>8.2.6</b>	<b>Installation Labor, per Half Hour</b>			
	Regular Hours Rate		\$30.31	Kennedy
	After Hours Rate		\$39.13	Kennedy
<b>8.2.7</b>	<b>Floor Space Lease, per Square Foot</b>	\$3.69		Kennedy
<b>8.2.8</b>	<b>-48 Volt DC Power Cables</b>			
	20A Power Feed, Per Feed	\$8.11	\$5,552.65	Kennedy
	30A Power Feed, Per Feed	\$9.27	\$6,343.97	Kennedy
	40A Power Feed, Per Feed	\$11.31	\$7,739.80	Kennedy
	60A Power Feed, Per Feed	\$14.11	\$9,655.97	Kennedy
<b>8.3</b>	<b>Cageless Physical Collocation</b>			
<b>8.3.1</b>	<b>Quote Preparation Fee</b>		\$4,399.84	Kennedy
<b>8.3.2</b>	<b>Space Construction</b>			
	Bays and 1 - 40A Power Feed - 90 Day	\$43.77	\$29,953.55	Kennedy
	Adjustment for 20A Initial Power Feed	(\$3.20)	(\$2,187.15)	Kennedy
	Adjustment for 30A Initial Power Feed	(\$2.04)	(\$1,395.83)	Kennedy
	Adjustment for 60A Initial Power Feed	\$2.80	\$1,916.17	Kennedy

		Recurring	Non- Recurring	Witness
	Adjustment for Each Additional Bay	\$4.44	\$3,038.06	Kennedy
	Each Additional 20A Power Feed	\$8.11	\$5,552.65	Kennedy
	Each Additional 30A Power Feed	\$9.27	\$6,343.97	Kennedy
	Each Additional 40A Power Feed	\$11.31	\$7,739.80	Kennedy
	Each Additional 60A Power Feed	\$14.11	\$9,655.97	Kennedy
8.3.3	Floor Space Lease, per Square Foot	\$3.69		Kennedy
<b>8.4 Caged Physical Collocation</b>				
8.4.1	Quote Preparation Fee		\$4,783.90	Kennedy
8.4.2	Space Construction			
	Cage- Up to 100 Sq. Ft and 1 - 60A Power Feed	\$75.84	\$51,901.16	Kennedy
	Cage - 101- 200 Sq. Ft and 1 - 60A Power Feed	\$78.70	\$53,858.34	Kennedy
	Cage- 201- 300 Sq. Ft. and 1 - 60A Power Feed	\$80.92	\$55,380.28	Kennedy
	Cage- 301- 400 Sq. Ft. and 1- 60A Power Feed	\$83.71	\$57,287.56	Kennedy
	Adjustment for 20A Initial Power Feed	(\$12.39)	(\$8,481.43)	Kennedy
	Adjustment for 30A Initial Power Feed	(\$11.28)	(\$7,721.61)	Kennedy
	Adjustment for 40A Initial Power Feed	(\$8.96)	(\$6,133.10)	Kennedy
	Adjustment for 100A Initial Power Feed	\$13.72	\$9,389.08	Kennedy
	Adjustment for 200A Initial Power Feed	\$43.80	\$29,974.50	Kennedy
	Adjustment for 300A Initial Power Feed	\$80.36	\$54,995.90	Kennedy
	Adjustment for 400A Initial Power Feed	\$123.60	\$84,587.92	Kennedy
	Each Additional 20A Power Feed	\$10.24	\$7,004.36	Kennedy
	Each Additional 30A Power Feed	\$11.35	\$7,764.18	Kennedy
	Each Additional 40A Power Feed	\$13.67	\$9,352.68	Kennedy
	Each Additional 60A Power Feed	\$22.63	\$15,485.78	Kennedy
	Each Additional 100A Power Feed	\$36.35	\$24,874.87	Kennedy
	Each Additional 200A Power Feed	\$66.43	\$45,460.29	Kennedy
	Each Additional 300A Power Feed	\$102.99	\$70,481.68	Kennedy
	Each Additional 400A Power Feed	\$146.23	\$100,073.71	Kennedy
8.4.3	Floor Space Lease, per Square Foot	\$3.69		Kennedy
8.4.4	Grounding			
	2/0 AWG - per foot	\$0.02	\$12.65	Kennedy
	1/0 AWG - per foot	\$0.03	\$21.05	Kennedy
	4/0 AWG - per foot	\$0.03	\$23.92	Kennedy
	350 kcmil - per foot	\$0.05	\$33.18	Kennedy
	500 kcmil - per foot	\$0.05	\$36.97	Kennedy
	750 kcmil - per foot	\$0.08	\$56.65	Kennedy
<b>8.5 CLEC to CLEC</b>				
8.5.1	Flat Charge (Design Engineering & Installation - No		\$791.63	Kennedy
8.5.2	Cable Racking, Per Foot			
	DS0	\$0.17261		Kennedy
	DS1	\$0.18290		Kennedy
	DS3	\$0.15906		Kennedy
8.5.3	Virtual Connections (Connections only No cables)			
	DS0 (Per 100 Connections)		\$224.01	Kennedy
	DS1 (Per 28 Connections)		\$102.17	Kennedy
	DS3 (Per 1 Connection)		\$8.84	Kennedy
8.5.4	Cable Hole (if Applicable)		\$442.49	Kennedy
8.5.5	CLEC to CLEC Cross Connection		\$256.37	Kennedy
8.6	ICDF Collocation		ICB	Kennedy
8.7	Adjacent and Adjacent Remote Collocation		ICB	Kennedy
8.8	Remote Collocation		Under Development	Kennedy
8.9	Space Optioning		Under Development	Kennedy

		Recurring	Non- Recurring	Witness
<b>9.0 Unbundled Network Elements (UNEs)</b>				
<b>9.1 Interconnection Tie Pairs (ITP) – Per Termination</b>				
DS0		\$0.48		Kennedy
DS1		\$1.52		Kennedy
DS3		\$15.33		Kennedy
<b>9.2 Unbundled Loops</b>				
9.2.1 Analog Loops				
9.2.1.1 2-Wire Voice Grade				
See Installation options, Section 9.2.4				
Zone 1		\$16.89		Kennedy
Zone 2		\$22.57		Kennedy
Zone 3		\$34.34		Kennedy
9.2.1.1.1 Unbundled Loop Grooming (2-wire)				
		\$1.59		Kennedy
9.2.1.2 4-Wire Voice Grade				
See Installation options, Section 9.2.4				
Zone 1		\$33.76		Kennedy
Zone 2		\$45.12		Kennedy
Zone 3		\$68.66		Kennedy
9.2.1.2.1 Unbundled Loop Grooming (4-wire)				
		\$3.64		Kennedy
9.2.2 Non-loaded Loops				
9.2.2.1 2-wire Non-loaded Loop				
See Installation options, Sections 9.2.4 and See also Section 9.2.2.3				
Zone 1		\$16.89		Kennedy
Zone 2		\$22.57		Kennedy
Zone 3		\$34.34		Kennedy
9.2.2.2 4-wire Non-loaded Loop				
See Installation options, Sections 9.2.4 and See also Section 9.2.2.3				
Zone 1		\$33.76		Kennedy
Zone 2		\$45.12		Kennedy
Zone 3		\$68.66		Kennedy
9.2.2.3 Cable Unloading/Bridge Tap Removal				
			\$652.83	Kennedy
9.2.3 Digital Capable Loops				
9.2.3.1 Basic Rate ISDN / xDSL -I Capable / ADSL Compatible Loops				
See Installation options, Sections 9.2.4 and See also Section 9.2.2.3				
Zone 1		\$16.89		Kennedy
Zone 2		\$22.57		Kennedy
Zone 3		\$34.34		Kennedy
9.2.3.2 DS1 Capable Loop				
See Installation options, Sections 9.2.5				
Zone 1		\$84.48		Kennedy
Zone 2		\$84.57		Kennedy
Zone 3		\$91.39		Kennedy
9.2.3.3 DS3 Capable Loop				
See Installation options, Sections 9.2.6				
Zone 1		\$897.72		Kennedy
Zone 2		\$899.73		Kennedy
Zone 3		\$1,053.66		Kennedy
9.2.3.4 2-Wire Extension Technology				
9.2.3.4.1 Unbundled Loop Grooming- 2-wire Extension Technology				
		\$4.13		Kennedy
		\$1.60		Kennedy
9.2.4 Loop Installation Charges for 2 and 4 wire analog, 2 and 4 wire non-loaded, ADSL Compatible, ISDN BRI Capable and xDSL - I Capable Loops where conditioning is not required.				
See related monthly recurring charges in Sections 9.2.1 – 9.2.3 above. (If conditioning is required, charges may apply as specified in Section 9.2.2.3 above).				
9.2.4.1 Basic Installation				
First			\$88.29	Kennedy
Each Additional			\$76.07	Kennedy

