

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Rate Development Summary**

**ALLTEL ALABAMA**

**End User**

End User - Multiline Business	\$8.49
End User - Single Line Business / Residential	\$6.00

**Carrier Common Line**

Premium Originating	N/A	NonPremium Originating	N/A
Premium Terminating	N/A	NonPremium Terminating	N/A

**Traffic Sensitive - Switched**

<b>Premium</b>		<b>NonPremium</b>	
Local Switching	0.007960	Local Switching	0.003582
Information Surcharge	0.000327	Information Surcharge	0.000147
TIC	0.000000	TIC	0.000000

**Tandem Switched**

Termination	0.000895
Facility	0.000295
Switching	0.000000

**Direct Trunked**

VG Termination	\$16.22
VG Facility	\$1.20
DS1 Termination	\$71.28
DS1 Facility	\$23.41
DS1 Multiplexing	\$149.70
DS3 Termination	\$786.28
DS3 Facility	\$95.14
DS3 Multiplexing	\$302.10

**Entrance Facility**

VG2W	\$21.62
VG4W	\$34.60
DS1	\$130.43
DS3	\$2,297.72

**Traffic Sensitive - Special**

Service	Channel		Channel Mileage
	Termination	Facility	Termination
Telegraph 2 Wire	\$24.03	\$2.83	\$2.97
Telegraph 4 Wire	\$33.03	\$2.83	\$2.97
Voice Grade 2 Wire	\$21.62	\$1.20	\$16.22
Voice Grade 4 Wire	\$34.60	\$1.20	\$16.22
Program Audio 3.5 khz	\$15.92	\$0.54	\$10.81
Program Audio 5.0 khz	\$24.03	\$0.60	\$15.02
Program Audio 8.0 khz	\$24.03	\$0.60	\$15.02
Program Audio 15 khz	\$24.03	\$0.60	\$15.02
Digital Data 2.4 Kbps	\$39.04	\$1.14	\$12.01
Digital Data 4.8 Kbps	\$39.04	\$1.14	\$12.01
Digital Data 9.6 Kbps	\$39.04	\$1.14	\$12.01
Digital Data 19.2 Kbps	\$39.04	\$1.14	\$12.01
Digital Data 56 Kbps	\$61.26	\$2.40	\$24.03
Digital Data 64 Kbps	\$61.26	\$2.40	\$24.03
High Capacity 1.544	\$130.43	\$23.41	\$71.28
High Capacity 44.736 Mbps	\$2,297.72	\$95.14	\$786.28

**ALLTEL Telephone Services Corporation**  
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End User Rate Development

ALLTEL ALABAMA

Ln	End User Rate Development	Source	Amount
1.	BFP Revenue Requirement	Volume 2, Section 2	\$2,900,042
1a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 1	\$0
2.	Special Access Surchargeable Channels	Volume 4	0
3.	Special Access Surcharge Revenues	(Ln 2 * \$25)	\$0
4.	Adjusted BFP Revenue Requirement	(Ln 1 + 1a + 3)	\$2,900,042
5.	Test Period Mean Access Lines	Volume 4	28,460
6.	Annual Cost Per Line	Ln 4 / Ln 5	\$101.90
7.	Capped EUCL Multi-Line Rate		\$9.20
8.	Monthly Cost Per Line	Ln 6 / 12	\$8.49
9.	Monthly EUCL Multi-Line Rate	Smaller of Ln 7 or Ln 8	\$8.49
10.	Monthly EUCL Single Line Rate	Smaller of \$3.50 or Ln 9	\$6.00

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Traffic Sensitive Rate Development  
Switched Access  
**Nonrecurring Revenues**

ALLTEL ALABAMA

Ln	(A) Rate	(B) Test Period Demand	(C)=(A)*(B) Revenues	
1.	Switched Access Service Order, Miscellaneous Service Order and Interim NXX Translation	\$68.00	10	\$680
2.	Service Date Change, Design Change	\$18.00	0	\$0
3a.	Switched Access Trunk Conversion/Activation	\$112.00	0	\$0
3b.	Switched Access Installation Voice Grade 2 Wire	\$215.00	0	\$0
3c.	Switched Access Installation Voice Grade 4 Wire	\$215.00	0	\$0
3d.	Switched Access Installation High Capacity DS1	\$303.00	0	\$0
3e.	Switched Access Installation High Capacity DS3	\$333.00	0	\$0
4.	Presubscription	\$5.00	4,217	\$21,085
5.	Unauthorized PIC Change	\$30.00	0	\$0
6.	Total Non-Recurring Revenue Requirement			\$21,765

Sources:

Col (A) - Volume 3

Col (B) - Volume 4

**ALLTEL Telephone Services Corporation**  
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Traffic Sensitive Rate Development  
Switched Access  
**Local Switching Rate Development**

ALLTEL ALABAMA

Ln	Source	Quantity
1.	Local Switching Revenue Requirement (Includes Equal Access Revenue Requirement )	Volume 2, Section 1 \$967,142
1a.	SS7 Revenue Requirement	Volume 2, Section 1 \$89
1b.	plus: analog revenue requirement	\$0
1c.	less: DEM Weighting to be recovered through USF	(\$491,043)
1d.	Sub Total	Ln 1 + 1a + 1b - 1c \$476,188
1e.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 2 \$0
1f.	Adjusted Local Switching Revenue Requirement	Ln 1d - 1e \$476,188
2.	Premium Minutes of Use	Volume 4 59,824,050
3.	Non-Premium Minutes of Use	Volume 4 0
4.	Weighted Minutes	Ln 2 + (Ln 3 * 45%) 59,824,050
5.	Premium Local Switching Rate	(Ln 1g / Ln 4) 0.007960
6.	Non-Premium Local Switching Rate	(Ln 5 * 45%) 0.003582

**Information Surcharge Rate Development**

	Source	Quantity
7.	Information Surcharge Revenue Requirement	Volume 2, Section 1 \$19,577
7a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 3 \$0
7b.	Adjusted Information Surcharge Revenue Requirement	Ln 7 + 7a \$19,577
8.	Premium Minutes	Volume 4 59,824,050
9.	Non-Premium Minutes	Volume 4 0
10.	Weighted Minutes	Ln 8 + (Ln 9 * 45%) 59,824,050
11.	Prem Information Surcharge Rate per Minute	(Ln 7b / Ln 10) 0.000327
12.	NPrem Information Surcharge Rate per Minute	(Ln 11 * 45%) 0.000147

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Traffic Sensitive Rate Development  
Switched Access  
**Miscellaneous Data**

ALLTEL ALABAMA

Ln	Source	Quantity	
1.	Local Switching MOUs	Page 4, Lns 2 + 3	59,824,050
2.	Pct of Local Switch MOU is Common Tspt MOU	Volume 4, Section 4	94%
3.	Common Transport MOUs	Ln 1 * Ln 2	56,234,607
4.	Total Comm. Tspt Avg Length of Haul (ALOH)	Volume 4, Section 4	8.71
5.	Remote to Host Tspt ALOH	Volume 4, Section 4	7.51
6.	Avg # of Total Terms per Comm. Tspt MOU	Volume 4, Section 4	2.06
7.	Avg # of Terms per Circuit		n/a
8.	Avg # of Remote Terms per Comm. Tspt MOU	Volume 4, Section 4	1.46
9.	Total Comm. Tspt MOU Miles	Ln 3 * Ln 4	489,803,427
10.	Total Remote-Host MOU Miles	Ln 3 * Ln 5	422,321,899
11.	Total Comm. Tspt Terms	Ln 3 * Ln 6	115,843,290
12.	Total Remote-Host Terms	Ln 3 * Ln 8	82,102,526
13.	Tandem Switch MOU % of Comm. Tspt MOU	Volume 4, Section 4	0%
14.	Tandem Switching MOU	Ln 3 * Ln 13	0

**Tandem Switching Rate Development**

Ln	Source	Quantity	
15.	Tandem Switching Revenue Requirement	Volume 2, Section 1	\$0
16.	plus: Tandem Switched Port Card Revenue Requirement		\$0
17.	plus: Tandem Switched Multiplexer Revenue Requirement		\$0
18.	Adjusted Rate Making Revenue Requirement		\$0
19.	Total Tandem Switching MOUs	Line 14	0
20.	Initial Tandem Switching Rate	Line 18/ Line 19	none

**Tandem Switched Transport Rate Calculation**

22.	DS1 Dedicated Transport Termination Rate (DTT)	Page 10, Line 47, Col (E)	\$71.28
23.	DS1 Dedicated Transport Facility Rate (DTF)	Page 10, Line 21, Col (E)	\$23.41
24.	DS1 MOU per Voice Grade Equivalent	MOU * 24 VG Equiv	244,968
25.	Tandem Switched Term (TST) Initial Rate	Line 22/Line 24	0.000291
26.	Tandem Switched Facility (TSF) Initial Rate	Line 23/Line 24	0.000096
27.	Tandem Switched Term Adj - Host Remote	Host-Remote Worksheet	0.000604
28.	Tandem Switched Facility Adj - Host Remote	Host-Remote Worksheet	0.000199
29.	TST Rate Before TIC Elimination Adjustment	Line 25 + 27	0.000895
30.	TSF Rate Before TIC Elimination Adjustment	Line 26 + 28	0.000295

**ALLTEL Telephone Services Corporation**  
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Traffic Sensitive Rate Development  
Switched Access  
**Direct Trunked Transport Revenues**

## ALLTEL ALABAMA

Ln	Source	Quantity
1.	VG Dedicated Transport Termination Rate (DTT)	Page 10, Ln 36,Col(E) \$16.22
2.	VG Dedicated Transport Facility Rate (DTF)	Page 10, Ln 20,Col(E) \$1.20
3.	DS1 Dedicated Transport Termination Rate (DTT)	Page 5, Line 22 \$71.28
4.	DS1 Dedicated Transport Facility Rate (DTF)	Page 5, Line 23 \$23.41
5.	DS3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 48,Col(E) \$786.28
6.	DS3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 32,Col(E) \$95.14
6A.	OC3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 49,Col(E) \$2,162.25
6B.	OC3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 33,Col(E) \$259.47
6C.	OC12 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 50,Col(E) \$2,486.59
6D.	OC12 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 34,Col(E) \$410.83
7.	Direct Trunked VG Terminations	Forecast Demand 0
8.	Direct Trunked VG Miles	Vol 4, Sec 4 ALOH * Line 7 0
9.	Direct Trunked DS1 Terminations	Forecast Demand 130
10.	Direct Trunked DS1 Miles	Vol 4, Sec 4 ALOH * Line 9 1,460
11.	Direct Trunked DS3 Terminations	Forecast Demand 0
12.	Direct Trunked DS3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12A.	Direct Trunked OC3 Terminations	Forecast Demand 0
12B.	Direct Trunked OC3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12C.	Direct Trunked OC12 Terminations	Forecast Demand 0
12D.	Direct Trunked OC12 Miles	Vol 4, Sec 4 ALOH * Line 11 0
13.	Direct Trunked Termination Revenues	\$9,267
14.	Direct Trunked Facility Revenues	\$34,185
15.	DS1 to Voice Mux	Volume 4, Section 3 0
16.	DS3 to DS1 Mux	Volume 4, Section 3 0
17.	Multiplexing Revenue	(Ln 16 * Pg 9,Ln19)+(Ln 17*Pg 9,Ln 24) \$0
18.	Total Direct Trunked Transport Revenues	(Ln 13+Ln14+Ln 17) <u>\$43,452</u>

**Entrance Facility Revenues**

19.	VG2W Entrance Facility Rate	Page 10, Ln 3,Col(E) \$21.62
20.	VG4W Entrance Facility Rate	Page 10, Ln 4,Col(E) \$34.60
21.	DS1 Entrance Facility Rate	Page 10, Ln 15,Col(E) \$130.43
22.	DS3 Entrance Facility Rate	Page 10, Ln 16,Col(E) \$2,297.72
22A.	OC3 Entrance Facility Rate	Page 10, Ln 17,Col(E) \$2,810.93
22B.	OC12 Entrance Facility Rate	Page 10, Ln 18,Col(E) \$3,351.49
23.	VG 2W Entrance Facilities	Forecast Demand 0
24.	VG 4W Entrance Facilities	Forecast Demand 0
25.	DS1 Entrance Facilities	Forecast Demand 0
26.	DS3 Entrance Facilities	Forecast Demand 0
26A.	OC3 Entrance Facilities	Forecast Demand 0
26B.	OC12 Entrance Facilities	Forecast Demand 0
27.	Total Entrance Facility Revenues	(Ln20*Ln24+Ln21*Ln25+Ln 22*Ln26+Ln19*Ln23+Ln 22A*Ln26A+Ln22B*Ln26B) <u>\$0</u>

**Tandem Switched Transport Revenues**

28.	Term MOUs - Remote to Host	Page 5, Ln 12 82,102,526
29.	MOU Miles - Remote to Host	Page 5,Ln 10 422,321,899
30.	TST Revenues Remote to Host	Ln 28 * Pg5, Ln 29 \$73,495
31.	TSF Revenues Remote to Host	Ln 29 * Page 5, Ln 30 \$124,716
32.	Total Revenues Remote to Host	Line 31+Line 32 <u>\$198,210</u>
33.	Term MOUs - End Office/Host	Page 5, Ln11-Page 5, Ln12 33,740,764
34.	MOU Miles - End Office/Host	Page 5, Ln9-Page 5, Ln10 67,481,528
35.	TST Revenues from End Office/Host	Ln33 * Page 5, Ln 29 \$30,203
36.	TSF Revenues from End Office/Host	Ln34 * Page 5, Ln 30 \$19,928
37.	Total Revenues from End Office/Host	Line 35+Line 36 <u>\$50,131</u>
38.	Total Tandem Switched Transport Revenues	Line 32+Line 37 <u>\$248,342</u>

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Traffic Sensitive Rate Development  
Switched Access

**800 Data Base Query Revenues**

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Ln	Source	Quantity
1.	Basic Query Charge per Query	SCP Tariff Rate
		0.001
2.	Total Basic Queries	Volume 4 Section 5
		9,632,904
3.	Enhanced Query Charge per Query	SCP Tariff Rate
		0.0012
4.	Total Enhanced Queries	Volume 4 Section 5
		0
5.	Total 800 Data Base Revenues	Ln 1 * Ln 2 + Ln 3 * Ln 4
		<u>\$9,633</u>

**Transport Interconnection Charge (TIC) Calculation**

Ln	Source	Quantity
6a.	Transport Revenue Requirement	Volume 2, Section 1
		\$323,192
	<u>Revenue Requirement Adjustment</u>	
6b.	Single Bill Settlement, Receivable	Volume 3, Page 10
		\$0
6c.	Single Bill Settlement, Payable	Volume 3, Page 10
		\$0
6d.	Net Settlement	Volume 3, Page 10
		\$0
6e.	Analog Revenue Requirement	
		\$0
6f.	Rate Making Revenue Requirement	L6a+L6d-6e
		<u>\$323,192</u>
7.	Total Direct Trunked Revenues	Page 6, Line 18
		\$43,452
8.	Total Entrance Facility Revenues	Page 6, Line 27
		\$0
8a.	Initial Tandem Switching Revenues	Page 5, Line 18
		\$0
9.	Initial Tandem Switched Transport Revenues	Page 6, Line 39
		\$248,342
10.	Total NRC Revenues	Page 3, Line 6
		\$21,765
11.	800 Data Base Query Revenues	Line 5
		\$9,633
11a.	Less: TIC Allocation to Common Line	Page 2, Line 1b
		\$0
11b.	Less: TIC Allocation to Local Switching	Page 4, Line 1f
		\$0
11c.	Less: TIC Allocation to Information Surcharge	Page 4, Line 7a
		\$0
11d.	Less: TIC Allocation to Special Access	Page 9, Line 12a
		\$0
12.	TIC to be allocated to Transport Elements	Ln 6f-(Sum Lns 7 thru 11d)
		\$0
12a.	TIC Rate Adjustment to TST	TIC Elimination Worksheet
		0.000000
12b.	TIC Rate Adjustment to TSF	TIC Elimination Worksheet
		0.000000
12c.	TIC Rate Adjustment to Tandem Switching	TIC Elimination Worksheet
		0.000000
12d.	Additional TST Revenue	Ln 12a * Page 5, Ln 11
		\$0
12e.	Additional TSF Revenue	Ln 12b * Page 5, Ln 9
		\$0
12f.	Additional Tandem Switching Revenue	Ln 12c * Page 5, Ln 19
		\$0
12g.	TIC after TST,TSF, Tandem Switching Adjustments	Ln 12 - 12d - 12e - 12f
		\$0
12h.	Final TST Rate	Ln 12a + Page 5, Ln 29
		0.000895
12i.	Final TSF Rate	Ln 12b + Page 5, Ln 30
		0.000295
12j.	Final Tandem Switching Rate	Ln 12c + Page 5, Ln 20
		0.000000
13.	Total Premium Local Switching MOUs	Page 4, Line 2
		59,824,050
14.	Total Non-Premium Local Switching MOUs	Page 4, Line 3
		0
15.	Total Weighted MOUs	Line 13 + Line 14 *45%
		<u>59,824,050</u>
16.	Premium TIC	Line 12g / Line 15
		0.000000
17.	Non-Premium TIC	Line 16 * 45%
		0.000000

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**Special Access**  
**Nonrecurring Revenues**

## ALLTEL ALABAMA

Ln	Installation/Provisions	(A) NRC Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Telegraph 2W/4W	\$196.00	0	\$0
2.	Voice Grade 2W/4W	\$215.00	0	\$0
3.	Program Audio	\$190.00	0	\$0
4.	Digital Data	\$140.00	0	\$0
5.	High Capacity 1.544	\$303.00	3	\$909
6.	High Capacity 44.736	\$333.00	0	\$0
7.	ADSL Access Port	\$99.95	0	\$0
8.	ADSL Logical Link	\$19.95	0	\$0
9.	ADSL Network Access Link - DS1	\$499.95	0	\$0
9.	ADSL Network Access Link - DS3	\$700.00	0	\$0
<u>Orders</u>				
10.	Special Access Orders	\$68.00	8	\$544
11.	Date Change / Design Change	\$18.00	0	\$0
12.	Total NRC Revenues			\$1,453

## Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**Optional Feature and Function Revenues**

Ln	Feature	(A) Monthly OFF Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Bridging	\$5.80	0	\$0
2.	C-Conditioning	\$19.30	0	\$0
3.	Data Conditioning	\$19.30	0	\$0
4.	Improved Return Loss 2W/4W	\$18.50	0	\$0
5.	Signaling Capability	\$2.70	30	\$81
6.	Customer Specified Receive Level	\$12.70	12	\$152
7.	Digital Data Channel Service Unit 9.6 Kbps	\$24.20	0	\$0
8.	Selective Signaling Arrangement	\$18.50	0	\$0
9.	Multiplexing DS1 to Voice	\$149.70	0	\$0
10.	Multiplexing DS1 to DSO	\$149.70	0	\$0
11.	Improved Termination Option, per CT 2 Wire	\$10.98	0	\$0
12.	Improved Termination Option, per CT 4 Wire	\$10.98	0	\$0
13.	Program Audio Conditioning - zero loss	\$12.00	0	\$0
14.	Multiplexing DS3 to DS1	\$302.10	0	\$0
15.	ADSL Access Port 1	\$29.95	4,072	\$121,956
16.	ADSL Access Port 2	\$59.95	47	\$2,818
17.	ADSL Access Port 3	\$119.95	81	\$9,716
18.	ADSL Additional Logical Link	\$19.95	0	\$0
19.	ADSL Network Access Link - Per DS1	\$399.95	0	\$0
20.	ADSL Network Access Link - Per DS3	\$2,950.00	0	\$0
21.	ADSL Additional Logical Access Link Blocks	\$99.95	0	\$0
22.	Total Optional Special Access Revenues			\$134,723

## Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

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**Special Access  
ICB Revenues**

ALLTEL ALABAMA

Ln	Rate Element	Source	Test Period
1.	Channel Termination ICB Revenues	Volume 3	\$0
2.	Channel Mileage Facility ICB Revenues	Volume 3	\$0
3.	Channel Mileage Termination ICB Revenues	Volume 3	\$0
4.	Total ICB Revenues (Ln 6 * Ln 7)		\$0

**Special Access Revenue Requirement Adjustment**

5.	Single Bill Settlement , Receivable	Volume 3	\$0
6.	Single Bill Settlement , Payable	Volume 3	\$0
7.	Single Bill Settlement , Net Adjustment	Line 5+ Line 6	\$0

**Revenue Requirement**

	Source	
8.	Total Special Access Rev Req	Volume 2, Section 1 \$427,145
9.	(+)/(-) Single Bill Settlement Adjustment	Line 7 \$0
10.	Less: Nonrecurring Charge Revs	Page 8, Line 12 (\$1,453)
11.	Less: Optional Feature & Function Revs	Page 8, Line 21 (\$134,723)
12.	Less: ICB revenues	Line 4 \$-0
12a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 5 \$0
13.	Total Rate Making Rev Req	Sum (Lines 8 thru 12a) \$290,968

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**Special Access**

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Ln	Channel Termination	(A) Index	(B) Test Period Demand	(C)=A*B Annualized Weighted Demand	(D) CT Rev Req	(E) CT Rate
1	Telegraph 2 Wire	1.1111	0	0		\$24.03
2	Telegraph 4 Wire	1.5278	0	0		\$33.03
3	Voice Grade 2 Wire	1.0000	156	156		\$21.62
4	Voice Grade 4 Wire	1.6000	36	58		\$34.60
5	Program Audio 3.5 khz	0.7361	0	0		\$15.92
6	Program Audio 5.0 khz	1.1111	0	0		\$24.03
7	Program Audio 8.0 khz	1.1111	0	0		\$24.03
8	Program Audio 15 khz	1.1111	0	0		\$24.03
9	Digital Data 2.4 Kbps	1.8056	12	22		\$39.04
10	Digital Data 4.8 Kbps	1.8056	0	0		\$39.04
11	Digital Data 9.6 Kbps	1.8056	0	0		\$39.04
12	Digital Data 19.2 Kbps	1.8056	0	0		\$39.04
13	Digital Data 56 Kbps	2.8333	360	1,020		\$61.26
14	Digital Data 64 Kbps	2.8333	36	102		\$61.26
15	High Capacity 1.54 Mbps	6.0319	501	3,022		\$130.43
16	High Capacity 44.746	106.2651	0	0		\$2,297.72
17	SOCS OC3	130.0000	0	0		\$2,810.93
18	SOCS OC12	155.0000	0	0		\$3,351.49
			1,101	4,379		

CMF  
Rate

Ln	Channel Mileage Facility	(A)	(B)	(C)=A*B	(D)	(E)
19	Telegraph	0.1308	0	0		\$2.83
20	Voice Grade	0.0556	658	37		\$1.20
21	Program Audio 3.5 khz	0.0250	0	0		\$0.54
22	Program Audio 5.0 khz	0.0278	0	0		\$0.60
23	Program Audio 8.0 khz	0.0278	0	0		\$0.60
24	Program Audio 15 khz	0.0278	0	0		\$0.60
25	Digital Data 2.4 Kbps	0.0528	192	10		\$1.14
26	Digital Data 4.8 Kbps	0.0528	0	0		\$1.14
27	Digital Data 9.6 Kbps	0.0528	0	0		\$1.14
28	Digital Data 19.2 Kbps	0.0528	0	0		\$1.14
29	Digital Data 56 Kbps	0.1111	2,454	273		\$2.40
30	Digital Data 64 Kbps	0.1111	245	27		\$2.40
31	High Capacity 1.544	1.0826	5,628	6,093		\$23.41
32	High Capacity 44.736	4.4000	0	0		\$95.14
33	SOCS OC3	12.0000	0	0		\$259.47
34	SOCS OC12	19.0000	0	0		\$410.83
			9,178	6,440		

CMT  
Rate

Ln	Channel Mileage Termination	(A)	(B)	(C)=A*B	(D)	(E)
35	Telegraph	0.1375	0	0		\$2.97
36	Voice Grade	0.7500	60	45		\$16.22
37	Program Audio 3.5 khz	0.5000	0	0		\$10.81
38	Program Audio 5.0 khz	0.6944	0	0		\$15.02
39	Program Audio 8.0 khz	0.6944	0	0		\$15.02
40	Program Audio 15 khz	0.6944	0	0		\$15.02
41	Digital Data 2.4 Kbps	0.5556	12	7		\$12.01
42	Digital Data 4.8 Kbps	0.5556	0	0		\$12.01
43	Digital Data 9.6 Kbps	0.5556	0	0		\$12.01
44	Digital Data 19.2 Kbps	0.5556	0	0		\$12.01
45	Digital Data 56 Kbps	1.1111	360	400		\$24.03
46	Digital Data 64 Kbps	1.1111	36	40		\$24.03
47	High Capacity 1.544	3.2967	651	2,146		\$71.28
48	High Capacity 44.736 Mbps	36.3640	0	0		\$786.28
49	SOCS OC3	100.0000	0	0		\$2,162.25
50	SOCS OC12	115.0000	0	0		\$2,486.59
			1,119	2,638		
				13,457	\$290,968	

Col (A) = Volume 3  
Col (B) = Volume 4, Section 4  
Col (C) = Col (A) \* Col (B) Col (C) Total  
Col (D) = Page 9, Line 13

**ALLTEL Telephone Services Corporation**  
**2002 Annual Tariff Filing, Revised June 28, 2002**

**Special Access**  
**Calculation of Recurring Special Access Revenues**

## ALLTEL ALABAMA

Ln	Service	(A) CT Rate	(B) CT Revenue	(C) CMF Rate	(D) CMF Revenue*	(E) CMT Rate	(F) CMT Revenue*
1.	Telegraph 2 Wire	\$24.03	\$0				
2.	Telegraph 4 Wire	\$33.03	\$0	\$2.83	\$0	\$2.97	\$0
3.	Voice Grade 2 Wire	\$21.62	\$3,373				
4.	Voice Grade 4 Wire	\$34.60	\$1,245	\$1.20	\$791	\$16.22	\$973
5.	Program Audio 3.5 khz	\$15.92	\$0	\$0.54	\$0	\$10.81	\$0
6.	Program Audio 5.0 khz	\$24.03	\$0	\$0.60	\$0	\$15.02	\$0
7.	Program Audio 8.0 khz	\$24.03	\$0	\$0.60	\$0	\$15.02	\$0
8.	Program Audio 15 khz	\$24.03	\$0	\$0.60	\$0	\$15.02	\$0
9.	Digital Data 2.4 Kbps	\$39.04	\$468	\$1.14	\$219	\$12.01	\$144
10.	Digital Data 4.8 Kbps	\$39.04	\$0	\$1.14	\$0	\$12.01	\$0
11.	Digital Data 9.6 Kbps	\$39.04	\$0	\$1.14	\$0	\$12.01	\$0
12.	Digital Data 19.2 Kbps	\$39.04	\$0	\$1.14	\$0	\$12.01	\$0
13.	Digital Data 56 Kbps	\$61.26	\$22,055	\$2.40	\$5,897	\$24.03	\$8,649
14.	Digital Data 64 Kbps	\$61.26	\$2,205	\$2.40	\$590	\$24.03	\$865
15.	High Capacity 1.544	\$130.43	\$65,343	\$23.41	\$131,745	\$71.28	\$46,405
16.	High Capacity 44.736	\$2,297.72	\$0	\$95.14	\$0	\$786.28	\$0
16.	SOCS OC3	\$2,810.93	\$0	\$259.47	\$0	\$2,162.25	\$0
16.	SOCS OC12	\$3,351.49	\$0	\$410.83	\$0	\$2,486.59	\$0
			\$94,691		\$139,241		\$57,036

## Sources:

<p>Cols (A), (C) and (E) = Page 10, Col (E)  Col (B) = Col (A) * Page 10, Col (B)  Col (D) = Col (C) * Page 10, Col (B)  Col (F) = Col (E) * Page 10, Col (B)</p>
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**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

Special Access  
**Crossover Analysis**

ALLTEL ALABAMA

**Voice Grade to Hi Cap DS1**

Config	Element	(A)	(B)
		Voice Grade 4 Wire	Hi-Cap 1.544 Mbps
2	CT	\$69.19	\$260.85
10	CMF	\$12.01	\$234.09
2	CMT	\$32.43	\$142.57
Total Config		\$113.64	\$637.51

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DS1 to VG 4W Crossover (Total Col (B) / Total Col (A)) 5.61

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Sources:

Col (A) = Config Column * VG4W Rates from Page 11
Col (B) = Config Column * Hi Cap 1.544 Rates from Page 11

**Transport Benchmark**

Config	Element	(A)	(B)
		DS1	DS3
1	CT	\$130.43	\$2,297.72
10	CMF	\$234.09	\$951.39
2	CMT	\$142.57	\$1,572.56
1	MUX	n/a	\$302.10
Total Config		\$507.08	\$5,123.77

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DS3 to DS1 Crossover (Total Col (B) / Total Col (A)) 10.10

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Sources:

Col (A) = Config Column * DS1 Rates from Page 11
Col (B) = Config Column * DS3 Rates from Page 11

**Calculation of Host-Remote / TIC Adjustment  
(FCC 97-158, 1st Report & Order, Para 220)**

	Before Host Remote Adj	After Host Remote Adj
TST Revenues Remote to Host	\$23,892	
TSF Revenues Remote to Host	\$40,543	
Total Revenues Remote to Host	\$64,435	
TST Remote/Host MOU TERM's	82,102,526	
TSF Remote/Host MOU/Miles	422,321,899	
Total Host-Remote Investment	\$1,437,004	
Total Interstate TS SW Rev Req	\$1,310,000	
Total Interstate TS SW TPIS	\$6,112,521	
Total Interstate TS SW Factor	0.214314	
Total Host-Remote Rev Req	\$307,970	
Total Shortfall going to TIC		\$243,535
TST Shortfall going to TIC		\$90,301
TSF Shortfall going to TIC		\$153,235
TST Rate adj for H-R		0.000780
TSF Rate adj for H-R		0.000313
Total Transport Rev Req (Ln 6h)	\$323,192	
Less: Direct Trunk Revenues	\$43,452	
Less: Entrance Facility Revenues	\$0	
Less: Tandem Switching Revenues	\$0	
Less: NRC Revenues	\$21,765	
Less: 800 DBQ Revenues	\$9,633	
Requirement from Common Tspt	\$248,342	
Total Common TST MOU Terms	115,843,290	
Total Common TSF MOU/Miles	489,803,427	
Initial TST rate (Ln 17 workpapers)	\$0.000291	
Initial TSF rate (Ln 18 workpapers)	\$0.000096	
Initial TST Revenues	\$33,710	
Initial TSF Revenues	\$47,021	
Initial total TST/TSF revenues	\$80,732	
Maximum TST rev req		\$103,698
Maximum TSF rev req		\$144,644
Maximum TST rate adj		\$0.000604
Maximum TSF rate adj		\$0.000199
Adj needed to TST Rate		0.000604
Adj needed to TSF Rate		0.000199

**ALLTEL Telephone Services Corporation**  
**Transport Interconnection Charge (TIC) Revenue Allocation**  
**Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 14**

ALLTEL ALABAMA	Source	Revenue Requirement	% of Total	TIC Amount Reallocated
1. Common Line	TRP Form COS1-P Line 100 Less USF Contribution	\$2,746,361	68.79%	\$0
2. Local Switching	Volume 5, Page 4, Ln 1d	\$476,188	11.93%	\$0
3. Information	Volume 5, Page 4, Ln 7	\$19,577	0.49%	\$0
4. Transport Less TIC Revenue	ACR-1 Projected (Column I)	\$323,192	8.10%	\$0
5. Special Access	Volume 5, Page 9, Ln 8	\$427,145	10.70%	\$0
Total		\$3,992,462		
6. TIC Revenue July 00 - June 01	CABS Billing	\$0		
7. Projected TIC Revenues	Revised June 28, 2002 Annual Tariff Filing, Vol 5, Pg	\$0		
8. TIC to be allocated	Minimum CABS Billed or Projected	\$0		

**ALLTEL Telephone Services Corporation  
 Transport Interconnection Charge (TIC) Elimination  
 Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 15**

		Revenue Requirement	% of Total	TIC Amount Reallocated
ALLTEL ALABAMA	Source			
1. Tandem Switching	Volume 5, Page 5, Line 18	\$0	0.00%	\$0
2. Initial Tandem Switched Termination Revenue	Volume 5, Page 6, Lns 30 + 35	\$103,698	41.76%	\$0
3. Initial Tandem Switched Facility Revenue	Volume 5, Page 6, Lns 31 + 36	\$144,644	58.24%	\$0
4. Total		\$248,342		
5. TIC to be allocated to Transport Elements	Volume 5, Page 7, line 12	\$0		
6. TIC Rate Adjustment - Tandem Switching	Ln 1 / Volume 5, Page 5, Line 19	0.000000		
7. TIC Rate Adjustment - TST	Ln 2 / Volume 5, Page 5, Line 11	0.000000		
8. TIC Rate Adjustment - TSF	Ln 3 / Volume 5, Page 5, Line 9	0.000000		

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Rate Development Summary**

**ALLTEL ARKANSAS**

**End User**

End User - Multiline Business	\$8.43
End User - Single Line Business / Residential	\$6.00

**Carrier Common Line**

Premium Originating	N/A	NonPremium Originating	N/A
Premium Terminating	N/A	NonPremium Terminating	N/A

