

ORIGINAL



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BEFORE THE ARIZONA CORPORATION COMMISSION

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KRISTIN K. MAYES
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BOB STUMP
Commissioner

2009 APR -9 P 4: 28
AZ CORP COMMISSION
DOCKET CONTROL

Arizona Corporation Commission
DOCKETED

APR - 9 2009

DOCKETED BY 

**IN THE MATTER OF THE FORMAL
COMPLAINT OF QWEST CORPORATION
AGAINST ARIZONA DIALTONE, INC. TO
ENFORCE ITS INTERCONNECTION
AGREEMENT**

**DOCKET NO. T-03608A-07-0694
T-01051B-07-0694**

**QWEST CORPORATION'S
CALCULATIONS OF BACK-
BILLINGS**

Responsive to the Procedural Order entered March 19, Qwest Corporation files its calculations of the back-billings for the TRRO transition period and the post-transition period.

Exhibit 1 attached is an April 3, 2009 letter from Bill Campbell of Qwest to Arizona Dialtone, explaining Qwest's methodology (including how it determined the rate differential between UNE-P and the analogous resale service), and transmitting spreadsheets for the backbilling calculations.

Those spreadsheets are included in Exhibit I. The first spreadsheet shows the numbers of UNE-P lines for each month of the TRRO transition period, applies the \$1 per line per month transition rate difference ("delta"), and extends out to a total.

The second spreadsheet shows the numbers of UNE-P PAL and UNE-P POTS lines for each month of the post transition period, through March, 2009, applies the rate difference ("delta") for each type for each month, and extends out to a total. It should be noted that because

1 Arizona Dialtone has not yet converted all of its facilities to resale, this back-billing calculation
2 is not final, and the totals due continue to increase.

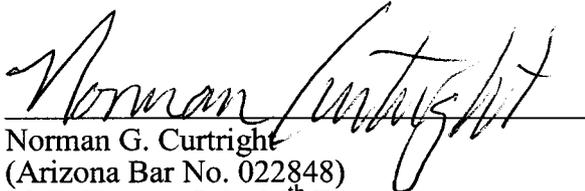
3 Exhibit 2 attached is a series of emails exchanged between Mr. Bade of Arizona Dialtone
4 and Mr. Campbell, in which Qwest's methodology and calculations are explained.

5 Qwest is filing redacted versions of Exhibit 1 with Docket Control, and providing
6 unredacted versions to the Administrative Law Judge, in accordance with the directives of the
7 Procedural Order. Qwest considers the information in its bills to Arizona Dialtone to be
8 confidential information of Arizona Dialtone, unless released by Arizona Dialtone. Arizona
9 Dialtone has informed Qwest that its position is that the calculations should be kept confidential.

10 RESPECTFULLY SUBMITTED, this 9th day of April, 2009.

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QWEST CORPORATION



Norman G. Curtright
(Arizona Bar No. 022848)
20 E. Thomas Rd., 16th Floor
Phoenix, Arizona 85012
Tel: (602) 630-2187
Fax: (303) 383-8484
Email: norm.curtright@qwest.com

1 ORIGINAL and 13 copies hand-delivered
2 for filing this 9th day of April, 2009, to:

3 Docket Control
4 ARIZONA CORPORATION COMMISSION
5 1200 West Washington Street
6 Phoenix, AZ 85007

6 Copy of the foregoing hand delivered
7 this 9th day of April, 2009, to:

8 Sarah Harpring, Administrative Law Judge
9 Hearing Division
10 ARIZONA CORPORATION COMMISSION
11 1200 W. Washington
12 Phoenix, AZ 85007

11 Armando Fimbres
12 Utilities Division
13 ARIZONA CORPORATION COMMISSION
14 1200 W. Washington Street
15 Phoenix, AZ 85007

14 Maureen A. Scott, Esq.
15 Legal Division
16 ARIZONA CORPORATION COMMISSION
17 1200 W. Washington Street
18 Phoenix, AZ 95007

17 Copy of the foregoing mailed
18 this 9th day of April, 2009, to:

19 Glenn B. Hotchkiss, Esq.
20 Cheifetz, Iannitelli & Marcoline P.C.
21 1850 North Central Avenue, 19th Floor
22 Phoenix, Arizona 85004

22 
23 _____

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25
26

EXHIBIT 1



April 3, 2009

Thomas Bade
Glen Hotchkiss

Subject: AZDT UNEP Back Billing Data

Dear Mr. Bade and Mr. Hotchkiss

Attached for your information is the spreadsheet Qwest has used to calculate the AZDT back billing owed as a result of the UNEP dispute.

The line volume counts are provided by state and product type. The use of the \$1 transition rate or the delta of UNEP and a resale service are consistent with the result of the AZ PSC findings.

The line counts are based on end of month in service quantities. Due to new installs and disconnects which occur during the month, this number may differ slightly from the number of lines for which a bill has been rendered during a given month. The back billing for the transition period is simply the total UNEP monthly line count times the prescribed \$1. For the period extending beyond the 12 month transition period the following methodology was used.

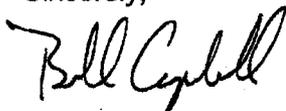
1. UNEP PAL – Monthly line count to establish volume
 2. The base UNEP rate was calculated using average unbundled loop rate for the UNEP lines by zone. The April 2006 line count was used to create the average rate. April 2006 is the first month following the prescribed 12 month transition period.
 - Zone 1 $\$9.05 \times 6387 \text{ lines} = \$57,802.35$
 - Zone 2 $\$14.84 \times 1083 \text{ lines} = \$16,071.72$
 - Zone 3 $\$36.44 \times 281 \text{ lines} = \$10,239.64$
 - Average rate $\$84,113.71 / 7751 \text{ lines} = \10.85
 3. The port rate was added to the average unbundled loop rate.
 4. The base UNEP PAL rate is \$13.29
 5. The Resale PAL rate is the composite of the discounted tariff rate, features (fraud protection) and Federal Access Charge. This rate is \$15.52
 6. The rate differential is $\$15.52 - \$13.29 = \$2.23$ per line times the monthly count.
-
1. UNEP POTS – Monthly line count to establish volume
 2. The base UNEP rate was calculated the same as above using the UNEP volume by zone to create the average unbundled loop rate.

● Page 2

3. The port rate was added to the average unbundled loop rate.
4. The base UNEP POTS rate is \$13.29
5. The Resale POTS rate is the composite of the discounted RES tariff rate, average features (these included call forwarding, caller id, blocking, in the sample reviewed), and Federal Access Charge. This rate is \$26.90
6. The rate differential is $\$26.90 - \$13.29 = \$13.61$ per line times the monthly count.

Although various other surcharges, business line designation, switched access and pay per use charges may have applied to the services they are not reflected in the analysis. These exemptions were chosen by Qwest to minimize points of potential dispute.

Sincerely,



Bill Campbell
Qwest Senior Product Manager

Cc Norm Curtright
Reed Peterson

TRRO Transition Period

AZ Dialtone (ZCID A14) Rate Increases AZ Only

Rate Increases under FCC Prescribed 12-Month UNE-P Transition Period (+\$1 per line, per month) Mar. 10, 2005 - Mar. 11, 2006

State	Mar 11 '05 - Mar 31 '05	Apr-05	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05	Nov-05	Dec-05	Jan-06	Feb-06	Mar 11 '06 - Mar 11 '06	Total
AZ	REDACTED \$0.67	REDACTED \$1.00	REDACTED \$0.35											
State Subtotal	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	\$99,386

EXHIBIT 2

Peterson, Reed

From: Campbell, Bill
Sent: Friday, April 03, 2009 3:44 PM
To: 'Tom Bade'
Cc: Curtright, Norm; Peterson, Reed
Subject: AZDT Arizona Back Billing Data
Attachments: AZDT 04.03.09.tif; AZDT AZ Trueup 04.01.09.xls

Tom,

The attached files provide methodology and supporting detail for the billing received by AZDT related to the UNEP back bill dispute in Arizona.

The first file describes methodology and the .xls file displays the calculations. I have tried to be comprehensive in the data provided but should you , upon your review, have questions please feel free to contact me.

Thank you,

Bill Campbell

Peterson, Reed

From: Tom Bade [tombade@arizonadialtone.com]
Sent: Monday, April 06, 2009 12:59 PM
To: Campbell, Bill
Cc: Curtright, Norm; Peterson, Reed; Glenn Hotchkiss
Subject: Re: AZDT Arizona Back Billing Data

Bill,

What is a "delta."

How was the delta for PAL and residential lines computed as I can't come up with anything close so I must not understand what it is?

What were the line numbers (ANI's) and COS for each billing period?

Why didn't you follow the TRRO in your computations that was approved by the ACC?

Tom

----- Original Message -----

From: Campbell, Bill
To: 'Tom Bade'
Cc: Curtright, Norm ; Peterson, Reed
Sent: Friday, April 03, 2009 3:43 PM
Subject: AZDT Arizona Back Billing Data

Tom,

The attached files provide methodology and supporting detail for the billing received by AZDT related to the UNEP back bill dispute in Arizona.