		Recurring	Non- Recurring	Witness
9.2.4.2	Basic Installation with Performance Testing			
	First Loop		\$192.29	Kennedy
	Each Additional		\$137.97	Kennedy
9.2.4.3	Coordinated Installation with Cooperative Testing			
	First Loop		\$232.25	Kennedy
	Each Additional		\$137.97	Kennedy
9.2.4.4	Coordinated Installation without Cooperative Testing			
	First Loop		\$95.38	Kennedy
	Each Additional		\$83.16	Kennedy
9.2.4.5	Basic Install with Cooperative Testing			
	First Loop		\$192.29	Kennedy
	Each Additional		\$137.97	Kennedy
9.2.5	DS1 Loop Installation Charges	See related monthly recurring charges in Sections 9.2.1 – 9.2.3 above.		
9.2.5.1	Basic Installation			
	First Loop		\$144.15	Kennedy
	Each Additional		\$110.79	Kennedy
9.2.5.2	Basic Installation with Performance Testing			
	First Loop		\$278.18	Kennedy
	Each Additional		\$203.72	Kennedy
9.2.5.3	Coordinated Installation with Cooperative			
	First Loop		\$318.14	Kennedy
	Each Additional		\$203.72	Kennedy
9.2.5.4	Coordinated Installation without Cooperative Testing			
	First Loop		\$153.26	Kennedy
	Each Additional		\$119.90	Kennedy
9.2.5.5	Basic Install With Cooperative Testing			
	First Loop		\$278.18	Kennedy
	Each Additional		\$203.72	Kennedy
9.2.6	DS3 Loop Installation Charges	See related monthly recurring charges in Sections 9.2.1 – 9.2.3 above.		
9.2.6.1	Basic Installation			
	First Loop		\$144.15	Kennedy
	Each Additional		\$110.79	Kennedy
9.2.6.2	Basic Installation with Performance Testing			
	First Loop		\$278.18	Kennedy
	Each Additional		\$203.72	Kennedy
9.2.6.3	Coordinated Installation with Cooperative			
	First Loop		\$318.14	Kennedy
	Each Additional		\$203.72	Kennedy
9.2.6.4	Coordinated Installation without Cooperative Testing			
	First Loop		\$153.26	Kennedy
	Each Additional		\$119.90	Kennedy
9.2.6.5	Basic Install With Cooperative Testing			
	First Loop		\$278.18	Kennedy
	Each Additional		\$203.72	Kennedy
<b>9.3 Subloop</b>				
9.3.1	2-Wire Analog & Non Loaded Distribution Loop		\$121.43	Kennedy
	Zone 1	\$12.12		Kennedy

		Recurring	Non- Recurring	Witness
	Zone 2	\$17.33		Kennedy
	Zone 3	\$29.72		Kennedy
9.3.2	Each Addl 2 -Wire Analog & Non Loaded Distribution Loop		\$55.50	Kennedy
9.3.3	Intrabuilding Cable Loop, Per Pair	\$1.19		Kennedy
9.3.4	DS1 Capable Feeder Loop			
	First Loop		\$293.36	Kennedy
	Each Additional		\$219.50	Kennedy
	Zone 1	\$72.62		Kennedy
	Zone 2	\$72.71		Kennedy
	Zone 3	\$79.53		Kennedy
9.3.5	Field Connection Point			
	Feasibility Fee/Quote Preparation Fee		\$1,638.81	Kennedy
	Construction Fee		ICB	Kennedy
<b>9.4 Line Sharing</b>				
9.4.1	Shared Loop, per Loop	\$5.00	\$37.71	Brohl
9.4.2	OSS - Per Line - Per Month	\$2.68		Albersheim
9.4.3	Reclassification Charge		ICB	Brohl
9.4.4	Splitter Shelf Charge	\$4.77	\$537.89	Brohl
9.4.5	Splitter TIE Cable Connections			
	Splitter in the Common Area--Data to 410 block	\$5.82	\$3,189.86	Brohl
	Splitter in the Common Area--Data direct to CLEC	\$6.11	\$3,347.79	Brohl
	Splitter on the IDF--Data to 410 block	\$1.85	\$1,015.26	Brohl
	Splitter on the IDF--Data direct to CLEC	\$3.47	\$1,900.90	Brohl
	Splitter on the MDF--Data to 410 block	\$1.91	\$1,044.37	Brohl
	Splitter on the MDF--Data direct to CLEC	\$4.09	\$2,242.86	Brohl
9.4.6	Engineering		\$1,280.21	Brohl
<b>9.5 Network Interface Device (NID)</b>		\$1.39	\$68.79	Kennedy
		<b>Recurring Fixed</b>	<b>Recurring Per Mile</b>	<b>Nonrecurring</b>
<b>9.6 Unbundled Dedicated Interoffice Transport (UDIT)</b>				
9.6.1	DS0 UDIT			\$307.95 Kennedy
	DS0 Over 0 to 8 Miles	\$19.27	\$0.13	Kennedy
	DS0 Over 8 to 25 Miles	\$19.29	\$0.12	Kennedy
	DS0 Over 25 to 50 Miles	\$19.33	\$0.12	Kennedy
	DS0 Over 50 Miles	\$19.28	\$0.06	Kennedy
9.6.2	DS1 UDIT			\$352.92 Kennedy
	DS1 Over 0 to 8 Miles	\$31.14	\$1.45	Kennedy
	DS1 Over 8 to 25 Miles	\$31.40	\$1.18	Kennedy
	DS1 Over 25 to 50 Miles	\$31.87	\$2.14	Kennedy
	DS1 Over 50 Miles	\$31.83	\$1.12	Kennedy
9.6.3	DS3 UDIT			\$352.92 Kennedy
	DS3 Over 0 to 8 Miles	\$197.32	\$61.17	Kennedy
	DS3 Over 8 to 25 Miles	\$200.35	\$18.78	Kennedy
	DS3 Over 25 to 50 Miles	\$184.41	\$23.73	Kennedy
	DS3 Over 50 Miles	\$194.79	\$16.34	Kennedy
9.6.4	OC-3 UDIT			\$352.92 Kennedy
	OC-3 Over 0 to 8 Miles	\$655.37	\$205.64	Kennedy
	OC-3 Over 8 to 25 Miles	\$660.44	\$66.12	Kennedy
	OC-3 Over 25 to 50 Miles	\$633.02	\$86.07	Kennedy
	OC-3 Over 50 Miles	\$650.60	\$60.95	Kennedy
9.6.5	OC-12 UDIT			\$352.92 Kennedy
	OC-12 Over 0 to 8 Miles	\$1,837.87	\$97.75	Kennedy
	OC-12 Over 8 to 25 Miles	\$1,837.87	\$94.58	Kennedy
	OC-12 Over 25 to 50 Miles	\$1,837.87	\$106.76	Kennedy
	OC-12 Over 50 Miles	\$1,837.87	\$122.10	Kennedy