**Traffic Sensitive - Switched**

<b>Premium</b>		<b>NonPremium</b>	
Local Switching	0.005321	Local Switching	0.002394
Information Surcharge	0.000231	Information Surcharge	0.000104
TIC	0.000000	TIC	0.000000

**Tandem Switched**

Termination	0.000456
Facility	0.000116
Switching	0.003589

**Direct Trunked**

VG Termination	\$12.86
VG Facility	\$0.83
DS1 Termination	\$48.80
DS1 Facility	\$12.38
DS1 Multiplexing	\$149.70
DS3 Termination	\$669.65
DS3 Facility	\$81.03
DS3 Multiplexing	\$302.10

**Entrance Facility**

VG2W	\$18.42
VG4W	\$29.46
DS1	\$146.39
DS3	\$1,516.44

**Traffic Sensitive - Special**

Service	Channel	Channel Mileage	
	Termination	Facility	Termination
Telegraph 2 Wire	\$22.10	\$1.78	\$13.58
Telegraph 4 Wire	\$33.15	\$1.78	\$13.58
Voice Grade 2 Wire	\$18.42	\$0.83	\$12.86
Voice Grade 4 Wire	\$29.46	\$0.83	\$12.86
Program Audio 3.5 khz	\$14.73	\$0.85	\$12.21
Program Audio 5.0 khz	\$18.42	\$1.43	\$14.40
Program Audio 8.0 khz	\$18.42	\$1.47	\$14.40
Program Audio 15 khz	\$18.42	\$4.18	\$14.40
Digital Data 2.4 Kbps	\$54.62	\$0.96	\$25.78
Digital Data 4.8 Kbps	\$54.62	\$0.96	\$25.78
Digital Data 9.6 Kbps	\$54.62	\$0.96	\$25.78
Digital Data 19.2 Kbps	\$54.62	\$0.96	\$25.78
Digital Data 56 Kbps	\$54.62	\$0.96	\$25.78
Digital Data 64 Kbps	\$54.62	\$0.96	\$25.78
High Capacity 1.544	\$146.39	\$12.38	\$48.80
High Capacity 44.736 Mbps	\$1,516.44	\$81.03	\$669.65

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

End User Rate Development

ALLTEL ARKANSAS

Ln	End User Rate Development	Source	Amount
1.	BFP Revenue Requirement	Volume 2, Section 2	\$11,102,657
1a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 1	\$0
2.	Special Access Surchargeable Channels	Volume 4	0
3.	Special Access Surcharge Revenues	(Ln 2 * \$25)	\$0
4.	Adjusted BFP Revenue Requirement	(Ln 1 + 1a + 3)	\$11,102,657
5.	Test Period Mean Access Lines	Volume 4	109,794
6.	Annual Cost Per Line	Ln 4 / Ln 5	\$101.12
7.	Capped EUCL Multi-Line Rate		\$9.20
8.	Monthly Cost Per Line	Ln 6 / 12	\$8.43
9.	Monthly EUCL Multi-Line Rate	Smaller of Ln 7 or Ln 8	\$8.43
10.	Monthly EUCL Single Line Rate	Smaller of \$3.50 or Ln 9	\$6.00

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
 Switched Access  
**Nonrecurring Revenues**

ALLTEL ARKANSAS

Ln	(A) Rate	(B) Test Period Demand	(C)=(A)*(B) Revenues	
1.	Switched Access Service Order, Miscellaneous Service Order and Interim NXX Translation	\$68.00	49	\$3,332
2.	Service Date Change, Design Change	\$18.00	0	\$0
3a.	Switched Access Trunk Conversion/Activation	\$112.00	0	\$0
3b.	Switched Access Installation Voice Grade 2 Wire	\$215.00	0	\$0
3c.	Switched Access Installation Voice Grade 4 Wire	\$215.00	0	\$0
3d.	Switched Access Installation High Capacity DS1	\$303.00	0	\$0
3e.	Switched Access Installation High Capacity DS3	\$333.00	0	\$0
4.	Presubscription	\$5.00	16,724	\$83,620
5.	Unauthorized PIC Change	\$30.00	0	\$0
6.	Total Non-Recurring Revenue Requirement			\$86,952

Sources:

Col (A) - Volume 3

Col (B) - Volume 4

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Local Switching Rate Development**

## ALLTEL ARKANSAS

Ln	Source	Quantity
1.	Local Switching Revenue Requirement (Includes Equal Access Revenue Requirement )	Volume 2, Section 1 \$1,676,809
1a.	SS7 Revenue Requirement	Volume 2, Section 1 \$42,916
1b.	plus: analog revenue requirement	\$0
1c.	less: DEM Weighting to be recovered through USF	\$0
1d.	Sub Total	Ln 1 + 1a + 1b - 1c \$1,719,725
1e.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 2 \$0
1f.	Adjusted Local Switching Revenue Requirement	Ln 1d - 1e \$1,719,725
2.	Premium Minutes of Use	Volume 4 323,199,708
3.	Non-Premium Minutes of Use	Volume 4 0
4.	Weighted Minutes	Ln 2 + (Ln 3 * 45%) 323,199,708
5.	Premium Local Switching Rate	(Ln 1g / Ln 4) 0.005321
6.	Non-Premium Local Switching Rate	(Ln 5 * 45%) 0.002394

**Information Surcharge Rate Development**

	Source	Quantity
7.	Information Surcharge Revenue Requirement	Volume 2, Section 1 \$74,637
7a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 3 \$0
7b.	Adjusted Information Surcharge Revenue Requirement	Ln 7 + 7a \$74,637
8.	Premium Minutes	Volume 4 323,199,708
9.	Non-Premium Minutes	Volume 4 0
10.	Weighted Minutes	Ln 8 + (Ln 9 * 45%) 323,199,708
11.	Prem Information Surcharge Rate per Minute	(Ln 7b / Ln 10) 0.000231
12.	NPrem Information Surcharge Rate per Minute	(Ln 11 * 45%) 0.000104

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Miscellaneous Data**

## ALLTEL ARKANSAS

Ln	Source	Quantity	
1.	Local Switching MOUs	Page 4, Lns 2 + 3	323,199,708
2.	Pct of Local Switch MOU is Common Tspt MOU	Volume 4, Section 4	74%
3.	Common Transport MOUs	Ln 1 * Ln 2	239,167,784
4.	Total Comm. Tspt Avg Length of Haul (ALOH)	Volume 4, Section 4	26.69
5.	Remote to Host Tspt ALOH	Volume 4, Section 4	8.46
6.	Avg # of Total Terms per Comm. Tspt MOU	Volume 4, Section 4	2.03
7.	Avg # of Terms per Circuit		n/a
8.	Avg # of Remote Terms per Comm. Tspt MOU	Volume 4, Section 4	1.18
9.	Total Comm. Tspt MOU Miles	Ln 3 * Ln 4	6,383,388,153
10.	Total Remote-Host MOU Miles	Ln 3 * Ln 5	2,023,359,452
11.	Total Comm. Tspt Terms	Ln 3 * Ln 6	485,510,601
12.	Total Remote-Host Terms	Ln 3 * Ln 8	282,217,985
13.	Tandem Switch MOU % of Comm. Tspt MOU	Volume 4, Section 4	88%
14.	Tandem Switching MOU	Ln 3 * Ln 13	210,467,650

**Tandem Switching Rate Development**

Ln	Source	Quantity	
15.	Tandem Switching Revenue Requirement	Volume 2, Section 1	\$722,545
16.	plus: Tandem Switched Port Card Revenue Requirement		\$29,869
17.	plus: Tandem Switched Multiplexer Revenue Requirement		\$2,893
18.	Adjusted Rate Making Revenue Requirement		\$755,306
19.	Total Tandem Switching MOUs	Line 14	210,467,650
20.	Initial Tandem Switching Rate	Line 18/ Line 19	0.003589

**Tandem Switched Transport Rate Calculation**

22.	DS1 Dedicated Transport Termination Rate (DTT)	Page 10, Line 47, Col (E)	\$48.80
23.	DS1 Dedicated Transport Facility Rate (DTF)	Page 10, Line 21, Col (E)	\$12.38
24.	DS1 MOU per Voice Grade Equivalent	MOU * 24 VG Equiv	115,632
25.	Tandem Switched Term (TST) Initial Rate	Line 22/Line 24	0.000422
26.	Tandem Switched Facility (TSF) Initial Rate	Line 23/Line 24	0.000107
27.	Tandem Switched Term Adj - Host Remote	Host-Remote Worksheet	0.000034
28.	Tandem Switched Facility Adj - Host Remote	Host-Remote Worksheet	0.000009
29.	TST Rate Before TIC Elimination Adjustment	Line 25 + 27	0.000456
30.	TSF Rate Before TIC Elimination Adjustment	Line 26 + 28	0.000116

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Direct Trunked Transport Revenues**

## ALLTEL ARKANSAS

Ln	Source	Quantity
1.	VG Dedicated Transport Termination Rate (DTT)	Page 10, Ln 36,Col(E) \$12.86
2.	VG Dedicated Transport Facility Rate (DTF)	Page 10, Ln 20,Col(E) \$0.83
3.	DS1 Dedicated Transport Termination Rate (DTT)	Page 5, Line 22 \$48.80
4.	DS1 Dedicated Transport Facility Rate (DTF)	Page 5, Line 23 \$12.38
5.	DS3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 48,Col(E) \$669.65
6.	DS3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 32,Col(E) \$81.03
6A.	OC3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 49,Col(E) \$1,823.12
6B.	OC3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 33,Col(E) \$220.98
6C.	OC12 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 50,Col(E) \$2,117.76
6D.	OC12 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 34,Col(E) \$331.48
7.	Direct Trunked VG Terminations	Forecast Demand 88
8.	Direct Trunked VG Miles	Vol 4, Sec 4 ALOH * Line 7 1,892
9.	Direct Trunked DS1 Terminations	Forecast Demand 2,624
10.	Direct Trunked DS1 Miles	Vol 4, Sec 4 ALOH * Line 9 44,371
11.	Direct Trunked DS3 Terminations	Forecast Demand 0
12.	Direct Trunked DS3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12A.	Direct Trunked OC3 Terminations	Forecast Demand 0
12B.	Direct Trunked OC3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12C.	Direct Trunked OC12 Terminations	Forecast Demand 0
12D.	Direct Trunked OC12 Miles	Vol 4, Sec 4 ALOH * Line 11 0
13.	Direct Trunked Termination Revenues	\$129,177
14.	Direct Trunked Facility Revenues	\$550,650
15.	DS1 to Voice Mux	Volume 4, Section 3 0
16.	DS3 to DS1 Mux	Volume 4, Section 3 0
17.	Multiplexing Revenue	(Ln 16 * Pg 9,Ln19)+(Ln 17*Pg 9,Ln 24) \$0
18.	Total Direct Trunked Transport Revenues	(Ln 13+Ln14+Ln 17) <u>\$679,827</u>

**Entrance Facility Revenues**

19.	VG2W Entrance Facility Rate	Page 10, Ln 3,Col(E) \$18.42
20.	VG4W Entrance Facility Rate	Page 10, Ln 4,Col(E) \$29.46
21.	DS1 Entrance Facility Rate	Page 10, Ln 15,Col(E) \$146.39
22.	DS3 Entrance Facility Rate	Page 10, Ln 16,Col(E) \$1,516.44
22A.	OC3 Entrance Facility Rate	Page 10, Ln 17,Col(E) \$2,393.99
22B.	OC12 Entrance Facility Rate	Page 10, Ln 18,Col(E) \$2,854.37
23.	VG 2W Entrance Facilities	Forecast Demand 0
24.	VG 4W Entrance Facilities	Forecast Demand 0
25.	DS1 Entrance Facilities	Forecast Demand 1,103
26.	DS3 Entrance Facilities	Forecast Demand 0
26A.	OC3 Entrance Facilities	Forecast Demand 0
26B.	OC12 Entrance Facilities	Forecast Demand 0
27.	Total Entrance Facility Revenues	(Ln20*Ln24+Ln21*Ln25+Ln 22*Ln26+Ln19*Ln23+Ln 22A*Ln26A+Ln22B*Ln26B) <u>\$161,472</u>

**Tandem Switched Transport Revenues**

28.	Term MOUs - Remote to Host	Page 5, Ln 12 282,217,985
29.	MOU Miles - Remote to Host	Page 5,Ln 10 2,023,359,452
30.	TST Revenues Remote to Host	Ln 28 * Pg5, Ln 29 \$128,686
31.	TSF Revenues Remote to Host	Ln 29 * Page 5, Ln 30 \$233,934
32.	Total Revenues Remote to Host	Line 31+Line 32 <u>\$362,620</u>
33.	Term MOUs - End Office/Host	Page 5, Ln11-Page 5, Ln12 203,292,616
34.	MOU Miles - End Office/Host	Page 5, Ln9-Page 5, Ln10 4,360,028,701
35.	TST Revenues from End Office/Host	Ln33 * Page 5, Ln 29 \$92,698
36.	TSF Revenues from End Office/Host	Ln34 * Page 5, Ln 30 \$504,091
37.	Total Revenues from End Office/Host	Line 35+Line 36 <u>\$596,789</u>
38.	Total Tandem Switched Transport Revenues	Line 32+Line 37 <u>\$959,409</u>

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access

**800 Data Base Query Revenues**

ALLTEL ARKANSAS

Ln	Source	Quantity
1.	Basic Query Charge per Query	SCP Tariff Rate
2.	Total Basic Queries	Volume 4 Section 5
3.	Enhanced Query Charge per Query	SCP Tariff Rate
4.	Total Enhanced Queries	Volume 4 Section 5
5.	Total 800 Data Base Revenues	Ln 1 * Ln 2 + Ln 3 * Ln 4
		<u>\$35,871</u>

**Transport Interconnection Charge (TIC) Calculation**

Ln	Source	Quantity
6a.	Transport Revenue Requirement	Volume 2, Section 1
		<u>\$2,678,837</u>
	Revenue Requirement Adjustment	
6b.	Single Bill Settlement, Receivable	Volume 3, Page 10
6c.	Single Bill Settlement, Payable	Volume 3, Page 10
6d.	Net Settlement	Volume 3, Page 10
		<u>\$0</u>
6e.	Analog Revenue Requirement	
		<u>\$0</u>
6f.	Rate Making Revenue Requirement	L6a+L6d-6e
		<u>\$2,678,837</u>
7.	Total Direct Trunked Revenues	Page 6, Line 18
8.	Total Entrance Facility Revenues	Page 6, Line 27
8a.	Initial Tandem Switching Revenues	Page 5, Line 18
9.	Initial Tandem Switched Transport Revenues	Page 6, Line 39
10.	Total NRC Revenues	Page 3, Line 6
11.	800 Data Base Query Revenues	Line 5
11a.	Less: TIC Allocation to Common Line	Page 2, Line 1b
11b.	Less: TIC Allocation to Local Switching	Page 4, Line 1f
11c.	Less: TIC Allocation to Information Surcharge	Page 4, Line 7a
11d.	Less: TIC Allocation to Special Access	Page 9, Line 12a
12.	TIC to be allocated to Transport Elements	Ln 6f-(Sum Lns 7 thru 11d)
12a.	TIC Rate Adjustment to TST	TIC Elimination Worksheet
12b.	TIC Rate Adjustment to TSF	TIC Elimination Worksheet
12c.	TIC Rate Adjustment to Tandem Switching	TIC Elimination Worksheet
12d.	Additional TST Revenue	Ln 12a * Page 5, Ln 11
12e.	Additional TSF Revenue	Ln 12b * Page 5, Ln 9
12f.	Additional Tandem Switching Revenue	Ln 12c * Page 5, Ln 19
12g.	TIC after TST,TSF, Tandem Switching Adjustments	Ln 12 - 12d - 12e - 12f
12h.	Final TST Rate	Ln 12a + Page 5, Ln 29
12i.	Final TSF Rate	Ln 12b + Page 5, Ln 30
12j.	Final Tandem Switching Rate	Ln 12c + Page 5, Ln 20
13.	Total Premium Local Switching MOUs	Page 4, Line 2
14.	Total Non-Premium Local Switching MOUs	Page 4, Line 3
15.	Total Weighted MOUs	Line 13 + Line 14 *45%
16.	Premium TIC	Line 12g / Line 15
17.	Non-Premium TIC	Line 16 * 45%
		<u>\$0</u>
		<u>323,199,708</u>
		<u>0.000000</u>
		<u>0.000000</u>

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access**  
**Nonrecurring Revenues**

## ALLTEL ARKANSAS

Ln	Installation/Provisions	(A) NRC Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Telegraph 2W/4W	\$196.00	0	\$0
2.	Voice Grade 2W/4W	\$215.00	9	\$1,935
3.	Program Audio	\$190.00	0	\$0
4.	Digital Data	\$140.00	15	\$2,100
5.	High Capacity 1.544	\$303.00	207	\$62,721
6.	High Capacity 44.736	\$333.00	3	\$999
7.	ADSL Access Port	\$99.95	0	\$0
8.	ADSL Logical Link	\$19.95	0	\$0
9.	ADSL Network Access Link - DS1	\$499.95	0	\$0
9.	ADSL Network Access Link - DS3	\$700.00	0	\$0
<u>Orders</u>				
10.	Special Access Orders	\$68.00	236	\$16,048
11.	Date Change / Design Change	\$18.00	0	\$0
12.	Total NRC Revenues			\$83,803

## Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**Optional Feature and Function Revenues**

Ln	Feature	(A) Monthly OFF Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Bridging	\$5.80	633	\$3,671
2.	C-Conditioning	\$19.30	12	\$232
3.	Data Conditioning	\$19.30	42	\$811
4.	Improved Return Loss 2W/4W	\$18.50	20	\$370
5.	Signaling Capability	\$2.70	0	\$0
6.	Customer Specified Receive Level	\$12.70	0	\$0
7.	Digital Data Channel Service Unit 9.6 Kbps	\$24.20	0	\$0
8.	Selective Signaling Arrangement	\$18.50	0	\$0
9.	Multiplexing DS1 to Voice	\$149.70	24	\$3,593
10.	Multiplexing DS1 to DSO	\$149.70	24	\$3,593
11.	Improved Termination Option, per CT 2 Wire	\$10.98	0	\$0
12.	Improved Termination Option, per CT 4 Wire	\$10.98	0	\$0
13.	Program Audio Conditioning - zero loss	\$12.00	24	\$288
14.	Multiplexing DS3 to DS1	\$302.10	57	\$17,220
15.	ADSL Access Port 1	\$29.95	1,393	\$41,720
16.	ADSL Access Port 2	\$59.95	643	\$38,548
17.	ADSL Access Port 3	\$119.95	612	\$73,409
18.	ADSL Additional Logical Link	\$19.95	0	\$0
19.	ADSL Network Access Link - Per DS1	\$399.95	12	\$4,799
20.	ADSL Network Access Link - Per DS3	\$2,950.00	0	\$0
21.	ADSL Additional Logical Access Link Blocks	\$99.95	0	\$0
22.	Total Optional Special Access Revenues			\$188,254

## Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access**  
**ICB Revenues**

ALLTEL ARKANSAS

Ln	Rate Element	Source	Test Period
1.	Channel Termination ICB Revenues	Volume 3	\$0
2.	Channel Mileage Facility ICB Revenues	Volume 3	\$0
3.	Channel Mileage Termination ICB Revenues	Volume 3	\$0
4.	Total ICB Revenues (Ln 6 * Ln 7)		\$0

**Special Access Revenue Requirement Adjustment**

5.	Single Bill Settlement , Receivable	Volume 3	\$0
6.	Single Bill Settlement , Payable	Volume 3	\$0
7.	Single Bill Settlement , Net Adjustment	Line 5+ Line 6	\$0

**Revenue Requirement**

	Source	
8.	Total Special Access Rev Req	Volume 2, Section 1
		\$5,481,963
9.	(+)/(-) Single Bill Settlement Adjustment	Line 7
		\$0
10.	Less: Nonrecurring Charge Revs	Page 8, Line 12
		(\$83,803)
11.	Less: Optional Feature & Function Revs	Page 8, Line 21
		(\$188,254)
12.	Less: ICB revenues	Line 4
		\$-0
12a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 5
		\$0
13.	Total Rate Making Rev Req	Sum (Lines 8 thru 12a)
		\$5,209,906

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access**

ALLTEL ARKANSAS

Ln	Channel Termination	(A) Index	(B) Test Period Demand	(C)=A*B Annualized Weighted Demand	(D) CT Rev Req	(E) CT Rate
1	Telegraph 2 Wire	1.2000	0	0		\$22.10
2	Telegraph 4 Wire	1.8000	0	0		\$33.15
3	Voice Grade 2 Wire	1.0000	404	404		\$18.42
4	Voice Grade 4 Wire	1.6000	2,043	3,269		\$29.46
5	Program Audio 3.5 khz	0.8000	30	24		\$14.73
6	Program Audio 5.0 khz	1.0000	0	0		\$18.42
7	Program Audio 8.0 khz	1.0000	30	30		\$18.42
8	Program Audio 15 khz	1.0000	0	0		\$18.42
9	Digital Data 2.4 Kbps	2.9660	15	44		\$54.62
10	Digital Data 4.8 Kbps	2.9660	6	18		\$54.62
11	Digital Data 9.6 Kbps	2.9660	342	1,014		\$54.62
12	Digital Data 19.2 Kbps	2.9660	60	178		\$54.62
13	Digital Data 56 Kbps	2.9660	4,728	14,023		\$54.62
14	Digital Data 64 Kbps	2.9660	882	2,616		\$54.62
15	High Capacity 1.54 Mbps	7.9495	10,215	81,205		\$146.39
16	High Capacity 44.746	82.3468	129	10,623		\$1,516.44
17	SOCS OC3	130.0000	0	0		\$2,393.99
18	SOCS OC12	155.0000	0	0		\$2,854.37
			18,884	113,448		
						CMF
						Rate
19	Telegraph	0.0964	0	0		\$1.78
20	Voice Grade	0.0448	52,618	2,357		\$0.83
21	Program Audio 3.5 khz	0.0464	0	0		\$0.85
22	Program Audio 5.0 khz	0.0776	0	0		\$1.43
23	Program Audio 8.0 khz	0.0800	0	0		\$1.47
24	Program Audio 15 khz	0.2272	0	0		\$4.18
25	Digital Data 2.4 Kbps	0.0520	642	33		\$0.96
26	Digital Data 4.8 Kbps	0.0520	257	13		\$0.96
27	Digital Data 9.6 Kbps	0.0520	14,632	761		\$0.96
28	Digital Data 19.2 Kbps	0.0520	2,567	133		\$0.96
29	Digital Data 56 Kbps	0.0520	139,038	7,230		\$0.96
30	Digital Data 64 Kbps	0.0520	25,937	1,349		\$0.96
31	High Capacity 1.544	0.6720	172,730	116,075		\$12.38
32	High Capacity 44.736	4.4000	1,695	7,457		\$81.03
33	SOCS OC3	12.0000	0	0		\$220.98
34	SOCS OC12	18.0000	0	0		\$331.48
			410,116	135,408		
						CMT
						Rate
35	Telegraph	0.7376	0	0		\$13.58
36	Voice Grade	0.6984	2,535	1,770		\$12.86
37	Program Audio 3.5 khz	0.6628	0	0		\$12.21
38	Program Audio 5.0 khz	0.7820	0	0		\$14.40
39	Program Audio 8.0 khz	0.7820	0	0		\$14.40
40	Program Audio 15 khz	0.7820	0	0		\$14.40
41	Digital Data 2.4 Kbps	1.4000	21	30		\$25.78
42	Digital Data 4.8 Kbps	1.4000	9	12		\$25.78
43	Digital Data 9.6 Kbps	1.4000	488	683		\$25.78
44	Digital Data 19.2 Kbps	1.4000	86	120		\$25.78
45	Digital Data 56 Kbps	1.4000	4,222	5,911		\$25.78
46	Digital Data 64 Kbps	1.4000	788	1,103		\$25.78
47	High Capacity 1.544	2.6498	7,572	20,063		\$48.80
48	High Capacity 44.736 Mbps	36.3640	120	4,364		\$669.65
49	SOCS OC3	99.0000	0	0		\$1,823.12
50	SOCS OC12	115.0000	0	0		\$2,117.76
			15,839	34,055		
				282,912		\$5,209,906

Col (A) = Volume 3  
Col (B) = Volume 4, Section 4

Col (C) = Col (A) \* Col (B) Col (C) Total]  
Col (D) = Page 9, Line 13

**ALLTEL Telephone Services Corporation**  
**2002 Annual Tariff Filing, Revised June 28, 2002**

**Special Access**  
**Calculation of Recurring Special Access Revenues**

## ALLTEL ARKANSAS

Ln	Service	(A) CT Rate	(B) CT Revenue	(C) CMF Rate	(D) CMF Revenue*	(E) CMT Rate	(F) CMT Revenue*
1.	Telegraph 2 Wire	\$22.10	\$0				
2.	Telegraph 4 Wire	\$33.15	\$0	\$1.78	\$0	\$13.58	\$0
3.	Voice Grade 2 Wire	\$18.42	\$7,440				
4.	Voice Grade 4 Wire	\$29.46	\$60,196	\$0.83	\$43,410	\$12.86	\$32,597
5.	Program Audio 3.5 khz	\$14.73	\$442	\$0.85	\$0	\$12.21	\$0
6.	Program Audio 5.0 khz	\$18.42	\$0	\$1.43	\$0	\$14.40	\$0
7.	Program Audio 8.0 khz	\$18.42	\$552	\$1.47	\$0	\$14.40	\$0
8.	Program Audio 15 khz	\$18.42	\$0	\$4.18	\$0	\$14.40	\$0
9.	Digital Data 2.4 Kbps	\$54.62	\$819	\$0.96	\$615	\$25.78	\$551
10.	Digital Data 4.8 Kbps	\$54.62	\$328	\$0.96	\$246	\$25.78	\$221
11.	Digital Data 9.6 Kbps	\$54.62	\$18,680	\$0.96	\$14,011	\$25.78	\$12,569
12.	Digital Data 19.2 Kbps	\$54.62	\$3,277	\$0.96	\$2,458	\$25.78	\$2,205
13.	Digital Data 56 Kbps	\$54.62	\$258,242	\$0.96	\$133,143	\$25.78	\$108,858
14.	Digital Data 64 Kbps	\$54.62	\$48,175	\$0.96	\$24,838	\$25.78	\$20,307
15.	High Capacity 1.544	\$146.39	\$1,495,406	\$12.38	\$2,137,554	\$48.80	\$369,472
16.	High Capacity 44.736	\$1,516.44	\$195,621	\$81.03	\$137,315	\$669.65	\$80,358
16.	SOCS OC3	\$2,393.99	\$0	\$220.98	\$0	\$1,823.12	\$0
16.	SOCS OC12	\$2,854.37	\$0	\$331.48	\$0	\$2,117.76	\$0
			\$2,089,179		\$2,493,589		\$627,139

## Sources:

Cols (A), (C) and (E) = Page 10, Col (E) Col (B) = Col (A) * Page 10, Col (B) Col (D) = Col (C) * Page 10, Col (B) Col (F) = Col (E) * Page 10, Col (B)
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**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Special Access  
**Crossover Analysis**

ALLTEL ARKANSAS

**Voice Grade to Hi Cap DS1**

Config	Element	(A)	(B)
		Voice Grade 4 Wire	Hi-Cap 1.544 Mbps
2	CT	\$58.93	\$292.79
10	CMF	\$8.25	\$123.75
2	CMT	\$25.72	\$97.60
Total Config		\$92.90	\$514.13

DS1 to VG 4W Crossover (Total Col (B) / Total Col (A))

5.53

Sources:

Col (A) = Config Column * VG4W Rates from Page 11
Col (B) = Config Column * Hi Cap 1.544 Rates from Page 11

**Transport Benchmark**

Config	Element	(A)	(B)
		DS1	DS3
1	CT	\$146.39	\$1,516.44
10	CMF	\$123.75	\$810.27
2	CMT	\$97.60	\$1,339.31
1	MUX	n/a	\$302.10
Total Config		\$367.74	\$3,968.12

DS3 to DS1 Crossover (Total Col (B) / Total Col (A))

10.79

Sources:

Col (A) = Config Column * DS1 Rates from Page 11
Col (B) = Config Column * DS3 Rates from Page 11

**Calculation of Host-Remote / TIC Adjustment  
(FCC 97-158, 1st Report & Order, Para 220)**

	Before Host Remote Adj	After Host Remote Adj
TST Revenues Remote to Host	\$119,096	
TSF Revenues Remote to Host	\$216,499	
Total Revenues Remote to Host	\$335,595	
TST Remote/Host MOU TERM's	282,217,985	
TSF Remote/Host MOU/Miles	2,023,359,452	
Total Host-Remote Investment	\$4,577,097	
Total Interstate TS SW Rev Req	\$4,473,199	
Total Interstate TS SW TPIS	\$24,738,922	
Total Interstate TS SW Factor	0.180816	
Total Host-Remote Rev Req	\$827,612	
Total Shortfall going to TIC		\$492,017
TST Shortfall going to TIC		\$174,607
TSF Shortfall going to TIC		\$317,410
TST Rate adj for H-R		0.000360
TSF Rate adj for H-R		0.000050
Total Transport Rev Req (Ln 6h)	\$2,678,837	
Less: Direct Trunk Revenues	\$679,827	
Less: Entrance Facility Revenues	\$161,472	
Less: Tandem Switching Revenues	\$755,306	
Less: NRC Revenues	\$86,952	
Less: 800 DBQ Revenues	\$35,871	
Requirement from Common Tspt	\$959,409	
Total Common TST MOU Terms	485,510,601	
Total Common TSF MOU/Miles	6,383,388,153	
Initial TST rate (Ln 17 workpapers)	\$0.000422	
Initial TSF rate (Ln 18 workpapers)	\$0.000107	
Initial TST Revenues	\$204,885	
Initial TSF Revenues	\$683,023	
Initial total TST/TSF revenues	\$887,908	
Maximum TST rev req		\$221,384
Maximum TSF rev req		\$738,025
Maximum TST rate adj		\$0.000034
Maximum TSF rate adj		\$0.000009
Adj needed to TST Rate		0.000034
Adj needed to TSF Rate		0.000009

**ALLTEL Telephone Services Corporation**  
**Transport Interconnection Charge (TIC) Revenue Allocation**  
**Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 14**

ALLTEL ARKANSAS	Source	Revenue Requirement	% of Total	TIC Amount Reallocated
1. Common Line	TRP Form COS1-P Line 100 Less USF Contribution	\$10,459,222	51.23%	\$0
2. Local Switching	Volume 5, Page 4, Ln 1d	\$1,719,725	8.42%	\$0
3. Information	Volume 5, Page 4, Ln 7	\$74,637	0.37%	\$0
4. Transport Less TIC Revenue	ACR-1 Projected (Column I)	\$2,678,837	13.12%	\$0
5. Special Access	Volume 5, Page 9, Ln 8	\$5,481,963	26.85%	\$0
Total		\$20,414,384		
6. TIC Revenue July 00 - June 01	CABS Billing	\$243,979		
7. Projected TIC Revenues	Revised June 28, 2002 Annual Tariff Filing, Vol 5, Pg	\$0		
8. TIC to be allocated	Minimum CABS Billed or Projected	\$0		

**ALLTEL Telephone Services Corporation  
 Transport Interconnection Charge (TIC) Elimination  
 Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 15**

	Source	Revenue Requirement	% of Total	TIC Amount Reallocated
ALLTEL ARKANSAS				
1. Tandem Switching	Volume 5, Page 5, Line 18	\$755,306	44.05%	(\$0)
2. Initial Tandem Switched Termination Revenue	Volume 5, Page 6, Lns 30 + 35	\$221,384	12.91%	(\$0)
3. Initial Tandem Switched Facility Revenue	Volume 5, Page 6, Lns 31 + 36	\$738,025	43.04%	(\$0)
4. Total		\$1,714,715		
5. TIC to be allocated to Transport Elements	Volume 5, Page 7, line 12			(\$0)
6. TIC Rate Adjustment - Tandem Switching	Ln 1 / Volume 5, Page 5, Line 19	(0.000000)		
7. TIC Rate Adjustment - TST	Ln 2 / Volume 5, Page 5, Line 11	(0.000000)		
8. TIC Rate Adjustment - TSF	Ln 3 / Volume 5, Page 5, Line 9	(0.000000)		

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Rate Development Summary**

**ALLTEL FLORIDA**

**End User**

End User - Multiline Business	\$7.94
End User - Single Line Business / Residential	\$6.00

**Carrier Common Line**

Premium Originating	N/A	NonPremium Originating	N/A
Premium Terminating	N/A	NonPremium Terminating	N/A

**Traffic Sensitive - Switched**

<b>Premium</b>		<b>NonPremium</b>	
Local Switching	0.004562	Local Switching	0.002053
Information Surcharge	0.000232	Information Surcharge	0.000104
TIC	0.000000	TIC	0.000000

**Tandem Switched**

Termination	0.000169
Facility	0.000062
Switching	0.002202

**Direct Trunked**

VG Termination	\$20.30
VG Facility	\$1.50
DS1 Termination	\$51.41
DS1 Facility	\$18.80
DS1 Multiplexing	\$149.70
DS3 Termination	\$984.41
DS3 Facility	\$56.40
DS3 Multiplexing	\$302.10