The first file describes methodology and the .xls file displays the calculations. I have tried to be comprehensive in the data provided but should you , upon your review, have questions please feel free to contact me.

Thank you,

Bill Campbell

Peterson, Reed

From: Campbell, Bill
Sent: Wednesday, April 08, 2009 10:12 AM
To: 'Tom Bade'
Cc: Curtright, Norm; Peterson, Reed; Glenn Hotchkiss
Subject: RE: AZDT Arizona Back Billing Data
Attachments: AZDT Schedule A.pdf

Tom,

When we use the term "delta" we are talking about the rate difference between the UNEP and Resale rates.

I don't understand your question about why we didn't follow the TRRO that was approved by the ACC. For the transition period it is a simple matter of billing \$1 for every UNE line for every month—that is the transition rate provided by the TRRO.

As you know, there was no FCC-prescribed post-transition rate, so for that period we are backbilling the difference between resale and UNE-P, times the monthly line counts. To do that we came up with a computation of the weighted average rates for UNE-P PAL and UNE-P POTS, using April 2006 quantities of lines. Calculation of weighted averages is done because the rates and quantities for the unbundled loop portion of the UNEP service vary by zone. Our averaging provides a reliable and simplified method to address these variables. Once we calculated the difference (delta) in rate, we multiply the difference (delta) times the actual line counts for each month.

It is true that the weighted average rates used in our calculation do not match the actual rates in rate schedules for specific lines. But we do not believe it's necessary or realistic to calculate the difference (delta) for each line, provided that there is agreement on the quantities.

You can see that the rates we use for calculating the averages are the rates that are stated in your ICA: Zone 1 loop = \$9.05, Zone 2 loop = \$14.84, Zone 3 loop = \$36.44. I notice I didn't state the port rate in step 2 of my last email--it is \$2.44, which is also stated in your ICA schedule of rates. For convenience, the ICA exhibit A is provided.

We are assuming that there isn't any significant disagreement over the number of UNE-P PAL and UNE-P POTs that were in service each month.

I am unclear what you mean by "line numbers (ANI's) and COS for each billing period." The quantity of lines for each month is stated on the spread sheet for each type of service—PAL or POTS.

Bill Campbell

From: Tom Bade [mailto:tombade@arizonadialtone.com]
Sent: Monday, April 06, 2009 1:59 PM
To: Campbell, Bill
Cc: Curtright, Norm; Peterson, Reed; Glenn Hotchkiss
Subject: Re: AZDT Arizona Back Billing Data

Bill,

What is a "delta."

How was the delta for PAL and residential lines computed as I can't come up with anything close so I must not understand what it is?

What were the line numbers (ANI's) and COS for each billing period?

Why didn't you follow the TRRO in your computations that was approved by the ACC?

4/9/2009

Tom

----- Original Message -----

From: Campbell, Bill
To: 'Tom Bade'
Cc: Curtright, Norm ; Peterson, Reed
Sent: Friday, April 03, 2009 3:43 PM
Subject: AZDT Arizona Back Billing Data

Tom,

The attached files provide methodology and supporting detail for the billing received by AZDT related to the UNEP back bill dispute in Arizona.

The first file describes methodology and the .xls file displays the calculations. I have tried to be comprehensive in the data provided but should you , upon your review, have questions please feel free to contact me.

Thank you,

Bill Campbell

Arizona Dial Tone
Arizona
New Rates

1X. This rate sheet reflects cost docket rates ordered by the Arizona Corporation Commission in Docket No. T-00000A-00-0194 Phase II and II A Record Reopened, effective June 12, 2002.				
2X. This rate sheet reflects cost docket rates ordered by the Arizona Corporation Commission in Docket No. T-00000A-00-0194 Phase II and II A Record Reopened, effective October 06, 2003.				
Resale		Wholesale Discount Percentage Recurring Charge	Wholesale Discount Percentage Nonrecurring Charge	
		Recurring	Non-Recurring	Notes
Wholesale Discount Rates (* Does not apply to service quality credits.)				
Basic Exchange Residential Line Service		12%		
Basic Exchange Business Line Service		18%		
All other Qwest's Telecommunications Services		18%		
Product Specific Nonrecurring Charge			18%	
		Recurring	Non-Recurring	Notes
Customer Transfer Charge (CTC)				
CTC for POTS Service, per Line				
Residence			\$5.00	
Business			\$5.00	
ISDN			\$5.00	
CTC for Private Line Transport Services				
First			\$40.87	
Each Additional			\$40.87	
CTC for Advanced Communications Services, per circuit			\$51.34	
Interconnection Facility Options				
Entrance Facilities				
DS1		\$89.42	\$256.87	1X
DS3		\$357.16	\$256.87	1X
		Recurring	Non-Recurring	Notes
LIS EICT				
Per DS1		\$0.00	\$0.00	
Per DS3		\$0.00	\$0.00	
	Recurring Fixed	Recurring Per Mile	Non-Recurring	Notes
Direct Trunked Transport				
DS1				1X
DS1 Over 0 to 8 Miles	\$35.98	\$.65		1XRC
DS1 Over 8 to 25 Miles	\$35.99	\$.94		1XRC
DS1 Over 25 to 50 Miles	\$36.00	\$1.75		1XRC
DS1 Over 50 Miles	\$36.00	\$1.59		1XRC
DS3				1X
DS3 Over 0 to 8 Miles	\$243.17	\$13.32		1XRC
DS3 Over 8 to 25 Miles	\$246.16	\$15.90		1XRC
DS3 Over 25 to 50 Miles	\$250.66	\$22.91		1XRC
DS3 Over 50 Miles	\$249.26	\$22.49		1XRC
		Recurring	Non-Recurring	Notes
Multiplexing				
DS3 to DS1		\$228.05	\$263.87	
DS1 to DS0		\$200.08	\$267.45	
DS1 Interface				
DS1 Interface, First Trunk			\$7.60	
DS1 Interface, Each Additional Trunk			\$7.60	
DS1 Interface, Disconnect			\$.53	
DS3 Interface				
DS3 Interface, First Trunk			\$7.60	
DS3 Interface, Each Additional Trunk			\$7.60	
DS3 Interface, Disconnect			\$.53	

Arizona Dial Tone
Arizona
New Rates

		Recurring	Non-Recurring	Notes
Exchange Service (EAS/Local) Traffic				
End office call termination, per Minute of Use		\$.00097		2XRC
Tandem Switched Transport				
Tandem Switching, per Minute of Use		\$.00055		
Tandem Transmission, per Minute of Use				
Over 0 to 8 Miles	\$.00079	\$ 0.00		
Over 8 to 25 Miles	\$.00079	\$ 0.00		
Over 25 to 50 Miles	\$.00079	\$ 0.00		
Over 50 Miles	\$.00079	\$ 0.00		
		Recurring	Non-Recurring	Notes
Miscellaneous Charges				
Cancellation Charge (LIS Trunks)		Qwest's Arizona Switched Access Tariff		
Expedite Charge (LIS Trunks)		Qwest's Arizona Switched Access Tariff		
Construction Charges		ICB	ICB	
		Recurring	Non-Recurring	Notes
Transit Traffic				
		See Tandem Switching and Tandem Transmission Rates Above		
Local Transit, per Minute of Use		9	Miles	
Local Transit Assumed Mileage				
IntraLATA Toll Transit		Qwest's Arizona Switched Access Tariff		
IntraLATA Toll Assumed Mileage		9	Miles	
Jointly Provided Switched Access		Qwest's Arizona Switched Access Tariff		
Category 11 Mechanized Record Charge, per Record		\$.001819		
		Recurring	Non-Recurring	Notes
Collocation				
All Collocation				
Quote Preparation Fee			\$ 1,381.54	
Augment QPF			\$ 345.00	
Entrance Facility				
Standard per Fiber Pair		\$ 8.42	\$ 335.47	
Cross Connect per Fiber		\$ 8.50	\$ 388.22	
Express per Cable		\$ 146.47	\$ 5,475.55	
Cable Splicing				
Fiber - Per set-up			\$ 499.69	
Per fiber spliced			\$ 22.22	
-48 Volt DC Power Usage, per Ampere, per Month				
Power Plant, per amp				
<60 amps		\$ 10.75		
>60 amps		\$ 10.75		
=60 amps		\$ 10.75		
Power Usage Less Than 60 Amps, per Amp		\$ 3.64		
Power Usage More Than 60 Amps		\$ 7.27		
AC Power Feed (Backup Power)				
AC Power Feed - per Amp, Per Month				
120 V		\$ 15.48		
208 V, Single Phase		\$ 26.83		
208 V, Three Phase		\$ 46.42		
240 V, Single Phase		\$ 30.96		
240 V, Three Phase		\$ 53.57		
480 V, Three Phase		\$ 107.13		
AC Power Feed, per foot per A&B Feeder				
20 Amp, Single Phase		\$.01151	\$ 7.87	
20 Amp, Three Phase		\$.01427	\$ 9.76	
30 Amp, Single Phase		\$.01241	\$ 8.49	
30 Amp, Three Phase		\$.01704	\$ 11.66	
40 Amp, Single Phase		\$.01459	\$ 9.98	
40 Amp, Three Phase		\$.02008	\$ 13.74	
50 Amp, Single Phase		\$.01731	\$ 11.84	