		Recurring	Non- Recurring	Witness
		Recurring	Nonrecurring	
9.6.6	DS0 UDIT Low Side Performance	\$11.52		Kennedy
9.6.7	Multiplexing			
	DS3 to DS1	\$232.15	\$2,569.47	Kennedy
	DS1 to DS0, High Side	\$210.68	\$273.68	Kennedy
	DS1 to DS0, Low Side	\$7.35	\$239.83	Kennedy
9.6.8	Extended Unbundled Dedicated Interoffice Transport			
	DS1 E-UDIT	\$55.78	\$411.42	Kennedy
	DS3 E-UDIT	\$317.26	\$411.42	Kennedy
	OC-3 E-UDIT	\$692.68	\$411.42	Kennedy
	OC-12 E-UDIT	\$1,301.75	\$411.42	Kennedy
9.6.9	UDIT Rearrangement			
	DS0 Single Office		\$219.07	Kennedy
	DS0 Dual Office		\$176.26	Kennedy
	High Capacity Single Office		\$266.02	Kennedy
	High Capacity Dual Office		\$238.39	Kennedy
<b>9.7 Unbundled Dark Fiber (UDF)</b>				
9.7.1	Single Strand Increments	Under Development		
9.7.2	Initial Records Inquiry (IRI)			
	Simple		\$159.49	Kennedy
	Complex		\$203.37	Kennedy
9.7.3	Field Verification and Quote Preparation (FVQP)		\$1,485.33	
9.7.4	Field Verification	Under Development		Kennedy
9.7.5	UDF-IOF Charges			
	Order Charge per 1st Pair or Strand/Route/Order		\$563.63	Kennedy
	Order Charge ea. Addl. Pair or Strand /Same Route		\$271.89	Kennedy
	Termination, Fixed Per Pair./Office	\$6.77		Kennedy
	Fiber Transport, per Mile / Pair	\$83.07		Kennedy
	Fiber Cross-Connect Per Pair	\$4.03	\$21.56	Kennedy
9.7.6	UDF-Loop Charges			
	Order Charge per 1st Pair or Strand /Route/Order		\$563.63	Kennedy
	Order Charge each. Addl. Pair or Strand/Same Route		\$271.89	Kennedy
	Termination, Fixed Per Pair/Office	\$7.01		Kennedy
	Termination, Fixed Per Pair/Prem	\$6.42		Kennedy
	Fiber Loop, per Route/Per Pair	\$110.86		Kennedy
	Fiber Cross-Connect Per Pair	\$4.03	\$21.56	Kennedy
9.7.7	Extended Unbundled Dark Fiber (E-UDF)			
	Order Charge per 1st Pair or Strand /Route/Order		\$563.63	Kennedy
	Order Charge each. Addl. Pair or Strand/Same Route		\$271.89	Kennedy
	Termination, Fixed Per Pair/Office	\$7.01		Kennedy
	Termination, Fixed Per Pair/Prem	\$6.42		Kennedy
	Fiber Transport, per Route/Per Pair	\$110.86		Kennedy
	Fiber Cross-Connect Per Pair	\$4.03	\$21.56	Kennedy
<b>9.8 Shared Transport, per minute of use</b>		\$0.0015190		Brohl
<b>9.9 Unbundled Customer Controlled Rearrangement Element (UCCRE)</b>				
9.9.1	DS1 Port	ICB	ICB	Brohl
9.9.2	DS3 Port	ICB	ICB	Brohl
9.9.3	Dial Up Access	ICB		Brohl
9.9.4	Attendant Access	ICB		Brohl
9.9.5	Virtual Ports		ICB	Brohl
<b>9.10 Local Tandem Switching</b>				
9.10.1	DS1 Local Message Trunk Port - Per Order	\$56.98	\$220.95	Brohl
9.10.2	DS1 Trunk Group - First Trunk - Per Order		\$211.06	Brohl

		Recurring	Non- Recurring	Witness
9.10.3	DS1 Trunk Group - Each Additional Trunk - Per Order		\$24.29	Brohl
9.10.4	Per Minute of Use	\$0.002376		Brohl
<b>9.11 Local Switching</b>				
9.11.1	Analog Line Side Port, First Port	\$1.28	\$145.57	Brohl
9.11.2	Analog Line Side Port, Each Additional	\$1.28	\$95.75	Brohl
9.11.3	Local Usage, Per Minute of Use	\$0.002599		Brohl
9.11.4	Vertical Features			
	10XXX Direct Dialed Blocking	\$0.08		Brohl
	Account Codes - per system	\$7.27	\$80.01	Brohl
	Attendant Access Line - per station line	\$0.08	\$1.16	Brohl
	Audible Message Waiting	\$0.13	\$1.01	Brohl
	Authorization Codes - per system	\$3.13	\$239.29	Brohl
	Auto Callback	\$0.08		Brohl
	Automatic Line	\$0.07	\$0.34	Brohl
	Automatic Route Selection - Common Equip. per system	\$2.12	\$2,099.56	Brohl
	Blocking of pay per call services	\$0.10		Brohl
	Bridging	\$0.08		Brohl
	Call Drop	\$0.07	\$0.34	Brohl
	Call Exclusion - Automatic	\$0.07	\$1.01	Brohl
	Call Exclusion - Manual	\$0.07	\$0.67	Brohl
	Call Forward Don't Answer - All Calls	\$0.13		Brohl
	Call Forwarding Incoming Only	\$0.08		Brohl
	Call Forwarding Intra Group Only	\$0.08		Brohl
	Call Forwarding Variable Remote	\$0.11		Brohl
	Call Forwarding: Busy Line (Expanded)	\$0.09		Brohl
	Call Forwarding: Busy Line (External)	\$0.09		Brohl
	Call Forwarding: Busy Line (External) Don't Answer	\$0.15		Brohl
	Call Forwarding: Busy Line (Overflow)	\$0.09		Brohl
	Call Forwarding: Busy Line (Overflow) Don't Answer	\$0.15		Brohl
	Call Forwarding: Busy Line (Programmable)	\$0.10		Brohl
	Call Forwarding: Busy Line/Don't Answer Programmable Svc. Establishment		\$15.66	Brohl
	CF DONT ANSWER/CF BUSY CUSTOMER PROGRAMMABLE - PER LINE		\$1.01	Brohl
	Call Forwarding: Busy Line/Don't Answer (Expanded)	\$0.15	\$37.92	Brohl
	Call Forwarding: Don't Answer	\$0.13	\$37.92	Brohl
	Call Forwarding: Don't Answer (Expanded)	\$0.13		Brohl
	Call Forwarding: Don't Answer (Programmable)	\$0.13		Brohl
	Call Forwarding: Variable	\$0.10		Brohl
	Call Forwarding: Variable - no call complete option	\$0.10		Brohl
	Call Hold	\$0.08		Brohl
	Call Hold/3-Way/Call Transfer	\$0.32		Brohl
	Call Park (Basic - Store & Retrieve)	\$0.09		Brohl
	Call Pickup	\$0.08		Brohl
	Call Transfer	\$0.32		Brohl
	Call Waiting Dial Originating	\$0.08		Brohl
	Call Waiting Indication - per timing state	\$0.46	\$1.01	Brohl
	Call Waiting Originating	\$0.09		Brohl
	Call Waiting Terminating - All Calls	\$0.11		Brohl
	Call Waiting Terminating - Incoming Only	\$0.11		Brohl
	Call Waiting/ Cancel Call Waiting	\$0.14		Brohl
	CENTREX COMMON EQUIPMENT		\$1,206.23	Brohl
	Centrex Management System (CMS)	\$0.60		Brohl
	Centrex Plus DID numbers per number	\$0.11		Brohl
	Centrex Plus to Centrex Plus	\$5.28		Brohl
	Centrex Plus to IC Carrier	\$5.28		Brohl
	Centrex Plus to PBX/Key Blocked	\$5.28		Brohl
	Centrex Plus to PBX/Key Non-Blocked	\$5.28		Brohl
	CFBL - All Calls	\$0.09		Brohl
	CFBL - Incoming Only	\$0.09	\$37.92	Brohl
	CFDA Incoming Only	\$0.08	\$37.92	Brohl
	CLASS - Anonymous Call Rejection	\$0.33		Brohl
	CLASS - Call Trace	\$2.39		Brohl