**Entrance Facility**

VG2W	\$27.07
VG4W	\$43.31
DS1	\$163.29
DS3	\$2,876.70

**Traffic Sensitive - Special**

Service	Channel		Channel Mileage
	Termination	Facility	Termination
Telegraph 2 Wire	\$30.08	\$3.54	\$3.72
Telegraph 4 Wire	\$41.36	\$3.54	\$3.72
Voice Grade 2 Wire	\$27.07	\$1.50	\$20.30
Voice Grade 4 Wire	\$43.31	\$1.50	\$20.30
Program Audio 3.5 khz	\$19.93	\$0.68	\$13.54
Program Audio 5.0 khz	\$30.08	\$0.75	\$18.80
Program Audio 8.0 khz	\$30.08	\$0.75	\$18.80
Program Audio 15 khz	\$30.08	\$0.75	\$18.80
Digital Data 2.4 Kbps	\$48.88	\$1.43	\$15.04
Digital Data 4.8 Kbps	\$48.88	\$1.43	\$15.04
Digital Data 9.6 Kbps	\$48.88	\$1.43	\$15.04
Digital Data 19.2 Kbps	\$48.88	\$1.43	\$15.04
Digital Data 56 Kbps	\$76.70	\$3.01	\$30.08
Digital Data 64 Kbps	\$76.70	\$3.01	\$30.08
High Capacity 1.544	\$163.29	\$18.80	\$51.41
High Capacity 44.736 Mbps	\$2,876.70	\$56.40	\$984.41

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

End User Rate Development

ALLTEL FLORIDA

Ln	End User Rate Development	Source	Amount
1.	BFP Revenue Requirement	Volume 2, Section 2	\$9,236,757
1a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 1	\$0
2.	Special Access Surchargeable Channels	Volume 4	312
3.	Special Access Surcharge Revenues	(Ln 2 * \$25)	\$7,800
4.	Adjusted BFP Revenue Requirement	(Ln 1 + 1a + 3)	\$9,228,957
5.	Test Period Mean Access Lines	Volume 4	96,814
6.	Annual Cost Per Line	Ln 4 / Ln 5	\$95.33
7.	Capped EUCL Multi-Line Rate		\$9.20
8.	Monthly Cost Per Line	Ln 6 / 12	\$7.94
9.	Monthly EUCL Multi-Line Rate	Smaller of Ln 7 or Ln 8	\$7.94
10.	Monthly EUCL Single Line Rate	Smaller of \$3.50 or Ln 9	\$6.00

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
 Switched Access  
**Nonrecurring Revenues**

ALLTEL FLORIDA

Ln	(A) Rate	(B) Test Period Demand	(C)=(A)*(B) Revenues	
1.	Switched Access Service Order, Miscellaneous Service Order and Interim NXX Translation	\$68.00	62	\$4,216
2.	Service Date Change, Design Change	\$18.00	0	\$0
3a.	Switched Access Trunk Conversion/Activation	\$112.00	0	\$0
3b.	Switched Access Installation Voice Grade 2 Wire	\$215.00	0	\$0
3c.	Switched Access Installation Voice Grade 4 Wire	\$215.00	0	\$0
3d.	Switched Access Installation High Capacity DS1	\$303.00	0	\$0
3e.	Switched Access Installation High Capacity DS3	\$333.00	0	\$0
4.	Presubscription	\$5.00	13,532	\$67,660
5.	Unauthorized PIC Change	\$30.00	0	\$0
6.	Total Non-Recurring Revenue Requirement			\$71,876

Sources:

Col (A) - Volume 3

Col (B) - Volume 4

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Local Switching Rate Development**

ALLTEL FLORIDA

Ln	Source	Quantity
1.	Local Switching Revenue Requirement (Includes Equal Access Revenue Requirement )	Volume 2, Section 1 \$1,077,807
1a.	SS7 Revenue Requirement	Volume 2, Section 1 \$11,674
1b.	plus: analog revenue requirement	\$0
1c.	less: DEM Weighting to be recovered through USF	\$0
1d.	Sub Total	Ln 1 + 1a + 1b - 1c \$1,089,481
1e.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 2 \$0
1f.	Adjusted Local Switching Revenue Requirement	Ln 1d - 1e \$1,089,481
2.	Premium Minutes of Use	Volume 4 238,803,102
3.	Non-Premium Minutes of Use	Volume 4 0
4.	Weighted Minutes	Ln 2 + (Ln 3 * 45%) 238,803,102
5.	Premium Local Switching Rate	(Ln 1g / Ln 4) 0.004562
6.	Non-Premium Local Switching Rate	(Ln 5 * 45%) 0.002053

**Information Surcharge Rate Development**

	Source	Quantity
7.	Information Surcharge Revenue Requirement	Volume 2, Section 1 \$55,382
7a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 3 \$0
7b.	Adjusted Information Surcharge Revenue Requirement	Ln 7 + 7a \$55,382
8.	Premium Minutes	Volume 4 238,803,102
9.	Non-Premium Minutes	Volume 4 0
10.	Weighted Minutes	Ln 8 + (Ln 9 * 45%) 238,803,102
11.	Prem Information Surcharge Rate per Minute	(Ln 7b / Ln 10) 0.000232
12.	NPrem Information Surcharge Rate per Minute	(Ln 11 * 45%) 0.000104

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Miscellaneous Data**

ALLTEL FLORIDA

Ln	Source	Quantity	
1.	Local Switching MOUs	Page 4, Lns 2 + 3	238,803,102
2.	Pct of Local Switch MOU is Common Tspt MOU	Volume 4, Section 4	82%
3.	Common Transport MOUs	Ln 1 * Ln 2	195,818,544
4.	Total Comm. Tspt Avg Length of Haul (ALOH)	Volume 4, Section 4	19.44
5.	Remote to Host Tspt ALOH	Volume 4, Section 4	10.35
6.	Avg # of Total Terms per Comm. Tspt MOU	Volume 4, Section 4	1.52
7.	Avg # of Terms per Circuit		n/a
8.	Avg # of Remote Terms per Comm. Tspt MOU	Volume 4, Section 4	0.76
9.	Total Comm. Tspt MOU Miles	Ln 3 * Ln 4	3,806,712,488
10.	Total Remote-Host MOU Miles	Ln 3 * Ln 5	2,026,721,927
11.	Total Comm. Tspt Terms	Ln 3 * Ln 6	297,644,186
12.	Total Remote-Host Terms	Ln 3 * Ln 8	148,822,093
13.	Tandem Switch MOU % of Comm. Tspt MOU	Volume 4, Section 4	60%
14.	Tandem Switching MOU	Ln 3 * Ln 13	117,491,126

**Tandem Switching Rate Development**

Ln	Source	Quantity	
15.	Tandem Switching Revenue Requirement	Volume 2, Section 1	\$228,608
16.	plus: Tandem Switched Port Card Revenue Requirement		\$23,994
17.	plus: Tandem Switched Multiplexer Revenue Requirement		\$6,094
18.	Adjusted Rate Making Revenue Requirement		\$258,696
19.	Total Tandem Switching MOUs	Line 14	117,491,126
20.	Initial Tandem Switching Rate	Line 18/ Line 19	0.002202

**Tandem Switched Transport Rate Calculation**

22.	DS1 Dedicated Transport Termination Rate (DTT)	Page 10, Line 47, Col (E)	\$51.41
23.	DS1 Dedicated Transport Facility Rate (DTF)	Page 10, Line 21, Col (E)	\$18.80
24.	DS1 MOU per Voice Grade Equivalent	MOU * 24 VG Equiv	102,000
25.	Tandem Switched Term (TST) Initial Rate	Line 22/Line 24	0.000504
26.	Tandem Switched Facility (TSF) Initial Rate	Line 23/Line 24	0.000184
27.	Tandem Switched Term Adj - Host Remote	Host-Remote Worksheet	-0.000335
28.	Tandem Switched Facility Adj - Host Remote	Host-Remote Worksheet	-0.000122
29.	TST Rate Before TIC Elimination Adjustment	Line 25 + 27	0.000169
30.	TSF Rate Before TIC Elimination Adjustment	Line 26 + 28	0.000062

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Direct Trunked Transport Revenues**

## ALLTEL FLORIDA

Ln	Source	Quantity
1.	VG Dedicated Transport Termination Rate (DTT)	Page 10, Ln 36,Col(E) \$20.30
2.	VG Dedicated Transport Facility Rate (DTF)	Page 10, Ln 20,Col(E) \$1.50
3.	DS1 Dedicated Transport Termination Rate (DTT)	Page 5, Line 22 \$51.41
4.	DS1 Dedicated Transport Facility Rate (DTF)	Page 5, Line 23 \$18.80
5.	DS3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 48,Col(E) \$984.41
6.	DS3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 32,Col(E) \$56.40
6A.	OC3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 49,Col(E) \$2,030.32
6B.	OC3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 33,Col(E) \$216.57
6C.	OC12 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 50,Col(E) \$2,301.03
6D.	OC12 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 34,Col(E) \$351.92
7.	Direct Trunked VG Terminations	Forecast Demand 0
8.	Direct Trunked VG Miles	Vol 4, Sec 4 ALOH * Line 7 0
9.	Direct Trunked DS1 Terminations	Forecast Demand 930
10.	Direct Trunked DS1 Miles	Vol 4, Sec 4 ALOH * Line 9 10,678
11.	Direct Trunked DS3 Terminations	Forecast Demand 0
12.	Direct Trunked DS3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12A.	Direct Trunked OC3 Terminations	Forecast Demand 0
12B.	Direct Trunked OC3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12C.	Direct Trunked OC12 Terminations	Forecast Demand 0
12D.	Direct Trunked OC12 Miles	Vol 4, Sec 4 ALOH * Line 11 0
13.	Direct Trunked Termination Revenues	\$47,808
14.	Direct Trunked Facility Revenues	\$200,735
15.	DS1 to Voice Mux	Volume 4, Section 3 1
16.	DS3 to DS1 Mux	Volume 4, Section 3 0
17.	Multiplexing Revenue	(Ln 16 * Pg 9,Ln19)+(Ln 17*Pg 9,Ln 24) \$150
18.	Total Direct Trunked Transport Revenues	(Ln 13+Ln14+Ln 17) <u>\$248,692</u>

**Entrance Facility Revenues**

19.	VG2W Entrance Facility Rate	Page 10, Ln 3,Col(E) \$27.07
20.	VG4W Entrance Facility Rate	Page 10, Ln 4,Col(E) \$43.31
21.	DS1 Entrance Facility Rate	Page 10, Ln 15,Col(E) \$163.29
22.	DS3 Entrance Facility Rate	Page 10, Ln 16,Col(E) \$2,876.70
22A.	OC3 Entrance Facility Rate	Page 10, Ln 17,Col(E) \$2,652.96
22B.	OC12 Entrance Facility Rate	Page 10, Ln 18,Col(E) \$2,977.81
23.	VG 2W Entrance Facilities	Forecast Demand 0
24.	VG 4W Entrance Facilities	Forecast Demand 0
25.	DS1 Entrance Facilities	Forecast Demand 310
26.	DS3 Entrance Facilities	Forecast Demand 0
26A.	OC3 Entrance Facilities	Forecast Demand 0
26B.	OC12 Entrance Facilities	Forecast Demand 0
27.	Total Entrance Facility Revenues	(Ln20*Ln24+Ln21*Ln25+Ln 22*Ln26+Ln19*Ln23+Ln 22A*Ln26A+Ln22B*Ln26B) <u>\$50,620</u>

**Tandem Switched Transport Revenues**

28.	Term MOUs - Remote to Host	Page 5, Ln 12 148,822,093
29.	MOU Miles - Remote to Host	Page 5,Ln 10 2,026,721,927
30.	TST Revenues Remote to Host	Ln 28 * Pg5, Ln 29 \$25,133
31.	TSF Revenues Remote to Host	Ln 29 * Page 5, Ln 30 \$124,957
32.	Total Revenues Remote to Host	Line 31+Line 32 <u>\$150,090</u>
33.	Term MOUs - End Office/Host	Page 5, Ln11-Page 5, Ln12 148,822,093
34.	MOU Miles - End Office/Host	Page 5, Ln9-Page 5, Ln10 1,779,990,562
35.	TST Revenues from End Office/Host	Ln33 * Page 5, Ln 29 \$25,133
36.	TSF Revenues from End Office/Host	Ln34 * Page 5, Ln 30 \$109,744
37.	Total Revenues from End Office/Host	Line 35+Line 36 <u>\$134,877</u>
38.	Total Tandem Switched Transport Revenues	Line 32+Line 37 <u>\$284,967</u>

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access

**800 Data Base Query Revenues**

ALLTEL FLORIDA

Ln	Source	Quantity
1.	Basic Query Charge per Query SCP Tariff Rate	0.001
2.	Total Basic Queries Volume 4 Section 5	31,317,557
3.	Enhanced Query Charge per Query SCP Tariff Rate	0.0012
4.	Total Enhanced Queries Volume 4 Section 5	0
5.	Total 800 Data Base Revenues Ln 1 * Ln 2 + Ln 3 * Ln 4	<u>\$31,318</u>

**Transport Interconnection Charge (TIC) Calculation**

Ln	Source	Quantity
6a.	Transport Revenue Requirement Volume 2, Section 1	\$946,169
	Revenue Requirement Adjustment	
6b.	Single Bill Settlement, Receivable Volume 3, Page 10	\$0
6c.	Single Bill Settlement, Payable Volume 3, Page 10	<u>\$0</u>
6d.	Net Settlement Volume 3, Page 10	\$0
6e.	Analog Revenue Requirement	\$0
6f.	Rate Making Revenue Requirement L6a+L6d-6e	<u>\$946,169</u>
7.	Total Direct Trunked Revenues Page 6, Line 18	\$248,692
8.	Total Entrance Facility Revenues Page 6, Line 27	\$50,620
8a.	Initial Tandem Switching Revenues Page 5, Line 18	\$258,696
9.	Initial Tandem Switched Transport Revenues Page 6, Line 39	\$284,967
10.	Total NRC Revenues Page 3, Line 6	\$71,876
11.	800 Data Base Query Revenues Line 5	\$31,318
11a.	Less: TIC Allocation to Common Line Page 2, Line 1b	\$0
11b.	Less: TIC Allocation to Local Switching Page 4, Line 1f	\$0
11c.	Less: TIC Allocation to Information Surcharge Page 4, Line 7a	\$0
11d.	Less: TIC Allocation to Special Access Page 9, Line 12a	\$0
12.	TIC to be allocated to Transport Elements Ln 6f-(Sum Lns 7 thru 11d)	\$0
12a.	TIC Rate Adjustment to TST TIC Elimination Worksheet	0.000000
12b.	TIC Rate Adjustment to TSF TIC Elimination Worksheet	0.000000
12c.	TIC Rate Adjustment to Tandem Switching TIC Elimination Worksheet	0.000000
12d.	Additional TST Revenue Ln 12a * Page 5, Ln 11	\$0
12e.	Additional TSF Revenue Ln 12b * Page 5, Ln 9	\$0
12f.	Additional Tandem Switching Revenue Ln 12c * Page 5, Ln 19	\$0
12g.	TIC after TST,TSF, Tandem Switching Adjustments Ln 12 - 12d - 12e - 12f	\$0
12h.	Final TST Rate Ln 12a + Page 5, Ln 29	0.000169
12i.	Final TSF Rate Ln 12b + Page 5, Ln 30	0.000062
12j.	Final Tandem Switching Rate Ln 12c + Page 5, Ln 20	0.002202
13.	Total Premium Local Switching MOUs Page 4, Line 2	238,803,102
14.	Total Non-Premium Local Switching MOUs Page 4, Line 3	<u>0</u>
15.	Total Weighted MOUs Line 13 + Line 14 *45%	238,803,102
16.	Premium TIC Line 12g / Line 15	0.000000
17.	Non-Premium TIC Line 16 * 45%	0.000000

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access**  
**Nonrecurring Revenues**

ALLTEL FLORIDA

Ln		(A) NRC Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Installation/Provisions			
1.	Telegraph 2W/4W	\$196.00	0	\$0
2.	Voice Grade 2W/4W	\$215.00	3	\$645
3.	Program Audio	\$190.00	0	\$0
4.	Digital Data	\$140.00	15	\$2,100
5.	High Capacity 1.544	\$303.00	60	\$18,180
6.	High Capacity 44.736	\$333.00	0	\$0
7.	ADSL Access Port	\$99.95	0	\$0
8.	ADSL Logical Link	\$19.95	0	\$0
9.	ADSL Network Access Link - DS1	\$499.95	0	\$0
9.	ADSL Network Access Link - DS3	\$700.00	0	\$0
	<u>Orders</u>			
10.	Special Access Orders	\$68.00	118	\$8,024
11.	Date Change / Design Change	\$18.00	0	\$0
12.	Total NRC Revenues			<u>\$28,949</u>

Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**Optional Feature and Function Revenues**

Ln	Feature	(A) Monthly OFF Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Bridging	\$5.80	12	\$70
2.	C-Conditioning	\$19.30	36	\$695
3.	Data Conditioning	\$19.30	207	\$3,995
4.	Improved Return Loss 2W/4W	\$18.50	57	\$1,055
5.	Signaling Capability	\$2.70	24	\$65
6.	Customer Specified Receive Level	\$12.70	24	\$305
7.	Digital Data Channel Service Unit 9.6 Kbps	\$24.20	0	\$0
8.	Selective Signaling Arrangement	\$18.50	0	\$0
9.	Multiplexing DS1 to Voice	\$149.70	119	\$17,814
10.	Multiplexing DS1 to DSO	\$149.70	0	\$0
11.	Improved Termination Option, per CT 2 Wire	\$10.98	0	\$0
12.	Improved Termination Option, per CT 4 Wire	\$10.98	0	\$0
13.	Program Audio Conditioning - zero loss	\$12.00	0	\$0
14.	Multiplexing DS3 to DS1	\$302.10	24	\$7,250
15.	ADSL Access Port 1	\$29.95	13,646	\$408,698
16.	ADSL Access Port 2	\$59.95	516	\$30,934
17.	ADSL Access Port 3	\$119.95	892	\$106,995
18.	ADSL Additional Logical Link	\$19.95	0	\$0
19.	ADSL Network Access Link - Per DS1	\$399.95	0	\$0
20.	ADSL Network Access Link - Per DS3	\$2,950.00	0	\$0
21.	ADSL Additional Logical Access Link Blocks	\$99.95	0	\$0
22.	Total Optional Special Access Revenues			<u>\$577,876</u>

Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access  
ICB Revenues**

ALLTEL FLORIDA

Ln	Rate Element	Source	Test Period
1.	Channel Termination ICB Revenues	Volume 3	\$0
2.	Channel Mileage Facility ICB Revenues	Volume 3	\$0
3.	Channel Mileage Termination ICB Revenues	Volume 3	\$0
4.	Total ICB Revenues (Ln 6 * Ln 7)		\$0

**Special Access Revenue Requirement Adjustment**

5.	Single Bill Settlement , Receivable	Volume 3	\$0
6.	Single Bill Settlement , Payable	Volume 3	\$0
7.	Single Bill Settlement , Net Adjustment	Line 5+ Line 6	\$0

**Revenue Requirement**

	Source		
8.	Total Special Access Rev Req	Volume 2, Section 1	\$2,901,147
9.	(+)/(-) Single Bill Settlement Adjustment	Line 7	\$0
10.	Less: Nonrecurring Charge Revs	Page 8, Line 12	(\$28,949)
11.	Less: Optional Feature & Function Revs	Page 8, Line 21	(\$577,876)
12.	Less: ICB revenues	Line 4	\$-0
12a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 5	\$0
13.	Total Rate Making Rev Req	Sum (Lines 8 thru 12a)	\$2,294,322

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access**

ALLTEL FLORIDA

Ln	Channel Termination	(A) Index	(B) Test Period Demand	(C)=A*B Annualized Weighted Demand	(D) CT Rev Req	(E) CT Rate
1	Telegraph 2 Wire	1.1111	0	0		\$30.08
2	Telegraph 4 Wire	1.5278	0	0		\$41.36
3	Voice Grade 2 Wire	1.0000	180	180		\$27.07
4	Voice Grade 4 Wire	1.6000	1,239	1,982		\$43.31
5	Program Audio 3.5 khz	0.7361	0	0		\$19.93
6	Program Audio 5.0 khz	1.1111	0	0		\$30.08
7	Program Audio 8.0 khz	1.1111	0	0		\$30.08
8	Program Audio 15 khz	1.1111	24	27		\$30.08
9	Digital Data 2.4 Kbps	1.8056	0	0		\$48.88
10	Digital Data 4.8 Kbps	1.8056	12	22		\$48.88
11	Digital Data 9.6 Kbps	1.8056	60	108		\$48.88
12	Digital Data 19.2 Kbps	1.8056	12	22		\$48.88
13	Digital Data 56 Kbps	2.8333	2,010	5,695		\$76.70
14	Digital Data 64 Kbps	2.8333	96	272		\$76.70
15	High Capacity 1.54 Mbps	6.0319	3,690	22,258		\$163.29
16	High Capacity 44.746	106.2651	42	4,463		\$2,876.70
17	SOCS OC3	98.0000	0	0		\$2,652.96
18	SOCS OC12	110.0000	0	0		\$2,977.81
			<u>7,365</u>	<u>35,029</u>		

CMF  
Rate

Ln	Channel Mileage Facility	(A)	(B)	(C)=A*B	(D)	(E)
19	Telegraph	0.1308	0	0		\$3.54
20	Voice Grade	0.0556	15,088	838		\$1.50
21	Program Audio 3.5 khz	0.0250	0	0		\$0.68
22	Program Audio 5.0 khz	0.0278	0	0		\$0.75
23	Program Audio 8.0 khz	0.0278	0	0		\$0.75
24	Program Audio 15 khz	0.0278	0	0		\$0.75
25	Digital Data 2.4 Kbps	0.0528	0	0		\$1.43
26	Digital Data 4.8 Kbps	0.0528	138	7		\$1.43
27	Digital Data 9.6 Kbps	0.0528	692	37		\$1.43
28	Digital Data 19.2 Kbps	0.0528	138	7		\$1.43
29	Digital Data 56 Kbps	0.1111	27,064	3,007		\$3.01
30	Digital Data 64 Kbps	0.1111	1,293	144		\$3.01
31	High Capacity 1.544	0.6944	42,367	29,421		\$18.80
32	High Capacity 44.736	2.0833	1,799	3,747		\$56.40
33	SOCS OC3	8.0000	0	0		\$216.57
34	SOCS OC12	13.0000	0	0		\$351.92
			<u>88,579</u>	<u>37,209</u>		

CMT  
Rate

Ln	Channel Mileage Termination	(A)	(B)	(C)=A*B	(D)	(E)
35	Telegraph	0.1375	0	0		\$3.72
36	Voice Grade	0.7500	1,065	799		\$20.30
37	Program Audio 3.5 khz	0.5000	0	0		\$13.54
38	Program Audio 5.0 khz	0.6944	0	0		\$18.80
39	Program Audio 8.0 khz	0.6944	0	0		\$18.80
40	Program Audio 15 khz	0.6944	36	25		\$18.80
41	Digital Data 2.4 Kbps	0.5556	0	0		\$15.04
42	Digital Data 4.8 Kbps	0.5556	12	7		\$15.04
43	Digital Data 9.6 Kbps	0.5556	60	33		\$15.04
44	Digital Data 19.2 Kbps	0.5556	12	7		\$15.04
45	Digital Data 56 Kbps	1.1111	1,981	2,202		\$30.08
46	Digital Data 64 Kbps	1.1111	95	105		\$30.08
47	High Capacity 1.544	1.8989	2,964	5,629		\$51.41
48	High Capacity 44.736 Mbps	36.3640	102	3,709		\$984.41
49	SOCS OC3	75.0000	0	0		\$2,030.32
50	SOCS OC12	85.0000	0	0		\$2,301.03
			<u>6,327</u>	<u>12,515</u>		
			<u>84,752</u>	<u>\$2,294,322</u>		

Col (A) = Volume 3  
Col (B) = Volume 4, Section 4  
Col (C) = Col (A) \* Col (B) Col (C) Total  
Col (D) = Page 9, Line 13

**ALLTEL Telephone Services Corporation**  
**2002 Annual Tariff Filing, Revised June 28, 2002**

**Special Access**  
**Calculation of Recurring Special Access Revenues**

## ALLTEL FLORIDA

Ln	Service	(A) CT Rate	(B) CT Revenue	(C) CMF Rate	(D) CMF Revenue*	(E) CMT Rate	(F) CMT Revenue*
1.	Telegraph 2 Wire	\$30.08	\$0				
2.	Telegraph 4 Wire	\$41.36	\$0	\$3.54	\$0	\$3.72	\$0
3.	Voice Grade 2 Wire	\$27.07	\$4,873				
4.	Voice Grade 4 Wire	\$43.31	\$53,666	\$1.50	\$22,692	\$20.30	\$21,623
5.	Program Audio 3.5 khz	\$19.93	\$0	\$0.68	\$0	\$13.54	\$0
6.	Program Audio 5.0 khz	\$30.08	\$0	\$0.75	\$0	\$18.80	\$0
7.	Program Audio 8.0 khz	\$30.08	\$0	\$0.75	\$0	\$18.80	\$0
8.	Program Audio 15 khz	\$30.08	\$722	\$0.75	\$0	\$18.80	\$677
9.	Digital Data 2.4 Kbps	\$48.88	\$0	\$1.43	\$0	\$15.04	\$0
10.	Digital Data 4.8 Kbps	\$48.88	\$587	\$1.43	\$198	\$15.04	\$180
11.	Digital Data 9.6 Kbps	\$48.88	\$2,933	\$1.43	\$989	\$15.04	\$902
12.	Digital Data 19.2 Kbps	\$48.88	\$587	\$1.43	\$198	\$15.04	\$180
13.	Digital Data 56 Kbps	\$76.70	\$154,169	\$3.01	\$81,406	\$30.08	\$59,597
14.	Digital Data 64 Kbps	\$76.70	\$7,363	\$3.01	\$3,888	\$30.08	\$2,846
15.	High Capacity 1.544	\$163.29	\$602,540	\$18.80	\$796,464	\$51.41	\$152,369
16.	High Capacity 44.736	\$2,876.70	\$120,821	\$56.40	\$101,442	\$984.41	\$100,410
16.	SOCS OC3	\$2,652.96	\$0	\$216.57	\$0	\$2,030.32	\$0
16.	SOCS OC12	\$2,977.81	\$0	\$351.92	\$0	\$2,301.03	\$0
			\$948,260		\$1,007,276		\$338,786

## Sources:

<p>Cols (A), (C) and (E) = Page 10, Col (E)  Col (B) = Col (A) * Page 10, Col (B)  Col (D) = Col (C) * Page 10, Col (B)  Col (F) = Col (E) * Page 10, Col (B)</p>
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**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Special Access  
**Crossover Analysis**

ALLTEL FLORIDA

**Voice Grade to Hi Cap DS1**

Config	Element	(A)	(B)
		Voice Grade 4 Wire	Hi-Cap 1.544 Mbps
2	CT	\$86.63	\$326.58
10	CMF	\$15.04	\$187.99
2	CMT	\$40.61	\$102.81
Total Config		\$142.27	\$617.38

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DS1 to VG 4W Crossover (Total Col (B) / Total Col (A)) 4.34

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Sources:

Col (A) = Config Column * VG4W Rates from Page 11
Col (B) = Config Column * Hi Cap 1.544 Rates from Page 11

**Transport Benchmark**

Config	Element	(A)	(B)
		DS1	DS3
1	CT	\$163.29	\$2,876.70
10	CMF	\$187.99	\$563.98
2	CMT	\$102.81	\$1,968.82
1	MUX	n/a	\$302.10
Total Config		\$454.10	\$5,711.60

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DS3 to DS1 Crossover (Total Col (B) / Total Col (A)) 12.58

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Sources:

Col (A) = Config Column * DS1 Rates from Page 11
Col (B) = Config Column * DS3 Rates from Page 11

**Calculation of Host-Remote / TIC Adjustment  
(FCC 97-158, 1st Report & Order, Para 220)**

	Before Host Remote Adj	After Host Remote Adj
TST Revenues Remote to Host	\$75,006	
TSF Revenues Remote to Host	\$372,917	
Total Revenues Remote to Host	\$447,923	
TST Remote/Host MOU TERM's	148,822,093	
TSF Remote/Host MOU/Miles	2,026,721,927	
Total Host-Remote Investment	\$800,335	
Total Interstate TS SW Rev Req	\$2,091,032	
Total Interstate TS SW TPIS	\$9,329,810	
Total Interstate TS SW Factor	0.224124	
Total Host-Remote Rev Req	\$179,374	
Total Shortfall going to TIC		\$0
TST Shortfall going to TIC		\$0
TSF Shortfall going to TIC		\$0
TST Rate adj for H-R		0.000000
TSF Rate adj for H-R		0.000000
Total Transport Rev Req (Ln 6h)	\$946,169	
Less: Direct Trunk Revenues	\$248,692	
Less: Entrance Facility Revenues	\$50,620	
Less: Tandem Switching Revenues	\$258,696	
Less: NRC Revenues	\$71,876	
Less: 800 DBQ Revenues	\$31,318	
Requirement from Common Tspt	\$284,967	
Total Common TST MOU Terms	297,644,186	
Total Common TSF MOU/Miles	3,806,712,488	
Initial TST rate (Ln 17 workpapers)	\$0.000504	
Initial TSF rate (Ln 18 workpapers)	\$0.000184	
Initial TST Revenues	\$150,013	
Initial TSF Revenues	\$700,435	
Initial total TST/TSF revenues	\$850,448	
Maximum TST rev req		\$50,266
Maximum TSF rev req		\$234,701
Maximum TST rate adj		(\$0.000335)
Maximum TSF rate adj		(\$0.000122)
Adj needed to TST Rate		-0.000335
Adj needed to TSF Rate		-0.000122

**ALLTEL Telephone Services Corporation**  
**Transport Interconnection Charge (TIC) Revenue Allocation**  
**Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 14**

ALLTEL FLORIDA	Source	Revenue Requirement	% of Total	TIC Amount Reallocated
1. Common Line	TRP Form COS1-P Line 100 Less USF Contribution	\$8,716,384	63.58%	\$0
2. Local Switching	Volume 5, Page 4, Ln 1d	\$1,089,481	7.95%	\$0
3. Information	Volume 5, Page 4, Ln 7	\$55,382	0.40%	\$0
4. Transport Less TIC Revenue	ACR-1 Projected (Column I)	\$946,169	6.90%	\$0
5. Special Access	Volume 5, Page 9, Ln 8	\$2,901,147	21.16%	\$0
Total		\$13,708,563		
6. TIC Revenue July 00 - June 01	CABS Billing	\$0		
7. Projected TIC Revenues	Revised June 28, 2002 Annual Tariff Filing, Vol 5, Pg	\$0		
8. TIC to be allocated	Minimum CABS Billed or Projected	\$0		

**ALLTEL Telephone Services Corporation  
 Transport Interconnection Charge (TIC) Elimination  
 Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 15**

		Revenue Requirement	% of Total	TIC Amount Reallocated
ALLTEL FLORIDA	Source			
1. Tandem Switching	Volume 5, Page 5, Line 18	\$258,696	47.58%	\$0
2. Initial Tandem Switched Termination Revenue	Volume 5, Page 6, Lns 30 + 35	\$50,266	9.25%	\$0
3. Initial Tandem Switched Facility Revenue	Volume 5, Page 6, Lns 31 + 36	\$234,701	43.17%	\$0
4. Total		\$543,663		
5. TIC to be allocated to Transport Elements	Volume 5, Page 7, line 12	\$0		
6. TIC Rate Adjustment - Tandem Switching	Ln 1 / Volume 5, Page 5, Line 19	0.000000		
7. TIC Rate Adjustment - TST	Ln 2 / Volume 5, Page 5, Line 11	0.000000		
8. TIC Rate Adjustment - TSF	Ln 3 / Volume 5, Page 5, Line 9	0.000000		

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Rate Development Summary**

**GEORGIA PROPERTIES**

**End User**

End User - Multiline Business	\$8.20
End User - Single Line Business / Residential	\$6.00

**Carrier Common Line**

Premium Originating	0.0019	NonPremium Originating	0.0009
Premium Terminating	0.0019	NonPremium Terminating	0.0009

**Traffic Sensitive - Switched**

<b>Premium</b>		<b>NonPremium</b>	
Local Switching	0.004924	Local Switching	0.002216
Information Surcharge	0.000174	Information Surcharge	0.000078
TIC	0.000000	TIC	0.000000

**Tandem Switched**

Termination	0.000242
Facility	0.000088
Switching	0.001345

**Direct Trunked**

VG Termination	\$16.56
VG Facility	\$1.23
DS1 Termination	\$41.93
DS1 Facility	\$15.33
DS1 Multiplexing	\$149.70
DS3 Termination	\$726.31
DS3 Facility	\$46.00
DS3 Multiplexing	\$302.10

**Entrance Facility**

VG2W	\$22.08
VG4W	\$35.33
DS1	\$133.20
DS3	\$2,346.54

**Traffic Sensitive - Special**

Service	Channel		Channel Mileage
	Termination	Facility	Termination
Telegraph 2 Wire	\$24.54	\$2.89	\$3.04
Telegraph 4 Wire	\$33.74	\$2.89	\$3.04
Voice Grade 2 Wire	\$22.08	\$1.23	\$16.56
Voice Grade 4 Wire	\$35.33	\$1.23	\$16.56
Program Audio 3.5 khz	\$16.25	\$0.55	\$11.04
Program Audio 5.0 khz	\$24.54	\$0.61	\$15.33
Program Audio 8.0 khz	\$24.54	\$0.61	\$15.33
Program Audio 15 khz	\$24.54	\$0.61	\$15.33
Digital Data 2.4 Kbps	\$39.87	\$1.17	\$12.27
Digital Data 4.8 Kbps	\$39.87	\$1.17	\$12.27
Digital Data 9.6 Kbps	\$39.87	\$1.17	\$12.27
Digital Data 19.2 Kbps	\$39.87	\$1.17	\$12.27
Digital Data 56 Kbps	\$62.57	\$2.45	\$24.54
Digital Data 64 Kbps	\$62.57	\$2.45	\$24.54
High Capacity 1.544	\$133.20	\$15.33	\$41.93
High Capacity 44.736 Mbps	\$2,346.54	\$46.00	\$726.31