Arizona Dial Tone
Arizona
New Rates

50 Amp, Three Phase		\$02417	\$16.54	
60 Amp, Single Phase		\$01957	\$13.39	
60 Amp, Three Phase		\$02782	\$19.04	
100 Amp, Single Phase		\$02423	\$16.58	
100 Amp, Three Phase		\$03784	\$25.89	
Inspector Labor, per half hour				
Regular Hours Rate			\$31.47	
After Hours Rate, minimum 3 hours			\$40.52	
Channel Regeneration				
DS1 Regeneration		\$0.00	\$0.00	
DS3 Regeneration		\$0.00	\$0.00	
Collocation Terminations				
Cable per 100 Pair Block, OR		\$0.00	\$0.00	
DS0 Termination per 100		\$1.58	\$622.24	
Collocation Terminations - DS1				
Cable per 28 DS1s, OR		\$0.00	\$0.00	
DS1 Unconnectorized Terminations per 28		\$1.10	\$595.32	
Collocation Terminations - DS3				
Cable per Termination		\$0.00	\$0.00	
DS3 Connectorized Termination per DS3		\$0.53	\$370.39	
Collocation Terminations per Termination				
DS0		\$0.01	\$5.19	
DS1		\$0.02	\$12.29	
Security				
Per Employee, per Card		\$0.71		
Card Access Per Employee, per Office		\$3.88		
Central Office Security Infrastructure		ICB	ICB	
Central Office Clock Synchronization				
Synchronization - Composite Clock, per Port		\$4.83		
Space Availability Report, per Office			\$329.08	
		Recurring	Non-Recurring	Notes
Virtual Collocation				
Quote Preparation Fee			\$1,381.54	
Augment QPF			\$345.00	
Maintenance Labor, per half hour				
Regular Hours Rate			\$27.60	
After Hours Rate			\$36.93	
Training Labor, per half hour				
Regular Hours Rate			\$27.60	
Equipment Bay -recurring, per shelf		\$1.77		
Engineering Labor, per half hour				
Regular Hours Rate			\$29.78	
After Hours Rate			\$38.44	
Installation Labor, per half hour				
Regular Hours Rate			\$31.47	
After Hours Rate			\$40.52	
Floor Space Lease, per square foot		\$3.26		
-48 Volt DC Power Cable, per Feed				
20 Amp Feed		\$4.37	\$2,990.13	
30 Amp Feed		\$5.15	\$3,521.53	
40 Amp Feed		\$6.55	\$4,481.18	
60 Amp Feed		\$8.15	\$5,577.68	
100 Amp Feed		\$22	\$133.28	
200 Amp Feed		\$0.35	\$208.78	
300 Amp Feed		\$0.48	\$288.33	
400 Amp Feed		\$0.62	\$372.89	
		Recurring	Non-Recurring	Notes
Cageless Physical Collocation				
Quotation Preparation Fee			\$1,381.54	
Augment QPF			\$345.00	
Site Preparation Fee		ICB	ICB	
Space Construction for 2 Bays and 1 - 40 A Power Feed		\$24.52	\$16,781.29	
Space Construction Adjustment for 20A Initial Power Fee		(\$2.18)	(\$1,491.05)	
Space Construction Adjustment for 30A Initial Power Fee		(\$1.40)	(\$959.65)	
		Included in Space Construction		
Space Construction Adjustment for 40A Initial Power Fee		\$1.60	\$1,096.50	
Space Construction Adjustment for 60A Initial Power Fee		\$2.85	\$1,952.68	
Space Construction Adjustment for Each Additional Bay				
Additional DC Power Feed - Does not apply to Initial Feed				

Arizona Dial Tone
Arizona
New Rates

Each Additional 20A Power Feed		\$4.37	\$2,990.13	
Each Additional 30A Power Feed		\$5.15	\$3,521.53	
Each Additional 40A Power Feed		\$6.55	\$4,481.18	
Each Additional 60A Power Feed		\$8.15	\$5,577.68	
Floor Space Lease, per Square Foot		\$3.26		
Humidification, per Leased Physical Space		\$28.03		
-48 Volt DC Power Cable, per Foot, Per A and B Feeder				
100 Amp Feed		\$.22	\$133.28	
200 Amp Feed		\$.35	\$208.78	
300 Amp Feed		\$.48	\$288.33	
400 Amp Feed		\$.62	\$372.89	
		Recurring	Non-Recurring	Notes
Caged Physical Collocation				
Quotation Preparation Fee			\$1,381.54	
Augment QFF			\$345.00	
Site Preparation Fee		ICB	ICB	
Space Construction				
Cage - Up to 100 Sq Ft		\$42.61	\$29,160.37	
Cage - 101 Sq Ft to 200 Sq Ft		\$44.49	\$30,444.34	
Cage - 201 Sq Ft to 300 Sq Ft		\$46.22	\$31,627.56	
Cage - 301 Sq Ft to 400 Sq Ft		\$48.41	\$33,132.10	
Space Construction Adjustment for 20A Initial Power Feed		(\$3.85)	(\$2,635.16)	
Space Construction Adjustment for 30A Initial Power Fee		(\$3.19)	(\$2,180.72)	
Space Construction Adjustment for 40A Initial Power Fee		(\$1.84)	(\$1,257.28)	
		Included in Space Construction		
Space Construction Adjustment for 60A Initial Power Fee		(\$.62)	(\$426.33)	
Space Construction Adjustment for 100A Initial Power Fee		\$5.82	\$3,982.26	
Space Construction Adjustment for 200A Initial Power Fee		\$13.31	\$9,108.08	
Space Construction Adjustment for 300A Initial Power Fee		\$22.31	\$15,270.48	
Additional DC Power Feeds - Does not apply to Initial Feed				
Each Additional 20A Power Feed		\$4.78	\$3,273.13	
Each Additional 30A Power Feed		\$5.45	\$3,727.57	
Each Additional 40A Power Feed		\$6.80	\$4,651.01	
Each Additional 60A Power Feed		\$8.63	\$5,908.29	
Each Additional 100A Power Feed		\$8.01	\$5,481.97	
Each Additional 200A Power Feed		\$14.45	\$9,890.55	
Each Additional 300A Power Feed		\$21.94	\$15,016.37	
Each Additional 400A Power Feed		\$30.95	\$21,178.77	
Floor Space Lease, per Square Foot		\$3.26		
Grounding				
2/0 AWG - per foot		\$.00899	\$6.15	
1/0 AWG - per foot		\$.01728	\$11.83	
4/0 AWG - per foot		\$.01996	\$13.66	
350 kcmil - per foot		\$.02948	\$20.17	
500 kcmil - per foot		\$.0328	\$22.45	
750 kcmil - per foot		\$.05077	\$34.75	
Humidification, per Leased Physical Space		\$28.03		
		Recurring	Non-Recurring	Notes
Adjacent Collocation			ICB	
Remote Collocation				
Physical Remote Collocation				
Space (per Standard Mounting Unit)		\$.46	\$294.99	
FDI Terminations (per binder group)		\$.62	\$420.90	
Power			See Collocation Rates	
Adjacent Remote Collocation			ICB	
Adjacent Remote Collocation (New)				
Virtual Remote Collocation				
Space		\$.46	\$294.99	
FDI Terminations (per binder group)		\$.62	\$420.90	
Power			See Collocation Rates	
		Recurring	Non-Recurring	Notes
CLEC to CLEC Connections				
Design Engineering & Installation - No Cables			\$771.86	
Cable Racking, Per Foot				
DSO		\$.09662		

Arizona Dial Tone
Arizona
New Rates

DS1		\$.10353		
DS3		\$.08753		
Virtual Connection (if applicable - connections only NO CABLES)				
DS0 (Per 100 Connections)			\$171.05	
DS1 (Per 28 Connections)			\$81.66	
DS3 (Per 1 Connection)			\$4.51	
Cable Hole (if Applicable)			\$355.71	
CLEC to CLEC Cross Connection			\$244.82	
		Recurring	Non-Recurring	Notes
Unbundled Network Elements (UNEs)				
Interconnection Tie Pairs (ITP) - Per Termination				
DS0		\$.36		
DS1 Per each Termination		\$.85		
DS3 Per each Termination		\$8.06		
		Recurring	Non-Recurring	Notes
Unbundled Loops				
Analog Loops				
2-Wire Voice Grade				See Installation options, Section 9.2.4
Zone 1		\$9.05		
Zone 2		\$14.84		
Zone 3		\$36.44		
4-Wire Voice Grade				See Installation options, Section 9.2.4
Zone 1		\$11.77		
Zone 2		\$19.29		
Zone 3		\$47.37		
Non-loaded Loops				
2-wire Non-loaded Loop				See Installation options, Sections 9.2.4 and See also Section 9.2.2.3
Zone 1		\$9.05		
Zone 2		\$14.84		
Zone 3		\$36.44		
4-wire Non-loaded Loop				See Installation options, Sections 9.2.4 and See also Section 9.2.2.3
Zone 1		\$11.77		
Zone 2		\$19.29		
Zone 3		\$47.37		
Unbundled Loop Grooming (2 Wire)		\$.37		
Unbundled Loop Grooming (4 Wire)		\$.85		
Cable Unloading/Bridge Tap Removal				
Under 18,000 feet, per loop			\$40.00	
Above 18,000 feet, per location (for ariel and buried)			\$70.00	
Above 18,000 feet, per location (for underground)			\$400.00	
Above 18,000 feet, each additional coil or tap at the same time & location & cable			\$2.00	
Digital Capable Loops				
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		\$9.05		
Zone 2		\$14.84		
Zone 3		\$36.44		
DS1 Capable Loop				See Installation options, Sections 9.2.5
Zone 1		\$67.39		
Zone 2		\$67.86		
Zone 3		\$76.06		
DS3 Capable Loop				See Installation options, Sections 9.2.6
Zone 1		\$739.07		
Zone 2		\$749.77		
Zone 3		\$932.82		