	Recurring	Non- Recurring	Witness
CLASS - Call Waiting ID	\$0.10		Brohl
CLASS - Calling Name & Number	\$0.41		Brohl
CLASS - Calling Number Delivery	\$0.10		Brohl
CLASS - Calling Number Delivery - Blocking	\$0.34		Brohl
CLASS - Continuous Redial	\$0.23	\$1.26	Brohl
CLASS - Last Call Return	\$0.10	\$1.27	Brohl
CLASS - Priority Calling	\$0.19	\$1.20	Brohl
CLASS - Selective Call Forwarding	\$0.16	\$1.26	Brohl
CLASS - Selective Call Rejection	\$0.23	\$1.20	Brohl
Common Equipment per 1.544 Mbps facility (DS1)	\$58.01		Brohl
Conference Calling - Meet Me	\$14.03	\$42.47	Brohl
Conference Calling - Preset	\$10.27	\$42.47	Brohl
Custom Ringing First Line (Short/Long/Short)	\$0.09		Brohl
Custom Ringing First Line (Short/Short)	\$0.09		Brohl
Custom Ringing First Line (Short/Short/Long)	\$0.09		Brohl
Custom Ringing Second Line (Short/Long/Short)	\$0.09		Brohl
Custom Ringing Second Line (Short/Short)	\$0.09		Brohl
Custom Ringing Second Line (Short/Short/Long)	\$0.09		Brohl
Custom Ringing Third Line (Short/Long/Short)	\$0.08		Brohl
Custom Ringing Third Line (Short/Short)	\$0.08		Brohl
Custom Ringing Third Line (Short/Short/Long)	\$0.08		Brohl
Data Call Protection (DMS 100)	\$0.07		Brohl
Dir Sta Sel/Busy Lamp Fld per arrangement	\$1.76	\$0.34	Brohl
Directed Call Pickup with Barge-in	\$0.18	\$20.16	Brohl
Directed Call Pickup without Barge-in	\$0.10	\$20.16	Brohl
Distinctive Ring/Distinctive Call Waiting	\$0.09	\$40.31	Brohl
Distinctive Ringing	\$0.09		Brohl
EBS - Set Interface - per station line	\$1.39		Brohl
Executive Busy Override	\$0.08		Brohl
Expensive Route Warning Tone- per system	\$0.07	\$71.91	Brohl
Facility Restriction Level - per system	\$0.07	\$44.24	Brohl
Feature Display	\$0.08		Brohl
Group Intercom	\$0.15	\$0.46	Brohl
Hot Line - per line	\$0.13	\$1.01	Brohl
Hunting: Multiposition Circular Hunting	\$0.26		Brohl
Hunting: Multiposition Hunt Queuing	\$0.22	\$38.59	Brohl
Hunting: Multiposition Series Hunting	\$0.26		Brohl
Hunting: Multiposition with Announcement in Queue	\$3.08	\$38.59	Brohl
Hunting: Multiposition with Music in Queue	\$1.10	\$40.75	Brohl
Incoming Calls Barred	\$0.08		Brohl
International Direct Dial Blocking	\$0.08		Brohl
ISDN Short Hunt	\$0.56	\$1.70	Brohl
Line Side Answer Supervision	\$0.09		Brohl
Loudspeaker Paging - per trunk group	\$21.11	\$176.53	Brohl
Make Busy Arrangements - per group	\$0.35	\$0.67	Brohl
Make Busy Arrangements - per line	\$0.14	\$0.67	Brohl
Message Center - per main station line	\$0.07	\$0.34	Brohl
Message Waiting Indication Audible/Visual	\$0.13		Brohl
Message Waiting Visual	\$0.13	\$0.34	Brohl
Music On Hold - per system	\$21.99	\$23.13	Brohl
Network Speed Call	\$0.08		Brohl
Night Service Arrangement	\$0.08		Brohl
Outgoing Calls Barred	\$0.08		Brohl
Outgoing Trunk Queuing	\$0.13		Brohl
Privacy Release	\$0.08	\$0.47	Brohl
Query Time	\$0.24	\$0.34	Brohl
Speed Calling 1 Digit Controller	\$0.08		Brohl
Speed Calling 1 Digit User	\$0.08		Brohl
Speed Calling 1# List Individual	\$0.08		Brohl
Speed Calling 2 Digit Controller	\$0.08		Brohl
Speed Calling 2 Digit User	\$0.08		Brohl
Speed Calling 2# List Individual	\$0.08		Brohl
Speed Calling 30 Number	\$0.08		Brohl
Speed Calling 8 Number	\$0.08		Brohl
Station Camp-On Service - per main station	\$8.18	\$0.34	Brohl
Station Dial Conferencing (6 Way)	\$1.64		Brohl
Station Message Detail Recording (SMDR)	\$0.18		Brohl
Three Way Calling	\$0.32		Brohl