**ALLTEL Telephone Services Corporation**  
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End User Rate Development

GEORGIA PROPERTIES

Ln	End User Rate Development	Source	Amount
1.	BFP Revenue Requirement	Volume 2, Section 2	\$50,034,059
1a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 1	\$0
2.	Special Access Surchargeable Channels	Volume 4	111
3.	Special Access Surcharge Revenues	(Ln 2 * \$25)	\$2,775
4.	Adjusted BFP Revenue Requirement	(Ln 1 + 1a + 3)	\$50,031,284
5.	Test Period Mean Access Lines	Volume 4	508,369
6.	Annual Cost Per Line	Ln 4 / Ln 5	\$98.42
7.	Capped EUCL Multi-Line Rate		\$9.20
8.	Monthly Cost Per Line	Ln 6 / 12	\$8.20
9.	Monthly EUCL Multi-Line Rate	Smaller of Ln 7 or Ln 8	\$8.20
10.	Monthly EUCL Single Line Rate	Smaller of \$3.50 or Ln 9	\$6.00

Common Line Rate Development (GA Comm and GA Telecom only)		
11. Residential CPTs	Volume 4	312,214
12. Single Line CPTs	Volume 4	50,581
13. Total Residence /Single Lines	(Ln 11 +Ln 12)	362,795
14. Carrier Common Line Revenues	Minimum (6.50 or Ln 8) - 6.00 * Ln 13 * 12	\$2,176,770.00
16. Premium Originating CCL MOUs	Volume 4	374,131,003
17. Non Premium Originating CCL MOUs	Volume 4	0
18. Chargeable Originating CCL MOUs	(Ln 16+(Ln17*45%))	374,131,003
19. Premium Terminating CCL MOUs	Volume 4	745,619,700
20. Non Premium Terminating CCL MOUs	Volume 4	0
21. Chargeable Terminating CCL MOUs	(Ln 19+(Ln20*45%))	745,619,700
22. Composite CCL Rate	(Ln 14 / (Ln 18 + Ln 21))	0.0019
23. Originating Premium CCL Rate	Minimum (.01 or Ln 22)	0.0019
24. Originating Non Premium CCL Rate	(Ln 23 * 45%)	0.0009
25. Total Originating Revenues	(Ln 16 * Ln 23)+(Ln 17 * Ln 24)	\$710,849
26. Terminating CCL Revenue Requirement	(Ln 14 - Ln 25)	1,465,921
27. Terminating Premium CCL Rate	(Ln 26 / Ln 21)	0.0019
28. Terminating Non Premium CCL Rate	(Ln 27 * 45%)	0.0009

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Traffic Sensitive Rate Development  
Switched Access  
**Nonrecurring Revenues**

GEORGIA PROPERTIES

Ln	(A) Rate	(B) Test Period Demand	(C)=(A)*(B) Revenues	
1.	Switched Access Service Order, Miscellaneous Service Order and Interim NXX Translation	\$68.00	87	\$5,916
2.	Service Date Change, Design Change	\$18.00	0	\$0
3a.	Switched Access Trunk Conversion/Activation	\$112.00	0	\$0
3b.	Switched Access Installation Voice Grade 2 Wire	\$215.00	0	\$0
3c.	Switched Access Installation Voice Grade 4 Wire	\$215.00	0	\$0
3d.	Switched Access Installation High Capacity DS1	\$303.00	0	\$0
3e.	Switched Access Installation High Capacity DS3	\$333.00	0	\$0
4.	Presubscription	\$5.00	72,866	\$364,330
5.	Unauthorized PIC Change	\$30.00	0	\$0
6.	Total Non-Recurring Revenue Requirement			\$370,246

Sources:

Col (A) - Volume 3

Col (B) - Volume 4

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Traffic Sensitive Rate Development  
Switched Access  
**Local Switching Rate Development**

GEORGIA PROPERTIES

Ln	Source	Quantity
1.	Local Switching Revenue Requirement (Includes Equal Access Revenue Requirement )	Volume 2, Section 1 \$6,446,913
1a.	SS7 Revenue Requirement	Volume 2, Section 1 \$67,116
1b.	plus: analog revenue requirement	\$0
1c.	less: DEM Weighting to be recovered through USF	\$0
1d.	Sub Total	Ln 1 + 1a + 1b - 1c \$6,514,029
1e.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 2 \$0
1f.	Adjusted Local Switching Revenue Requirement	Ln 1d - 1e \$6,514,029
2.	Premium Minutes of Use	Volume 4 1,322,801,019
3.	Non-Premium Minutes of Use	Volume 4 0
4.	Weighted Minutes	Ln 2 + (Ln 3 * 45%) 1,322,801,019
5.	Premium Local Switching Rate	(Ln 1g / Ln 4) 0.004924
6.	Non-Premium Local Switching Rate	(Ln 5 * 45%) 0.002216

**Information Surcharge Rate Development**

	Source	Quantity
7.	Information Surcharge Revenue Requirement	Volume 2, Section 1 \$230,724
7a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 3 \$0
7b.	Adjusted Information Surcharge Revenue Requirement	Ln 7 + 7a \$230,724
8.	Premium Minutes	Volume 4 1,322,801,019
9.	Non-Premium Minutes	Volume 4 0
10.	Weighted Minutes	Ln 8 + (Ln 9 * 45%) 1,322,801,019
11.	Prem Information Surcharge Rate per Minute	(Ln 7b / Ln 10) 0.000174
12.	NPrem Information Surcharge Rate per Minute	(Ln 11 * 45%) 0.000078

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Traffic Sensitive Rate Development  
Switched Access  
**Miscellaneous Data**

GEORGIA PROPERTIES

Ln	Source	Quantity	
1.	Local Switching MOUs	Page 4, Lns 2 + 3	1,322,801,019
2.	Pct of Local Switch MOU is Common Tspt MOU	Volume 4, Section 4	62%
3.	Common Transport MOUs	Ln 1 * Ln 2	820,136,632
4.	Total Comm. Tspt Avg Length of Haul (ALOH)	Volume 4, Section 4	36.22
5.	Remote to Host Tspt ALOH	Volume 4, Section 4	16.89
6.	Avg # of Total Terms per Comm. Tspt MOU	Volume 4, Section 4	3.00
7.	Avg # of Terms per Circuit		n/a
8.	Avg # of Remote Terms per Comm. Tspt MOU	Volume 4, Section 4	1.22
9.	Total Comm. Tspt MOU Miles	Ln 3 * Ln 4	29,705,348,803
10.	Total Remote-Host MOU Miles	Ln 3 * Ln 5	13,852,107,711
11.	Total Comm. Tspt Terms	Ln 3 * Ln 6	2,460,409,895
12.	Total Remote-Host Terms	Ln 3 * Ln 8	1,000,566,691
13.	Tandem Switch MOU % of Comm. Tspt MOU	Volume 4, Section 4	51%
14.	Tandem Switching MOU	Ln 3 * Ln 13	418,269,682

**Tandem Switching Rate Development**

Ln	Source	Quantity	
15.	Tandem Switching Revenue Requirement	Volume 2, Section 1	\$562,530
16.	plus: Tandem Switched Port Card Revenue Requirement		\$0
17.	plus: Tandem Switched Multiplexer Revenue Requirement		\$0
18.	Adjusted Rate Making Revenue Requirement		\$562,530
19.	Total Tandem Switching MOUs	Line 14	418,269,682
20.	Initial Tandem Switching Rate	Line 18/ Line 19	0.001345

**Tandem Switched Transport Rate Calculation**

22.	DS1 Dedicated Transport Termination Rate (DTT)	Page 10, Line 47, Col (E)	\$41.93
23.	DS1 Dedicated Transport Facility Rate (DTF)	Page 10, Line 21, Col (E)	\$15.33
24.	DS1 MOU per Voice Grade Equivalent	MOU * 24 VG Equiv	140,904
25.	Tandem Switched Term (TST) Initial Rate	Line 22/Line 24	0.000298
26.	Tandem Switched Facility (TSF) Initial Rate	Line 23/Line 24	0.000109
27.	Tandem Switched Term Adj - Host Remote	Host-Remote Worksheet	-0.000056
28.	Tandem Switched Facility Adj - Host Remote	Host-Remote Worksheet	-0.000021
29.	TST Rate Before TIC Elimination Adjustment	Line 25 + 27	0.000242
30.	TSF Rate Before TIC Elimination Adjustment	Line 26 + 28	0.000088

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Traffic Sensitive Rate Development  
Switched Access  
**Direct Trunked Transport Revenues**

GEORGIA PROPERTIES

Ln	Source	Quantity
1.	VG Dedicated Transport Termination Rate (DTT)	Page 10, Ln 36,Col(E) \$16.56
2.	VG Dedicated Transport Facility Rate (DTF)	Page 10, Ln 20,Col(E) \$1.23
3.	DS1 Dedicated Transport Termination Rate (DTT)	Page 5, Line 22 \$41.93
4.	DS1 Dedicated Transport Facility Rate (DTF)	Page 5, Line 23 \$15.33
5.	DS3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 48,Col(E) \$726.31
6.	DS3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 32,Col(E) \$46.00
6A.	OC3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 49,Col(E) \$2,186.11
6B.	OC3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 33,Col(E) \$264.98
6C.	OC12 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 50,Col(E) \$2,539.43
6D.	OC12 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 34,Col(E) \$397.48
7.	Direct Trunked VG Terminations	Forecast Demand 11
8.	Direct Trunked VG Miles	Vol 4, Sec 4 ALOH * Line 7 58
9.	Direct Trunked DS1 Terminations	Forecast Demand 11,477
10.	Direct Trunked DS1 Miles	Vol 4, Sec 4 ALOH * Line 9 122,107
11.	Direct Trunked DS3 Terminations	Forecast Demand 6
12.	Direct Trunked DS3 Miles	Vol 4, Sec 4 ALOH * Line 11 70
12A.	Direct Trunked OC3 Terminations	Forecast Demand 0
12B.	Direct Trunked OC3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12C.	Direct Trunked OC12 Terminations	Forecast Demand 0
12D.	Direct Trunked OC12 Miles	Vol 4, Sec 4 ALOH * Line 11 0
13.	Direct Trunked Termination Revenues	\$485,796
14.	Direct Trunked Facility Revenues	\$1,875,758
15.	DS1 to Voice Mux	Volume 4, Section 3 0
16.	DS3 to DS1 Mux	Volume 4, Section 3 41
17.	Multiplexing Revenue	(Ln 16 * Pg 9,Ln19)+(Ln 17*Pg 9,Ln 24) \$12,386
18.	Total Direct Trunked Transport Revenues	(Ln 13+Ln14+Ln 17) <u>\$2,373,940</u>

**Entrance Facility Revenues**

19.	VG2W Entrance Facility Rate	Page 10, Ln 3,Col(E) \$22.08
20.	VG4W Entrance Facility Rate	Page 10, Ln 4,Col(E) \$35.33
21.	DS1 Entrance Facility Rate	Page 10, Ln 15,Col(E) \$133.20
22.	DS3 Entrance Facility Rate	Page 10, Ln 16,Col(E) \$2,346.54
22A.	OC3 Entrance Facility Rate	Page 10, Ln 17,Col(E) \$2,870.66
22B.	OC12 Entrance Facility Rate	Page 10, Ln 18,Col(E) \$3,422.70
23.	VG 2W Entrance Facilities	Forecast Demand 0
24.	VG 4W Entrance Facilities	Forecast Demand 0
25.	DS1 Entrance Facilities	Forecast Demand 2,571
26.	DS3 Entrance Facilities	Forecast Demand 54
26A.	OC3 Entrance Facilities	Forecast Demand 0
26B.	OC12 Entrance Facilities	Forecast Demand 0
27.	Total Entrance Facility Revenues	(Ln20*Ln24+Ln21*Ln25+Ln 22*Ln26+Ln19*Ln23+Ln 22A*Ln26A+Ln22B*Ln26B) <u>\$469,162</u>

**Tandem Switched Transport Revenues**

28.	Term MOUs - Remote to Host	Page 5, Ln 12 1,000,566,691
29.	MOU Miles - Remote to Host	Page 5,Ln 10 13,852,107,711
30.	TST Revenues Remote to Host	Ln 28 * Pg5, Ln 29 \$241,717
31.	TSF Revenues Remote to Host	Ln 29 * Page 5, Ln 30 \$1,224,017
32.	Total Revenues Remote to Host	Line 31+Line 32 <u>\$1,465,735</u>
33.	Term MOUs - End Office/Host	Page 5, Ln11-Page 5, Ln12 1,459,843,205
34.	MOU Miles - End Office/Host	Page 5, Ln9-Page 5, Ln10 15,853,241,092
35.	TST Revenues from End Office/Host	Ln33 * Page 5, Ln 29 \$352,669
36.	TSF Revenues from End Office/Host	Ln34 * Page 5, Ln 30 \$1,400,844
37.	Total Revenues from End Office/Host	Line 35+Line 36 <u>\$1,753,514</u>
38.	Total Tandem Switched Transport Revenues	Line 32+Line 37 <u>\$3,219,248</u>

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Traffic Sensitive Rate Development  
Switched Access

**800 Data Base Query Revenues**

GEORGIA PROPERTIES

Ln	Source	Quantity
1.	Basic Query Charge per Query	SCP Tariff Rate
		0.001
2.	Total Basic Queries	Volume 4 Section 5
		181,556,998
3.	Enhanced Query Charge per Query	SCP Tariff Rate
		0.0012
4.	Total Enhanced Queries	Volume 4 Section 5
		0
5.	Total 800 Data Base Revenues	Ln 1 * Ln 2 + Ln 3 * Ln 4
		<u>\$181,557</u>

**Transport Interconnection Charge (TIC) Calculation**

Ln	Source	Quantity
6a.	Transport Revenue Requirement	Volume 2, Section 1
		\$7,311,805
	<u>Revenue Requirement Adjustment</u>	
6b.	Single Bill Settlement, Receivable	Volume 3, Page 10
		(\$243,144)
6c.	Single Bill Settlement, Payable	Volume 3, Page 10
		<u>\$108,022</u>
6d.	Net Settlement	Volume 3, Page 10
		(\$135,122)
6e.	Analog Revenue Requirement	
		\$0
6f.	Rate Making Revenue Requirement	L6a+L6d-6e
		<u>\$7,176,683</u>
7.	Total Direct Trunked Revenues	Page 6, Line 18
		\$2,373,940
8.	Total Entrance Facility Revenues	Page 6, Line 27
		\$469,162
8a.	Initial Tandem Switching Revenues	Page 5, Line 18
		\$562,530
9.	Initial Tandem Switched Transport Revenues	Page 6, Line 39
		\$3,219,248
10.	Total NRC Revenues	Page 3, Line 6
		\$370,246
11.	800 Data Base Query Revenues	Line 5
		\$181,557
11a.	Less: TIC Allocation to Common Line	Page 2, Line 1b
		\$0
11b.	Less: TIC Allocation to Local Switching	Page 4, Line 1f
		\$0
11c.	Less: TIC Allocation to Information Surcharge	Page 4, Line 7a
		\$0
11d.	Less: TIC Allocation to Special Access	Page 9, Line 12a
		\$0
12.	TIC to be allocated to Transport Elements	Ln 6f-(Sum Lns 7 thru 11d)
		(\$0)
12a.	TIC Rate Adjustment to TST	TIC Elimination Worksheet
		-0.000000
12b.	TIC Rate Adjustment to TSF	TIC Elimination Worksheet
		-0.000000
12c.	TIC Rate Adjustment to Tandem Switching	TIC Elimination Worksheet
		-0.000000
12d.	Additional TST Revenue	Ln 12a * Page 5, Ln 11
		(\$0)
12e.	Additional TSF Revenue	Ln 12b * Page 5, Ln 9
		(\$0)
12f.	Additional Tandem Switching Revenue	Ln 12c * Page 5, Ln 19
		(\$0)
12g.	TIC after TST,TSF, Tandem Switching Adjustments	Ln 12 - 12d - 12e - 12f
		\$0
12h.	Final TST Rate	Ln 12a + Page 5, Ln 29
		0.000242
12i.	Final TSF Rate	Ln 12b + Page 5, Ln 30
		0.000088
12j.	Final Tandem Switching Rate	Ln 12c + Page 5, Ln 20
		0.001345
13.	Total Premium Local Switching MOUs	Page 4, Line 2
		1,322,801,019
14.	Total Non-Premium Local Switching MOUs	Page 4, Line 3
		0
15.	Total Weighted MOUs	Line 13 + Line 14 *45%
		<u>1,322,801,019</u>
16.	Premium TIC	Line 12g / Line 15
		0.000000
17.	Non-Premium TIC	Line 16 * 45%
		0.000000

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**Special Access**  
**Nonrecurring Revenues**

GEORGIA PROPERTIES

Ln		(A) NRC Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Installation/Provisions			
1.	Telegraph 2W/4W	\$196.00	0	\$0
2.	Voice Grade 2W/4W	\$215.00	18	\$3,870
3.	Program Audio	\$190.00	0	\$0
4.	Digital Data	\$140.00	57	\$7,980
5.	High Capacity 1.544	\$303.00	504	\$152,712
6.	High Capacity 44.736	\$333.00	12	\$3,996
7.	ADSL Access Port	\$99.95	0	\$0
8.	ADSL Logical Link	\$19.95	0	\$0
9.	ADSL Network Access Link - DS1	\$499.95	0	\$0
9.	ADSL Network Access Link - DS3	\$700.00	0	\$0
	Orders			
10.	Special Access Orders	\$68.00	882	\$59,976
11.	Date Change / Design Change	\$18.00	0	\$0
12.	Total NRC Revenues			\$228,534

Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**Optional Feature and Function Revenues**

Ln	Feature	(A) Monthly OFF Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Bridging	\$5.80	264	\$1,531
2.	C-Conditioning	\$19.30	180	\$3,474
3.	Data Conditioning	\$19.30	432	\$8,338
4.	Improved Return Loss 2W/4W	\$18.50	96	\$1,776
5.	Signaling Capability	\$2.70	204	\$551
6.	Customer Specified Receive Level	\$12.70	300	\$3,810
7.	Digital Data Channel Service Unit 9.6 Kbps	\$24.20	0	\$0
8.	Selective Signaling Arrangement	\$18.50	0	\$0
9.	Multiplexing DS1 to Voice	\$149.70	744	\$111,377
10.	Multiplexing DS1 to DSO	\$149.70	24	\$3,593
11.	Improved Termination Option, per CT 2 Wire	\$10.98	0	\$0
12.	Improved Termination Option, per CT 4 Wire	\$10.98	0	\$0
13.	Program Audio Conditioning - zero loss	\$12.00	0	\$0
14.	Multiplexing DS3 to DS1	\$302.10	267	\$80,661
15.	ADSL Access Port 1	\$29.95	155,764	\$4,665,132
16.	ADSL Access Port 2	\$59.95	6,131	\$367,553
17.	ADSL Access Port 3	\$119.95	10,597	\$1,271,110
18.	ADSL Additional Logical Link	\$19.95	0	\$0
19.	ADSL Network Access Link - Per DS1	\$399.95	109	\$43,595
20.	ADSL Network Access Link - Per DS3	\$2,950.00	0	\$0
21.	ADSL Additional Logical Access Link Blocks	\$99.95	60	\$5,997
22.	Total Optional Special Access Revenues			\$6,568,497

Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

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**Special Access  
ICB Revenues**

GEORGIA PROPERTIES

Ln	Rate Element	Source	Test Period
1.	Channel Termination ICB Revenues	Volume 3	\$0
2.	Channel Mileage Facility ICB Revenues	Volume 3	\$0
3.	Channel Mileage Termination ICB Revenues	Volume 3	\$0
4.	Total ICB Revenues (Ln 6 * Ln 7)		\$0

**Special Access Revenue Requirement Adjustment**

5.	Single Bill Settlement , Receivable	Volume 3	(\$144,288)
6.	Single Bill Settlement , Payable	Volume 3	\$1,068,120
7.	Single Bill Settlement , Net Adjustment	Line 5+ Line 6	\$923,832

**Revenue Requirement**

	Source		
8.	Total Special Access Rev Req	Volume 2, Section 1	\$19,821,754
9.	(+)/(-) Single Bill Settlement Adjustment	Line 7	\$923,832
10.	Less: Nonrecurring Charge Revs	Page 8, Line 12	(\$228,534)
11.	Less: Optional Feature & Function Revs	Page 8, Line 21	(\$6,568,497)
12.	Less: ICB revenues	Line 4	\$-0
12a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 5	\$0
13.	Total Rate Making Rev Req	Sum (Lines 8 thru 12a)	\$13,948,554

**ALLTEL Telephone Services Corporation  
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**Special Access**

GEORGIA PROPERTIES

Ln	Channel Termination	(A) Index	(B) Test Period Demand	(C)=A*B Annualized Weighted Demand	(D) CT Rev Req	(E) CT Rate
1	Telegraph 2 Wire	1.1111	0	0		\$24.54
2	Telegraph 4 Wire	1.5278	0	0		\$33.74
3	Voice Grade 2 Wire	1.0000	3,665	3,665		\$22.08
4	Voice Grade 4 Wire	1.6000	7,752	12,403		\$35.33
5	Program Audio 3.5 khz	0.7361	330	243		\$16.25
6	Program Audio 5.0 khz	1.1111	75	83		\$24.54
7	Program Audio 8.0 khz	1.1111	36	40		\$24.54
8	Program Audio 15 khz	1.1111	42	47		\$24.54
9	Digital Data 2.4 Kbps	1.8056	642	1,159		\$39.87
10	Digital Data 4.8 Kbps	1.8056	480	867		\$39.87
11	Digital Data 9.6 Kbps	1.8056	2,124	3,835		\$39.87
12	Digital Data 19.2 Kbps	1.8056	162	293		\$39.87
13	Digital Data 56 Kbps	2.8333	17,187	48,697		\$62.57
14	Digital Data 64 Kbps	2.8333	1,962	5,559		\$62.57
15	High Capacity 1.54 Mbps	6.0319	27,618	166,589		\$133.20
16	High Capacity 44.746	106.2651	533	56,639		\$2,346.54
17	SOCS OC3	130.0000	0	0		\$2,870.66
18	SOCS OC12	155.0000	0	0		\$3,422.70
			<u>62,608</u>	<u>300,119</u>		

CMF  
Rate

**Channel Mileage Facility**

19	Telegraph	0.1308	0	0		\$2.89
20	Voice Grade	0.0556	60,658	3,370		\$1.23
21	Program Audio 3.5 khz	0.0250	136	3		\$0.55
22	Program Audio 5.0 khz	0.0278	31	1		\$0.61
23	Program Audio 8.0 khz	0.0278	15	0		\$0.61
24	Program Audio 15 khz	0.0278	17	0		\$0.61
25	Digital Data 2.4 Kbps	0.0528	3,670	194		\$1.17
26	Digital Data 4.8 Kbps	0.0528	2,744	145		\$1.17
27	Digital Data 9.6 Kbps	0.0528	12,143	641		\$1.17
28	Digital Data 19.2 Kbps	0.0528	926	49		\$1.17
29	Digital Data 56 Kbps	0.1111	218,959	24,329		\$2.45
30	Digital Data 64 Kbps	0.1111	24,996	2,777		\$2.45
31	High Capacity 1.544	0.6944	293,837	204,053		\$15.33
32	High Capacity 44.736	2.0833	6,191	12,898		\$46.00
33	SOCS OC3	12.0000	0	0		\$264.98
34	SOCS OC12	18.0000	0	0		\$397.48
			<u>624,323</u>	<u>248,460</u>		

CMT  
Rate

**Channel Mileage Termination**

35	Telegraph	0.1375	0	0		\$3.04
36	Voice Grade	0.7500	6,822	5,116		\$16.56
37	Program Audio 3.5 khz	0.5000	31	15		\$11.04
38	Program Audio 5.0 khz	0.6944	7	5		\$15.33
39	Program Audio 8.0 khz	0.6944	3	2		\$15.33
40	Program Audio 15 khz	0.6944	4	3		\$15.33
41	Digital Data 2.4 Kbps	0.5556	351	195		\$12.27
42	Digital Data 4.8 Kbps	0.5556	262	146		\$12.27
43	Digital Data 9.6 Kbps	0.5556	1,161	645		\$12.27
44	Digital Data 19.2 Kbps	0.5556	89	49		\$12.27
45	Digital Data 56 Kbps	1.1111	18,520	20,578		\$24.54
46	Digital Data 64 Kbps	1.1111	2,114	2,349		\$24.54
47	High Capacity 1.544	1.8989	22,260	42,271		\$41.93
48	High Capacity 44.736 Mbps	32.8916	356	11,719		\$726.31
49	SOCS OC3	99.0000	0	0		\$2,186.11
50	SOCS OC12	115.0000	0	0		\$2,539.43
			<u>51,980</u>	<u>83,093</u>		
			<u>631,672</u>	<u>\$13,948,554</u>		

Col (A) = Volume 3  
Col (B) = Volume 4, Section 4

Col (C) = Col (A) \* Col (B) Col (C) Total]  
Col (D) = Page 9, Line 13

**ALLTEL Telephone Services Corporation**  
**2002 Annual Tariff Filing, Revised June 28, 2002**

**Special Access**  
**Calculation of Recurring Special Access Revenues**

GEORGIA PROPERTIES

Ln	Service	(A) CT Rate	(B) CT Revenue	(C) CMF Rate	(D) CMF Revenue*	(E) CMT Rate	(F) CMT Revenue*
1.	Telegraph 2 Wire	\$24.54	\$0				
2.	Telegraph 4 Wire	\$33.74	\$0	\$2.89	\$0	\$3.04	\$0
3.	Voice Grade 2 Wire	\$22.08	\$80,930				
4.	Voice Grade 4 Wire	\$35.33	\$273,887	\$1.23	\$74,414	\$16.56	\$112,975
5.	Program Audio 3.5 khz	\$16.25	\$5,364	\$0.55	\$75	\$11.04	\$339
6.	Program Audio 5.0 khz	\$24.54	\$1,840	\$0.61	\$19	\$15.33	\$107
7.	Program Audio 8.0 khz	\$24.54	\$883	\$0.61	\$9	\$15.33	\$51
8.	Program Audio 15 khz	\$24.54	\$1,030	\$0.61	\$11	\$15.33	\$60
9.	Digital Data 2.4 Kbps	\$39.87	\$25,597	\$1.17	\$4,278	\$12.27	\$4,305
10.	Digital Data 4.8 Kbps	\$39.87	\$19,138	\$1.17	\$3,198	\$12.27	\$3,219
11.	Digital Data 9.6 Kbps	\$39.87	\$84,684	\$1.17	\$14,152	\$12.27	\$14,244
12.	Digital Data 19.2 Kbps	\$39.87	\$6,459	\$1.17	\$1,079	\$12.27	\$1,086
13.	Digital Data 56 Kbps	\$62.57	\$1,075,314	\$2.45	\$537,228	\$24.54	\$454,394
14.	Digital Data 64 Kbps	\$62.57	\$122,754	\$2.45	\$61,328	\$24.54	\$51,872
15.	High Capacity 1.544	\$133.20	\$3,678,622	\$15.33	\$4,505,894	\$41.93	\$933,419
16.	High Capacity 44.736	\$2,346.54	\$1,250,707	\$46.00	\$284,808	\$726.31	\$258,778
16.	SOCS OC3	\$2,870.66	\$0	\$264.98	\$0	\$2,186.11	\$0
16.	SOCS OC12	\$3,422.70	\$0	\$397.48	\$0	\$2,539.43	\$0
			\$6,627,210		\$5,486,494		\$1,834,851

Sources:

<p>Cols (A), (C) and (E) = Page 10, Col (E)  Col (B) = Col (A) * Page 10, Col (B)  Col (D) = Col (C) * Page 10, Col (B)  Col (F) = Col (E) * Page 10, Col (B)</p>
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**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Special Access  
**Crossover Analysis**

GEORGIA PROPERTIES

**Voice Grade to Hi Cap DS1**

Config	Element	(A)	(B)
		Voice Grade 4 Wire	Hi-Cap 1.544 Mbps
2	CT	\$70.66	\$266.39
10	CMF	\$12.27	\$153.35
2	CMT	\$33.12	\$83.86
Total Config		\$116.05	\$503.60

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DS1 to VG 4W Crossover (Total Col (B) / Total Col (A)) 4.34

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Sources:

Col (A) = Config Column * VG4W Rates from Page 11
Col (B) = Config Column * Hi Cap 1.544 Rates from Page 11

**Transport Benchmark**

Config	Element	(A)	(B)
		DS1	DS3
1	CT	\$133.20	\$2,346.54
10	CMF	\$153.35	\$460.04
2	CMT	\$83.86	\$1,452.62
1	MUX	n/a	\$302.10
Total Config		\$370.41	\$4,561.30

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DS3 to DS1 Crossover (Total Col (B) / Total Col (A)) 12.31

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Sources:

Col (A) = Config Column * DS1 Rates from Page 11
Col (B) = Config Column * DS3 Rates from Page 11

**Calculation of Host-Remote / TIC Adjustment  
(FCC 97-158, 1st Report & Order, Para 220)**

	Before Host Remote Adj	After Host Remote Adj
TST Revenues Remote to Host	\$298,169	
TSF Revenues Remote to Host	\$1,509,880	
Total Revenues Remote to Host	\$1,808,049	
TST Remote/Host MOU TERM's	1,000,566,691	
TSF Remote/Host MOU/Miles	13,852,107,711	
Total Host-Remote Investment	\$15,215,711	
Total Interstate TS SW Rev Req	\$14,056,558	
Total Interstate TS SW TPIS	\$69,865,521	
Total Interstate TS SW Factor	0.201194	
Total Host-Remote Rev Req	\$3,361,310	
Total Shortfall going to TIC		\$1,853,261
TST Shortfall going to TIC		\$305,625
TSF Shortfall going to TIC		\$1,547,636
TST Rate adj for H-R		0.000124
TSF Rate adj for H-R		0.000052
Total Transport Rev Req (Ln 6h)	\$7,176,683	
Less: Direct Trunk Revenues	\$2,373,940	
Less: Entrance Facility Revenues	\$469,162	
Less: Tandem Switching Revenues	\$562,530	
Less: NRC Revenues	\$370,246	
Less: 800 DBQ Revenues	\$181,557	
Requirement from Common Tspt	\$3,219,248	
Total Common TST MOU Terms	2,460,409,895	
Total Common TSF MOU/Miles	29,705,348,803	
Initial TST rate (Ln 17 workpapers)	\$0.000298	
Initial TSF rate (Ln 18 workpapers)	\$0.000109	
Initial TST Revenues	\$733,202	
Initial TSF Revenues	\$3,237,883	
Initial total TST/TSF revenues	\$3,971,085	
Maximum TST rev req		\$594,387
Maximum TSF rev req		\$2,624,862
Maximum TST rate adj		(\$0.000056)
Maximum TSF rate adj		(\$0.000021)
Adj needed to TST Rate		-0.000056
Adj needed to TSF Rate		-0.000021

**ALLTEL Telephone Services Corporation**  
**Transport Interconnection Charge (TIC) Revenue Allocation**  
**Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 14**

GEORGIA PROPERTIES	Source	Revenue Requirement	% of Total	TIC Amount Reallocated
1. Common Line	TRP Form COS1-P Line 100 Less USF Contribution	\$47,102,119	58.16%	\$0
2. Local Switching	Volume 5, Page 4, Ln 1d	\$6,514,029	8.04%	\$0
3. Information	Volume 5, Page 4, Ln 7	\$230,724	0.28%	\$0
4. Transport Less TIC Revenue	ACR-1 Projected (Column I)	\$7,311,805	9.03%	\$0
5. Special Access Total	Volume 5, Page 9, Ln 8	\$19,821,754 \$80,980,431	24.48%	\$0
6. TIC Revenue July 00 - June 01	CABS Billing	\$376,896		
7. Projected TIC Revenues	Revised June 28, 2002 Annual Tariff Filing, Vol 5, Pg	\$0		
8. TIC to be allocated	Minimum CABS Billed or Projected	\$0		

**ALLTEL Telephone Services Corporation  
 Transport Interconnection Charge (TIC) Elimination  
 Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 15**

		Revenue Requirement	% of Total	TIC Amount Reallocated
GEORGIA PROPERTIES				
1.	Tandem Switching	Volume 5, Page 5, Line 18		
		\$562,530	14.87%	(\$0)
2.	Initial Tandem Switched Termination Revenue	Volume 5, Page 6, Lns 30 + 35		
		\$594,387	15.72%	(\$0)
3.	Initial Tandem Switched Facility Revenue	Volume 5, Page 6, Lns 31 + 36		
		\$2,624,862	69.41%	(\$0)
4.	Total	\$3,781,778		
5.	TIC to be allocated to Transport Elements	Volume 5, Page 7, line 12		(\$0)
6.	TIC Rate Adjustment - Tandem Switching	Ln 1 / Volume 5, Page 5, Line 19		(0.000000)
7.	TIC Rate Adjustment - TST	Ln 2 / Volume 5, Page 5, Line 11		(0.000000)
8.	TIC Rate Adjustment - TSF	Ln 3 / Volume 5, Page 5, Line 9		(0.000000)