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2-Wire Extension Technology		\$4.06		
2-Wire Extension Technology - Unbundled Loop Grooming		\$.37		
Loop Installation Charges for 2 and 4 wire analog, 2 and 4 wire non-loaded, ADSL Compatible, ISDN BRI Capable and xDSL - 1 Capable Loops where conditioning is not required. (Note: If conditioning is required, additional conditioning charges may apply as specified in Section 9.2.2.3 above).		See related monthly recurring Loop charges above.		
Basic Installation				
First Loop			\$53.86	
Each Additional			\$46.40	
Basic Installation with Performance Testing				
First Loop			\$117.30	
Each Additional			\$84.16	
Coordinated Installation with Cooperative Testing / Project Coordinated Installation (25 or more DS0 Unbundled Loops)				
First Loop			\$141.67	
Each Additional			\$84.16	
Coordinated Installation without Cooperative Testing / Project Coordinated Installation (25 or more DS0 Unbundled Loops)				
First Loop			\$58.18	
Each Additional			\$50.73	
Basic Install with Cooperative Testing				
First Loop			\$117.30	
Each Additional			\$84.16	
		See related monthly recurring Loop charges above.		
DS1 Loop Installation Charges				
Basic Installation				
First Loop			\$87.93	
Each Additional			\$67.58	
Basic Installation with Performance Testing				
First Loop			\$169.69	
Each Additional			\$124.27	
Coordinated Installation with Cooperative Testing / Project Coordinated Installation				
First Loop			\$194.07	
Each Additional			\$124.27	
Coordinated Installation without Cooperative Testing / Project Coordinated Installation				
First Loop			\$93.49	
Each Additional			\$73.14	
Basic Install With Cooperative Testing				
First Loop			\$169.69	
Each Additional			\$124.27	
		See related monthly recurring Loop charges above.		
DS3 Loop Installation Charges				
Basic Installation				
First Loop			\$87.93	
Each Additional			\$67.58	
Basic Installation with Performance Testing				
First Loop			\$169.69	
Each Additional			\$124.27	
Coordinated Installation with Cooperative Testing / Project Coordinated Installation				
First Loop			\$194.07	
Each Additional			\$124.27	
Coordinated Installation without Cooperative Testing / Project Coordinated Installation				
First Loop			\$93.49	
Each Additional			\$73.14	
Basic Install With Cooperative Testing				
First Loop			\$169.69	
Each Additional			\$124.27	
		Recurring	Non-Recurring	Notes
Subloop				
2 Wire Distribution Loop				
Install 2 Wire, First			\$20.86	
Each Additional			\$20.86	
Zone 1		\$4.33		
Zone 2		\$9.39		

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Zone 3		\$25.41			
2 Wire Disconnect at the FDI				\$20.07	
Intrabuilding Cable, Per Pair		\$2955			
DS1 Capable Feeder Loop					
First Loop				\$17.81	
Each Additional				\$17.81	
DS1 Capable Feeder Loop					
Zone 1		\$57.51			
Zone 2		\$57.98			
Zone 3		\$66.16			
Channelized DS1 Virtual Feeder to RT Disconnect				\$13.88	
Trouble Isolation Charge		See MSC Charges			
Field Connection Point					
Feasibility Fee/Quote Preparation fee				\$1,609.81	
Construction Fee				ICB	
OSS		Under Development			
		Recurring	Non-Recurring		Notes
Line Sharing					
Shared Loop, per Loop		\$2.42	\$37.54		
OSS - Per Line - Per Month		\$.10			
Reclassification Charge			ICB		
Splitter Shelf Charge		\$4.26	\$408.37		
Splitter TIE Cable Connections					
Splitter in the Common Area-Data to 410 block		\$2.94	\$2,013.23		
Splitter in the Common Area-Data direct to CLEC		\$3.07	\$2,097.79		
Splitter on the IDF-Data to 410 block		\$1.02	\$696.64		
Splitter on the IDF-Data direct to CLEC		\$1.84	\$1,260.56		
Splitter on the MDF-Data to 410 block		\$1.04	\$710.94		
Splitter on the MDF-Data direct to CLEC		\$2.16	\$1,479.92		
Engineering			\$560.00		
Existing bay			\$120.00		
		Recurring	Non-Recurring		Notes
Network Interface Device (NID)			\$38.68		
Zone 1		\$.60			
Zone 2		\$.63			
Zone 3		\$.64			
		Recurring Fixed	Recurring Per Mile	Non-Recurring	Notes
Unbundled Dedicated Interoffice Transport (UDIT)					
DS0 UDIT				\$7.60	
DS0 Over 0 to 8 Miles	\$52.27	\$0.00			
DS0 Over 8 to 25 Miles	\$52.27	\$0.00			
DS0 Over 25 to 50 Miles	\$52.27	\$0.00			
DS0 Over 50 Miles	\$52.27	\$0.00			
DS0 Interoffice Transport - Disconnect				\$.53	
DS1 UDIT				\$7.60	
DS1 Over 0 to 8 Miles	\$35.98	\$.65			1XRC
DS1 Over 8 to 25 Miles	\$35.99	\$.94			1XRC
DS1 Over 25 to 50 Miles	\$36.00	\$1.75			1XRC
DS1 Over 50 Miles	\$36.00	\$1.59			1XRC
DS1 Interoffice Transport - Disconnect				\$.53	
DS3 UDIT				\$7.60	
DS3 Over 0 to 8 Miles	\$243.17	\$13.32			1XRC
DS3 Over 8 to 25 Miles	\$246.16	\$15.90			1XRC
DS3 Over 25 to 50 Miles	\$250.66	\$22.91			1XRC
DS3 Over 50 Miles	\$249.26	\$22.49			1XRC
DS3 Interoffice Transport - Disconnect				\$.53	
OC-3 UDIT				\$7.60	
OC-3 Over 0 to 8 Miles	\$643.77	\$202.00			
OC-3 Over 8 to 25 Miles	\$648.75	\$64.95			
OC-3 Over 25 to 50 Miles	\$621.82	\$84.55			
OC-3 Over 50 Miles	\$639.09	\$59.87			
OC-3 Interoffice Transport - Disconnect				\$.53	
OC-12 UDIT				\$7.60	
OC-12 Over 0 to 8 Miles	\$1,805.35	\$96.02			
OC-12 Over 8 to 25 Miles	\$1,805.35	\$92.91			
OC-12 Over 25 to 50 Miles	\$1,805.35	\$104.87			
OC-12 Over 50 Miles	\$1,805.35	\$119.94			