		Recurring	Non- Recurring	Witness
Time and Date Display		\$0.18		Brohl
Time of Day Control for ARS - per system		\$0.07	\$125.82	Brohl
Time of Day NCOS Update		\$0.08	\$0.54	Brohl
Time of Day Routing - per line		\$0.13	\$0.52	Brohl
Toll Restriction Service		\$0.08		Brohl
Trunk Answer Any Station		\$0.08		Brohl
Trunk Verification from Designated Station		\$0.07	\$0.39	Brohl
UCD in hunt group - per line		\$7.92	\$0.67	Brohl
UCD with Music After Delay		\$5.24		Brohl
CMS - SYSTEM ESTABLISHMENT - INITIAL INSTALLATION			\$971.60	Brohl
CMS - SYSTEM ESTABLISHMENT - SUBSEQUENT INSTALLATION			\$485.80	Brohl
CMS - PACKET CONTROL CAPABILITY, PER SYSTEM			\$485.80	Brohl
SMDR-P - SERVICE ESTABLISHMENT CHARGE, INITIAL INSTALLATION			\$339.30	Brohl
SMDR-P - ARCHIVED DATA			\$177.29	Brohl
9.11.5 Subsequent Order Charge			\$13.57	Brohl
9.11.6 Digital Line Side Port (Supporting BRI ISDN)				
First Port		\$10.56	\$219.37	Brohl
Each Additional Port		\$10.56	\$219.37	Brohl
9.11.7 Digital Trunk Ports				
DS1 Local Message Trunk Port		\$56.98		Brohl
Message Trunk Group, First Trunk			\$209.14	Brohl
Message Trunk Group, Each Additional			\$50.84	Brohl
DS1 PRI ISDN Trunk Port		\$228.78	\$648.55	Brohl
DS1 / DID Trunk Port		\$3.38	\$212.74	Brohl
9.11.8 DS0 Analog Trunk Port				
First Port		\$15.78	\$123.11	Brohl
Each Additional		\$15.78	\$28.57	Brohl
<b>9.12 Customized Routing</b>				
9.12.1 Development of Custom Line Class Code – Directory Assistance or Operator Services Routing Only			ICB	Brohl
9.12.2 Installation Charge, per Switch Directory Assistance or Operator Service Routing Only			ICB	Brohl
9.12.3 All Other Custom Routing		ICB	ICB	Brohl
<b>9.13 Common Channel Signaling/SS7</b>				
9.13.1 CCSAC STP Port		\$249.69	\$440.28	Brohl
9.13.2 CCSAC Options Activation Charge				
9.13.2.1 Basic Translations				
First Activation, per Order			\$115.34	Brohl
Each Additional Activation, per Order			\$9.58	Brohl
9.13.2.2 CCSAC Options Database Translations				
First Activation per Order			\$134.49	Brohl
Each additional Activation per Order			\$57.45	Brohl
9.13.3 Signal Formulation, ISUP, Per Call Set-Up Request		\$0.0020272		Brohl
9.13.4 Signal Transport, ISUP, Per Call Set-Up Request		\$0.0013148		Brohl
9.13.5 Signal Transport, TCAP, per Data Request		\$0.0002914		Brohl
9.13.6 Signal Switching, ISUP, Per Call Set-Up Request		\$0.0009192		Brohl
9.13.7 Signal Switching, TCAP, Per Data Request		\$0.0005754		Brohl
<b>9.14 Advanced Intelligent Network (AIN)</b>				
9.14.1 AIN Customized Services (ACS)			ICB	Brohl
9.14.2 AIN Platform Access (APA)		ICB	ICB	Brohl
9.14.3 AIN Query Processing, per Query		ICB		Brohl
<b>9.15 Line Information Database (LIDB)</b>				
9.15.1 LIDB Storage			No Charge	Brohl
9.15.2 Line Validation Administration System Access (LVAS)			ICB	Brohl

	Recurring	Non- Recurring	Witness
<b>9.15.2.1 LIDB Line Record Initial Load</b>			
9.15.2.1.1 Up to 20,000 Line Records		\$2,601.00	Brohl
9.15.2.1.2 Over 20,000 Line Records		ICB	Brohl
9.15.2.2 Mechanized Service Account Update, per Addition or Update Processed		ICB	Brohl
9.15.2.3 Individual Line Record Audit		ICB	Brohl
9.15.2.4 Account Group Audit		ICB	Brohl
9.15.2.5 Expedited Request Charge for Manual Updates		ICB	Brohl
9.15.3 LIDB Query Service, per Query	\$0.0009435	See 9.13.2.2	Brohl
9.15.4 Fraud Alert Notification, per Alert	No Charge		Brohl
<b>9.16 8XX Database Query Service</b>			
9.16.1 Basic Query, per Query	\$0.02007675	See 9.13.2.2	Brohl
9.16.2 POTS Translation	\$0.00000165		Brohl
9.16.3 Call Handling & Destination Feature	\$0.00000055		Brohl
<b>9.17 ICNAM, Per Query</b>	\$0.000836	See 9.13.2.2	Brohl
<b>9.18 Construction Charges</b>	ICB	ICB	Kennedy
<b>9.19 Miscellaneous Charges</b>			
* Per 1/2 hour or fraction thereof			
* Additional Engineering – Basic		\$31.84	Kennedy
* Additional Engineering – Overtime		\$39.38	Kennedy
* Additional Labor Installation – Overtime		\$9.05	Kennedy
* Additional Labor Installation – Premium		\$18.10	Kennedy
* Additional Labor Other – Basic		\$27.75	Kennedy
* Additional Labor Other – Overtime		\$37.06	Kennedy
* Additional Labor Other – Premium		\$46.39	Kennedy
* Testing and Maintenance – Basic		\$29.48	Kennedy
* Testing and Maintenance – Overtime		\$39.38	Kennedy
* Testing and Maintenance – Premium		\$49.28	Kennedy
* Maintenance of Service – Basic		\$27.75	Kennedy
* Maintenance of Service – Overtime		\$37.06	Kennedy
* Maintenance of Service – Premium		\$46.39	Kennedy
* Additional COOP Acceptance Testing – Basic		\$29.48	Kennedy
* Additional COOP Acceptance Testing – Overtime		\$39.38	Kennedy
* Additional COOP Acceptance Testing – Premium		\$49.28	Kennedy
* NonScheduled COOP Testing - Basic		\$29.48	Kennedy
* NonScheduled COOP Testing – Overtime		\$39.38	Kennedy
* NonScheduled COOP Testing – Premium		\$49.28	Kennedy
* NonScheduled Manual Testing – Basic		\$29.48	Kennedy
* NonScheduled Manual Testing – Overtime		\$39.38	Kennedy
* NonScheduled Manual Testing – Premium		\$49.28	Kennedy
* Cooperative Scheduled Testing - Loss		\$0.08	Kennedy
* Cooperative Scheduled Testing - C Message Noise		\$0.08	Kennedy
* Cooperative Scheduled Testing - Balance		\$0.33	Kennedy
* Cooperative Scheduled Testing - Gain Slope		\$0.08	Kennedy
* Cooperative Scheduled Testing - C Notched Noise		\$0.08	Kennedy
* Manual Scheduled Testing - Loss		\$0.17	Kennedy
* Manual Scheduled Testing -C- Message Noise		\$0.17	Kennedy
* Manual Scheduled Testing - Balance		\$0.67	Kennedy
* Manual Scheduled Testing - Gain Slope		\$0.17	Kennedy
* Manual Scheduled Testing - C Notched Noise		\$0.17	Kennedy
Additional Dispatch		\$84.60	Kennedy
Date Change		\$10.40	Kennedy
Design Change		\$74.10	Kennedy
Expedite Charge		ICB	Kennedy
Cancellation Charge		ICB	Kennedy
<b>9.20 Channel Regeneration</b>			
DS1 Regeneration	\$1.97	\$480.53	Kennedy
DS3 Regeneration	\$6.09	\$1,817.89	Kennedy
<b>9.21 Reserved for future use.</b>			
<b>9.22 Reserved for future use.</b>			