ISDN Port Charge Rate Development

GEORGIA PROPERTIES

PRI		BRI	
Description	Amount	Description	Amount
1. ISDN PRI Units	20	ISDN BRI Units	480
2. PRI Fixed Costs for above PRIs		BRI Fixed Costs for above BRIs	
3. Hardware & Firmware	\$46,951	BRI Common	\$42,598
4. Total Switch Module Fixed Investment	\$46,951	Total Switch Module Fixed Investment	\$42,598
5. ISDN Switch Upgrade Investment		ISDN Switch Upgrade Investment	
6. Packet Handler	0	Packet Handler	0
7. Vendor Engineering & Installation	0	Vendor Engineering & Installation	
8. CO Engineering & Labor	0	CO Engineering & Labor	
9. Total Common Switching Fixed Investment	0	Total Common Switching Fixed Investment	0
10. ISDN Percent Fill	100%	ISDN Percent Fill	100%
11. Total Per Unit Fixed Investments	\$2,348	Other Costs per unit	
12. Per-Line Investments		Total Per Unit Fixed Investments	\$89
13. PRI RTU Software	\$3,525	Per-Line Investments	
14. PRI Firmware	\$253	BRI RTU Software	\$300
15. Number of PRI Lines Provisioned by equip	1	BRI RTU hardware	\$92
16. Total Per Line Investment for single PRI Line	\$3,777	Number of BRI Lines Provisioned by equip	1
17. Total Fixed plus Per Line Inv	\$6,125	Total Per Line Investment for single BRI Line	\$392
18. Interstate Allocation Factor	13.8%	19. Total Fixed plus Per Line Inv	\$481
19. Investment Carrying Charge	29%	20. Interstate Allocation Factor	13.8%
20. Annual Interstate Costs	\$240.91	21. Investment Carrying Charge	29%
21. Monthly Interstate Costs	\$20.08	22. Annual Interstate Costs	\$18.91
22. Monthly Avoidable POTS Costs	\$0.38	23. Monthly Interstate Costs	\$1.58
23. Number of SLCs charged per PRI	5	24. Avoidable Costs for POTS	
24. Total POTS Avoidable Costs	\$1.90	25. Fixed LCE DS0 Facilities	\$32,617
25. Incremental PRI Costs per line	\$18.18	26. DS0 Units	640
26. Average Monthly PRIs	135	Percent Fill for DS0 Units	100%
27. Annual ISDN PRI Port Revenue	\$29,443.50	Fixed investment per unit	\$51
		Total Per Line investment	\$65
		No. of Lines for per line investment	1
		Investment per line	\$65
		Total Fixed plus per line investments per unit	\$116
		Annual Interstate Costs per Unit	4.5614065
		Monthly IS Costs	\$0.38
		Incremental BRI Costs per line	\$1.20
		Average Monthly BRIs	0
		Annual ISDN BRI Port Revenue	\$0.00

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Rate Development Summary**

**ALLTEL KENTUCKY**

**End User**

End User - Multiline Business	\$6.13
End User - Single Line Business / Residential	\$6.00

**Carrier Common Line**

Premium Originating	N/A	NonPremium Originating	N/A
Premium Terminating	N/A	NonPremium Terminating	N/A

**Traffic Sensitive - Switched**

<b>Premium</b>		<b>NonPremium</b>	
Local Switching	0.007622	Local Switching	0.00343
Information Surcharge	0.000325	Information Surcharge	0.000146
TIC	0.000000	TIC	0.000000

**Tandem Switched**

Termination	0.000786
Facility	0.000258
Switching	0.000000

**Direct Trunked**

VG Termination	\$19.49
VG Facility	\$1.44
DS1 Termination	\$85.69
DS1 Facility	\$28.14
DS1 Multiplexing	\$149.70
DS3 Termination	\$945.16
DS3 Facility	\$114.36
DS3 Multiplexing	\$302.10

**Entrance Facility**

VG2W	\$25.99
VG4W	\$41.59
DS1	\$156.78
DS3	\$2,762.00

**Traffic Sensitive - Special**

Service	Channel	Channel Mileage	
	Termination	Facility	Termination
Telegraph 2 Wire	\$28.88	\$3.40	\$3.57
Telegraph 4 Wire	\$39.71	\$3.40	\$3.57
Voice Grade 2 Wire	\$25.99	\$1.44	\$19.49
Voice Grade 4 Wire	\$41.59	\$1.44	\$19.49
Program Audio 3.5 khz	\$19.13	\$0.65	\$13.00
Program Audio 5.0 khz	\$28.88	\$0.72	\$18.05
Program Audio 8.0 khz	\$28.88	\$0.72	\$18.05
Program Audio 15 khz	\$28.88	\$0.72	\$18.05
Digital Data 2.4 Kbps	\$46.93	\$1.37	\$14.44
Digital Data 4.8 Kbps	\$46.93	\$1.37	\$14.44
Digital Data 9.6 Kbps	\$46.93	\$1.37	\$14.44
Digital Data 19.2 Kbps	\$46.93	\$1.37	\$14.44
Digital Data 56 Kbps	\$73.64	\$2.89	\$28.88
Digital Data 64 Kbps	\$73.64	\$2.89	\$28.88
High Capacity 1.544	\$156.78	\$28.14	\$85.69
High Capacity 44.736 Mbps	\$2,762.00	\$114.36	\$945.16

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

End User Rate Development

ALLTEL KENTUCKY

Ln	End User Rate Development	Source	Amount
1.	BFP Revenue Requirement	Volume 2, Section 2	\$2,068,908
1a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 1	\$0
2.	Special Access Surchargeable Channels	Volume 4	0
3.	Special Access Surcharge Revenues	(Ln 2 * \$25)	\$0
4.	Adjusted BFP Revenue Requirement	(Ln 1 + 1a + 3)	\$2,068,908
5.	Test Period Mean Access Lines	Volume 4	28,129
6.	Annual Cost Per Line	Ln 4 / Ln 5	\$73.55
7.	Capped EUCL Multi-Line Rate		\$9.20
8.	Monthly Cost Per Line	Ln 6 / 12	\$6.13
9.	Monthly EUCL Multi-Line Rate	Smaller of Ln 7 or Ln 8	\$6.13
10.	Monthly EUCL Single Line Rate	Smaller of \$3.50 or Ln 9	\$6.00

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Nonrecurring Revenues**

ALLTEL KENTUCKY

Ln	(A) Rate	(B) Test Period Demand	(C)=(A)*(B) Revenues	
1.	Switched Access Service Order, Miscellaneous Service Order and Interim NXX Translation	\$68.00	17	\$1,156
2.	Service Date Change, Design Change	\$18.00	0	\$0
3a.	Switched Access Trunk Conversion/Activation	\$112.00	0	\$0
3b.	Switched Access Installation Voice Grade 2 Wire	\$215.00	0	\$0
3c.	Switched Access Installation Voice Grade 4 Wire	\$215.00	0	\$0
3d.	Switched Access Installation High Capacity DS1	\$303.00	0	\$0
3e.	Switched Access Installation High Capacity DS3	\$333.00	0	\$0
4.	Presubscription	\$5.00	3,992	\$19,960
5.	Unauthorized PIC Change	\$30.00	0	\$0
6.	Total Non-Recurring Revenue Requirement			\$21,116

Sources:

Col (A) - Volume 3

Col (B) - Volume 4

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Local Switching Rate Development**

ALLTEL KENTUCKY

Ln	Source	Quantity
1.	Local Switching Revenue Requirement (Includes Equal Access Revenue Requirement )	Volume 2, Section 1 \$697,094
1a.	SS7 Revenue Requirement	Volume 2, Section 1 \$12,534
1b.	plus: analog revenue requirement	\$0
1c.	less: DEM Weighting to be recovered through USF	(\$285,856)
1d.	Sub Total	Ln 1 + 1a + 1b - 1c \$423,772
1e.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 2 \$0
1f.	Adjusted Local Switching Revenue Requirement	Ln 1d - 1e \$423,772
2.	Premium Minutes of Use	Volume 4 55,598,658
3.	Non-Premium Minutes of Use	Volume 4 0
4.	Weighted Minutes	Ln 2 + (Ln 3 * 45%) 55,598,658
5.	Premium Local Switching Rate	(Ln 1g / Ln 4) 0.007622
6.	Non-Premium Local Switching Rate	(Ln 5 * 45%) 0.003430

**Information Surcharge Rate Development**

	Source	Quantity
7.	Information Surcharge Revenue Requirement	Volume 2, Section 1 \$18,086
7a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 3 \$0
7b.	Adjusted Information Surcharge Revenue Requirement	Ln 7 + 7a \$18,086
8.	Premium Minutes	Volume 4 55,598,658
9.	Non-Premium Minutes	Volume 4 0
10.	Weighted Minutes	Ln 8 + (Ln 9 * 45%) 55,598,658
11.	Prem Information Surcharge Rate per Minute	(Ln 7b / Ln 10) 0.000325
12.	NPrem Information Surcharge Rate per Minute	(Ln 11 * 45%) 0.000146

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Miscellaneous Data**

## ALLTEL KENTUCKY

Ln	Source	Quantity	
1.	Local Switching MOUs	Page 4, Lns 2 + 3	55,598,658
2.	Pct of Local Switch MOU is Common Tspt MOU	Volume 4, Section 4	75%
3.	Common Transport MOUs	Ln 1 * Ln 2	41,698,994
4.	Total Comm. Tspt Avg Length of Haul (ALOH)	Volume 4, Section 4	4.62
5.	Remote to Host Tspt ALOH	Volume 4, Section 4	5.27
6.	Avg # of Total Terms per Comm. Tspt MOU	Volume 4, Section 4	2.11
7.	Avg # of Terms per Circuit		n/a
8.	Avg # of Remote Terms per Comm. Tspt MOU	Volume 4, Section 4	1.65
9.	Total Comm. Tspt MOU Miles	Ln 3 * Ln 4	192,649,350
10.	Total Remote-Host MOU Miles	Ln 3 * Ln 5	219,753,696
11.	Total Comm. Tspt Terms	Ln 3 * Ln 6	87,984,876
12.	Total Remote-Host Terms	Ln 3 * Ln 8	68,803,339
13.	Tandem Switch MOU % of Comm. Tspt MOU	Volume 4, Section 4	0%
14.	Tandem Switching MOU	Ln 3 * Ln 13	0

**Tandem Switching Rate Development**

Ln	Source	Quantity	
15.	Tandem Switching Revenue Requirement	Volume 2, Section 1	\$0
16.	plus: Tandem Switched Port Card Revenue Requirement		\$0
17.	plus: Tandem Switched Multiplexer Revenue Requirement		\$0
18.	Adjusted Rate Making Revenue Requirement		\$0
19.	Total Tandem Switching MOUs	Line 14	0
20.	Initial Tandem Switching Rate	Line 18/ Line 19	none

**Tandem Switched Transport Rate Calculation**

22.	DS1 Dedicated Transport Termination Rate (DTT)	Page 10, Line 47, Col (E)	\$85.69
23.	DS1 Dedicated Transport Facility Rate (DTF)	Page 10, Line 21, Col (E)	\$28.14
24.	DS1 MOU per Voice Grade Equivalent	MOU * 24 VG Equiv	100,536
25.	Tandem Switched Term (TST) Initial Rate	Line 22/Line 24	0.000852
26.	Tandem Switched Facility (TSF) Initial Rate	Line 23/Line 24	0.000280
27.	Tandem Switched Term Adj - Host Remote	Host-Remote Worksheet	-0.000066
28.	Tandem Switched Facility Adj - Host Remote	Host-Remote Worksheet	-0.000022
29.	TST Rate Before TIC Elimination Adjustment	Line 25 + 27	0.000786
30.	TSF Rate Before TIC Elimination Adjustment	Line 26 + 28	0.000258

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Direct Trunked Transport Revenues**

ALLTEL KENTUCKY

Ln	Source	Quantity
1.	VG Dedicated Transport Termination Rate (DTT)	Page 10, Ln 36,Col(E) \$19.49
2.	VG Dedicated Transport Facility Rate (DTF)	Page 10, Ln 20,Col(E) \$1.44
3.	DS1 Dedicated Transport Termination Rate (DTT)	Page 5, Line 22 \$85.69
4.	DS1 Dedicated Transport Facility Rate (DTF)	Page 5, Line 23 \$28.14
5.	DS3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 48,Col(E) \$945.16
6.	DS3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 32,Col(E) \$114.36
6A.	OC3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 49,Col(E) \$1,689.45
6B.	OC3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 33,Col(E) \$181.94
6C.	OC12 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 50,Col(E) \$1,949.37
6D.	OC12 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 34,Col(E) \$285.91
7.	Direct Trunked VG Terminations	Forecast Demand 0
8.	Direct Trunked VG Miles	Vol 4, Sec 4 ALOH * Line 7 0
9.	Direct Trunked DS1 Terminations	Forecast Demand 203
10.	Direct Trunked DS1 Miles	Vol 4, Sec 4 ALOH * Line 9 788
11.	Direct Trunked DS3 Terminations	Forecast Demand 0
12.	Direct Trunked DS3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12A.	Direct Trunked OC3 Terminations	Forecast Demand 0
12B.	Direct Trunked OC3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12C.	Direct Trunked OC12 Terminations	Forecast Demand 0
12D.	Direct Trunked OC12 Miles	Vol 4, Sec 4 ALOH * Line 11 0
13.	Direct Trunked Termination Revenues	\$17,394
14.	Direct Trunked Facility Revenues	\$22,174
15.	DS1 to Voice Mux	Volume 4, Section 3 0
16.	DS3 to DS1 Mux	Volume 4, Section 3 0
17.	Multiplexing Revenue	(Ln 16 * Pg 9,Ln19)+(Ln 17*Pg 9,Ln 24) \$0
18.	Total Direct Trunked Transport Revenues	(Ln 13+Ln14+Ln 17) <u>\$39,568</u>

**Entrance Facility Revenues**

19.	VG2W Entrance Facility Rate	Page 10, Ln 3,Col(E) \$25.99
20.	VG4W Entrance Facility Rate	Page 10, Ln 4,Col(E) \$41.59
21.	DS1 Entrance Facility Rate	Page 10, Ln 15,Col(E) \$156.78
22.	DS3 Entrance Facility Rate	Page 10, Ln 16,Col(E) \$2,762.00
22A.	OC3 Entrance Facility Rate	Page 10, Ln 17,Col(E) \$2,209.28
22B.	OC12 Entrance Facility Rate	Page 10, Ln 18,Col(E) \$2,469.20
23.	VG 2W Entrance Facilities	Forecast Demand 0
24.	VG 4W Entrance Facilities	Forecast Demand 0
25.	DS1 Entrance Facilities	Forecast Demand 0
26.	DS3 Entrance Facilities	Forecast Demand 0
26A.	OC3 Entrance Facilities	Forecast Demand 0
26B.	OC12 Entrance Facilities	Forecast Demand 0
27.	Total Entrance Facility Revenues	(Ln20*Ln24+Ln21*Ln25+Ln 22*Ln26+Ln19*Ln23+Ln 22A*Ln26A+Ln22B*Ln26B) <u>\$0</u>

**Tandem Switched Transport Revenues**

28.	Term MOUs - Remote to Host	Page 5, Ln 12 68,803,339
29.	MOU Miles - Remote to Host	Page 5,Ln 10 219,753,696
30.	TST Revenues Remote to Host	Ln 28 * Pg5, Ln 29 \$54,065
31.	TSF Revenues Remote to Host	Ln 29 * Page 5, Ln 30 \$56,750
32.	Total Revenues Remote to Host	Line 31+Line 32 <u>\$110,815</u>
33.	Term MOUs - End Office/Host	Page 5, Ln11-Page 5, Ln12 19,181,537
34.	MOU Miles - End Office/Host	Page 5, Ln9-Page 5, Ln10 (27,104,346)
35.	TST Revenues from End Office/Host	Ln33 * Page 5, Ln 29 \$15,073
36.	TSF Revenues from End Office/Host	Ln34 * Page 5, Ln 30 (\$6,999)
37.	Total Revenues from End Office/Host	Line 35+Line 36 <u>\$8,073</u>
38.	Total Tandem Switched Transport Revenues	Line 32+Line 37 <u>\$118,888</u>

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access

**800 Data Base Query Revenues**

ALLTEL KENTUCKY

Ln	Source	Quantity
1.	Basic Query Charge per Query	SCP Tariff Rate
2.	Total Basic Queries	Volume 4 Section 5
3.	Enhanced Query Charge per Query	SCP Tariff Rate
4.	Total Enhanced Queries	Volume 4 Section 5
5.	Total 800 Data Base Revenues	Ln 1 * Ln 2 + Ln 3 * Ln 4
		<u>\$8,642</u>

**Transport Interconnection Charge (TIC) Calculation**

Ln	Source	Quantity
6a.	Transport Revenue Requirement	Volume 2, Section 1
	Revenue Requirement Adjustment	
6b.	Single Bill Settlement, Receivable	Volume 3, Page 10
6c.	Single Bill Settlement, Payable	Volume 3, Page 10
6d.	Net Settlement	Volume 3, Page 10
6e.	Analog Revenue Requirement	
6f.	Rate Making Revenue Requirement	L6a+L6d-6e
7.	Total Direct Trunked Revenues	Page 6, Line 18
8.	Total Entrance Facility Revenues	Page 6, Line 27
8a.	Initial Tandem Switching Revenues	Page 5, Line 18
9.	Initial Tandem Switched Transport Revenues	Page 6, Line 39
10.	Total NRC Revenues	Page 3, Line 6
11.	800 Data Base Query Revenues	Line 5
11a.	Less: TIC Allocation to Common Line	Page 2, Line 1b
11b.	Less: TIC Allocation to Local Switching	Page 4, Line 1f
11c.	Less: TIC Allocation to Information Surcharge	Page 4, Line 7a
11d.	Less: TIC Allocation to Special Access	Page 9, Line 12a
12.	TIC to be allocated to Transport Elements	Ln 6f-(Sum Lns 7 thru 11d)
12a.	TIC Rate Adjustment to TST	TIC Elimination Worksheet
12b.	TIC Rate Adjustment to TSF	TIC Elimination Worksheet
12c.	TIC Rate Adjustment to Tandem Switching	TIC Elimination Worksheet
12d.	Additional TST Revenue	Ln 12a * Page 5, Ln 11
12e.	Additional TSF Revenue	Ln 12b * Page 5, Ln 9
12f.	Additional Tandem Switching Revenue	Ln 12c * Page 5, Ln 19
12g.	TIC after TST,TSF, Tandem Switching Adjustments	Ln 12 - 12d - 12e - 12f
12h.	Final TST Rate	Ln 12a + Page 5, Ln 29
12i.	Final TSF Rate	Ln 12b + Page 5, Ln 30
12j.	Final Tandem Switching Rate	Ln 12c + Page 5, Ln 20
13.	Total Premium Local Switching MOUs	Page 4, Line 2
14.	Total Non-Premium Local Switching MOUs	Page 4, Line 3
15.	Total Weighted MOUs	Line 13 + Line 14 *45%
16.	Premium TIC	Line 12g / Line 15
17.	Non-Premium TIC	Line 16 * 45%
		<u>\$188,215</u>
		\$39,568
		\$0
		\$0
		\$118,888
		\$21,116
		\$8,642
		\$0
		\$0
		\$0
		(\$0)
		-0.000000
		-0.000000
		0.000000
		(\$0)
		(\$0)
		\$0
		\$0
		0.000786
		0.000258
		0.000000
		55,598,658
		<u>0</u>
		55,598,658
		0.000000
		0.000000

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access**  
**Nonrecurring Revenues**

## ALLTEL KENTUCKY

Ln	Installation/Provisions	(A) NRC Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Telegraph 2W/4W	\$196.00	0	\$0
2.	Voice Grade 2W/4W	\$215.00	0	\$0
3.	Program Audio	\$190.00	0	\$0
4.	Digital Data	\$140.00	9	\$1,260
5.	High Capacity 1.544	\$303.00	18	\$5,454
6.	High Capacity 44.736	\$333.00	3	\$999
7.	ADSL Access Port	\$99.95	0	\$0
8.	ADSL Logical Link	\$19.95	6	\$120
9.	ADSL Network Access Link - DS1	\$499.95	0	\$0
9.	ADSL Network Access Link - DS3	\$700.00	0	\$0
<u>Orders</u>				
10.	Special Access Orders	\$68.00	16	\$1,088
11.	Date Change / Design Change	\$18.00	0	\$0
12.	Total NRC Revenues			\$8,921

## Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**Optional Feature and Function Revenues**

Ln	Feature	(A) Monthly OFF Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Bridging	\$5.80	0	\$0
2.	C-Conditioning	\$19.30	0	\$0
3.	Data Conditioning	\$19.30	0	\$0
4.	Improved Return Loss 2W/4W	\$18.50	0	\$0
5.	Signaling Capability	\$2.70	0	\$0
6.	Customer Specified Receive Level	\$12.70	0	\$0
7.	Digital Data Channel Service Unit 9.6 Kbps	\$24.20	0	\$0
8.	Selective Signaling Arrangement	\$18.50	0	\$0
9.	Multiplexing DS1 to Voice	\$149.70	0	\$0
10.	Multiplexing DS1 to DSO	\$149.70	0	\$0
11.	Improved Termination Option, per CT 2 Wire	\$10.98	0	\$0
12.	Improved Termination Option, per CT 4 Wire	\$10.98	0	\$0
13.	Program Audio Conditioning - zero loss	\$12.00	0	\$0
14.	Multiplexing DS3 to DS1	\$302.10	0	\$0
15.	ADSL Access Port 1	\$29.95	14,559	\$436,042
16.	ADSL Access Port 2	\$59.95	499	\$29,915
17.	ADSL Access Port 3	\$119.95	862	\$103,397
18.	ADSL Additional Logical Link	\$19.95	0	\$0
19.	ADSL Network Access Link - Per DS1	\$399.95	43	\$17,198
20.	ADSL Network Access Link - Per DS3	\$2,950.00	0	\$0
21.	ADSL Additional Logical Access Link Blocks	\$99.95	78	\$7,796
22.	Total Optional Special Access Revenues			\$594,348

## Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access  
ICB Revenues**

ALLTEL KENTUCKY

Ln	Rate Element	Source	Test Period
1.	Channel Termination ICB Revenues	Volume 3	\$0
2.	Channel Mileage Facility ICB Revenues	Volume 3	\$0
3.	Channel Mileage Termination ICB Revenues	Volume 3	\$0
4.	Total ICB Revenues (Ln 6 * Ln 7)		\$0

**Special Access Revenue Requirement Adjustment**

5.	Single Bill Settlement , Receivable	Volume 3	\$0
6.	Single Bill Settlement , Payable	Volume 3	\$0
7.	Single Bill Settlement , Net Adjustment	Line 5+ Line 6	\$0

**Revenue Requirement**

	Source	
8.	Total Special Access Rev Req	Volume 2, Section 1 \$1,013,290
9.	(+)/(-) Single Bill Settlement Adjustment	Line 7 \$0
10.	Less: Nonrecurring Charge Revs	Page 8, Line 12 (\$8,921)
11.	Less: Optional Feature & Function Revs	Page 8, Line 21 (\$594,348)
12.	Less: ICB revenues	Line 4 \$-0
12a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 5 \$0
13.	Total Rate Making Rev Req	Sum (Lines 8 thru 12a) \$410,021

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access**

ALLTEL KENTUCKY

Ln	Channel Termination	(A) Index	(B) Test Period Demand	(C)=A*B Annualized Weighted Demand	(D) CT Rev Req	(E) CT Rate
1	Telegraph 2 Wire	1.1111	0	0		\$28.88
2	Telegraph 4 Wire	1.5278	0	0		\$39.71
3	Voice Grade 2 Wire	1.0000	48	48		\$25.99
4	Voice Grade 4 Wire	1.6000	108	173		\$41.59
5	Program Audio 3.5 khz	0.7361	0	0		\$19.13
6	Program Audio 5.0 khz	1.1111	0	0		\$28.88
7	Program Audio 8.0 khz	1.1111	12	13		\$28.88
8	Program Audio 15 khz	1.1111	0	0		\$28.88
9	Digital Data 2.4 Kbps	1.8056	0	0		\$46.93
10	Digital Data 4.8 Kbps	1.8056	0	0		\$46.93
11	Digital Data 9.6 Kbps	1.8056	48	87		\$46.93
12	Digital Data 19.2 Kbps	1.8056	0	0		\$46.93
13	Digital Data 56 Kbps	2.8333	330	935		\$73.64
14	Digital Data 64 Kbps	2.8333	0	0		\$73.64
15	High Capacity 1.54 Mbps	6.0319	681	4,108		\$156.78
16	High Capacity 44.746	106.2651	30	3,188		\$2,762.00
17	SOCS OC3	85.0000	0	0		\$2,209.28
18	SOCS OC12	95.0000	0	0		\$2,469.20
			<u>1,257</u>	<u>8,551</u>		

CMF  
Rate

Ln	Channel Mileage Facility	(A)	(B)	(C)=A*B	(D)	(E)
19	Telegraph	0.1308	0	0		\$3.40
20	Voice Grade	0.0556	510	28		\$1.44
21	Program Audio 3.5 khz	0.0250	0	0		\$0.65
22	Program Audio 5.0 khz	0.0278	0	0		\$0.72
23	Program Audio 8.0 khz	0.0278	84	2		\$0.72
24	Program Audio 15 khz	0.0278	0	0		\$0.72
25	Digital Data 2.4 Kbps	0.0528	0	0		\$1.37
26	Digital Data 4.8 Kbps	0.0528	0	0		\$1.37
27	Digital Data 9.6 Kbps	0.0528	268	14		\$1.37
28	Digital Data 19.2 Kbps	0.0528	0	0		\$1.37
29	Digital Data 56 Kbps	0.1111	952	106		\$2.89
30	Digital Data 64 Kbps	0.1111	0	0		\$2.89
31	High Capacity 1.544	1.0826	2,644	2,862		\$28.14
32	High Capacity 44.736	4.4000	127	559		\$114.36
33	SOCS OC3	7.0000	0	0		\$181.94
34	SOCS OC12	11.0000	0	0		\$285.91
			<u>4,585</u>	<u>3,572</u>		

CMT  
Rate

Ln	Channel Mileage Termination	(A)	(B)	(C)=A*B	(D)	(E)
35	Telegraph	0.1375	0	0		\$3.57
36	Voice Grade	0.7500	120	90		\$19.49
37	Program Audio 3.5 khz	0.5000	0	0		\$13.00
38	Program Audio 5.0 khz	0.6944	0	0		\$18.05
39	Program Audio 8.0 khz	0.6944	12	8		\$18.05
40	Program Audio 15 khz	0.6944	0	0		\$18.05
41	Digital Data 2.4 Kbps	0.5556	0	0		\$14.44
42	Digital Data 4.8 Kbps	0.5556	0	0		\$14.44
43	Digital Data 9.6 Kbps	0.5556	48	27		\$14.44
44	Digital Data 19.2 Kbps	0.5556	0	0		\$14.44
45	Digital Data 56 Kbps	1.1111	261	290		\$28.88
46	Digital Data 64 Kbps	1.1111	0	0		\$28.88
47	High Capacity 1.544	3.2967	651	2,146		\$85.69
48	High Capacity 44.736 Mbps	36.3640	30	1,091		\$945.16
49	SOCS OC3	65.0000	0	0		\$1,689.45
50	SOCS OC12	75.0000	0	0		\$1,949.37
			<u>1,122</u>	<u>3,652</u>		
				<u>15,775</u>	<u>\$410,021</u>	

Col (A) = Volume 3  
Col (B) = Volume 4, Section 4  
Col (C) = Col (A) \* Col (B) Col (C) Total  
Col (D) = Page 9, Line 13

**ALLTEL Telephone Services Corporation**  
**2002 Annual Tariff Filing, Revised June 28, 2002**

**Special Access**  
**Calculation of Recurring Special Access Revenues**

## ALLTEL KENTUCKY

Ln	Service	(A) CT Rate	(B) CT Revenue	(C) CMF Rate	(D) CMF Revenue*	(E) CMT Rate	(F) CMT Revenue*
1.	Telegraph 2 Wire	\$28.88	\$0				
2.	Telegraph 4 Wire	\$39.71	\$0	\$3.40	\$0	\$3.57	\$0
3.	Voice Grade 2 Wire	\$25.99	\$1,248				
4.	Voice Grade 4 Wire	\$41.59	\$4,491	\$1.44	\$736	\$19.49	\$2,339
5.	Program Audio 3.5 khz	\$19.13	\$0	\$0.65	\$0	\$13.00	\$0
6.	Program Audio 5.0 khz	\$28.88	\$0	\$0.72	\$0	\$18.05	\$0
7.	Program Audio 8.0 khz	\$28.88	\$347	\$0.72	\$61	\$18.05	\$217
8.	Program Audio 15 khz	\$28.88	\$0	\$0.72	\$0	\$18.05	\$0
9.	Digital Data 2.4 Kbps	\$46.93	\$0	\$1.37	\$0	\$14.44	\$0
10.	Digital Data 4.8 Kbps	\$46.93	\$0	\$1.37	\$0	\$14.44	\$0
11.	Digital Data 9.6 Kbps	\$46.93	\$2,253	\$1.37	\$367	\$14.44	\$693
12.	Digital Data 19.2 Kbps	\$46.93	\$0	\$1.37	\$0	\$14.44	\$0
13.	Digital Data 56 Kbps	\$73.64	\$24,302	\$2.89	\$2,751	\$28.88	\$7,538
14.	Digital Data 64 Kbps	\$73.64	\$0	\$2.89	\$0	\$28.88	\$0
15.	High Capacity 1.544	\$156.78	\$106,766	\$28.14	\$74,387	\$85.69	\$55,782
16.	High Capacity 44.736	\$2,762.00	\$82,860	\$114.36	\$14,530	\$945.16	\$28,355
16.	SOCS OC3	\$2,209.28	\$0	\$181.94	\$0	\$1,689.45	\$0
16.	SOCS OC12	\$2,469.20	\$0	\$285.91	\$0	\$1,949.37	\$0
			\$222,267		\$92,831		\$94,923

## Sources:

<p>Cols (A), (C) and (E) = Page 10, Col (E)  Col (B) = Col (A) * Page 10, Col (B)  Col (D) = Col (C) * Page 10, Col (B)  Col (F) = Col (E) * Page 10, Col (B)</p>
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**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Special Access  
**Crossover Analysis**

ALLTEL KENTUCKY

**Voice Grade to Hi Cap DS1**

Config	Element	(A)	(B)
		Voice Grade 4 Wire	Hi-Cap 1.544 Mbps
2	CT	\$83.17	\$313.56
10	CMF	\$14.44	\$281.39
2	CMT	\$38.99	\$171.37
Total Config		\$136.60	\$766.32

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DS1 to VG 4W Crossover (Total Col (B) / Total Col (A))

5.61

Sources:

Col (A) = Config Column * VG4W Rates from Page 11
Col (B) = Config Column * Hi Cap 1.544 Rates from Page 11

**Transport Benchmark**

Config	Element	(A)	(B)
		DS1	DS3
1	CT	\$156.78	\$2,762.00
10	CMF	\$281.39	\$1,143.63
2	CMT	\$171.37	\$1,890.31
1	MUX	n/a	\$302.10
Total Config		\$609.54	\$6,098.04

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DS3 to DS1 Crossover (Total Col (B) / Total Col (A))

10.00

Sources:

Col (A) = Config Column * DS1 Rates from Page 11
Col (B) = Config Column * DS3 Rates from Page 11

**Calculation of Host-Remote / TIC Adjustment  
(FCC 97-158, 1st Report & Order, Para 220)**

	Before Host Remote Adj	After Host Remote Adj
TST Revenues Remote to Host	\$58,620	
TSF Revenues Remote to Host	\$61,531	
Total Revenues Remote to Host	\$120,151	
TST Remote/Host MOU TERM's	68,803,339	
TSF Remote/Host MOU/Miles	219,753,696	
Total Host-Remote Investment	\$313,700	
Total Interstate TS SW Rev Req	\$915,929	
Total Interstate TS SW TPIS	\$2,941,077	
Total Interstate TS SW Factor	0.311426	
Total Host-Remote Rev Req	\$101,194	
Total Shortfall going to TIC		\$3,500
TST Shortfall going to TIC		\$1,708
TSF Shortfall going to TIC		\$1,792
TST Rate adj for H-R		0.000019
TSF Rate adj for H-R		0.000009
Total Transport Rev Req (Ln 6h)	\$188,215	
Less: Direct Trunk Revenues	\$39,568	
Less: Entrance Facility Revenues	\$0	
Less: Tandem Switching Revenues	\$0	
Less: NRC Revenues	\$21,116	
Less: 800 DBQ Revenues	\$8,642	
Requirement from Common Tspt	\$118,888	
Total Common TST MOU Terms	87,984,876	
Total Common TSF MOU/Miles	192,649,350	
Initial TST rate (Ln 17 workpapers)	\$0.000852	
Initial TSF rate (Ln 18 workpapers)	\$0.000280	
Initial TST Revenues	\$74,963	
Initial TSF Revenues	\$53,942	
Initial total TST/TSF revenues	\$128,905	
Maximum TST rev req		\$69,138
Maximum TSF rev req		\$49,750
Maximum TST rate adj		(\$0.000066)
Maximum TSF rate adj		(\$0.000022)
Adj needed to TST Rate		-0.000066
Adj needed to TSF Rate		-0.000022