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OC-12 Interoffice Transport - Disconnect			\$.53	
OC-48 UDIT			Under Development	
OC-48 Over 0 to 8 Miles	Under Development	Under Development		
OC-48 Over 8 to 25 Miles	Under Development	Under Development		
OC-48 Over 25 to 50 Miles	Under Development	Under Development		
OC-48 Over 50 Miles	Under Development	Under Development		
DS0 UDIT Low Side Channelization				
Low Side Channel Performance		\$11.32		
Low Side Channel Performance with Multiplexing		\$7.22		
Extended Unbundled Dedicated Transport		See UDIT Rates	See UDIT Rates	
Multiplexing				
DS3 to DS1		\$228.05		
DS1 to DS0		\$206.95		
UDIT M1-3 Multiplexing			\$2,524.01	
DS1 to DS0 Multiplexing High side, Per system			\$268.84	
DS1 to DS0 Multiplexing Low Side, Per Channel			\$235.59	
UDIT Rearrangement				
DS0 Rearrangement Dual Office			\$215.19	
DS0 Rearrangement Single Office			\$173.14	
HICAP Rearrangement Dual Office			\$261.31	
HICAP Rearrangement Single Office			\$234.17	
Initial Records Inquiry (IRI)				
Simple			\$156.67	
Complex			\$199.77	
Field Verification and Quote Preparation (FVQP)			\$1,459.05	
Field Verification (Engineering Verification)			Under Development	
UDF-IOF Charges				
Order Charge per 1st Pair or Strand/Route/Order			\$553.66	
Order Charge ea. Addl. Pair or Strand /Same Route			\$267.08	
Termination, Fixed Per Pair/Office		\$6.65		
Fiber Transport, per Mile / Pair		\$81.60		
Fiber Cross-Connect Per Pair		\$3.96	\$8.64	
Fiber Disconnect			\$9.44	
UDF-Loop Charges				
Order Charge per 1st Pair or Strand /Route/Order			\$553.66	
Order Charge each. Addl. Pair or Strand/Same Route			\$267.08	
Termination, Fixed Per Pair/Office		\$6.80		
Termination, Fixed Per Pair/Prem		\$6.30		
Fiber Loop, per Route/Per Pair		\$122.02		
Fiber Cross-Connect Per Pair		\$3.96	\$8.64	
Fiber Disconnect			\$9.44	
		Recurring	Non-Recurring	Notes
Shared Transport Per Minute of Use		\$.001573		
		Recurring	Non-Recurring	Notes
Unbundled Customer Controlled Rearrangement Element (UCCRE)				
DS1 Port		ICB	ICB	
DS3 Port		ICB	ICB	
Dial Up Access		ICB		
Attendant Access		ICB		
Virtual Ports			ICB	
		Recurring	Non-Recurring	Notes
Local Tandem Switching				
DS1 Local Message Trunk Port - Per Order		\$59.28	\$17.81	
DS1 Local Message Trunk Port - Disconnect			\$13.12	
DS1 Trunk Group - First Trunk - Per Order			\$210.14	
DS1 Trunk Group - Each Additional Trunk - Per Order			\$24.38	
Per Minute of Use		\$.00055		
		Recurring	Non-Recurring	Notes
Local Switching				
Local Switching - TELRIC Based Rates				
Analog Line Side Port, First Port		\$2.44	\$42.58	2XRC
Analog Line Side Port, Each Additional		\$2.44	\$42.58	2XRC
Vertical Features				
10XXX Direct Dialed Blocking		\$0.00		
Account Codes - per system		\$0.00	\$78.60	

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Attendant Access Line - per station line		\$0.00	\$1.14
Audible Message Waiting		\$0.00	\$.99
Authorization Codes - per system		\$0.00	\$235.06
Auto Callback		\$0.00	
Automatic Line		\$0.00	\$.34
Automatic Route Selection - Common Equip. per system		\$0.00	\$2,062.41
Blocking of pay per call services		\$0.00	
Bridging		\$0.00	
Call Drop		\$0.00	\$.34
Call Exclusion - Automatic		\$0.00	\$.99
Call Exclusion - Manual		\$0.00	\$.66
Call Forward Don't Answer - All Calls		\$0.00	
Call Forwarding Incoming Only		\$0.00	
Call Forwarding Intra Group Only		\$0.00	
Call Forwarding Variable Remote		\$0.00	
Call Forwarding: Busy Line (Expanded)		\$0.00	
Call Forwarding: Busy Line (External)		\$0.00	
Call Forwarding: Busy Line (External) Don't Answer		\$0.00	
Call Forwarding: Busy Line (Overflow)		\$0.00	
Call Forwarding: Busy Line (Overflow) Don't Answer		\$0.00	
Call Forwarding: Busy Line (Programmable)		\$0.00	
Call Forwarding: Busy Line/Don't Answer Programmable Svc.			
Establishment			\$15.39
CF DON'T ANSWER/CF BUSY CUSTOMER PROGRAMMABLE - PER LINE			\$.99
Call Forwarding: Busy Line/Don't Answer (Expanded)	\$0.00		\$37.25
Call Forwarding: Don't Answer	\$0.00		\$37.25
Call Forwarding: Don't Answer (Expanded)	\$0.00		
Call Forwarding: Don't Answer (Programmable)	\$0.00		
Call Forwarding: Variable	\$0.00		
Call Forwarding: Variable - no call complete option	\$0.00		
Call Hold	\$0.00		
Call Hold/3-Way/Call Transfer	\$0.00		
Call Park (Basic - Store & Retrieve)	\$0.00		
Call Pickup	\$0.00		
Call Transfer	\$0.00		
Call Waiting Dial Originating	\$0.00		
Call Waiting Indication - per timing state	\$0.00		\$.99
Call Waiting Originating	\$0.00		
Call Waiting Terminating - All Calls	\$0.00		
Call Waiting Terminating - Incoming Only	\$0.00		
Call Waiting/ Cancel Call Waiting	\$0.00		
CENTREX COMMON EQUIPMENT			\$1,184.89
Centrex Management System (CMS)	\$0.00		
Centrex Plus DID numbers per number	\$0.00		
Centrex Plus to Centrex Plus	\$0.00		
Centrex Plus to IC Carrier	\$0.00		
Centrex Plus to PBX/Key Blocked	\$0.00		
Centrex Plus to PBX/Key Non-Blocked	\$0.00		
CFBL - All Calls	\$0.00		
CFBL - Incoming Only	\$0.00		\$37.25
CFDA Incoming Only	\$0.00		\$37.25
CLASS - Anonymous Call Rejection	\$0.00		
CLASS - Call Waiting ID	\$0.00		
CLASS - Calling Name & Number	\$0.00		
CLASS - Calling Number Delivery	\$0.00		
CLASS - Calling Number Delivery - Blocking	\$0.00		
CLASS - Continuous Redial	\$0.00		\$1.24
CLASS - Last Call Return	\$0.00		\$1.25
CLASS - Priority Calling	\$0.00		\$1.18
CLASS - Selective Call Forwarding	\$0.00		\$1.24
CLASS - Selective Call Rejection	\$0.00		\$1.18
Common Equipment per 1.544 Mbps facility (DS1)	\$0.00		
Conference Calling - Meet Me	\$0.00		\$41.72
Conference Calling - Preset	\$0.00		\$41.72
Custom Ringing First Line (Short/Long/Short)	\$0.00		
Custom Ringing First Line (Short/Short)	\$0.00		
Custom Ringing First Line (Short/Short/Long)	\$0.00		
Custom Ringing Second Line (Short/Long/Short)	\$0.00		
Custom Ringing Second Line (Short/Short)	\$0.00		
Custom Ringing Second Line (Short/Short/Long)	\$0.00		
Custom Ringing Third Line (Short/Long/Short)	\$0.00		
Custom Ringing Third Line (Short/Short)	\$0.00		

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Custom Ringing Third Line (Short/Short/Long)		\$0.00	
Data Call Protection (DMS 100)		\$0.00	
Dir Sta Sel/Busy Lamp Fld per arrangement		\$0.00	\$.34
Directed Call Pickup with Barge-in		\$0.00	\$19.81
Directed Call Pickup without Barge-in		\$0.00	\$19.81
Distinctive Ring/Distinctive Call Waiting		\$0.00	\$39.60
Distinctive Ringing		\$0.00	
EBS - Set Interface - per station line		\$0.00	
Executive Busy Override		\$0.00	
Expensive Route Warning Tone- per system		\$0.00	\$70.64
Facility Restriction Level - per system		\$0.00	\$43.46
Feature Display		\$0.00	
Group Intercom		\$0.00	\$.45
Hot Line - per line		\$0.00	\$.99
Hunting: Multiposition Circular Hunting		\$0.00	
Hunting: Multiposition Hunt Queuing		\$0.00	\$37.90
Hunting: Multiposition Series Hunting		\$0.00	
Hunting: Multiposition with Announcement in Queue		\$0.00	\$37.90
Hunting: Multiposition with Music in Queue		\$0.00	\$40.03
Incoming Calls Barred		\$0.00	
International Direct Dial Blocking		\$0.00	
ISDN Short Hunt		\$0.00	\$1.67
Line Side Answer Supervision		\$0.00	
Loudspeaker Paging - per trunk group		\$0.00	\$173.41
Make Busy Arrangements - per group		\$0.00	\$.66
Make Busy Arrangements - per line		\$0.00	\$.66
Message Center - per main station line		\$0.00	\$.34
Message Waiting Indication Audible/Visual		\$0.00	
Message Waiting Visual		\$0.00	\$.34
Music On Hold - per system		\$0.00	\$22.72
Network Speed Call		\$0.00	
Night Service Arrangement		\$0.00	
Outgoing Calls Barred		\$0.00	
Outgoing Trunk Queuing		\$0.00	
Privacy Release		\$0.00	\$.47
Query Time		\$0.00	\$.34
Speed Calling 1 Digit Controller		\$0.00	
Speed Calling 1 Digit User		\$0.00	
Speed Calling 1# List Individual		\$0.00	
Speed Calling 2 Digit Controller		\$0.00	
Speed Calling 2 Digit User		\$0.00	
Speed Calling 2# List Individual		\$0.00	
Speed Calling 30 Number		\$0.00	
Speed Calling 8 Number		\$0.00	
Station Camp-On Service - per main station		\$0.00	\$.34
Station Dial Conferencing (6 Way)		\$0.00	
Station Message Detail Recording (SMDR)		\$0.00	
Three Way Calling		\$0.00	
Time and Date Display		\$0.00	
Time of Day Control for ARS - per system		\$0.00	\$123.60
Time of Day NCOS Update		\$0.00	\$.53
Time of Day Routing - per line		\$0.00	\$.51
Toll Restriction Service		\$0.00	
Trunk Answer Any Station		\$0.00	
Trunk Verification from Designated Station		\$0.00	\$.39
UCD in hunt group - per line		\$0.00	\$.66
UCD with Music After Delay		\$0.00	
CMS - SYSTEM ESTABLISHMENT - INITIAL INSTALLATION			\$954.41
CMS - SYSTEM ESTABLISHMENT - SUBSEQUENT INSTALLATION			\$477.21
CMS - PACKET CONTROL CAPABILITY, PER SYSTEM			\$477.21
SMDR-P - SERVICE ESTABLISHMENT CHARGE, INITIAL INSTALLATION			\$333.29
SMDR-P - ARCHIVED DATA			\$174.16
CLASS- Call Trace (per Occurrence)	\$2.35		\$0.00
Feature Change			\$.28
Subsequent Order Charge			\$13.33
Digital Line Side Port (Supporting BRI ISDN)			
First Port	\$10.38		\$215.49
Each Additional Port	\$10.38		\$215.49
Digital Trunk Ports			
DS1 Local Message Trunk Port	\$55.97		\$17.81
Disconnect			\$13.12
Message Trunk Group, First Trunk	\$15.50		\$205.44