		Recurring	Non- Recurring	Witness
<b>9.23 UNE Combinations</b>				
9.23.1	UNE-P Conversion Non-Recurring Charges			
9.23.1.1	UNE-P POTS, CENTREX, PAL, PBX,			
	First		\$0.68	Brohl
	Each Additional		\$0.14	Brohl
9.23.1.2	UNE-P POTS, CENTREX, PAL, PBX, Manual			
	First		\$16.28	Brohl
	Each Additional		\$2.71	Brohl
9.23.1.3	UNE-P PBX DID			
	First		\$20.70	Brohl
	Each Additional		\$3.13	Brohl
9.23.1.4	UNE-P ISDN BRI			
	First		\$15.15	Brohl
	Each Additional		\$3.13	Brohl
9.23.1.5	UNE-P ISDN PRI, DSS per DS1 Facility		\$51.22	Brohl
9.23.1.6	UNE-P ISDN PRI, DSS Trunk			
	First		\$18.85	Brohl
	Each Additional		\$3.13	Brohl
9.23.2	UNE-P New Connection Non-Recurring Charges			
9.23.2.1	UNE-P POTS Mechanized			
	First		\$55.56	Brohl
	Each Additional		\$15.94	Brohl
9.23.2.2	UNE-P POTS Manual			
	First		\$82.49	Brohl
	Each Additional		\$18.52	Brohl
9.23.3	UNE-Combination Private Line			
	DS0/DS1/DS3/OCN/Integrated T-1 Existing Service		\$41.05	Kennedy
9.23.4	Enhanced Extended Loop (EEL)			
9.23.4.1	EEL Link			
	DS0		\$250.19	Kennedy
	Zone 1	\$18.96		Kennedy
	Zone 2	\$34.94		Kennedy
	Zone 3	\$56.53		Kennedy
	Each Additional		\$218.81	Kennedy
	DS1		\$308.19	Kennedy
	Zone 1	\$84.48		Kennedy
	Zone 2	\$84.57		Kennedy
	Zone 3	\$91.39		Kennedy
	Each Additional		\$262.31	Kennedy
	DS3		\$332.66	Kennedy
	Zone 1	\$897.72		Kennedy
	Zone 2	\$899.73		Kennedy
	Zone 3	\$1,053.66		Kennedy
	Each Additional		\$286.78	Kennedy
		<b>Recurring Fixed</b>	<b>Recurring Per Mile</b>	<b>Nonrecurring</b>
9.23.4.2	EEL Transport			
	DS0			\$307.95
	DS0 Over 0 to 8 Miles	\$19.27	\$0.13	Kennedy
	DS0 Over 8 to 25 Miles	\$19.29	\$0.12	Kennedy
	DS0 Over 25 to 50 Miles	\$19.33	\$0.12	Kennedy
	DS0 Over 50 Miles	\$19.28	\$0.06	Kennedy
	DS1			\$352.92
	DS1 Over 0 to 8 Miles	\$31.14	\$1.45	Kennedy

		Recurring	Non- Recurring	Witness
DS1 Over 8 to 25 Miles	\$31.40	\$1.18		Kennedy
DS1 Over 25 to 50 Miles	\$31.87	\$2.14		Kennedy
DS1 Over 50 Miles	\$31.83	\$1.12		Kennedy
DS3			\$352.92	Kennedy
DS3 Over 0 to 8 Miles	\$197.32	\$61.17		Kennedy
DS3 Over 8 to 25 Miles	\$200.35	\$18.78		Kennedy
DS3 Over 25 to 50 Miles	\$184.41	\$23.73		Kennedy
DS3 Over 50 Miles	\$194.79	\$16.34		Kennedy
		<b>Recurring</b>	<b>Nonrecurring</b>	
<b>9.23.4.3 Multiplexing</b>				
DS3 to DS1		\$232.15	\$268.62	Kennedy
DS1 to DS0		\$210.68	\$268.62	Kennedy
<b>9.23.4.4 DS0 Channel Performance</b>				
DS0 Low Side Channelization		\$11.52		Kennedy
DS1/DS0 MUX, Low Side Channelization		\$7.35	\$239.83	Kennedy
<b>9.23.4.5 Concentration Capability</b>				
		ICB		Kennedy
<b>9.24 Unbundled Packet Switching</b>				
<b>9.24.1 Unbundled Packet Switch Customer Channel</b>				
DSLAM		\$23.45		Kennedy
		\$20.29		Kennedy
<b>9.24.2 Customer Channel and Shared Distribution Loop</b>				
Customer Channel and Unbundled Distribution Subloop			\$60.14	Kennedy
Customer Channel and CLEC Provided Loop			\$127.17	Kennedy
			60.14	Kennedy
<b>9.24.3 Unbundled Packet Switch Port</b>				
DS1 Interface		\$208.02	\$227.50	Kennedy
DS3 Interface		\$135.05	\$227.50	Kennedy
<b>10.0 Ancillary Services</b>				Brotherson
<b>10.1 Local Number Portability</b>				
		See FCC Tariff #1 Section 20.3.1 & 20.3.3		
10.1.1 LNP Queries				
10.1.2 LNP Managed Cuts			\$27.31	6
Standard Managed Cuts per person per 1/2 Hr.			\$35.43	6
Overtime Managed Cuts per person per 1/2 Hr.			\$43.49	6
Premium Managed Cuts per person per 1/2 Hr.				
<b>10.2 911/E911</b>				
		No Charge		2
<b>10.3 White Pages Directory Listings, Facility Based Providers</b>				
10.3.1 Primary Listing		No Charge		2
10.3.2 Premium/Privacy Listings		General Exchange Tariff Rate, less wholesale discount		
<b>10.4 Directory Assistance, Facility Based Providers</b>				
10.4.1 Local Directory Assistance, Per Call		\$0.34		2
10.4.2 National Directory Assistance, per Call		\$0.385		2
10.4.3 Call Branding, Set- Up and Recording			\$10,500.00	2
10.4.4 Loading Brand /Per Switch			\$175.00	2
10.4.5 Call Completion Link, per call		\$0.085		
<b>10.5 Directory Assistance List Information</b>				
10.5.1 Initial Database Load, per Listing		\$0.025		2
10.5.2 Reload of Database, per Listing		\$0.02		2
10.5.3 Daily Updates, per Listing		\$0.025		2
10.5.4 One-time Set-Up Fee, per Hour			\$82.22	2
10.5.5 Media Charges for File Delivery				
10.5.5.1 Electronic Transmission		\$0.001		2

		Recurring	Non- Recurring	Witness
10.5.5.2 Tapes (charges only apply if this is selected as		\$30.00		
10.5.5.3 Shipping Charges (for tape delivery)			ICB	3
<b>10.6 Toll and Assistance Operator Services, Facility Based Providers,</b>				
<b>10.6.1 Option A – Per Message</b>				
Operator Handled Calling Card		\$1.45		2
Machine Handled Calling Card		\$0.60		2
Station Call		\$1.50		2
Person Call		\$3.50		2
Connect to Directory Assistance		\$0.75		2
Busy Line Verify, per Call		\$0.72		
Busy Line Interrupt		\$0.87		
Operator Assistance, per Call		\$0.87		2
<b>10.6.2 Option B – Per Operator Work Second and Computer Handled Calls</b>				
Operator Handled, per Operator Work Second		\$0.181		2
Machine Handled, per Call		\$0.25		2
10.6.3 Call Branding, Set-Up & Recording			\$10,500.00	2
10.6.4 Loading Brand/Per Switch			\$175.00	2
<b>10.7 Access to Poles, Ducts, Conduits and Rights of Way</b>				
10.7.1 Pole Inquiry Fee, per Mile			\$322.99	Kennedy
10.7.2 Innerduct Inquiry Fee, per Mile			\$388.25	Kennedy
10.7.3 ROW Inquiry Fee			\$143.49	Kennedy
10.7.4 ROW Doc Prep Fee			\$143.49	Kennedy
10.7.5 Field Verification Fee, per Pole			\$35.87	Kennedy
10.7.6 Field Verification Fee, per Manhole			\$466.34	Kennedy
10.7.7 Planner Verification, Per Manhole			\$16.00	Kennedy
10.7.8 Manhole Verification Inspector Per Manhole			\$286.98	Kennedy
10.7.9 Manhole Make-Ready Inspector, per Manhole			\$430.47	Kennedy
10.7.10 Pole Attachment Fee, per Foot, per Year		\$4.28		Kennedy
10.7.11 Innerduct Occupancy Fee, per Foot, per Year		\$0.36		Kennedy
10.7.12 Access Agreement Consideration			\$10.00	Kennedy
<b>12.0 Operational Support Systems</b>				
12.1 Daily Usage Record File, per Record		\$0.000746		Brohl
12.2 Trouble Isolation Charge			Section 13, Qwest's Arizona Exchange and Network Services Catalog	
<b>17.0 Bona Fide Request Process</b>				
17.1 Processing Fee			\$2,410.58	Kennedy