**ALLTEL Telephone Services Corporation**  
**Transport Interconnection Charge (TIC) Revenue Allocation**  
**Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 14**

ALLTEL KENTUCKY	Source	Revenue Requirement	% of Total	TIC Amount Reallocated
1. Common Line	TRP Form COS1-P Line 100 Less USF Contribution	\$1,922,108	53.91%	\$0
2. Local Switching	Volume 5, Page 4, Ln 1d	\$423,772	11.89%	\$0
3. Information	Volume 5, Page 4, Ln 7	\$18,086	0.51%	\$0
4. Transport Less TIC Revenue	ACR-1 Projected (Column I)	\$188,215	5.28%	\$0
5. Special Access	Volume 5, Page 9, Ln 8	\$1,013,290	28.42%	\$0
Total		\$3,565,470		
6. TIC Revenue July 00 - June 01	CABS Billing	\$2,930		
7. Projected TIC Revenues	Revised June 28, 2002 Annual Tariff Filing, Vol 5, Pg	\$0		
8. TIC to be allocated	Minimum CABS Billed or Projected	\$0		

**ALLTEL Telephone Services Corporation  
 Transport Interconnection Charge (TIC) Elimination  
 Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 15**

	Source	Revenue Requirement	% of Total	TIC Amount Reallocated
ALLTEL KENTUCKY				
1. Tandem Switching	Volume 5, Page 5, Line 18	\$0	0.00%	\$-0
2. Initial Tandem Switched Termination Revenue	Volume 5, Page 6, Lns 30 + 35	\$69,138	58.15%	(\$0)
3. Initial Tandem Switched Facility Revenue	Volume 5, Page 6, Lns 31 + 36	\$49,750	41.85%	(\$0)
4. Total		\$118,888		
5. TIC to be allocated to Transport Elements	Volume 5, Page 7, line 12		(\$0)	
6. TIC Rate Adjustment - Tandem Switching	Ln 1 / Volume 5, Page 5, Line 19	0.000000		
7. TIC Rate Adjustment - TST	Ln 2 / Volume 5, Page 5, Line 11	(0.000000)		
8. TIC Rate Adjustment - TSF	Ln 3 / Volume 5, Page 5, Line 9	(0.000000)		

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Rate Development Summary**

**ALLTEL MISSOURI**

**End User**

End User - Multiline Business	\$9.20
End User - Single Line Business / Residential	\$6.00

**Carrier Common Line**

Premium Originating	N/A	NonPremium Originating	N/A
Premium Terminating	N/A	NonPremium Terminating	N/A

**Traffic Sensitive - Switched**

<b>Premium</b>		<b>NonPremium</b>	
Local Switching	0.005700	Local Switching	0.002565
Information Surcharge	0.000006	Information Surcharge	0.000003
TIC	0.000000	TIC	0.000000

**Tandem Switched**

Termination	0.001554
Facility	0.000396
Switching	0.000000

**Direct Trunked**

VG Termination	\$15.13
VG Facility	\$0.97
DS1 Termination	\$57.42
DS1 Facility	\$14.56
DS1 Multiplexing	\$149.70
DS3 Termination	\$788.02
DS3 Facility	\$95.35
DS3 Multiplexing	\$302.10

**Entrance Facility**

VG2W	\$21.67
VG4W	\$34.67
DS1	\$172.27
DS3	\$1,784.49

**Traffic Sensitive - Special**

Service	Channel	Channel Mileage	
	Termination	Facility	Termination
Telegraph 2 Wire	\$26.00	\$2.09	\$15.98
Telegraph 4 Wire	\$39.01	\$2.09	\$15.98
Voice Grade 2 Wire	\$21.67	\$0.97	\$15.13
Voice Grade 4 Wire	\$34.67	\$0.97	\$15.13
Program Audio 3.5 khz	\$17.34	\$1.01	\$14.36
Program Audio 5.0 khz	\$21.67	\$1.68	\$16.95
Program Audio 8.0 khz	\$21.67	\$1.73	\$16.95
Program Audio 15 khz	\$21.67	\$4.92	\$16.95
Digital Data 2.4 Kbps	\$64.27	\$1.13	\$30.34
Digital Data 4.8 Kbps	\$64.27	\$1.13	\$30.34
Digital Data 9.6 Kbps	\$64.27	\$1.13	\$30.34
Digital Data 19.2 Kbps	\$64.27	\$1.13	\$30.34
Digital Data 56 Kbps	\$64.27	\$1.13	\$30.34
Digital Data 64 Kbps	\$64.27	\$1.13	\$30.34
High Capacity 1.544	\$172.27	\$14.56	\$57.42
High Capacity 44.736 Mbps	\$1,784.49	\$95.35	\$788.02

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

End User Rate Development

ALLTEL MISSOURI

Ln	End User Rate Development	Source	Amount
1.	BFP Revenue Requirement	Volume 2, Section 2	\$7,818,290
1a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 1	\$0
2.	Special Access Surchargeable Channels	Volume 4	12
3.	Special Access Surcharge Revenues	(Ln 2 * \$25)	\$300
4.	Adjusted BFP Revenue Requirement	(Ln 1 + 1a + 3)	\$7,817,990
5.	Test Period Mean Access Lines	Volume 4	70,229
6.	Annual Cost Per Line	Ln 4 / Ln 5	\$111.32
7.	Capped EUCL Multi-Line Rate		\$9.20
8.	Monthly Cost Per Line	Ln 6 / 12	\$9.28
9.	Monthly EUCL Multi-Line Rate	Smaller of Ln 7 or Ln 8	\$9.20
10.	Monthly EUCL Single Line Rate	Smaller of \$3.50 or Ln 9	\$6.00

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
 Switched Access  
**Nonrecurring Revenues**

ALLTEL MISSOURI

Ln	(A) Rate	(B) Test Period Demand	(C)=(A)*(B) Revenues	
1.	Switched Access Service Order, Miscellaneous Service Order and Interim NXX Translation	\$68.00	67	\$4,556
2.	Service Date Change, Design Change	\$18.00	0	\$0
3a.	Switched Access Trunk Conversion/Activation	\$112.00	0	\$0
3b.	Switched Access Installation Voice Grade 2 Wire	\$215.00	0	\$0
3c.	Switched Access Installation Voice Grade 4 Wire	\$215.00	0	\$0
3d.	Switched Access Installation High Capacity DS1	\$303.00	0	\$0
3e.	Switched Access Installation High Capacity DS3	\$333.00	0	\$0
4.	Presubscription	\$5.00	9,536	\$47,680
5.	Unauthorized PIC Change	\$30.00	0	\$0
6.	Total Non-Recurring Revenue Requirement			\$52,236

Sources:

- Col (A) - Volume 3
- Col (B) - Volume 4

**ALLTEL Telephone Services Corporation**  
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Traffic Sensitive Rate Development  
Switched Access  
**Local Switching Rate Development**

ALLTEL MISSOURI

Ln	Source	Quantity
1.	Local Switching Revenue Requirement (Includes Equal Access Revenue Requirement )	Volume 2, Section 1 \$939,875
1a.	SS7 Revenue Requirement	Volume 2, Section 1 \$1,858
1b.	plus: analog revenue requirement	\$0
1c.	less: DEM Weighting to be recovered through USF	\$0
1d.	Sub Total	Ln 1 + 1a + 1b - 1c \$941,732
1e.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 2 \$0
1f.	Adjusted Local Switching Revenue Requirement	Ln 1d - 1e \$941,732
2.	Premium Minutes of Use	Volume 4 165,213,840
3.	Non-Premium Minutes of Use	Volume 4 0
4.	Weighted Minutes	Ln 2 + (Ln 3 * 45%) 165,213,840
5.	Premium Local Switching Rate	(Ln 1g / Ln 4) 0.005700
6.	Non-Premium Local Switching Rate	(Ln 5 * 45%) 0.002565

**Information Surcharge Rate Development**

	Source	Quantity
7.	Information Surcharge Revenue Requirement	Volume 2, Section 1 \$929
7a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 3 \$0
7b.	Adjusted Information Surcharge Revenue Requirement	Ln 7 + 7a \$929
8.	Premium Minutes	Volume 4 165,213,840
9.	Non-Premium Minutes	Volume 4 0
10.	Weighted Minutes	Ln 8 + (Ln 9 * 45%) 165,213,840
11.	Prem Information Surcharge Rate per Minute	(Ln 7b / Ln 10) 0.000006
12.	NPrem Information Surcharge Rate per Minute	(Ln 11 * 45%) 0.000003

**ALLTEL Telephone Services Corporation  
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Traffic Sensitive Rate Development  
Switched Access  
**Miscellaneous Data**

## ALLTEL MISSOURI

Ln	Source	Quantity	
1.	Local Switching MOUs	Page 4, Lns 2 + 3	165,213,840
2.	Pct of Local Switch MOU is Common Tspt MOU	Volume 4, Section 4	69%
3.	Common Transport MOUs	Ln 1 * Ln 2	113,997,550
4.	Total Comm. Tspt Avg Length of Haul (ALOH)	Volume 4, Section 4	12.34
5.	Remote to Host Tspt ALOH	Volume 4, Section 4	7.64
6.	Avg # of Total Terms per Comm. Tspt MOU	Volume 4, Section 4	1.72
7.	Avg # of Terms per Circuit		n/a
8.	Avg # of Remote Terms per Comm. Tspt MOU	Volume 4, Section 4	1.05
9.	Total Comm. Tspt MOU Miles	Ln 3 * Ln 4	1,406,729,762
10.	Total Remote-Host MOU Miles	Ln 3 * Ln 5	870,941,279
11.	Total Comm. Tspt Terms	Ln 3 * Ln 6	196,075,785
12.	Total Remote-Host Terms	Ln 3 * Ln 8	119,697,427
13.	Tandem Switch MOU % of Comm. Tspt MOU	Volume 4, Section 4	27%
14.	Tandem Switching MOU	Ln 3 * Ln 13	30,779,338

**Tandem Switching Rate Development**

Ln			
15.	Tandem Switching Revenue Requirement	Volume 2, Section 1	\$0
16.	plus: Tandem Switched Port Card Revenue Requirement		\$0
17.	plus: Tandem Switched Multiplexer Revenue Requirement		\$0
18.	Adjusted Rate Making Revenue Requirement		\$0
19.	Total Tandem Switching MOUs	Line 14	30,779,338
20.	Initial Tandem Switching Rate	Line 18/ Line 19	0

**Tandem Switched Transport Rate Calculation**

22.	DS1 Dedicated Transport Termination Rate (DTT)	Page 10, Line 47, Col (E)	\$57.42
23.	DS1 Dedicated Transport Facility Rate (DTF)	Page 10, Line 21, Col (E)	\$14.56
24.	DS1 MOU per Voice Grade Equivalent	MOU * 24 VG Equiv	102,888
25.	Tandem Switched Term (TST) Initial Rate	Line 22/Line 24	0.000558
26.	Tandem Switched Facility (TSF) Initial Rate	Line 23/Line 24	0.000142
27.	Tandem Switched Term Adj - Host Remote	Host-Remote Worksheet	0.000996
28.	Tandem Switched Facility Adj - Host Remote	Host-Remote Worksheet	0.000254
29.	TST Rate Before TIC Elimination Adjustment	Line 25 + 27	0.001554
30.	TSF Rate Before TIC Elimination Adjustment	Line 26 + 28	0.000396

**ALLTEL Telephone Services Corporation**  
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Traffic Sensitive Rate Development  
Switched Access  
**Direct Trunked Transport Revenues**

## ALLTEL MISSOURI

Ln	Source	Quantity
1.	VG Dedicated Transport Termination Rate (DTT)	Page 10, Ln 36,Col(E) \$15.13
2.	VG Dedicated Transport Facility Rate (DTF)	Page 10, Ln 20,Col(E) \$0.97
3.	DS1 Dedicated Transport Termination Rate (DTT)	Page 5, Line 22 \$57.42
4.	DS1 Dedicated Transport Facility Rate (DTF)	Page 5, Line 23 \$14.56
5.	DS3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 48,Col(E) \$788.02
6.	DS3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 32,Col(E) \$95.35
6A.	OC3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 49,Col(E) \$1,343.57
6B.	OC3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 33,Col(E) \$151.69
6C.	OC12 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 50,Col(E) \$1,560.27
6D.	OC12 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 34,Col(E) \$238.37
7.	Direct Trunked VG Terminations	Forecast Demand 33
8.	Direct Trunked VG Miles	Vol 4, Sec 4 ALOH * Line 7 319
9.	Direct Trunked DS1 Terminations	Forecast Demand 1,218
10.	Direct Trunked DS1 Miles	Vol 4, Sec 4 ALOH * Line 9 9,756
11.	Direct Trunked DS3 Terminations	Forecast Demand 0
12.	Direct Trunked DS3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12A.	Direct Trunked OC3 Terminations	Forecast Demand 0
12B.	Direct Trunked OC3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12C.	Direct Trunked OC12 Terminations	Forecast Demand 0
12D.	Direct Trunked OC12 Miles	Vol 4, Sec 4 ALOH * Line 11 0
13.	Direct Trunked Termination Revenues	\$70,441
14.	Direct Trunked Facility Revenues	\$142,383
15.	DS1 to Voice Mux	Volume 4, Section 3 0
16.	DS3 to DS1 Mux	Volume 4, Section 3 0
17.	Multiplexing Revenue	(Ln 16 * Pg 9,Ln19)+(Ln 17*Pg 9,Ln 24) \$0
18.	Total Direct Trunked Transport Revenues	(Ln 13+Ln14+Ln 17) <u>\$212,824</u>

**Entrance Facility Revenues**

19.	VG2W Entrance Facility Rate	Page 10, Ln 3,Col(E) \$21.67
20.	VG4W Entrance Facility Rate	Page 10, Ln 4,Col(E) \$34.67
21.	DS1 Entrance Facility Rate	Page 10, Ln 15,Col(E) \$172.27
22.	DS3 Entrance Facility Rate	Page 10, Ln 16,Col(E) \$1,784.49
22A.	OC3 Entrance Facility Rate	Page 10, Ln 17,Col(E) \$1,885.33
22B.	OC12 Entrance Facility Rate	Page 10, Ln 18,Col(E) \$2,123.70
23.	VG 2W Entrance Facilities	Forecast Demand 0
24.	VG 4W Entrance Facilities	Forecast Demand 0
25.	DS1 Entrance Facilities	Forecast Demand 0
26.	DS3 Entrance Facilities	Forecast Demand 0
26A.	OC3 Entrance Facilities	Forecast Demand 0
26B.	OC12 Entrance Facilities	Forecast Demand 0
27.	Total Entrance Facility Revenues	(Ln20*Ln24+Ln21*Ln25+Ln 22*Ln26+Ln19*Ln23+Ln 22A*Ln26A+Ln22B*Ln26B) <u>\$0</u>

**Tandem Switched Transport Revenues**

28.	Term MOUs - Remote to Host	Page 5, Ln 12 119,697,427
29.	MOU Miles - Remote to Host	Page 5,Ln 10 870,941,279
30.	TST Revenues Remote to Host	Ln 28 * Pg5, Ln 29 \$186,041
31.	TSF Revenues Remote to Host	Ln 29 * Page 5, Ln 30 \$344,483
32.	Total Revenues Remote to Host	Line 31+Line 32 <u>\$530,525</u>
33.	Term MOUs - End Office/Host	Page 5, Ln11-Page 5, Ln12 76,378,358
34.	MOU Miles - End Office/Host	Page 5, Ln9-Page 5, Ln10 535,788,483
35.	TST Revenues from End Office/Host	Ln33 * Page 5, Ln 29 \$118,712
36.	TSF Revenues from End Office/Host	Ln34 * Page 5, Ln 30 \$211,920
37.	Total Revenues from End Office/Host	Line 35+Line 36 <u>\$330,632</u>
38.	Total Tandem Switched Transport Revenues	Line 32+Line 37 <u>\$861,157</u>

**ALLTEL Telephone Services Corporation**  
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Traffic Sensitive Rate Development  
Switched Access

**800 Data Base Query Revenues**

ALLTEL MISSOURI

Ln	Source	Quantity
1.	Basic Query Charge per Query	SCP Tariff Rate
		0.001
2.	Total Basic Queries	Volume 4 Section 5
		17,403,398
3.	Enhanced Query Charge per Query	SCP Tariff Rate
		0.0012
4.	Total Enhanced Queries	Volume 4 Section 5
		0
5.	Total 800 Data Base Revenues	Ln 1 * Ln 2 + Ln 3 * Ln 4
		<u>\$17,403</u>

**Transport Interconnection Charge (TIC) Calculation**

Ln	Source	Quantity
6a.	Transport Revenue Requirement	Volume 2, Section 1
		\$1,143,621
	<u>Revenue Requirement Adjustment</u>	
6b.	Single Bill Settlement, Receivable	Volume 3, Page 10
		\$0
6c.	Single Bill Settlement, Payable	Volume 3, Page 10
		\$0
6d.	Net Settlement	Volume 3, Page 10
		\$0
6e.	Analog Revenue Requirement	
		\$0
6f.	Rate Making Revenue Requirement	L6a+L6d-6e
		<u>\$1,143,621</u>
7.	Total Direct Trunked Revenues	Page 6, Line 18
		\$212,824
8.	Total Entrance Facility Revenues	Page 6, Line 27
		\$0
8a.	Initial Tandem Switching Revenues	Page 5, Line 18
		\$0
9.	Initial Tandem Switched Transport Revenues	Page 6, Line 39
		\$861,157
10.	Total NRC Revenues	Page 3, Line 6
		\$52,236
11.	800 Data Base Query Revenues	Line 5
		\$17,403
11a.	Less: TIC Allocation to Common Line	Page 2, Line 1b
		\$0
11b.	Less: TIC Allocation to Local Switching	Page 4, Line 1f
		\$0
11c.	Less: TIC Allocation to Information Surcharge	Page 4, Line 7a
		\$0
11d.	Less: TIC Allocation to Special Access	Page 9, Line 12a
		\$0
12.	TIC to be allocated to Transport Elements	Ln 6f-(Sum Lns 7 thru 11d)
		\$0
12a.	TIC Rate Adjustment to TST	TIC Elimination Worksheet
		0.000000
12b.	TIC Rate Adjustment to TSF	TIC Elimination Worksheet
		0.000000
12c.	TIC Rate Adjustment to Tandem Switching	TIC Elimination Worksheet
		0.000000
12d.	Additional TST Revenue	Ln 12a * Page 5, Ln 11
		\$0
12e.	Additional TSF Revenue	Ln 12b * Page 5, Ln 9
		\$0
12f.	Additional Tandem Switching Revenue	Ln 12c * Page 5, Ln 19
		\$0
12g.	TIC after TST,TSF, Tandem Switching Adjustments	Ln 12 - 12d - 12e - 12f
		\$0
12h.	Final TST Rate	Ln 12a + Page 5, Ln 29
		0.001554
12i.	Final TSF Rate	Ln 12b + Page 5, Ln 30
		0.000396
12j.	Final Tandem Switching Rate	Ln 12c + Page 5, Ln 20
		0.000000
13.	Total Premium Local Switching MOUs	Page 4, Line 2
		165,213,840
14.	Total Non-Premium Local Switching MOUs	Page 4, Line 3
		0
15.	Total Weighted MOUs	Line 13 + Line 14 *45%
		<u>165,213,840</u>
16.	Premium TIC	Line 12g / Line 15
		0.000000
17.	Non-Premium TIC	Line 16 * 45%
		0.000000

**ALLTEL Telephone Services Corporation**  
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**Special Access**  
**Nonrecurring Revenues**

ALLTEL MISSOURI

Ln	Installation/Provisions	(A) NRC Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Telegraph 2W/4W	\$196.00	0	\$0
2.	Voice Grade 2W/4W	\$215.00	9	\$1,935
3.	Program Audio	\$190.00	0	\$0
4.	Digital Data	\$140.00	0	\$0
5.	High Capacity 1.544	\$303.00	90	\$27,270
6.	High Capacity 44.736	\$333.00	3	\$999
7.	ADSL Access Port	\$99.95	0	\$0
8.	ADSL Logical Link	\$19.95	0	\$0
9.	ADSL Network Access Link - DS1	\$499.95	0	\$0
9.	ADSL Network Access Link - DS3	\$700.00	0	\$0
<u>Orders</u>				
10.	Special Access Orders	\$68.00	80	\$5,440
11.	Date Change / Design Change	\$18.00	0	\$0
12.	Total NRC Revenues			\$35,644

Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**Optional Feature and Function Revenues**

Ln	Feature	(A) Monthly OFF Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Bridging	\$5.80	84	\$487
2.	C-Conditioning	\$19.30	0	\$0
3.	Data Conditioning	\$19.30	12	\$232
4.	Improved Return Loss 2W/4W	\$18.50	0	\$0
5.	Signaling Capability	\$2.70	0	\$0
6.	Customer Specified Receive Level	\$12.70	0	\$0
7.	Digital Data Channel Service Unit 9.6 Kbps	\$24.20	0	\$0
8.	Selective Signaling Arrangement	\$18.50	0	\$0
9.	Multiplexing DS1 to Voice	\$149.70	0	\$0
10.	Multiplexing DS1 to DSO	\$149.70	0	\$0
11.	Improved Termination Option, per CT 2 Wire	\$10.98	0	\$0
12.	Improved Termination Option, per CT 4 Wire	\$10.98	0	\$0
13.	Program Audio Conditioning - zero loss	\$12.00	0	\$0
14.	Multiplexing DS3 to DS1	\$302.10	12	\$3,625
15.	ADSL Access Port 1	\$29.95	3,909	\$117,075
16.	ADSL Access Port 2	\$59.95	153	\$9,172
17.	ADSL Access Port 3	\$119.95	265	\$31,787
18.	ADSL Additional Logical Link	\$19.95	0	\$0
19.	ADSL Network Access Link - Per DS1	\$399.95	12	\$4,799
20.	ADSL Network Access Link - Per DS3	\$2,950.00	0	\$0
21.	ADSL Additional Logical Access Link Blocks	\$99.95	0	\$0
22.	Total Optional Special Access Revenues			\$167,177

Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

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**Special Access  
ICB Revenues**

ALLTEL MISSOURI

Ln	Rate Element	Source	Test Period
1.	Channel Termination ICB Revenues	Volume 3	\$0
2.	Channel Mileage Facility ICB Revenues	Volume 3	\$0
3.	Channel Mileage Termination ICB Revenues	Volume 3	\$0
4.	Total ICB Revenues (Ln 6 * Ln 7)		\$0

**Special Access Revenue Requirement Adjustment**

5.	Single Bill Settlement , Receivable	Volume 3	\$0
6.	Single Bill Settlement , Payable	Volume 3	\$0
7.	Single Bill Settlement , Net Adjustment	Line 5+ Line 6	\$0

**Revenue Requirement**

	Source	
8.	Total Special Access Rev Req	Volume 2, Section 1
		\$1,516,124
9.	(+)/(-) Single Bill Settlement Adjustment	Line 7
		\$0
10.	Less: Nonrecurring Charge Revs	Page 8, Line 12
		(\$35,644)
11.	Less: Optional Feature & Function Revs	Page 8, Line 21
		(\$167,177)
12.	Less: ICB revenues	Line 4
		\$-0
12a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 5
		\$0
13.	Total Rate Making Rev Req	Sum (Lines 8 thru 12a)
		\$1,313,303

**ALLTEL Telephone Services Corporation  
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**Special Access**

ALLTEL MISSOURI

Ln	Channel Termination	(A) Index	(B) Test Period Demand	(C)=A*B Annualized Weighted Demand	(D) CT Rev Req	(E) CT Rate
1	Telegraph 2 Wire	1.2000	0	0		\$26.00
2	Telegraph 4 Wire	1.8000	0	0		\$39.01
3	Voice Grade 2 Wire	1.0000	156	156		\$21.67
4	Voice Grade 4 Wire	1.6000	1,320	2,112		\$34.67
5	Program Audio 3.5 khz	0.8000	0	0		\$17.34
6	Program Audio 5.0 khz	1.0000	0	0		\$21.67
7	Program Audio 8.0 khz	1.0000	0	0		\$21.67
8	Program Audio 15 khz	1.0000	0	0		\$21.67
9	Digital Data 2.4 Kbps	2.9660	0	0		\$64.27
10	Digital Data 4.8 Kbps	2.9660	0	0		\$64.27
11	Digital Data 9.6 Kbps	2.9660	60	178		\$64.27
12	Digital Data 19.2 Kbps	2.9660	12	36		\$64.27
13	Digital Data 56 Kbps	2.9660	2,373	7,038		\$64.27
14	Digital Data 64 Kbps	2.9660	378	1,121		\$64.27
15	High Capacity 1.54 Mbps	7.9495	2,499	19,866		\$172.27
16	High Capacity 44.746	82.3468	15	1,235		\$1,784.49
17	SOCS OC3	87.0000	0	0		\$1,885.33
18	SOCS OC12	98.0000	0	0		\$2,123.70
			<u>6,813</u>	<u>31,742</u>		

CMF  
Rate

Ln	Channel Mileage Facility	(A)	(B)	(C)=A*B	(D)	(E)
19	Telegraph	0.0964	0	0		\$2.09
20	Voice Grade	0.0448	14,278	640		\$0.97
21	Program Audio 3.5 khz	0.0464	0	0		\$1.01
22	Program Audio 5.0 khz	0.0776	0	0		\$1.68
23	Program Audio 8.0 khz	0.0800	0	0		\$1.73
24	Program Audio 15 khz	0.2272	0	0		\$4.92
25	Digital Data 2.4 Kbps	0.0520	0	0		\$1.13
26	Digital Data 4.8 Kbps	0.0520	0	0		\$1.13
27	Digital Data 9.6 Kbps	0.0520	687	36		\$1.13
28	Digital Data 19.2 Kbps	0.0520	137	7		\$1.13
29	Digital Data 56 Kbps	0.0520	21,984	1,143		\$1.13
30	Digital Data 64 Kbps	0.0520	3,502	182		\$1.13
31	High Capacity 1.544	0.6720	20,017	13,451		\$14.56
32	High Capacity 44.736	4.4000	181	798		\$95.35
33	SOCS OC3	7.0000	0	0		\$151.69
34	SOCS OC12	11.0000	0	0		\$238.37
			<u>60,787</u>	<u>16,257</u>		

CMT  
Rate

Ln	Channel Mileage Termination	(A)	(B)	(C)=A*B	(D)	(E)
35	Telegraph	0.7376	0	0		\$15.98
36	Voice Grade	0.6984	1,404	981		\$15.13
37	Program Audio 3.5 khz	0.6628	0	0		\$14.36
38	Program Audio 5.0 khz	0.7820	0	0		\$16.95
39	Program Audio 8.0 khz	0.7820	0	0		\$16.95
40	Program Audio 15 khz	0.7820	0	0		\$16.95
41	Digital Data 2.4 Kbps	1.4000	0	0		\$30.34
42	Digital Data 4.8 Kbps	1.4000	0	0		\$30.34
43	Digital Data 9.6 Kbps	1.4000	60	84		\$30.34
44	Digital Data 19.2 Kbps	1.4000	12	17		\$30.34
45	Digital Data 56 Kbps	1.4000	2,456	3,438		\$30.34
46	Digital Data 64 Kbps	1.4000	391	548		\$30.34
47	High Capacity 1.544	2.6498	2,474	6,555		\$57.42
48	High Capacity 44.736 Mbps	36.3640	27	982		\$788.02
49	SOCS OC3	62.0000	0	0		\$1,343.57
50	SOCS OC12	72.0000	0	0		\$1,560.27
			<u>6,824</u>	<u>12,604</u>		
			<u>60,603</u>	<u>\$1,313,303</u>		

Col (A) = Volume 3  
Col (B) = Volume 4, Section 4  
Col (C) = Col (A) \* Col (B) Col (C) Total  
Col (D) = Page 9, Line 13

**ALLTEL Telephone Services Corporation**  
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**Special Access**  
**Calculation of Recurring Special Access Revenues**

## ALLTEL MISSOURI

Ln	Service	(A) CT Rate	(B) CT Revenue	(C) CMF Rate	(D) CMF Revenue*	(E) CMT Rate	(F) CMT Revenue*
1.	Telegraph 2 Wire	\$26.00	\$0				
2.	Telegraph 4 Wire	\$39.01	\$0	\$2.09	\$0	\$15.98	\$0
3.	Voice Grade 2 Wire	\$21.67	\$3,381				
4.	Voice Grade 4 Wire	\$34.67	\$45,768	\$0.97	\$13,862	\$15.13	\$21,249
5.	Program Audio 3.5 khz	\$17.34	\$0	\$1.01	\$0	\$14.36	\$0
6.	Program Audio 5.0 khz	\$21.67	\$0	\$1.68	\$0	\$16.95	\$0
7.	Program Audio 8.0 khz	\$21.67	\$0	\$1.73	\$0	\$16.95	\$0
8.	Program Audio 15 khz	\$21.67	\$0	\$4.92	\$0	\$16.95	\$0
9.	Digital Data 2.4 Kbps	\$64.27	\$0	\$1.13	\$0	\$30.34	\$0
10.	Digital Data 4.8 Kbps	\$64.27	\$0	\$1.13	\$0	\$30.34	\$0
11.	Digital Data 9.6 Kbps	\$64.27	\$3,856	\$1.13	\$774	\$30.34	\$1,820
12.	Digital Data 19.2 Kbps	\$64.27	\$771	\$1.13	\$155	\$30.34	\$364
13.	Digital Data 56 Kbps	\$64.27	\$152,524	\$1.13	\$24,773	\$30.34	\$74,506
14.	Digital Data 64 Kbps	\$64.27	\$24,296	\$1.13	\$3,946	\$30.34	\$11,868
15.	High Capacity 1.544	\$172.27	\$430,503	\$14.56	\$291,495	\$57.42	\$142,048
16.	High Capacity 44.736	\$1,784.49	\$26,767	\$95.35	\$17,300	\$788.02	\$21,277
16.	SOCS OC3	\$1,885.33	\$0	\$151.69	\$0	\$1,343.57	\$0
16.	SOCS OC12	\$2,123.70	\$0	\$238.37	\$0	\$1,560.27	\$0
			\$687,866		\$352,305		\$273,132

## Sources:

<p>Cols (A), (C) and (E) = Page 10, Col (E)  Col (B) = Col (A) * Page 10, Col (B)  Col (D) = Col (C) * Page 10, Col (B)  Col (F) = Col (E) * Page 10, Col (B)</p>
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**ALLTEL Telephone Services Corporation**  
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Special Access  
**Crossover Analysis**

ALLTEL MISSOURI

**Voice Grade to Hi Cap DS1**

Config	Element	(A)	(B)
		Voice Grade 4 Wire	Hi-Cap 1.544 Mbps
2	CT	\$69.35	\$344.54
10	CMF	\$9.71	\$145.63
2	CMT	\$30.27	\$114.85
Total Config		\$109.32	\$605.01

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DS1 to VG 4W Crossover (Total Col (B) / Total Col (A))

5.53

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Sources:

Col (A) = Config Column * VG4W Rates from Page 11
Col (B) = Config Column * Hi Cap 1.544 Rates from Page 11

**Transport Benchmark**

Config	Element	(A)	(B)
		DS1	DS3
1	CT	\$172.27	\$1,784.49
10	CMF	\$145.63	\$953.50
2	CMT	\$114.85	\$1,576.05
1	MUX	n/a	\$302.10
Total Config		\$432.74	\$4,616.14

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DS3 to DS1 Crossover (Total Col (B) / Total Col (A))

10.67

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Sources:

Col (A) = Config Column * DS1 Rates from Page 11
Col (B) = Config Column * DS3 Rates from Page 11

**Calculation of Host-Remote / TIC Adjustment  
(FCC 97-158, 1st Report & Order, Para 220)**

	Before Host Remote Adj	After Host Remote Adj
TST Revenues Remote to Host	\$66,791	
TSF Revenues Remote to Host	\$123,674	
Total Revenues Remote to Host	\$190,465	
TST Remote/Host MOU TERM's	119,697,427	
TSF Remote/Host MOU/Miles	870,941,279	
Total Host-Remote Investment	\$2,892,404	
Total Interstate TS SW Rev Req	\$2,086,282	
Total Interstate TS SW TPIS	\$10,505,344	
Total Interstate TS SW Factor	0.198592	
Total Host-Remote Rev Req	\$724,408	
Total Shortfall going to TIC		\$683,943
TST Shortfall going to TIC		\$239,842
TSF Shortfall going to TIC		\$444,102
TST Rate adj for H-R		0.001223
TSF Rate adj for H-R		0.000316
Total Transport Rev Req (Ln 6h)	\$1,143,621	
Less: Direct Trunk Revenues	\$212,824	
Less: Entrance Facility Revenues	\$0	
Less: Tandem Switching Revenues	\$0	
Less: NRC Revenues	\$52,236	
Less: 800 DBQ Revenues	\$17,403	
Requirement from Common Tspt	\$861,157	
Total Common TST MOU Terms	196,075,785	
Total Common TSF MOU/Miles	1,406,729,762	
Initial TST rate (Ln 17 workpapers)	\$0.000558	
Initial TSF rate (Ln 18 workpapers)	\$0.000142	
Initial TST Revenues	\$109,410	
Initial TSF Revenues	\$199,756	
Initial total TST/TSF revenues	\$309,166	
Maximum TST rev req		\$304,754
Maximum TSF rev req		\$556,403
Maximum TST rate adj		\$0.000996
Maximum TSF rate adj		\$0.000254
Adj needed to TST Rate		0.000996
Adj needed to TSF Rate		0.000254