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Message Trunk Group, Each Additional		\$15.50	\$49.94	
DS1 PRI ISDN Trunk Port		\$224.74	\$637.08	
DID / PBX Trunk Port per DS0		\$3.32	\$208.98	
DS0 Analog Trunk Port				
First Port		\$16.98	\$120.93	
Each Additional		\$16.98	\$28.07	
Local Usage, per Minute of Use		\$0.0097		2XRC
Local Switching - Market Based Rates		Under Development	Under Development	
Analog Line Side Port, First Port		\$4.21	Under Development	
Analog Line Side Port, Each Additional		\$4.21	Under Development	
10XXX Direct Dialed Blocking		\$3.58		
Account Codes - per system		\$11.06	Under Development	
Attendant Access Line - per station line		\$3.58	Under Development	
Audible Message Waiting		\$3.63	Under Development	
Authorization Codes - per system		\$6.75	Under Development	
Auto Callback		\$3.58		
Automatic Line		\$3.57	Under Development	
Automatic Route Selection - Common Equip. per system		\$2.20	Under Development	
Blocking of pay per call services		\$3.60		
Bridging		\$3.57		
Call Drop		\$3.57	Under Development	
Call Exclusion - Automatic		\$3.57	Under Development	
Call Exclusion - Manual		\$3.57	Under Development	
Call Forward Don't Answer - All Calls		\$3.63		
Call Forwarding Incoming Only		\$3.58		
Call Forwarding Intra Group Only		\$3.58		
Call Forwarding Variable Remote		\$6.61		
Call Forwarding: Busy Line (Expanded)		\$6.18		
Call Forwarding: Busy Line (External)		\$3.59		
Call Forwarding: Busy Line (External) Don't Answer		\$3.65		
Call Forwarding: Busy Line (Overflow)		\$3.59		
Call Forwarding: Busy Line (Overflow) Don't Answer		\$3.65		
Call Forwarding: Busy Line (Programmable)		\$3.60		
Call Forwarding: Busy Line/Don't Answer Programmable Svc. Establishment			Under Development	
CF DONT ANSWER/CF BUSY CUSTOMER PROGRAMMABLE - PER LINE			Under Development	
Call Forwarding: Busy Line/Don't Answer (Expanded)		\$3.65	Under Development	
Call Forwarding: Don't Answer		\$6.98	Under Development	
Call Forwarding: Don't Answer (Expanded)		\$3.63		
Call Forwarding: Don't Answer (Programmable)		\$3.63		
Call Forwarding: Variable		\$3.60		
Call Forwarding: Variable - no call complete option		\$3.60		
Call Hold		\$3.58		
Call Hold/3-Way/Call Transfer		\$3.83		
Call Park (Basic - Store & Retrieve)		\$3.59		
Call Pickup		\$3.58		
Call Transfer		\$4.64		
Call Waiting Dial Originating		\$3.58		
Call Waiting Indication - per timing state		\$3.97	Under Development	
Call Waiting Originating		\$3.59		
Call Waiting Terminating - All Calls		\$3.62		
Call Waiting Terminating - Incoming Only		\$3.62		
CENTREX COMMON EQUIPMENT			Under Development	
Call Waiting/ Cancel Call Waiting		\$5.79		
Centrex Management System (CMS)		\$4.10		
Centrex Plus DID numbers per number		\$3.62		
Centrex Plus to Centrex Plus		\$8.99		
Centrex Plus to IC Carrier		\$8.99		
Centrex Plus to PBX/Key Blocked		\$8.99		
Centrex Plus to PBX/Key Non-Blocked		\$8.99		
CFBL - All Calls		\$3.59		
CFBL - Incoming Only		\$3.59	Under Development	
CFDA Incoming Only		\$3.58	Under Development	
CLASS - Anonymous Call Rejection		\$3.84		
CLASS - Call Waiting ID		\$3.61		
CLASS - Calling Name & Number		\$6.14		
CLASS - Calling Number Delivery		\$5.79		
CLASS - Calling Number Delivery - Blocking		\$3.85		
CLASS - Continuous Redial		\$2.70	Under Development	
CLASS - Last Call Return		\$2.32	Under Development	
CLASS - Priority Calling		\$2.70	Under Development	
CLASS - Selective Call Forwarding		\$2.70	Under Development	

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CLASS - Selective Call Rejection		\$3.48	Under Development
Common Equipment per 1.544 Mbps facility (DS1)		\$63.84	
Conference Calling - Meet Me		\$18.10	Under Development
Conference Calling - Preset		\$14.18	Under Development
Custom Ringing First Line (Short/Long/Short)		\$3.59	
Custom Ringing First Line (Short/Short)		\$3.59	
Custom Ringing First Line (Short/Short/Long)		\$3.59	
Custom Ringing Second Line (Short/Long/Short)		\$3.59	
Custom Ringing Second Line (Short/Short)		\$3.59	
Custom Ringing Second Line (Short/Short/Long)		\$3.59	
Custom Ringing Third Line (Short/Long/Short)		\$3.58	
Custom Ringing Third Line (Short/Short)		\$3.58	
Custom Ringing Third Line (Short/Short/Long)		\$3.58	
Data Call Protection (DMS 100)		\$3.57	
Dir Sta Sel/Busy Lamp Fld per arrangement		\$5.33	Under Development
Directed Call Pickup with Barge-in		\$3.68	Under Development
Directed Call Pickup without Barge-in		\$3.60	Under Development
Distinctive Ring/Distinctive Call Waiting		\$3.59	Under Development
Distinctive Ringing		\$3.59	
EBS - Set Interface - per station line		\$4.95	
Executive Busy Override		\$3.58	
Expensive Route Warning Tone- per system		\$3.57	Under Development
Facility Restriction Level - per system		\$3.57	Under Development
Feature Display		\$3.57	
Group Intercom		\$3.66	Under Development
Hot Line - per line		\$3.13	Under Development
Hunting: Multiposition Circular Hunting		\$3.77	
Hunting: Multiposition Hunt Queuing		\$3.73	Under Development
Hunting: Multiposition Series Hunting		\$3.77	
Hunting: Multiposition with Announcement in Queue		\$6.70	Under Development
Hunting: Multiposition with Music in Queue		\$4.64	Under Development
Incoming Calls Barred		\$3.58	
International Direct Dial Blocking		\$3.59	
ISDN Short Hunt		\$4.08	Under Development
Line Side Answer Supervision		\$3.59	
Loudspeaker Paging - per trunk group		\$25.46	Under Development
Make Busy Arrangements - per group		\$3.86	Under Development
Make Busy Arrangements - per line		\$3.65	Under Development
Message Center - per main station line		\$3.57	Under Development
Message Waiting Indication Audible/Visual		\$3.63	
Message Waiting Visual		\$3.63	Under Development
Music On Hold - per system		\$23.37	Under Development
Network Speed Call		\$3.57	
Night Service Arrangement		\$3.58	
Outgoing Calls Barred		\$3.58	
Outgoing Trunk Queuing		\$3.63	
Privacy Release		\$3.58	Under Development
Query Time		\$3.75	Under Development
Speed Calling 1 Digit Controller		\$3.58	
Speed Calling 1 Digit User		\$3.58	
Speed Calling 1# List Individual		\$3.58	
Speed Calling 2 Digit Controller		\$3.58	
Speed Calling 2 Digit User		\$3.58	
Speed Calling 2# List Individual		\$3.58	
Speed Calling 30 Number		\$3.58	
Speed Calling 8 Number		\$3.58	
Station Camp-On Service - per main station		\$12.01	Under Development
Station Dial Conferencing (6 Way)		\$8.71	
Station Message Detail Recording (SMDR)		\$3.67	
Three Way Calling		\$6.59	
Time and Date Display		\$3.68	
Time of Day Control for ARS - per system		\$3.57	Under Development
Time of Day NCOS Update		\$3.58	Under Development
Time of Day Routing - per line		\$3.63	Under Development
Toll Restriction Service		\$3.58	
Trunk Answer Any Station		\$3.58	
Trunk Verification from Designated Station		\$3.57	Under Development
UCD in hunt group - per line		\$11.73	Under Development
UCD with Music After Delay		\$8.95	
CMS - SYSTEM ESTABLISHMENT - INITIAL INSTALLATION			Under Development
CMS - SYSTEM ESTABLISHMENT - SUBSEQUENT INSTALLATION			Under Development
CMS - PACKET CONTROL CAPABILITY, PER SYSTEM			Under Development