## NOTES:

- [1] Reserved for future use  
 [2] Market-based rates not proposed in Arizona Cost Docket (Consolidated Arbitration).  
 [3] ICB, Individual Case Basis pricing.  
 [4] Reserved for future use

**3**

**BEFORE THE ARIZONA CORPORATION COMMISSION**

**WILLIAM A. MUNDELL**  
Chairman  
**JAMES M. IRVIN**  
Commissioner  
**MARC SPITZER**  
Commissioner

**IN THE MATTER OF INVESTIGATION ) DOCKET NO. T-00000A-00-0194**  
**INTO U S WEST COMMUNICATIONS, )**  
**INC.'S COMPLIANCE WITH CERTAIN )**  
**WHOLESALE PRICING REQUIREMENTS )**  
**FOR UNBUNDLED NETWORK )**  
**ELEMENTS AND RESALE DISCOUNTS )**

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**AT&T'S EIGHTH SET OF DATA REQUESTS TO  
QWEST CORPORATION**

AT&T Communications of the Mountain States, Inc., hereby submits its Eighth Set of Data Requests to Qwest Corporation ("Qwest").

**INSTRUCTIONS AND DEFINITIONS**

As used herein, the following terms have the meaning as set forth below:

1. The terms "Qwest," "you," and "your" shall include Qwest Corporation and its predecessors, parents, subsidiaries, and affiliates, and their former and present officers, attorneys, employees, servants, agents and representatives, and any person acting on their behalf for any purpose.

**INSTRUCTIONS**

A. These data requests shall be deemed to be continuing. Qwest is obliged to change, supplement, and correct all answers to interrogatories and responses to the production request to conform to available information, including such information as first becomes available to Qwest after the answers and production of documents hereto are filed and made, should additional information become known or should information supplied in the answers or documents prove to be incorrect or incomplete.

B. The Response to each data request provided should first restate the question asked and also identify the person(s) supplying the information.

C. Please provide your responses in written form and also provide an electronic version of your responses on a 3½" floppy disk.

D. In answering these data requests, furnish all information that is available to you or may be reasonably ascertained by you, including information in the possession of any of your agents or attorneys, or otherwise subject to your knowledge, possession, custody or control.

E. If in answering these data requests you encounter any ambiguity in construing the request or a definition or instruction relevant to the inquiry contained within the interrogatory or request, set forth the matter deemed "ambiguous" and set forth the construction chosen or used in answering the interrogatory or responding to the request.

F. If you object to any part of a request, answer all parts of such requests to which you do not object, and as to each part to which you do object, separately set forth the specific basis for the objection.

G. If you claim any form of privilege or other protection from disclosure as a ground for withholding information responsive to a request, contained in a document, set forth with respect to the document:

- (i) the date and number of pages of the document;
- (ii) the identity of the author(s) and/or preparer(s);
- (iii) the identity of the addressee, if any;
- (iv) the title;
- (v) the type of tangible thing (e.g., letter, memorandum, telegram, chart, report, recording disc);
- (vi) the subject matter (without revealing the information as to which privilege or protection from non-disclosure is claimed);
- (vii) the identity of each person who has received the document or to whom knowledge of the contents of the document was communicated;
- (viii) the identity of the present custodian(s);
- (ix) the nature of your claim of non-discoverability (e.g., attorney-client privilege); and

(x) each and every fact on which you rest your claim of privilege or other protection from disclosure, stated with sufficient specificity to permit AT&T to make a full determination as to whether your claim is valid.

## DATA REQUESTS

AT&T 8-155:

Please produce the LEIS DA Detail information referenced at page 1.6 of the LoopMod User Manual in Section IV.A. Please explain how the LEIS DA Detail information is "trued" to the counts of working access lines from the integrated forecasting tool.

AT&T 8-156:

Please provide all documents and other information upon which Qwest bases the assumption in LoopMod that lots within a distribution area are twice as deep as they are wide.

AT&T 8-157:

Please review the Rebuttal Testimony of Dick Buckley at page 2. Please provide all information and documents justifying the "adjusted" activity mix for Density Group 5 and state what impact adjusting the activity mix in Density Group 5 and rural feeder makes in the ICM run filed by Ms. Millian.

AT&T 8-158:

Please review the Rebuttal Testimony of Mr. Buckley at page 8. Mr. Buckley contends that demand will be met by new technologies that were not available during the late 1990s. State whether Qwest has evaluated the three pair per site assumption in single family subdivisions used in LoopMod in light of the fact that new technologies are available to meet demand for additional lines. In addition, please state why Qwest considers three pair per site to be a reasonable assumption in light of the availability of these new technologies.

AT&T 8-159:

Please produce documents setting forth the Qwest network architecture recommendations regarding distribution design, including the recommendations regarding how many pairs per site should be placed.

AT&T 8-160:

Describe the process used by Qwest in entering into contracts for the placement of buried cable in Arizona. State whether Qwest engages in competitive bidding in placing contracts with outside vendors for the placement of outside plant.

AT&T 8-161:

Please review Rebuttal Testimony of Dick Buckley at page 11, line 6. What percentage of the placement of buried cable for Qwest in Arizona was done by contracted construction firms in the first quarter of 2001? If this information is not available for the requested time period, please provide it for the most recent time period for which the information is available.

AT&T 8-162:

Please review the Rebuttal Testimony of Dick Buckley at page 12 and Exhibit RJB-1. Please identify where each photograph was taken and who took the photograph. Please state whether Mr. Buckley was present when the photograph was taken.

AT&T 8-163:

Please provide a description of all experience Mr. Buckley has had in designing or placing outside plant.

AT&T 8-164:

Please review page 15 of Mr. Buckley's Rebuttal Testimony. Please identify each cable placement site visited by Mr. Buckley, state the date on which Mr. Buckley visited these placement sites, provide all notes and other documents relating to the visits, and identify each placement activity observed by Mr. Buckley at the site.

AT&T 8-165:

State whether Mr. Buckley has reviewed information from any cable placement projects other than the Omaha Broadband project and the North Dakota Cable project referenced in his testimony in concluding that boring will be required to the extent modeled by LoopMod. If so, please identify each project and state how Mr. Buckley's review of that project affected his opinion.

AT&T 8-166:

Please refer to the Rebuttal Testimony of Mr. Buckley at page 19. Please provide all documents and other information supporting the statement by Mr. Buckley at line 16 that it "costs less to groom than to take a circuit through a switch." In addition, please explain the assumptions underlying this statement.

AT&T 8-167:

Please state whether Qwest has actually installed the equipment necessary to demultiplex DS-1 loops to DS-0 loops in its central offices as assumed by LoopMod for the purpose of providing unbundled loops to competitive providers. Please identify each central office in which

the equipment is available and state whether the equipment is used for any purpose other than demultiplexing IDLC loops to be provisioned to CLECs.

AT&T 8-168:

Please provide all work papers and other documents reflecting sensitivity tests on HAI described in Mr. Buckley's testimony at pages 21 and 22.