**ALLTEL Telephone Services Corporation**  
**Transport Interconnection Charge (TIC) Revenue Allocation**  
**Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 14**

ALLTEL MISSOURI	Source	Revenue Requirement	% of Total	TIC Amount Reallocated
1. Common Line	TRP Form COS1-P Line 100 Less USF Contribution	\$7,404,609	67.27%	\$0
2. Local Switching	Volume 5, Page 4, Ln 1d	\$941,732	8.56%	\$0
3. Information	Volume 5, Page 4, Ln 7	\$929	0.01%	\$0
4. Transport Less TIC Revenue	ACR-1 Projected (Column I)	\$1,143,621	10.39%	\$0
5. Special Access	Volume 5, Page 9, Ln 8	\$1,516,124	13.77%	\$0
Total		\$11,007,015		
6. TIC Revenue July 00 - June 01	CABS Billing	\$0		
7. Projected TIC Revenues	Revised June 28, 2002 Annual Tariff Filing, Vol 5, Pg	\$0		
8. TIC to be allocated	Minimum CABS Billed or Projected	\$0		

**ALLTEL Telephone Services Corporation  
 Transport Interconnection Charge (TIC) Elimination  
 Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 15**

	ALLTEL MISSOURI	Source	Revenue Requirement	% of Total	TIC Amount Reallocated
1.	Tandem Switching	Volume 5, Page 5, Line 18	\$0	0.00%	\$0
2.	Initial Tandem Switched Termination Revenue	Volume 5, Page 6, Lns 30 + 35	\$304,754	35.39%	\$0
3.	Initial Tandem Switched Facility Revenue	Volume 5, Page 6, Lns 31 + 36	\$556,403	64.61%	\$0
4.	Total		\$861,157		
5.	TIC to be allocated to Transport Elements	Volume 5, Page 7, line 12	\$0		
6.	TIC Rate Adjustment - Tandem Switching	Ln 1 / Volume 5, Page 5, Line 19	0.000000		
7.	TIC Rate Adjustment - TST	Ln 2 / Volume 5, Page 5, Line 11	0.000000		
8.	TIC Rate Adjustment - TSF	Ln 3 / Volume 5, Page 5, Line 9	0.000000		

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Rate Development Summary**

**ALLTEL MISSISSIPPI**

**End User**

End User - Multiline Business	\$8.68
End User - Single Line Business / Residential	\$6.00

**Carrier Common Line**

Premium Originating	N/A	NonPremium Originating	N/A
Premium Terminating	N/A	NonPremium Terminating	N/A

**Traffic Sensitive - Switched**

<b>Premium</b>		<b>NonPremium</b>	
Local Switching	0.003295	Local Switching	0.001483
Information Surcharge	0.000608	Information Surcharge	0.000274
TIC	0.000000	TIC	0.000000

**Tandem Switched**

Termination	0.000980
Facility	0.000315
Switching	0.000000

**Direct Trunked**

VG Termination	\$21.89
VG Facility	\$1.62
DS1 Termination	\$96.24
DS1 Facility	\$31.60
DS1 Multiplexing	\$149.70
DS3 Termination	\$1,061.57
DS3 Facility	\$128.45
DS3 Multiplexing	\$302.10

**Entrance Facility**

VG2W	\$29.19
VG4W	\$46.71
DS1	\$176.09
DS3	\$3,102.18

**Traffic Sensitive - Special**

Service	Channel	Channel Mileage	
	Termination	Facility	Termination
Telegraph 2 Wire	\$32.44	\$3.82	\$4.01
Telegraph 4 Wire	\$44.60	\$3.82	\$4.01
Voice Grade 2 Wire	\$29.19	\$1.62	\$21.89
Voice Grade 4 Wire	\$46.71	\$1.62	\$21.89
Program Audio 3.5 khz	\$21.49	\$0.73	\$14.60
Program Audio 5.0 khz	\$32.44	\$0.81	\$20.27
Program Audio 8.0 khz	\$32.44	\$0.81	\$20.27
Program Audio 15 khz	\$32.44	\$0.81	\$20.27
Digital Data 2.4 Kbps	\$52.71	\$1.54	\$16.22
Digital Data 4.8 Kbps	\$52.71	\$1.54	\$16.22
Digital Data 9.6 Kbps	\$52.71	\$1.54	\$16.22
Digital Data 19.2 Kbps	\$52.71	\$1.54	\$16.22
Digital Data 56 Kbps	\$82.71	\$3.24	\$32.44
Digital Data 64 Kbps	\$82.71	\$3.24	\$32.44
High Capacity 1.544	\$176.09	\$31.60	\$96.24
High Capacity 44.736 Mbps	\$3,102.18	\$128.45	\$1,061.57

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

End User Rate Development

ALLTEL MISSISSIPPI

Ln	End User Rate Development	Source	Amount
1.	BFP Revenue Requirement	Volume 2, Section 2	\$1,341,168
1a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 1	\$0
2.	Special Access Surchargeable Channels	Volume 4	0
3.	Special Access Surcharge Revenues	(Ln 2 * \$25)	\$0
4.	Adjusted BFP Revenue Requirement	(Ln 1 + 1a + 3)	\$1,341,168
5.	Test Period Mean Access Lines	Volume 4	12,872
6.	Annual Cost Per Line	Ln 4 / Ln 5	\$104.19
7.	Capped EUCL Multi-Line Rate		\$9.20
8.	Monthly Cost Per Line	Ln 6 / 12	\$8.68
9.	Monthly EUCL Multi-Line Rate	Smaller of Ln 7 or Ln 8	\$8.68
10.	Monthly EUCL Single Line Rate	Smaller of \$3.50 or Ln 9	\$6.00

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
 Switched Access  
**Nonrecurring Revenues**

ALLTEL MISSISSIPPI

Ln	(A) Rate	(B) Test Period Demand	(C)=(A)*(B) Revenues	
1.	Switched Access Service Order, Miscellaneous Service Order and Interim NXX Translation	\$68.00	5	\$340
2.	Service Date Change, Design Change	\$18.00	0	\$0
3a.	Switched Access Trunk Conversion/Activation	\$112.00	0	\$0
3b.	Switched Access Installation Voice Grade 2 Wire	\$215.00	0	\$0
3c.	Switched Access Installation Voice Grade 4 Wire	\$215.00	0	\$0
3d.	Switched Access Installation High Capacity DS1	\$303.00	0	\$0
3e.	Switched Access Installation High Capacity DS3	\$333.00	0	\$0
4.	Presubscription	\$5.00	1,873	\$9,365
5.	Unauthorized PIC Change	\$30.00	0	\$0
6.	Total Non-Recurring Revenue Requirement			\$9,705

Sources:

Col (A) - Volume 3

Col (B) - Volume 4

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Local Switching Rate Development**

ALLTEL MISSISSIPPI

Ln	Source	Quantity
1.	Local Switching Revenue Requirement (Includes Equal Access Revenue Requirement )	Volume 2, Section 1 \$329,229
1a.	SS7 Revenue Requirement	Volume 2, Section 1 \$405
1b.	plus: analog revenue requirement	\$0
1c.	less: DEM Weighting to be recovered through USF	(\$221,104)
1d.	Sub Total	Ln 1 + 1a + 1b - 1c \$108,530
1e.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 2 \$0
1f.	Adjusted Local Switching Revenue Requirement	Ln 1d - 1e \$108,530
2.	Premium Minutes of Use	Volume 4 32,935,336
3.	Non-Premium Minutes of Use	Volume 4 0
4.	Weighted Minutes	Ln 2 + (Ln 3 * 45%) 32,935,336
5.	Premium Local Switching Rate	(Ln 1g / Ln 4) 0.003295
6.	Non-Premium Local Switching Rate	(Ln 5 * 45%) 0.001483

**Information Surcharge Rate Development**

	Source	Quantity
7.	Information Surcharge Revenue Requirement	Volume 2, Section 1 \$20,037
7a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 3 \$0
7b.	Adjusted Information Surcharge Revenue Requirement	Ln 7 + 7a \$20,037
8.	Premium Minutes	Volume 4 32,935,336
9.	Non-Premium Minutes	Volume 4 0
10.	Weighted Minutes	Ln 8 + (Ln 9 * 45%) 32,935,336
11.	Prem Information Surcharge Rate per Minute	(Ln 7b / Ln 10) 0.000608
12.	NPrem Information Surcharge Rate per Minute	(Ln 11 * 45%) 0.000274

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Miscellaneous Data**

## ALLTEL MISSISSIPPI

Ln	Source	Quantity	
1.	Local Switching MOUs	Page 4, Lns 2 + 3	32,935,336
2.	Pct of Local Switch MOU is Common Tspt MOU	Volume 4, Section 4	74%
3.	Common Transport MOUs	Ln 1 * Ln 2	24,372,149
4.	Total Comm. Tspt Avg Length of Haul (ALOH)	Volume 4, Section 4	8.87
5.	Remote to Host Tspt ALOH	Volume 4, Section 4	2.48
6.	Avg # of Total Terms per Comm. Tspt MOU	Volume 4, Section 4	1.35
7.	Avg # of Terms per Circuit		n/a
8.	Avg # of Remote Terms per Comm. Tspt MOU	Volume 4, Section 4	0.45
9.	Total Comm. Tspt MOU Miles	Ln 3 * Ln 4	216,180,958
10.	Total Remote-Host MOU Miles	Ln 3 * Ln 5	60,442,929
11.	Total Comm. Tspt Terms	Ln 3 * Ln 6	32,902,401
12.	Total Remote-Host Terms	Ln 3 * Ln 8	10,967,467
13.	Tandem Switch MOU % of Comm. Tspt MOU	Volume 4, Section 4	0%
14.	Tandem Switching MOU	Ln 3 * Ln 13	0

**Tandem Switching Rate Development**

Ln	Source	Quantity	
15.	Tandem Switching Revenue Requirement	Volume 2, Section 1	\$0
16.	plus: Tandem Switched Port Card Revenue Requirement		\$0
17.	plus: Tandem Switched Multiplexer Revenue Requirement		\$0
18.	Adjusted Rate Making Revenue Requirement		\$0
19.	Total Tandem Switching MOUs	Line 14	0
20.	Initial Tandem Switching Rate	Line 18/ Line 19	none

**Tandem Switched Transport Rate Calculation**

22.	DS1 Dedicated Transport Termination Rate (DTT)	Page 10, Line 47, Col (E)	\$96.24
23.	DS1 Dedicated Transport Facility Rate (DTF)	Page 10, Line 21, Col (E)	\$31.60
24.	DS1 MOU per Voice Grade Equivalent	MOU * 24 VG Equiv	123,576
25.	Tandem Switched Term (TST) Initial Rate	Line 22/Line 24	0.000779
26.	Tandem Switched Facility (TSF) Initial Rate	Line 23/Line 24	0.000256
27.	Tandem Switched Term Adj - Host Remote	Host-Remote Worksheet	0.000130
28.	Tandem Switched Facility Adj - Host Remote	Host-Remote Worksheet	0.000036
29.	TST Rate Before TIC Elimination Adjustment	Line 25 + 27	0.000909
30.	TSF Rate Before TIC Elimination Adjustment	Line 26 + 28	0.000292

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Direct Trunked Transport Revenues**

## ALLTEL MISSISSIPPI

Ln	Source	Quantity
1.	VG Dedicated Transport Termination Rate (DTT)	Page 10, Ln 36,Col(E) \$21.89
2.	VG Dedicated Transport Facility Rate (DTF)	Page 10, Ln 20,Col(E) \$1.62
3.	DS1 Dedicated Transport Termination Rate (DTT)	Page 5, Line 22 \$96.24
4.	DS1 Dedicated Transport Facility Rate (DTF)	Page 5, Line 23 \$31.60
5.	DS3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 48,Col(E) \$1,061.57
6.	DS3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 32,Col(E) \$128.45
6A.	OC3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 49,Col(E) \$1,897.54
6B.	OC3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 33,Col(E) \$204.35
6C.	OC12 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 50,Col(E) \$2,189.47
6D.	OC12 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 34,Col(E) \$321.12
7.	Direct Trunked VG Terminations	Forecast Demand 0
8.	Direct Trunked VG Miles	Vol 4, Sec 4 ALOH * Line 7 0
9.	Direct Trunked DS1 Terminations	Forecast Demand 87
10.	Direct Trunked DS1 Miles	Vol 4, Sec 4 ALOH * Line 9 108
11.	Direct Trunked DS3 Terminations	Forecast Demand 0
12.	Direct Trunked DS3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12A.	Direct Trunked OC3 Terminations	Forecast Demand 0
12B.	Direct Trunked OC3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12C.	Direct Trunked OC12 Terminations	Forecast Demand 0
12D.	Direct Trunked OC12 Miles	Vol 4, Sec 4 ALOH * Line 11 0
13.	Direct Trunked Termination Revenues	\$8,373
14.	Direct Trunked Facility Revenues	\$3,421
15.	DS1 to Voice Mux	Volume 4, Section 3 0
16.	DS3 to DS1 Mux	Volume 4, Section 3 0
17.	Multiplexing Revenue	(Ln 16 * Pg 9,Ln19)+(Ln 17*Pg 9,Ln 24) \$0
18.	Total Direct Trunked Transport Revenues	(Ln 13+Ln14+Ln 17) <u>\$11,794</u>

**Entrance Facility Revenues**

19.	VG2W Entrance Facility Rate	Page 10, Ln 3,Col(E) \$29.19
20.	VG4W Entrance Facility Rate	Page 10, Ln 4,Col(E) \$46.71
21.	DS1 Entrance Facility Rate	Page 10, Ln 15,Col(E) \$176.09
22.	DS3 Entrance Facility Rate	Page 10, Ln 16,Col(E) \$3,102.18
22A.	OC3 Entrance Facility Rate	Page 10, Ln 17,Col(E) \$2,481.40
22B.	OC12 Entrance Facility Rate	Page 10, Ln 18,Col(E) \$2,773.32
23.	VG 2W Entrance Facilities	Forecast Demand 0
24.	VG 4W Entrance Facilities	Forecast Demand 0
25.	DS1 Entrance Facilities	Forecast Demand 0
26.	DS3 Entrance Facilities	Forecast Demand 0
26A.	OC3 Entrance Facilities	Forecast Demand 0
26B.	OC12 Entrance Facilities	Forecast Demand 0
27.	Total Entrance Facility Revenues	(Ln20*Ln24+Ln21*Ln25+Ln 22*Ln26+Ln19*Ln23+Ln 22A*Ln26A+Ln22B*Ln26B) <u>\$0</u>

**Tandem Switched Transport Revenues**

28.	Term MOUs - Remote to Host	Page 5, Ln 12 10,967,467
29.	MOU Miles - Remote to Host	Page 5,Ln 10 60,442,929
30.	TST Revenues Remote to Host	Ln 28 * Pg5, Ln 29 \$9,966
31.	TSF Revenues Remote to Host	Ln 29 * Page 5, Ln 30 \$17,635
32.	Total Revenues Remote to Host	Line 31+Line 32 <u>\$27,601</u>
33.	Term MOUs - End Office/Host	Page 5, Ln11-Page 5, Ln12 21,934,934
34.	MOU Miles - End Office/Host	Page 5, Ln9-Page 5, Ln10 155,738,030
35.	TST Revenues from End Office/Host	Ln33 * Page 5, Ln 29 \$19,933
36.	TSF Revenues from End Office/Host	Ln34 * Page 5, Ln 30 \$45,437
37.	Total Revenues from End Office/Host	Line 35+Line 36 <u>\$65,370</u>
38.	Total Tandem Switched Transport Revenues	Line 32+Line 37 <u>\$92,971</u>

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access

**800 Data Base Query Revenues**

ALLTEL MISSISSIPPI

Ln	Source	Quantity
1.	Basic Query Charge per Query	SCP Tariff Rate
2.	Total Basic Queries	Volume 4 Section 5
3.	Enhanced Query Charge per Query	SCP Tariff Rate
4.	Total Enhanced Queries	Volume 4 Section 5
5.	Total 800 Data Base Revenues	Ln 1 * Ln 2 + Ln 3 * Ln 4
		0.001 4,295,968 0.0012 0 \$4,296

**Transport Interconnection Charge (TIC) Calculation**

Ln	Source	Quantity
6a.	Transport Revenue Requirement	Volume 2, Section 1
	Revenue Requirement Adjustment	
6b.	Single Bill Settlement, Receivable	Volume 3, Page 10
6c.	Single Bill Settlement, Payable	Volume 3, Page 10
6d.	Net Settlement	Volume 3, Page 10
6e.	Analog Revenue Requirement	
6f.	Rate Making Revenue Requirement	L6a+L6d-6e
7.	Total Direct Trunked Revenues	Page 6, Line 18
8.	Total Entrance Facility Revenues	Page 6, Line 27
8a.	Initial Tandem Switching Revenues	Page 5, Line 18
9.	Initial Tandem Switched Transport Revenues	Page 6, Line 39
10.	Total NRC Revenues	Page 3, Line 6
11.	800 Data Base Query Revenues	Line 5
11a.	Less: TIC Allocation to Common Line	Page 2, Line 1b
11b.	Less: TIC Allocation to Local Switching	Page 4, Line 1f
11c.	Less: TIC Allocation to Information Surcharge	Page 4, Line 7a
11d.	Less: TIC Allocation to Special Access	Page 9, Line 12a
12.	TIC to be allocated to Transport Elements	Ln 6f-(Sum Lns 7 thru 11d)
12a.	TIC Rate Adjustment to TST	TIC Elimination Worksheet
12b.	TIC Rate Adjustment to TSF	TIC Elimination Worksheet
12c.	TIC Rate Adjustment to Tandem Switching	TIC Elimination Worksheet
12d.	Additional TST Revenue	Ln 12a * Page 5, Ln 11
12e.	Additional TSF Revenue	Ln 12b * Page 5, Ln 9
12f.	Additional Tandem Switching Revenue	Ln 12c * Page 5, Ln 19
12g.	TIC after TST,TSF, Tandem Switching Adjustments	Ln 12 - 12d - 12e - 12f
12h.	Final TST Rate	Ln 12a + Page 5, Ln 29
12i.	Final TSF Rate	Ln 12b + Page 5, Ln 30
12j.	Final Tandem Switching Rate	Ln 12c + Page 5, Ln 20
13.	Total Premium Local Switching MOUs	Page 4, Line 2
14.	Total Non-Premium Local Switching MOUs	Page 4, Line 3
15.	Total Weighted MOUs	Line 13 + Line 14 *45%
16.	Premium TIC	Line 12g / Line 15
17.	Non-Premium TIC	Line 16 * 45%
		\$126,109 \$0 \$0 \$0 \$0 \$126,109 \$11,794 \$0 \$0 \$92,971 \$9,705 \$4,296 \$0 \$0 \$0 \$0 \$7,344 0.000072 0.000023 0.000000 \$2,362 \$4,982 \$0 \$0 0.000980 0.000315 0.000000 32,935,336 0 32,935,336 0.000000 0.000000

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access**  
**Nonrecurring Revenues**

ALLTEL MISSISSIPPI

Ln		(A) NRC Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Installation/Provisions			
1.	Telegraph 2W/4W	\$196.00	0	\$0
2.	Voice Grade 2W/4W	\$215.00	0	\$0
3.	Program Audio	\$190.00	0	\$0
4.	Digital Data	\$140.00	0	\$0
5.	High Capacity 1.544	\$303.00	6	\$1,818
6.	High Capacity 44.736	\$333.00	0	\$0
7.	ADSL Access Port	\$99.95	0	\$0
8.	ADSL Logical Link	\$19.95	0	\$0
9.	ADSL Network Access Link - DS1	\$499.95	0	\$0
9.	ADSL Network Access Link - DS3	\$700.00	0	\$0
	<u>Orders</u>			
10.	Special Access Orders	\$68.00	1	\$68
11.	Date Change / Design Change	\$18.00	0	\$0
12.	Total NRC Revenues			\$1,886

Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**Optional Feature and Function Revenues**

Ln	Feature	(A) Monthly OFF Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Bridging	\$5.80	0	\$0
2.	C-Conditioning	\$19.30	0	\$0
3.	Data Conditioning	\$19.30	0	\$0
4.	Improved Return Loss 2W/4W	\$18.50	0	\$0
5.	Signaling Capability	\$2.70	0	\$0
6.	Customer Specified Receive Level	\$12.70	24	\$305
7.	Digital Data Channel Service Unit 9.6 Kbps	\$24.20	0	\$0
8.	Selective Signaling Arrangement	\$18.50	0	\$0
9.	Multiplexing DS1 to Voice	\$149.70	0	\$0
10.	Multiplexing DS1 to DSO	\$149.70	0	\$0
11.	Improved Termination Option, per CT 2 Wire	\$10.98	0	\$0
12.	Improved Termination Option, per CT 4 Wire	\$10.98	0	\$0
13.	Program Audio Conditioning - zero loss	\$12.00	0	\$0
14.	Multiplexing DS3 to DS1	\$302.10	0	\$0
15.	ADSL Access Port 1	\$29.95	3,187	\$95,451
16.	ADSL Access Port 2	\$59.95	25	\$1,499
17.	ADSL Access Port 3	\$119.95	44	\$5,278
18.	ADSL Additional Logical Link	\$19.95	0	\$0
19.	ADSL Network Access Link - Per DS1	\$399.95	0	\$0
20.	ADSL Network Access Link - Per DS3	\$2,950.00	0	\$0
21.	ADSL Additional Logical Access Link Blocks	\$99.95	0	\$0
22.	Total Optional Special Access Revenues			\$102,532

Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access**  
**ICB Revenues**

ALLTEL MISSISSIPPI

Ln	Rate Element	Source	Test Period
1.	Channel Termination ICB Revenues	Volume 3	\$0
2.	Channel Mileage Facility ICB Revenues	Volume 3	\$0
3.	Channel Mileage Termination ICB Revenues	Volume 3	\$0
4.	Total ICB Revenues (Ln 6 * Ln 7)		\$0

**Special Access Revenue Requirement Adjustment**

5.	Single Bill Settlement , Receivable	Volume 3	\$0
6.	Single Bill Settlement , Payable	Volume 3	\$0
7.	Single Bill Settlement , Net Adjustment	Line 5+ Line 6	\$0

**Revenue Requirement**

	Source	
8.	Total Special Access Rev Req	Volume 2, Section 1 \$155,551
9.	(+)/(-) Single Bill Settlement Adjustment	Line 7 \$0
10.	Less: Nonrecurring Charge Revs	Page 8, Line 12 (\$1,886)
11.	Less: Optional Feature & Function Revs	Page 8, Line 21 (\$102,532)
12.	Less: ICB revenues	Line 4 \$-0
12a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 5 \$0
13.	Total Rate Making Rev Req	Sum (Lines 8 thru 12a) \$51,133

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access**

ALLTEL MISSISSIPPI

Ln	Channel Termination	(A) Index	(B) Test Period Demand	(C)=A*B Annualized Weighted Demand	(D) CT Rev Req	(E) CT Rate
1	Telegraph 2 Wire	1.1111	0	0		\$32.44
2	Telegraph 4 Wire	1.5278	0	0		\$44.60
3	Voice Grade 2 Wire	1.0000	0	0		\$29.19
4	Voice Grade 4 Wire	1.6000	63	101		\$46.71
5	Program Audio 3.5 khz	0.7361	0	0		\$21.49
6	Program Audio 5.0 khz	1.1111	0	0		\$32.44
7	Program Audio 8.0 khz	1.1111	0	0		\$32.44
8	Program Audio 15 khz	1.1111	0	0		\$32.44
9	Digital Data 2.4 Kbps	1.8056	0	0		\$52.71
10	Digital Data 4.8 Kbps	1.8056	0	0		\$52.71
11	Digital Data 9.6 Kbps	1.8056	0	0		\$52.71
12	Digital Data 19.2 Kbps	1.8056	0	0		\$52.71
13	Digital Data 56 Kbps	2.8333	144	408		\$82.71
14	Digital Data 64 Kbps	2.8333	0	0		\$82.71
15	High Capacity 1.54 Mbps	6.0319	81	489		\$176.09
16	High Capacity 44.746	106.2651	0	0		\$3,102.18
17	SOCS OC3	85.0000	0	0		\$2,481.40
18	SOCS OC12	95.0000	0	0		\$2,773.32
			<u>288</u>	<u>997</u>		

CMF  
Rate

Ln	Channel Mileage Facility	(A)	(B)	(C)=A*B	(D)	(E) CMF Rate
19	Telegraph	0.1308	0	0		\$3.82
20	Voice Grade	0.0556	887	49		\$1.62
21	Program Audio 3.5 khz	0.0250	0	0		\$0.73
22	Program Audio 5.0 khz	0.0278	0	0		\$0.81
23	Program Audio 8.0 khz	0.0278	0	0		\$0.81
24	Program Audio 15 khz	0.0278	0	0		\$0.81
25	Digital Data 2.4 Kbps	0.0528	0	0		\$1.54
26	Digital Data 4.8 Kbps	0.0528	0	0		\$1.54
27	Digital Data 9.6 Kbps	0.0528	0	0		\$1.54
28	Digital Data 19.2 Kbps	0.0528	0	0		\$1.54
29	Digital Data 56 Kbps	0.1111	1,094	122		\$3.24
30	Digital Data 64 Kbps	0.1111	0	0		\$3.24
31	High Capacity 1.544	1.0826	101	109		\$31.60
32	High Capacity 44.736	4.4000	0	0		\$128.45
33	SOCS OC3	7.0000	0	0		\$204.35
34	SOCS OC12	11.0000	0	0		\$321.12
			<u>2,081</u>	<u>280</u>		

CMT  
Rate

Ln	Channel Mileage Termination	(A)	(B)	(C)=A*B	(D)	(E) CMT Rate
35	Telegraph	0.1375	0	0		\$4.01
36	Voice Grade	0.7500	63	47		\$21.89
37	Program Audio 3.5 khz	0.5000	0	0		\$14.60
38	Program Audio 5.0 khz	0.6944	0	0		\$20.27
39	Program Audio 8.0 khz	0.6944	0	0		\$20.27
40	Program Audio 15 khz	0.6944	0	0		\$20.27
41	Digital Data 2.4 Kbps	0.5556	0	0		\$16.22
42	Digital Data 4.8 Kbps	0.5556	0	0		\$16.22
43	Digital Data 9.6 Kbps	0.5556	0	0		\$16.22
44	Digital Data 19.2 Kbps	0.5556	0	0		\$16.22
45	Digital Data 56 Kbps	1.1111	144	160		\$32.44
46	Digital Data 64 Kbps	1.1111	0	0		\$32.44
47	High Capacity 1.544	3.2967	81	267		\$96.24
48	High Capacity 44.736 Mbps	36.3640	0	0		\$1,061.57
49	SOCS OC3	65.0000	0	0		\$1,897.54
50	SOCS OC12	75.0000	0	0		\$2,189.47
			<u>288</u>	<u>474</u>		
				<u>1,752</u>	<u>\$51,133</u>	

Col (A) = Volume 3  
Col (B) = Volume 4, Section 4  
Col (C) = Col (A) \* Col (B) Col (C) Total  
Col (D) = Page 9, Line 13

**ALLTEL Telephone Services Corporation**  
**2002 Annual Tariff Filing, Revised June 28, 2002**

**Special Access**  
**Calculation of Recurring Special Access Revenues**

## ALLTEL MISSISSIPPI

Ln	Service	(A) CT Rate	(B) CT Revenue	(C) CMF Rate	(D) CMF Revenue*	(E) CMT Rate	(F) CMT Revenue*
1.	Telegraph 2 Wire	\$32.44	\$0				
2.	Telegraph 4 Wire	\$44.60	\$0	\$3.82	\$0	\$4.01	\$0
3.	Voice Grade 2 Wire	\$29.19	\$0				
4.	Voice Grade 4 Wire	\$46.71	\$2,943	\$1.62	\$1,438	\$21.89	\$1,379
5.	Program Audio 3.5 khz	\$21.49	\$0	\$0.73	\$0	\$14.60	\$0
6.	Program Audio 5.0 khz	\$32.44	\$0	\$0.81	\$0	\$20.27	\$0
7.	Program Audio 8.0 khz	\$32.44	\$0	\$0.81	\$0	\$20.27	\$0
8.	Program Audio 15 khz	\$32.44	\$0	\$0.81	\$0	\$20.27	\$0
9.	Digital Data 2.4 Kbps	\$52.71	\$0	\$1.54	\$0	\$16.22	\$0
10.	Digital Data 4.8 Kbps	\$52.71	\$0	\$1.54	\$0	\$16.22	\$0
11.	Digital Data 9.6 Kbps	\$52.71	\$0	\$1.54	\$0	\$16.22	\$0
12.	Digital Data 19.2 Kbps	\$52.71	\$0	\$1.54	\$0	\$16.22	\$0
13.	Digital Data 56 Kbps	\$82.71	\$11,911	\$3.24	\$3,548	\$32.44	\$4,671
14.	Digital Data 64 Kbps	\$82.71	\$0	\$3.24	\$0	\$32.44	\$0
15.	High Capacity 1.544	\$176.09	\$14,263	\$31.60	\$3,185	\$96.24	\$7,795
16.	High Capacity 44.736	\$3,102.18	\$0	\$128.45	\$0	\$1,061.57	\$0
16.	SOCS OC3	\$2,481.40	\$0	\$204.35	\$0	\$1,897.54	\$0
16.	SOCS OC12	\$2,773.32	\$0	\$321.12	\$0	\$2,189.47	\$0
			\$29,117		\$8,171		\$13,846

## Sources:

<p>Cols (A), (C) and (E) = Page 10, Col (E)  Col (B) = Col (A) * Page 10, Col (B)  Col (D) = Col (C) * Page 10, Col (B)  Col (F) = Col (E) * Page 10, Col (B)</p>
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**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access  
Crossover Analysis**

ALLTEL MISSISSIPPI

**Voice Grade to Hi Cap DS1**

Config	Element	(A)	(B)
		Voice Grade 4 Wire	Hi-Cap 1.544 Mbps
2	CT	\$93.42	\$352.18
10	CMF	\$16.22	\$316.05
2	CMT	\$43.79	\$192.48
Total Config		\$153.42	\$860.71

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DS1 to VG 4W Crossover (Total Col (B) / Total Col (A)) 5.61

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Sources:

Col (A) = Config Column * VG4W Rates from Page 11
Col (B) = Config Column * Hi Cap 1.544 Rates from Page 11

**Transport Benchmark**

Config	Element	(A)	(B)
		DS1	DS3
1	CT	\$176.09	\$3,102.18
10	CMF	\$316.05	\$1,284.49
2	CMT	\$192.48	\$2,123.14
1	MUX	n/a	\$302.10
Total Config		\$684.62	\$6,811.91

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DS3 to DS1 Crossover (Total Col (B) / Total Col (A)) 9.95

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Sources:

Col (A) = Config Column * DS1 Rates from Page 11
Col (B) = Config Column * DS3 Rates from Page 11

**Calculation of Host-Remote / TIC Adjustment  
(FCC 97-158, 1st Report & Order, Para 220)**

	Before Host Remote Adj	After Host Remote Adj
TST Revenues Remote to Host	\$8,544	
TSF Revenues Remote to Host	\$15,473	
Total Revenues Remote to Host	\$24,017	
TST Remote/Host MOU TERM's	10,967,467	
TSF Remote/Host MOU/Miles	60,442,929	
Total Host-Remote Investment	\$161,494	
Total Interstate TS SW Rev Req	\$475,780	
Total Interstate TS SW TPIS	\$2,559,932	
Total Interstate TS SW Factor	0.185856	
Total Host-Remote Rev Req	\$33,015	
Total Shortfall going to TIC		\$11,998
TST Shortfall going to TIC		\$4,268
TSF Shortfall going to TIC		\$7,730
TST Rate adj for H-R		0.000130
TSF Rate adj for H-R		0.000036
Total Transport Rev Req (Ln 6h)	\$126,109	
Less: Direct Trunk Revenues	\$11,794	
Less: Entrance Facility Revenues	\$0	
Less: Tandem Switching Revenues	\$0	
Less: NRC Revenues	\$9,705	
Less: 800 DBQ Revenues	\$4,296	
Requirement from Common Tspt	\$100,315	
Total Common TST MOU Terms	32,902,401	
Total Common TSF MOU/Miles	216,180,958	
Initial TST rate (Ln 17 workpapers)	\$0.000779	
Initial TSF rate (Ln 18 workpapers)	\$0.000256	
Initial TST Revenues	\$25,631	
Initial TSF Revenues	\$55,342	
Initial total TST/TSF revenues	\$80,973	
Maximum TST rev req		\$31,753
Maximum TSF rev req		\$68,561
Maximum TST rate adj		\$0.000186
Maximum TSF rate adj		\$0.000061
Adj needed to TST Rate		0.000130
Adj needed to TSF Rate		0.000036

**ALLTEL Telephone Services Corporation**  
**Transport Interconnection Charge (TIC) Revenue Allocation**  
**Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 14**