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SMDR-P - SERVICE ESTABLISHMENT CHARGE, INITIAL INSTALLATION			Under Development	
SMDR-P - ARCHIVED DATA			Under Development	
CLASS- Call Trace (per Occurrence)			Under Development	
Subsequent Order Charge			Under Development	
Digital Line Side Port (Supporting BRI ISDN)				
First Port		Under Development	Under Development	
Each Additional Port			Under Development	
Digital Trunk Ports				
DS1 PRI ISDN Trunk Port		Under Development	Under Development	
Local Switching - Market Based Rates		\$.0186		
		Recurring	Non-Recurring	Notes
Customized Routing				
Development of Custom Line Class Code - Directory Assistance or Operator Services Routing Only			\$310.28	
Installation Charge, per Switch Directory Assistance or Operator Service Routing Only			\$227.29	
All Other Custom Routing			ICB	
Common Channel Signaling/SS7				
CCSAC STP Port		\$245.27	\$432.49	
CCSAC Options Activation Charge				
Basic Translations				
First Activation, per Order			\$113.29	
Each Additional Activation, per Order			\$9.41	
CCSAC Options Database Translations				
First Activation per Order			\$132.11	
Each additional Activation per Order			\$56.44	
Signal Formulation, ISUP, Per Call Set-Up Request		\$.001991		
Signal Transport, ISUP, Per Call Set-Up Request		\$.001292		
Signal Transport, TCAP, per Data Request		\$.000286		
Signal Switching, ISUP, Per Call Set-Up Request		\$.000903		
Signal Switching, TCAP, Per Data Request		\$.000565		
SCP per message		\$.00021		
		Recurring	Non-Recurring	Notes
Advanced Intelligent Network (AIN)				
AIN Customized Services (ACS)			ICB	
AIN Platform Access (APA)		ICB	ICB	
AIN Query Processing, per Query		ICB		
		Recurring	Non-Recurring	Notes
Line Information Database (LIDB)				
LIDB Storage			No Charge	
Line Validation Administration System Access (LVAS)				
LIDB Line Record Initial Load				
Up to 20,000 Line Records			\$2,601.00	
Over 20,000 Line Records			ICB	
Mechanized Service Account Update, per Addition or Update Processed			ICB	
Individual Line Record Audit			ICB	
Account Group Audit			ICB	
Expedited Request Charge for Manual Updates			ICB	
LIDB Query Service, per Query		\$.00092685		
Fraud Alert Notification, per Alert		No Charge		
		Recurring	Non-Recurring	Notes
8XX Database Query Service				
Basic Query, per Query		\$.01972155		
POTS Translation		\$.00000054		
Call Handling & Destination Feature		\$.00000162		
		Recurring	Non-Recurring	Notes
ICNAM, Per Query		\$.00082156		
		Recurring	Non-Recurring	Notes

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First			\$18.52	
Each Additional			\$3.08	
UNE-P New Connection Non-Recurring Charges				
UNE-P POTS Mechanized				
First			\$33.89	
Each Additional			\$9.72	
UNE-P POTS Manual				
First			\$50.32	
Each Additional			\$11.30	
UNE - P PRI Configurations				
UNE-P PRI Dedicated PRI 23+D			\$680.72	
UNE-P PRI Dedicated PRI 24			\$652.98	
UNE-P PRI Dedicated PRI 23B+Back-Up D Configuration-5E			\$657.27	
UNE Combination Private Line				
DS0/DS1/DS3/OCN/Integrated T-1 Existing Service			\$40.32	
Enhanced Extended Loop (EEL)				
EEL DS0 2-Wire				
DS0 2/4 Wire, Install			\$6.50	
Migration			\$18.88	
Disconnect			\$5.98	
Zone 1		\$9.05		
Zone 2		\$14.84		
Zone 3		\$36.44		
EEL DS0 4-Wire				
DS0 2/4 Wire, Install			\$6.50	
Migration			\$18.88	
Disconnect			\$5.98	
Zone 1		\$11.77		
Zone 2		\$19.29		
Zone 3		\$47.37		
DS1 EEL				
DS1 Wire, Install			\$6.79	
Migration			\$19.12	
Disconnect			\$6.56	
Zone 1		\$67.39		
Zone 2		\$67.86		
Zone 3		\$76.06		
DS3 EEL				
DS3 Wire, Install			\$6.79	
Migration			\$19.12	
Disconnect			\$6.56	
Zone 1		\$739.07		
Zone 2		\$749.77		
Zone 3		\$932.82		
Private Line to EEL Conversion (a.k.a. UNE-Combination Private Line)			\$40.32	
EEL Transport				
DS0				
DS0 Over 0 to 8 Miles	\$52.27	\$0.00		
DS0 Over 8 to 25 Miles	\$52.27	\$0.00		
DS0 Over 25 to 50 Miles	\$52.27	\$0.00		
DS0 Over 50 Miles	\$52.27	\$0.00		
DS1				
DS1 Over 0 to 8 Miles	\$35.98	\$.65		1XRC
DS1 Over 8 to 25 Miles	\$35.99	\$.94		1XRC
DS1 Over 25 to 50 Miles	\$36.00	\$1.75		1XRC
DS1 Over 50 Miles	\$36.00	\$1.59		1XRC
DS3				
DS3 Over 0 to 8 Miles	\$243.17	\$13.32		1XRC
DS3 Over 8 to 25 Miles	\$246.16	\$15.90		1XRC
DS3 Over 25 to 50 Miles	\$250.66	\$22.91		1XRC
DS3 Over 50 Miles	\$249.26	\$22.49		1XRC
OC-3				
OC-3 Over 0 to 8 Miles	\$868.65	\$262.58		
OC-3 Over 8 to 25 Miles	\$875.83	\$75.28		
OC-3 Over 25 to 50 Miles	\$836.86	\$96.00		
OC-3 Over 50 Miles	\$867.72	\$60.02		
OC-12				
OC-12 Over 0 to 8 Miles	\$2,457.02	\$88.38		
OC-12 Over 8 to 25 Miles	\$2,457.02	\$93.78		
OC-12 Over 25 to 50 Miles	\$2,457.02	\$100.38		
OC-12 Over 50 Miles	\$2,457.02	\$118.80		
OC-48				
OC-48 Over 0 to 8 Miles	Under Development	Under Development		

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OC-48 Over 8 to 25 Miles	Under Development	Under Development		
OC-48 Over 25 to 50 Miles	Under Development	Under Development		
OC-48 Over 50 Miles	Under Development	Under Development		
Multiplexing				
Multiplexing DS1 to DS0		\$206.95		
Multiplexing DS3 to DS1		\$228.05		
DS1 Transport Mux			\$253.59	
DS3 Transport Mux			\$253.59	
DS0 Channel Performance				
DS0 Low Side Channelization		\$11.32		
DS1/DS0 MUX, Low Side Channelization		\$7.22		
Concentration Capability		ICB		
		Recurring	Non-Recurring	Notes
Unbundled Packet Switching				
Unbundled Packet Switch Customer Channel		\$22.98		
DSLAM Functionality		\$19.92		
Unbundled Packet Switch Customer Channel and CLEC Provided Subloop			\$59.07	
Unbundled Packet Switch Customer Channel and Unbundled Distribution Loop.			\$124.92	
Customer Channel and Shared Distribution Loop			\$59.07	
Unbundled Packet Switch Interface Port				
DS1		\$132.66	\$223.47	
DS3		\$204.34	\$223.47	
		Recurring	Non-Recurring	Notes
Ancillary Services				
		See FCC Tariff #1 Section 20.3.1 & 20.3.3		
Local Number Portability				
LNP Queries				
LNP Managed Cuts				
Standard Managed Cuts per person per 1/2 Hr.			\$27.31	
Overtime Managed Cuts per person per 1/2 Hr.			\$35.43	
Premium Managed Cuts per person per 1/2 Hr.			\$43.49	
		Recurring	Non-Recurring	Notes
911/E911		No Charge		
		Recurring	Non-Recurring	Notes
White Pages Directory Listings, Facility Based Providers				
Primary Listing		No Charge		
		General Exchange Tariff Rate, Less wholesale discount		
Premium/Privacy Listings				
		Recurring	Non-Recurring	Notes
Directory Assistance, Facility Based Providers				
Local Directory Assistance, Per Call		\$.34		
National Directory Assistance, per Call		\$.385		
Call Branding, Set- Up and Recording			\$10,500.00	
Loading Brand /Per Switch			\$175.00	
Call Completion Link, per call		\$.085		
		Recurring	Non-Recurring	Notes
Directory Assistance List Information				
Initial Database Load, per Listing		\$.025		
Reload of Database, per Listing		\$.02		
Daily Updates, per Listing		\$.025		
One-time Set-Up Fee, per Hour			\$82.22	
Media Charges for File Delivery				
Electronic Transmission		\$.001		
Tapes (charges only apply if this is selected as the normal delivery medium for daily updates) (per tape)		\$30.00		
Shipping Charges (for tape delivery)			ICB	