AT&T 8-169:

Please review Mr. Buckley's Rebuttal Testimony at page 24, lines 17 and 18. Does Qwest contend that mapping actual distribution areas to standard distribution group designs is the least cost design? If so, please provide all evidence supporting this contention.

AT&T 8-170:

Please review the Rebuttal Testimony of William Fitzsimmons at page 22, lines 20-21. Please identify all of the "substantial shortcomings and flaws" with the FCC's Synthesis Model that Mr. Fitzsimmons contends "render its cost estimates highly suspect." Please produce all documents and other evidence supporting this contention.

AT&T 8-171:

Please provide the Stop Watch Maps analysis referenced at page 38 of Mr. Fitzsimmons' testimony, lines 2 through 14.

AT&T 8-172:

Does Mr. Fitzsimmons contend that the cluster data and distribution algorithms in Hatfield Model 5.2a must be changed to derive the appropriate distribution distance necessary to provide service to all customers? If so, please provide all documents and other evidence supporting this contention.

AT&T 8-173:

Please identify and provide the source documents for the line counts contained in Document 2.2 attached to Mr. Fitzsimmons Rebuttal Testimony and state the date of this information. If Qwest has more recent information regarding its line counts than that used in Document 2.2, please provide the most current line count information.

AT&T 8-174:

Please state how Mr. Fitzsimmons calculated the number of DS-1 facilities found in column B of Document 2.2 and provide any workpapers reflecting or supporting the calculation.

AT&T 8-175:

Please review page 41 of Mr. Fitzsimmons's testimony at lines 7 and 8. Please state whether the average number of channels used by Qwest customers reflected in this testimony is an average for the State of Arizona. If not, please state what the average does reflect and also provide the average for the State of Arizona. In addition, please provide all documents and other evidence from which the average is calculated or derived.

AT&T 8-176:

Please review page 49 of Mr. Fitzsimmons' Rebuttal Testimony at lines 16 through 18. Please describe all "indications of actual placement activities" which Mr. Fitzsimmons cites in his claim that those incidents do not support the FCC's failures for buried underground sharing in the higher density zones. Please provide all evidence supporting Mr. Fitzsimmons' contentions.

AT&T 8-177:

Please state whether Mr. Fitzsimmons ran any sensitivity tests other than on the HIA Model 5.2a other than those presented in his testimony. If so, please describe all such tests, provide all workpapers and other documents relating to the tests, and state the results of the tests run by Mr. Fitzsimmons that are not included in his testimony.

AT&T 8-178:

Please review Mr. Fitzsimmons's Rebuttal Testimony at page 50, lines 20 through 21 and page 51, line 1. Please state why the empirical evidence cited by Mr. Fitzsimmons in his testimony is not cited as support for the LoopMod drop distance assumptions set forth at Exhibit RJB-3, page 3 of 18.

AT&T 8-179:

Please produce the loop drop studies summarized in Document 4.2 attached to the Rebuttal Testimony of Mr. Fitzsimmons. Also, describe the "lot types" referenced in Document 4.2.

AT&T 8-180:

Please produce all work papers supporting Figure 5 in the Rebuttal Testimony of Mr. Fitzsimmons at page 53.

AT&T 8-181:

Please state whether Mr. Fitzsimmons' assumption of 5% aerial distribution found in Exhibit WLF-2 "Plant Mix" includes building, block, or riser cable. If so, please state the basis on which Mr. Fitzsimmons assumes that only 5% aerial is an appropriate plant mix, including

building, block, or riser cable. If not, please state how Mr. Fitzsimmons proposes that building, block or riser cable should be reflected in the Hatfield Model.

AT&T 8-182:

Do the "marketing-product management" costs incurred by Qwest's wholesale carrier market unit as described at page 6 of Ms. Gude's Rebuttal Testimony include costs incurred providing wholesale services to enhanced service providers, ISPs and ASPs, pay phone providers, or wireless carriers?

AT&T 8-183:

Please produce the Qwest accounting records showing uncollectibles associated with intrastate carrier services and resale of retail services referenced on page 7 of Ms. Gude's Rebuttal Testimony at lines 18-19. Please state whether Qwest has any accounting records showing uncollectibles associated with the sale of unbundled network elements or interconnection. If so, please produce all such documents.

AT&T 8-184:

Please produce documents reflecting Qwest's policies and procedures regarding the manner in which costs will be characterized and recorded to Accounts 6611, 6612, 6532, 6534, 6535, 6531, 6712, 6727 and 6728.

AT&T 8-185

Please produce all documents and work papers supporting the trend calculation provided by Ms. Gude in her Rebuttal Testimony at pages 15-16.

AT&T 8-186:

Please produce all documents describing the change in accounting procedures referenced at page 15 of Ms. Gude's Rebuttal Testimony, line 19.

AT&T 8-187:

Please produce all working papers and other documents supporting the graphs on pages 19-22 of Ms. Gude's Rebuttal Testimony.

AT&T 8-188:

Please provide all workpapers and other documents supporting Ms. Gude's claim on page 35 of her Rebuttal Testimony that Qwest's 1999 per loop investment amount using the company's embedded cost accounting system is approximately \$1,0004.

AT&T 8-191:

Please compare Exhibit MA-1R to Exhibit MA-1. For each charge in Exhibit MA-1R that is higher than the corresponding charge in Exhibit MA-1, please explain why the charge is higher.

AT&T 8-192:

Please review the Rebuttal Testimony of Garrett Y. Fleming at page 33. Please state the percentage of collocation installations completed using contractor labor in Arizona during the months January through May, 2001. If Qwest cannot provide this information for the requested time period, please provide the information requested for the most recent time period available.

AT&T 8-193:

Does Qwest have any policies and procedures regarding when it is appropriate to use contract labor to construct collocation facilities? Please provide all documents setting forth any such policies.

AT&T 8-194:

Please produce the cage construction of price schedules submitted by 13 contractors identified at page 53 of the Rebuttal Testimony of Mr. Fleming.

AT&T 8-195:

Please produce the retail DSL study dated May 30, 2001 identified at page 55, lines 24 and 25 of Mr. Fleming's Rebuttal Testimony.

AT&T 8-196:

Identify the last five collocation installations in Arizona that were constructed using contract labor by stating the date on which the construction was completed, and identifying the central office in which the collocation installation was constructed.

AT&T 8-197:

Please provide all documents supporting the "actual" fill rates for digital working lines to digital lines of capacity and analog line fill set forth at pages 91 and 92 of the Rebuttal Testimony of Mr. Fleming.

AT&T 8-198:

Please provide all working papers and other documents supporting the calculations made in Exhibit 7 to Mr. Fleming's Rebuttal Testimony.

AT&T 8-199:

Please provide all working papers and other documents supporting the calculations made in Exhibit 9 to the Rebuttal Testimony of Garrett Fleming. This includes, but is not limited to, all documents supporting Mr. Fleming's calculation of the average investment per year per line for upgrades and all evidence supporting the calculation of application software purchased per year per line and application software per line port per month.

AT&T 8-200:

Please refer to the Rebuttal Testimony of Theresa K. Million at pages 28 and 29. Please provide all documents supporting Qwest's claim regarding its actual utilization of DS-1s using a SONET Fiber Mux architecture as presented in the testimony. Also present the actual utilization for all other architectures assumed by Qwest's DS-1 cost study and produce the documents from which these utilization rates are derived.

AT&T 8-201:

Please review the Rebuttal Testimony of Ms. Million at page 35. Please explain why Qwest's DS-1 model does not assume that any DS-1s will be served using a ring architecture.