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	Recurring	Non-Recurring	Notes
Toll and Assistance Operator Services, Facility Based Providers,			
Option A - Per Message			
Operator Handled Calling Card	\$1.45		
Machine Handled Calling Card	\$.60		
Station Call	\$1.50		
Person Call	\$3.50		
Connect to Directory Assistance	\$.75		
Busy Line Verify, per Call	\$.72		
Busy Line Interrupt	\$.87		
Operator Assistance, per Call	\$.87		
Option B - Per Operator Work Second and Computer Handled Calls			
Operator Handled, per Operator Work Second	\$.181		
Machine Handled, per Call	\$.25		
Call Branding, Set-Up & Recording		\$10,500.00	
Loading Brand/Per Switch		\$175.00	
	Recurring	Non-Recurring	Notes
Access to Poles, Ducts, Conduits and Rights of Way			
Pole Inquiry Fee, per Mile		\$317.28	
Innerduct Inquiry Fee, per Mile		\$381.38	
ROW Inquiry Fee		\$140.95	
ROW Doc Prep Fee		\$140.95	
Field Verification Fee, per Pole		\$35.24	
Field Verification Fee, per Manhole		\$140.95	
Planner Verification, Per Manhole		\$15.72	
Manhole Verification Inspector Per Manhole		\$281.90	
Manhole Make-Ready Inspector, per Manhole		\$422.85	
Pole Attachment Fee, per Foot, per Year			
Urban			
2002	\$2.76		
2003	\$3.00		
2004	\$3.23		
2005	\$3.47		
Non-Urban			
2002	\$3.47		
2003	\$4.06		
2004	\$4.64		
2005	\$5.23		
Innerduct Occupancy Fee, per Foot, per Year	\$.36		
Access Agreement Consideration		\$10.00	
Make Ready		ICB	
	Recurring	Non-Recurring	Notes
Operational Support Systems			
Development and Enhancements, per Order		Under Development	
Ongoing Maintenance, per Order		Under Development	
Daily Usage Record File, per Record	\$.000746		
Trouble Isolation Charge		See MSC Charges	
Bona Fide Request Process			
Processing Fee		\$2,367.93	

Peterson, Reed

From: Tom Bade [tombade@arizonadialtone.com]
Sent: Wednesday, April 08, 2009 10:59 AM
To: Campbell, Bill
Cc: Curtright, Norm; Peterson, Reed; Glenn Hotchkiss
Subject: Re: AZDT Arizona Back Billing Data

Bill,

Our line counts are different than yours. You have now confused me more than ever. The cost of une-p or loops has no bearing on us paying the difference. I have not found a tariff price for POTS in the Qwest Tariff but since most, if not all of our POTS bill was for residential, we should use the residential cost. We need to figure the Arizona tariff amount for residential service, times the number of lines and subtract what we paid after the 12% resale discount has been deducted. The TRRO that Qwest wrote and the ACC approved states that the backbilling is to be "the equivalent month to month Qwest local exchange measured rate resale service." You don't think you can charge business rates to residential lines, do you? I can't come close to your "delta" on either type.

I think you need to look at the lines which is why I asked for and never received the line information breakdown. Our bill was not separated between residential and business but we converted lines based on the end user.

Last week, I had asked Steve Dea to discuss settlement, or put me in touch with someone at Qwest who can, but have not received a response. Perhaps you could facilitate my request. Far too much time and money has been spent on this.

Tom

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When we use the term "delta" we are talking about the rate difference between the UNEP and Resale rates.

I don't understand your question about why we didn't follow the TRRO that was approved by the ACC. For the transition period it is a simple matter of billing \$1 for every UNE line for every month—that is the transition rate provided by the TRRO.

As you know, there was no FCC-prescribed post-transition rate, so for that period we are backbilling the difference between resale and UNE-P, times the monthly line counts. To do that we came up with a computation of the weighted average rates for UNE-P PAL and UNE-P POTS, using April 2006 quantities of lines. Calculation of weighted averages is done because the rates and quantities for the unbundled loop portion of the UNEP service vary by zone. Our averaging provides a reliable and simplified method to address these variables. Once we calculated the difference (delta) in rate, we multiply the difference (delta) times the actual line counts for each month.

4/9/2009

It is true that the weighted average rates used in our calculation do not match the actual rates in rate schedules for specific lines. But we do not believe it's necessary or realistic to calculate the difference (delta) for each line, provided that there is agreement on the quantities.

You can see that the rates we use for calculating the averages are the rates that are stated in your ICA: Zone 1 loop = \$9.05, Zone 2 loop = \$14.84, Zone 3 loop = \$36.44. I notice I didn't state the port rate in step 2 of my last email--it is \$2.44, which is also stated in your ICA schedule of rates. For convenience, the ICA exhibit A is provided.

We are assuming that there isn't any significant disagreement over the number of UNE-P PAL and UNE-P POTs that were in service each month.

I am unclear what you mean by "line numbers (ANI's) and COS for each billing period." The quantity of lines for each month is stated on the spread sheet for each type of service—PAL or POTS.

Bill Campbell

From: Tom Bade [mailto:tombade@arizonadialtone.com]
Sent: Monday, April 06, 2009 1:59 PM
To: Campbell, Bill
Cc: Curtright, Norm; Peterson, Reed; Glenn Hotchkiss
Subject: Re: AZDT Arizona Back Billing Data

Bill,

What is a "delta."

How was the delta for PAL and residential lines computed as I can't come up with anything close so I must not understand what it is?

What were the line numbers (ANI's) and COS for each billing period?

Why didn't you follow the TRRO in your computations that was approved by the ACC?

Tom

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From: Campbell, Bill
To: 'Tom Bade'
Cc: Curtright, Norm ; Peterson, Reed
Sent: Friday, April 03, 2009 3:43 PM
Subject: AZDT Arizona Back Billing Data

Tom,

The attached files provide methodology and supporting detail for the billing received by AZDT related to the UNEP back bill dispute in Arizona.

The first file describes methodology and the .xls file displays the calculations. I have tried to be comprehensive in the data provided but should you, upon your review, have questions please feel free to contact me.

Thank you,

Bill Campbell

Peterson, Reed

From: Campbell, Bill
Sent: Thursday, April 09, 2009 3:02 PM
To: 'Tom Bade'
Cc: Curtright, Norm; Peterson, Reed; Glenn Hotchkiss
Subject: RE: AZDT Arizona Back Billing Data

Tom,

I am writing in response to your last email. I will try to answer your questions and objections.

First, however, we don't perceive that your emails have addressed the simple backbilling calculation for the transition period, except insofar as your last message states that your line counts are different than ours. Once the numbers of UNE-P lines are determined, the amount of the backbilling for the transition period is readily apparent.

You state that your line counts are different than ours. In order for us to react to that statement in a way that will advance resolution, we need to know how far and in what direction your line count differs from ours. .

We understand that your questions for the most part go to the post-transition period. If we are incorrect, please let us know.

Your email questions why we are talking about "the cost of une-p or loops." My explanations to you have always used the term "rates" for UNE-P, which is necessary to understand in order to determine the difference owed under Section 5.1.1.5 of the Amendment. The rate for UNE-P is the unbundled loop rate plus the switch port (local switching) rate.

You state that you have not found a rate for POTS in the tariff, and that for POTS we should use the residential tariff rate. I am glad you raised that point, because I neglected to mention that this is a very substantial concession Qwest has already made in its backbilling calculation. You may have noted that sections 5.1.1.6 and 5.1.1.6.1 of the TRRO Amendment specify that for lines not converted within 90 days after contract execution, Qwest may convert these lines to resale in a business class of service. That provision was agreed upon and approved by the Commission. However, Qwest's backbilling was calculated using the resale rate for residential including lines disconnected prior to converting to resale. (See item 5 of the POTS section of my 4/3 letter: "The Resale POTS rate is the composite of the discounted RES tariff rate, average features . . . and Federal Access Charge.")

I basically agree with your statement that [for the post transition period calculation of the backbill for UNE-P POTS] we need to figure the difference between the Arizona residential resale tariff amount and the UNE-P POTS rates, times the number of lines--but, it is also necessary to figure the difference between the residential resale rates and the UNE-P rates for the features associated with those lines. As you are aware under UNE-P, switch features are included as a component of the local switching port rate, whereas in a resale environment, the features are charged on an a la carte basis, using the authorized resale discount. Our backbilling calculation has done that by creating an average set of features, based on sampling of the lines.

Bill

From: Tom Bade [mailto:tombade@arizonadialtone.com]
Sent: Wednesday, April 08, 2009 11:59 AM
To: Campbell, Bill
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4/9/2009

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