ALLTEL MISSISSIPPI	Source	Revenue Requirement	% of Total	TIC Amount Reallocated
1. Common Line	TRP Form COS1-P Line 100 Less USF Contribution	\$1,272,055	75.95%	\$0
2. Local Switching	Volume 5, Page 4, Ln 1d	\$108,530	6.48%	\$0
3. Information	Volume 5, Page 4, Ln 7	\$20,037	1.20%	\$0
4. Transport Less TIC Revenue	ACR-1 Projected (Column I)	\$118,765	7.09%	\$0
5. Special Access	Volume 5, Page 9, Ln 8	\$155,551	9.29%	\$0
Total		\$1,674,938		
6. TIC Revenue July 00 - June 01	CABS Billing	\$0		
7. Projected TIC Revenues	Revised June 28, 2002 Annual Tariff Filing, Vol 5, Pç	\$7,344		
8. TIC to be allocated	Minimum CABS Billed or Projected	\$0		

**ALLTEL Telephone Services Corporation  
 Transport Interconnection Charge (TIC) Elimination  
 Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 15**

ALLTEL MISSISSIPPI		Source	Revenue Requirement	% of Total	TIC Amount Reallocated
1.	Tandem Switching	Volume 5, Page 5, Line 18	\$0	0.00%	\$0
2.	Initial Tandem Switched Termination Revenue	Volume 5, Page 6, Lns 30 + 35	\$29,899	32.16%	\$2,362
3.	Initial Tandem Switched Facility Revenue	Volume 5, Page 6, Lns 31 + 36	\$63,072	67.84%	\$4,982
4.	Total		\$92,971		
5.	TIC to be allocated to Transport Elements	Volume 5, Page 7, line 12	\$7,344		
6.	TIC Rate Adjustment - Tandem Switching	Ln 1 / Volume 5, Page 5, Line 19	0.000000		
7.	TIC Rate Adjustment - TST	Ln 2 / Volume 5, Page 5, Line 11	0.000072		
8.	TIC Rate Adjustment - TSF	Ln 3 / Volume 5, Page 5, Line 9	0.000023		

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Rate Development Summary**

**ALLTEL CAROLINA-NC**

**End User**

End User - Multiline Business	\$6.71
End User - Single Line Business / Residential	\$6.00

**Carrier Common Line**

Premium Originating	N/A	NonPremium Originating	N/A
Premium Terminating	N/A	NonPremium Terminating	N/A

**Traffic Sensitive - Switched**

<b>Premium</b>		<b>NonPremium</b>	
Local Switching	0.003576	Local Switching	0.001609
Information Surcharge	0.000340	Information Surcharge	0.000153
TIC	0.000000	TIC	0.000000

**Tandem Switched**

Termination	0.000564
Facility	0.000186
Switching	0.003271

**Direct Trunked**

VG Termination	\$16.24
VG Facility	\$1.20
DS1 Termination	\$71.40
DS1 Facility	\$23.45
DS1 Multiplexing	\$149.70
DS3 Termination	\$787.52
DS3 Facility	\$95.29
DS3 Multiplexing	\$302.10

**Entrance Facility**

VG2W	\$21.66
VG4W	\$34.65
DS1	\$130.63
DS3	\$2,301.35

**Traffic Sensitive - Special**

Service	Channel		Channel Mileage
	Termination	Facility	Termination
Telegraph 2 Wire	\$24.06	\$2.83	\$2.98
Telegraph 4 Wire	\$33.09	\$2.83	\$2.98
Voice Grade 2 Wire	\$21.66	\$1.20	\$16.24
Voice Grade 4 Wire	\$34.65	\$1.20	\$16.24
Program Audio 3.5 khz	\$15.94	\$0.54	\$10.83
Program Audio 5.0 khz	\$24.06	\$0.60	\$15.04
Program Audio 8.0 khz	\$24.06	\$0.60	\$15.04
Program Audio 15 khz	\$24.06	\$0.60	\$15.04
Digital Data 2.4 Kbps	\$39.10	\$1.14	\$12.03
Digital Data 4.8 Kbps	\$39.10	\$1.14	\$12.03
Digital Data 9.6 Kbps	\$39.10	\$1.14	\$12.03
Digital Data 19.2 Kbps	\$39.10	\$1.14	\$12.03
Digital Data 56 Kbps	\$61.36	\$2.41	\$24.06
Digital Data 64 Kbps	\$61.36	\$2.41	\$24.06
High Capacity 1.544	\$130.63	\$23.45	\$71.40
High Capacity 44.736 Mbps	\$2,301.35	\$95.29	\$787.52

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

End User Rate Development

ALLTEL CAROLINA-NC

Ln	End User Rate Development	Source	Amount
1.	BFP Revenue Requirement	Volume 2, Section 2	\$18,900,972
1a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 1	\$19,895
2.	Special Access Surchargeable Channels	Volume 4	0
3.	Special Access Surcharge Revenues	(Ln 2 * \$25)	\$0
4.	Adjusted BFP Revenue Requirement	(Ln 1 + 1a + 3)	\$18,920,867
5.	Test Period Mean Access Lines	Volume 4	235,149
6.	Annual Cost Per Line	Ln 4 / Ln 5	\$80.46
7.	Capped EUCL Multi-Line Rate		\$9.20
8.	Monthly Cost Per Line	Ln 6 / 12	\$6.71
9.	Monthly EUCL Multi-Line Rate	Smaller of Ln 7 or Ln 8	\$6.71
10.	Monthly EUCL Single Line Rate	Smaller of \$3.50 or Ln 9	\$6.00

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
 Switched Access  
**Nonrecurring Revenues**

ALLTEL CAROLINA-NC

Ln	(A) Rate	(B) Test Period Demand	(C)=(A)*(B) Revenues	
1.	Switched Access Service Order, Miscellaneous Service Order and Interim NXX Translation	\$68.00	99	\$6,732
2.	Service Date Change, Design Change	\$18.00	0	\$0
3a.	Switched Access Trunk Conversion/Activation	\$112.00	0	\$0
3b.	Switched Access Installation Voice Grade 2 Wire	\$215.00	0	\$0
3c.	Switched Access Installation Voice Grade 4 Wire	\$215.00	0	\$0
3d.	Switched Access Installation High Capacity DS1	\$303.00	0	\$0
3e.	Switched Access Installation High Capacity DS3	\$333.00	0	\$0
4.	Presubscription	\$5.00	32,843	\$164,215
5.	Unauthorized PIC Change	\$30.00	0	\$0
6.	Total Non-Recurring Revenue Requirement			\$170,947

Sources:

- Col (A) - Volume 3
- Col (B) - Volume 4

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Local Switching Rate Development**

ALLTEL CAROLINA-NC

Ln	Source	Quantity
1.	Local Switching Revenue Requirement (Includes Equal Access Revenue Requirement )	Volume 2, Section 1 \$2,652,379
1a.	SS7 Revenue Requirement	Volume 2, Section 1 \$12,771
1b.	plus: analog revenue requirement	\$0
1c.	less: DEM Weighting to be recovered through USF	\$0
1d.	Sub Total	Ln 1 + 1a + 1b - 1c \$2,665,150
1e.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 2 \$3,012
1f.	Adjusted Local Switching Revenue Requirement	Ln 1d - 1e \$2,668,163
2.	Premium Minutes of Use	Volume 4 746,031,694
3.	Non-Premium Minutes of Use	Volume 4 0
4.	Weighted Minutes	Ln 2 + (Ln 3 * 45%) 746,031,694
5.	Premium Local Switching Rate	(Ln 1g / Ln 4) 0.003576
6.	Non-Premium Local Switching Rate	(Ln 5 * 45%) 0.001609

**Information Surcharge Rate Development**

	Source	Quantity
7.	Information Surcharge Revenue Requirement	Volume 2, Section 1 \$253,650
7a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 3 \$287
7b.	Adjusted Information Surcharge Revenue Requirement	Ln 7 + 7a \$253,937
8.	Premium Minutes	Volume 4 746,031,694
9.	Non-Premium Minutes	Volume 4 0
10.	Weighted Minutes	Ln 8 + (Ln 9 * 45%) 746,031,694
11.	Prem Information Surcharge Rate per Minute	(Ln 7b / Ln 10) 0.000340
12.	NPrem Information Surcharge Rate per Minute	(Ln 11 * 45%) 0.000153

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Miscellaneous Data**

ALLTEL CAROLINA-NC

Ln	Source	Quantity	
1.	Local Switching MOUs	Page 4, Lns 2 + 3	746,031,694
2.	Pct of Local Switch MOU is Common Tspt MOU	Volume 4, Section 4	53%
3.	Common Transport MOUs	Ln 1 * Ln 2	395,396,798
4.	Total Comm. Tspt Avg Length of Haul (ALOH)	Volume 4, Section 4	8.02
5.	Remote to Host Tspt ALOH	Volume 4, Section 4	5.51
6.	Avg # of Total Terms per Comm. Tspt MOU	Volume 4, Section 4	1.62
7.	Avg # of Terms per Circuit		n/a
8.	Avg # of Remote Terms per Comm. Tspt MOU	Volume 4, Section 4	1.09
9.	Total Comm. Tspt MOU Miles	Ln 3 * Ln 4	3,171,082,319
10.	Total Remote-Host MOU Miles	Ln 3 * Ln 5	2,178,636,356
11.	Total Comm. Tspt Terms	Ln 3 * Ln 6	640,542,812
12.	Total Remote-Host Terms	Ln 3 * Ln 8	430,982,510
13.	Tandem Switch MOU % of Comm. Tspt MOU	Volume 4, Section 4	61%
14.	Tandem Switching MOU	Ln 3 * Ln 13	241,192,047

**Tandem Switching Rate Development**

Ln	Source	Quantity	
15.	Tandem Switching Revenue Requirement	Volume 2, Section 1	\$739,134
16.	plus: Tandem Switched Port Card Revenue Requirement		\$0
17.	plus: Tandem Switched Multiplexer Revenue Requirement		\$0
18.	Adjusted Rate Making Revenue Requirement		\$739,134
19.	Total Tandem Switching MOUs	Line 14	241,192,047
20.	Initial Tandem Switching Rate	Line 18/ Line 19	0.003065

**Tandem Switched Transport Rate Calculation**

22.	DS1 Dedicated Transport Termination Rate (DTT)	Page 10, Line 47, Col (E)	\$71.40
23.	DS1 Dedicated Transport Facility Rate (DTF)	Page 10, Line 21, Col (E)	\$23.45
24.	DS1 MOU per Voice Grade Equivalent	MOU * 24 VG Equiv	167,208
25.	Tandem Switched Term (TST) Initial Rate	Line 22/Line 24	0.000427
26.	Tandem Switched Facility (TSF) Initial Rate	Line 23/Line 24	0.000140
27.	Tandem Switched Term Adj - Host Remote	Host-Remote Worksheet	0.000102
28.	Tandem Switched Facility Adj - Host Remote	Host-Remote Worksheet	0.000034
29.	TST Rate Before TIC Elimination Adjustment	Line 25 + 27	0.000529
30.	TSF Rate Before TIC Elimination Adjustment	Line 26 + 28	0.000174

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Direct Trunked Transport Revenues**

## ALLTEL CAROLINA-NC

Ln	Source	Quantity
1.	VG Dedicated Transport Termination Rate (DTT)	Page 10, Ln 36,Col(E) \$16.24
2.	VG Dedicated Transport Facility Rate (DTF)	Page 10, Ln 20,Col(E) \$1.20
3.	DS1 Dedicated Transport Termination Rate (DTT)	Page 5, Line 22 \$71.40
4.	DS1 Dedicated Transport Facility Rate (DTF)	Page 5, Line 23 \$23.45
5.	DS3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 48,Col(E) \$787.52
6.	DS3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 32,Col(E) \$95.29
6A.	OC3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 49,Col(E) \$1,386.03
6B.	OC3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 33,Col(E) \$129.94
6C.	OC12 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 50,Col(E) \$1,602.60
6D.	OC12 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 34,Col(E) \$216.57
7.	Direct Trunked VG Terminations	Forecast Demand 0
8.	Direct Trunked VG Miles	Vol 4, Sec 4 ALOH * Line 7 0
9.	Direct Trunked DS1 Terminations	Forecast Demand 2,206
10.	Direct Trunked DS1 Miles	Vol 4, Sec 4 ALOH * Line 9 13,104
11.	Direct Trunked DS3 Terminations	Forecast Demand 0
12.	Direct Trunked DS3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12A.	Direct Trunked OC3 Terminations	Forecast Demand 0
12B.	Direct Trunked OC3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12C.	Direct Trunked OC12 Terminations	Forecast Demand 0
12D.	Direct Trunked OC12 Miles	Vol 4, Sec 4 ALOH * Line 11 0
13.	Direct Trunked Termination Revenues	\$157,499
14.	Direct Trunked Facility Revenues	\$307,235
15.	DS1 to Voice Mux	Volume 4, Section 3 0
16.	DS3 to DS1 Mux	Volume 4, Section 3 0
17.	Multiplexing Revenue	(Ln 16 * Pg 9,Ln19)+(Ln 17*Pg 9,Ln 24) \$0
18.	Total Direct Trunked Transport Revenues	(Ln 13+Ln14+Ln 17) <u>\$464,734</u>

**Entrance Facility Revenues**

19.	VG2W Entrance Facility Rate	Page 10, Ln 3,Col(E) \$21.66
20.	VG4W Entrance Facility Rate	Page 10, Ln 4,Col(E) \$34.65
21.	DS1 Entrance Facility Rate	Page 10, Ln 15,Col(E) \$130.63
22.	DS3 Entrance Facility Rate	Page 10, Ln 16,Col(E) \$2,301.35
22A.	OC3 Entrance Facility Rate	Page 10, Ln 17,Col(E) \$1,819.17
22B.	OC12 Entrance Facility Rate	Page 10, Ln 18,Col(E) \$2,035.73
23.	VG 2W Entrance Facilities	Forecast Demand 0
24.	VG 4W Entrance Facilities	Forecast Demand 0
25.	DS1 Entrance Facilities	Forecast Demand 317
26.	DS3 Entrance Facilities	Forecast Demand 0
26A.	OC3 Entrance Facilities	Forecast Demand 0
26B.	OC12 Entrance Facilities	Forecast Demand 0
27.	Total Entrance Facility Revenues	(Ln20*Ln24+Ln21*Ln25+Ln 22*Ln26+Ln19*Ln23+Ln 22A*Ln26A+Ln22B*Ln26B) <u>\$41,410</u>

**Tandem Switched Transport Revenues**

28.	Term MOUs - Remote to Host	Page 5, Ln 12 430,982,510
29.	MOU Miles - Remote to Host	Page 5,Ln 10 2,178,636,356
30.	TST Revenues Remote to Host	Ln 28 * Pg5, Ln 29 \$227,878
31.	TSF Revenues Remote to Host	Ln 29 * Page 5, Ln 30 \$379,217
32.	Total Revenues Remote to Host	Line 31+Line 32 <u>\$607,095</u>
33.	Term MOUs - End Office/Host	Page 5, Ln11-Page 5, Ln12 209,560,303
34.	MOU Miles - End Office/Host	Page 5, Ln9-Page 5, Ln10 992,445,963
35.	TST Revenues from End Office/Host	Ln33 * Page 5, Ln 29 \$110,803
36.	TSF Revenues from End Office/Host	Ln34 * Page 5, Ln 30 \$172,747
37.	Total Revenues from End Office/Host	Line 35+Line 36 <u>\$283,550</u>
38.	Total Tandem Switched Transport Revenues	Line 32+Line 37 <u>\$890,645</u>

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access

**800 Data Base Query Revenues**

ALLTEL CAROLINA-NC

Ln	Source	Quantity
1.	Basic Query Charge per Query	SCP Tariff Rate
2.	Total Basic Queries	Volume 4 Section 5
3.	Enhanced Query Charge per Query	SCP Tariff Rate
4.	Total Enhanced Queries	Volume 4 Section 5
5.	Total 800 Data Base Revenues	Ln 1 * Ln 2 + Ln 3 * Ln 4
		<u>\$85,151</u>

**Transport Interconnection Charge (TIC) Calculation**

Ln	Source	Quantity
6a.	Transport Revenue Requirement	Volume 2, Section 1
	Revenue Requirement Adjustment	
6b.	Single Bill Settlement, Receivable	Volume 3, Page 10
6c.	Single Bill Settlement, Payable	Volume 3, Page 10
6d.	Net Settlement	Volume 3, Page 10
6e.	Analog Revenue Requirement	
6f.	Rate Making Revenue Requirement	L6a+L6d-6e
7.	Total Direct Trunked Revenues	Page 6, Line 18
8.	Total Entrance Facility Revenues	Page 6, Line 27
8a.	Initial Tandem Switching Revenues	Page 5, Line 18
9.	Initial Tandem Switched Transport Revenues	Page 6, Line 39
10.	Total NRC Revenues	Page 3, Line 6
11.	800 Data Base Query Revenues	Line 5
11a.	Less: TIC Allocation to Common Line	Page 2, Line 1b
11b.	Less: TIC Allocation to Local Switching	Page 4, Line 1f
11c.	Less: TIC Allocation to Information Surcharge	Page 4, Line 7a
11d.	Less: TIC Allocation to Special Access	Page 9, Line 12a
12.	TIC to be allocated to Transport Elements	Ln 6f-(Sum Lns 7 thru 11d)
12a.	TIC Rate Adjustment to TST	TIC Elimination Worksheet
12b.	TIC Rate Adjustment to TSF	TIC Elimination Worksheet
12c.	TIC Rate Adjustment to Tandem Switching	TIC Elimination Worksheet
12d.	Additional TST Revenue	Ln 12a * Page 5, Ln 11
12e.	Additional TSF Revenue	Ln 12b * Page 5, Ln 9
12f.	Additional Tandem Switching Revenue	Ln 12c * Page 5, Ln 19
12g.	TIC after TST,TSF, Tandem Switching Adjustments	Ln 12 - 12d - 12e - 12f
12h.	Final TST Rate	Ln 12a + Page 5, Ln 29
12i.	Final TSF Rate	Ln 12b + Page 5, Ln 30
12j.	Final Tandem Switching Rate	Ln 12c + Page 5, Ln 20
13.	Total Premium Local Switching MOUs	Page 4, Line 2
14.	Total Non-Premium Local Switching MOUs	Page 4, Line 3
15.	Total Weighted MOUs	Line 13 + Line 14 *45%
16.	Premium TIC	Line 12g / Line 15
17.	Non-Premium TIC	Line 16 * 45%
		<u>\$2,536,270</u>
		\$464,734
		\$41,410
		\$739,134
		\$890,645
		\$170,947
		\$85,151
		\$19,895
		\$3,012
		\$287
		\$11,244
		\$109,810
		0.000036
		0.000012
		0.000206
		\$22,819
		\$37,190
		\$49,801
		\$0
		0.000564
		0.000186
		0.003271
		746,031,694
		0
		<u>746,031,694</u>
		0.000000
		0.000000

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access**  
**Nonrecurring Revenues**

ALLTEL CAROLINA-NC

Ln		(A) NRC Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Installation/Provisions			
1.	Telegraph 2W/4W	\$196.00	0	\$0
2.	Voice Grade 2W/4W	\$215.00	0	\$0
3.	Program Audio	\$190.00	0	\$0
4.	Digital Data	\$140.00	15	\$2,100
5.	High Capacity 1.544	\$303.00	579	\$175,437
6.	High Capacity 44.736	\$333.00	6	\$1,998
7.	ADSL Access Port	\$99.95	0	\$0
8.	ADSL Logical Link	\$19.95	0	\$0
9.	ADSL Network Access Link - DS1	\$499.95	0	\$0
9.	ADSL Network Access Link - DS3	\$700.00	0	\$0
	<u>Orders</u>			
10.	Special Access Orders	\$68.00	561	\$38,148
11.	Date Change / Design Change	\$18.00	0	\$0
12.	Total NRC Revenues			<u>\$217,683</u>

Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**Optional Feature and Function Revenues**

Ln	Feature	(A) Monthly OFF Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Bridging	\$5.80	36	\$209
2.	C-Conditioning	\$19.30	72	\$1,390
3.	Data Conditioning	\$19.30	96	\$1,853
4.	Improved Return Loss 2W/4W	\$18.50	0	\$0
5.	Signaling Capability	\$2.70	156	\$421
6.	Customer Specified Receive Level	\$12.70	168	\$2,134
7.	Digital Data Channel Service Unit 9.6 Kbps	\$24.20	0	\$0
8.	Selective Signaling Arrangement	\$18.50	0	\$0
9.	Multiplexing DS1 to Voice	\$149.70	144	\$21,557
10.	Multiplexing DS1 to DSO	\$149.70	12	\$1,796
11.	Improved Termination Option, per CT 2 Wire	\$10.98	0	\$0
12.	Improved Termination Option, per CT 4 Wire	\$10.98	0	\$0
13.	Program Audio Conditioning - zero loss	\$12.00	0	\$0
14.	Multiplexing DS3 to DS1	\$302.10	0	\$0
15.	ADSL Access Port 1	\$29.95	65,200	\$1,952,740
16.	ADSL Access Port 2	\$59.95	2,166	\$129,852
17.	ADSL Access Port 3	\$119.95	3,743	\$448,973
18.	ADSL Additional Logical Link	\$19.95	0	\$0
19.	ADSL Network Access Link - Per DS1	\$399.95	97	\$38,795
20.	ADSL Network Access Link - Per DS3	\$2,950.00	0	\$0
21.	ADSL Additional Logical Access Link Blocks	\$99.95	0	\$0
22.	Total Optional Special Access Revenues			<u>\$2,599,719</u>

Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access  
ICB Revenues**

ALLTEL CAROLINA-NC

Ln	Rate Element	Source	Test Period
1.	Channel Termination ICB Revenues	Volume 3	\$167,760
2.	Channel Mileage Facility ICB Revenues	Volume 3	\$0
3.	Channel Mileage Termination ICB Revenues	Volume 3	\$0
4.	Total ICB Revenues (Ln 6 * Ln 7)		\$167,760

**Special Access Revenue Requirement Adjustment**

5.	Single Bill Settlement , Receivable	Volume 3	\$0
6.	Single Bill Settlement , Payable	Volume 3	\$0
7.	Single Bill Settlement , Net Adjustment	Line 5+ Line 6	\$0

**Revenue Requirement**

	Source	
8.	Total Special Access Rev Req	Volume 2, Section 1
		\$9,947,912
9.	(+)/(-) Single Bill Settlement Adjustment	Line 7
		\$0
10.	Less: Nonrecurring Charge Revs	Page 8, Line 12
		(\$217,683)
11.	Less: Optional Feature & Function Revs	Page 8, Line 21
		(\$2,599,719)
12.	Less: ICB revenues	Line 4
		(\$167,760)
12a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 5
		\$11,244
13.	Total Rate Making Rev Req	Sum (Lines 8 thru 12a)
		\$6,973,994

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access**

ALLTEL CAROLINA-NC

Ln	Channel Termination	(A) Index	(B) Test Period Demand	(C)=A*B Annualized Weighted Demand	(D) CT Rev Req	(E) CT Rate
1	Telegraph 2 Wire	1.1111	0	0		\$24.06
2	Telegraph 4 Wire	1.5278	0	0		\$33.09
3	Voice Grade 2 Wire	1.0000	1,203	1,203		\$21.66
4	Voice Grade 4 Wire	1.6000	1,455	2,328		\$34.65
5	Program Audio 3.5 khz	0.7361	0	0		\$15.94
6	Program Audio 5.0 khz	1.1111	0	0		\$24.06
7	Program Audio 8.0 khz	1.1111	48	53		\$24.06
8	Program Audio 15 khz	1.1111	0	0		\$24.06
9	Digital Data 2.4 Kbps	1.8056	0	0		\$39.10
10	Digital Data 4.8 Kbps	1.8056	36	65		\$39.10
11	Digital Data 9.6 Kbps	1.8056	180	325		\$39.10
12	Digital Data 19.2 Kbps	1.8056	0	0		\$39.10
13	Digital Data 56 Kbps	2.8333	6,930	19,635		\$61.36
14	Digital Data 64 Kbps	2.8333	588	1,666		\$61.36
15	High Capacity 1.54 Mbps	6.0319	16,533	99,726		\$130.63
16	High Capacity 44.746	106.2651	171	18,171		\$2,301.35
17	SOCS OC3	84.0000	0	0		\$1,819.17
18	SOCS OC12	94.0000	0	0		\$2,035.73
			<u>27,144</u>	<u>143,172</u>		

CMF  
Rate

Ln	Channel Mileage Facility	(A)	(B)	(C)=A*B	(D)	(E)
19	Telegraph	0.1308	0	0		\$2.83
20	Voice Grade	0.0556	14,092	783		\$1.20
21	Program Audio 3.5 khz	0.0250	0	0		\$0.54
22	Program Audio 5.0 khz	0.0278	0	0		\$0.60
23	Program Audio 8.0 khz	0.0278	635	18		\$0.60
24	Program Audio 15 khz	0.0278	0	0		\$0.60
25	Digital Data 2.4 Kbps	0.0528	0	0		\$1.14
26	Digital Data 4.8 Kbps	0.0528	374	20		\$1.14
27	Digital Data 9.6 Kbps	0.0528	1,872	99		\$1.14
28	Digital Data 19.2 Kbps	0.0528	0	0		\$1.14
29	Digital Data 56 Kbps	0.1111	51,505	5,723		\$2.41
30	Digital Data 64 Kbps	0.1111	4,370	486		\$2.41
31	High Capacity 1.544	1.0826	98,208	106,322		\$23.45
32	High Capacity 44.736	4.4000	553	2,434		\$95.29
33	SOCS OC3	6.0000	0	0		\$129.94
34	SOCS OC12	10.0000	0	0		\$216.57
			<u>171,611</u>	<u>115,884</u>		

CMT  
Rate

Ln	Channel Mileage Termination	(A)	(B)	(C)=A*B	(D)	(E)
35	Telegraph	0.1375	0	0		\$2.98
36	Voice Grade	0.7500	1,272	954		\$16.24
37	Program Audio 3.5 khz	0.5000	0	0		\$10.83
38	Program Audio 5.0 khz	0.6944	0	0		\$15.04
39	Program Audio 8.0 khz	0.6944	48	33		\$15.04
40	Program Audio 15 khz	0.6944	0	0		\$15.04
41	Digital Data 2.4 Kbps	0.5556	0	0		\$12.03
42	Digital Data 4.8 Kbps	0.5556	36	20		\$12.03
43	Digital Data 9.6 Kbps	0.5556	180	100		\$12.03
44	Digital Data 19.2 Kbps	0.5556	0	0		\$12.03
45	Digital Data 56 Kbps	1.1111	5,595	6,216		\$24.06
46	Digital Data 64 Kbps	1.1111	475	527		\$24.06
47	High Capacity 1.544	3.2967	14,922	49,195		\$71.40
48	High Capacity 44.736 Mbps	36.3640	163	5,922		\$787.52
49	SOCS OC3	64.0000	0	0		\$1,386.03
50	SOCS OC12	74.0000	0	0		\$1,602.60
			<u>22,691</u>	<u>62,968</u>		
			<u>322,024</u>	<u>\$6,973,994</u>		

Col (A) = Volume 3  
Col (B) = Volume 4, Section 4  
Col (C) = Col (A) \* Col (B) Col (C) Total  
Col (D) = Page 9, Line 13

**ALLTEL Telephone Services Corporation**  
**2002 Annual Tariff Filing, Revised June 28, 2002**

**Special Access**  
**Calculation of Recurring Special Access Revenues**

## ALLTEL CAROLINA-NC

Ln	Service	(A) CT Rate	(B) CT Revenue	(C) CMF Rate	(D) CMF Revenue*	(E) CMT Rate	(F) CMT Revenue*
1.	Telegraph 2 Wire	\$24.06	\$0				
2.	Telegraph 4 Wire	\$33.09	\$0	\$2.83	\$0	\$2.98	\$0
3.	Voice Grade 2 Wire	\$21.66	\$26,053				
4.	Voice Grade 4 Wire	\$34.65	\$50,417	\$1.20	\$16,955	\$16.24	\$20,661
5.	Program Audio 3.5 khz	\$15.94	\$0	\$0.54	\$0	\$10.83	\$0
6.	Program Audio 5.0 khz	\$24.06	\$0	\$0.60	\$0	\$15.04	\$0
7.	Program Audio 8.0 khz	\$24.06	\$1,155	\$0.60	\$382	\$15.04	\$722
8.	Program Audio 15 khz	\$24.06	\$0	\$0.60	\$0	\$15.04	\$0
9.	Digital Data 2.4 Kbps	\$39.10	\$0	\$1.14	\$0	\$12.03	\$0
10.	Digital Data 4.8 Kbps	\$39.10	\$1,408	\$1.14	\$428	\$12.03	\$433
11.	Digital Data 9.6 Kbps	\$39.10	\$7,038	\$1.14	\$2,140	\$12.03	\$2,166
12.	Digital Data 19.2 Kbps	\$39.10	\$0	\$1.14	\$0	\$12.03	\$0
13.	Digital Data 56 Kbps	\$61.36	\$425,230	\$2.41	\$123,937	\$24.06	\$134,624
14.	Digital Data 64 Kbps	\$61.36	\$36,080	\$2.41	\$10,516	\$24.06	\$11,423
15.	High Capacity 1.544	\$130.63	\$2,159,732	\$23.45	\$2,302,593	\$71.40	\$1,065,399
16.	High Capacity 44.736	\$2,301.35	\$393,532	\$95.29	\$52,717	\$787.52	\$128,254
16.	SOCS OC3	\$1,819.17	\$0	\$129.94	\$0	\$1,386.03	\$0
16.	SOCS OC12	\$2,035.73	\$0	\$216.57	\$0	\$1,602.60	\$0
			\$3,100,645		\$2,509,668		\$1,363,681

## Sources:

Cols (A), (C) and (E) = Page 10, Col (E) Col (B) = Col (A) * Page 10, Col (B) Col (D) = Col (C) * Page 10, Col (B) Col (F) = Col (E) * Page 10, Col (B)
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**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access  
Crossover Analysis**

ALLTEL CAROLINA-NC

**Voice Grade to Hi Cap DS1**

Config	Element	(A)	(B)
		Voice Grade 4 Wire	Hi-Cap 1.544 Mbps
2	CT	\$69.30	\$261.26
10	CMF	\$12.03	\$234.46
2	CMT	\$32.49	\$142.79
Total Config		\$113.82	\$638.52

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DS1 to VG 4W Crossover (Total Col (B) / Total Col (A)) 5.61

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Sources:

Col (A) = Config Column * VG4W Rates from Page 11
Col (B) = Config Column * Hi Cap 1.544 Rates from Page 11

**Transport Benchmark**

Config	Element	(A)	(B)
		DS1	DS3
1	CT	\$130.63	\$2,301.35
10	CMF	\$234.46	\$952.90
2	CMT	\$142.79	\$1,575.05
1	MUX	n/a	\$302.10
Total Config		\$507.88	\$5,131.40

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DS3 to DS1 Crossover (Total Col (B) / Total Col (A)) 10.10

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Sources:

Col (A) = Config Column * DS1 Rates from Page 11
Col (B) = Config Column * DS3 Rates from Page 11

**Calculation of Host-Remote / TIC Adjustment  
(FCC 97-158, 1st Report & Order, Para 220)**

	Before Host Remote Adj	After Host Remote Adj
TST Revenues Remote to Host	\$184,030	
TSF Revenues Remote to Host	\$305,009	
Total Revenues Remote to Host	\$489,039	
TST Remote/Host MOU TERM's	430,982,510	
TSF Remote/Host MOU/Miles	2,178,636,356	
Total Host-Remote Investment	\$2,265,370	
Total Interstate TS SW Rev Req	\$5,455,071	
Total Interstate TS SW TPIS	\$25,626,783	
Total Interstate TS SW Factor	0.212866	
Total Host-Remote Rev Req	\$572,220	
Total Shortfall going to TIC		\$173,182
TST Shortfall going to TIC		\$65,170
TSF Shortfall going to TIC		\$108,012
TST Rate adj for H-R		0.000102
TSF Rate adj for H-R		0.000034
Total Transport Rev Req (Ln 6h)	\$2,536,270	
Less: Direct Trunk Revenues	\$464,734	
Less: Entrance Facility Revenues	\$41,410	
Less: Tandem Switching Revenues	\$739,134	
Less: NRC Revenues	\$170,947	
Less: 800 DBQ Revenues	\$85,151	
Requirement from Common Tspt	\$1,034,894	
Total Common TST MOU Terms	640,542,812	
Total Common TSF MOU/Miles	3,171,082,319	
Initial TST rate (Ln 17 workpapers)	\$0.000427	
Initial TSF rate (Ln 18 workpapers)	\$0.000140	
Initial TST Revenues	\$273,512	
Initial TSF Revenues	\$443,952	
Initial total TST/TSF revenues	\$717,463	
Maximum TST rev req		\$394,523
Maximum TSF rev req		\$640,371
Maximum TST rate adj		\$0.000189
Maximum TSF rate adj		\$0.000062
Adj needed to TST Rate		0.000102
Adj needed to TSF Rate		0.000034

**ALLTEL Telephone Services Corporation**  
**Transport Interconnection Charge (TIC) Revenue Allocation**  
**Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 14**

ALLTEL CAROLINA-NC	Source	Revenue Requirement	% of Total	TIC Amount Reallocated
1. Common Line	TRP Form COS1-P Line 100 Less USF Contribution	\$17,601,880	53.57%	\$19,895
2. Local Switching	Volume 5, Page 4, Ln 1d	\$2,665,150	8.11%	\$3,012
3. Information	Volume 5, Page 4, Ln 7	\$253,650	0.77%	\$287
4. Transport Less TIC Revenue	ACR-1 Projected (Column I)	\$2,390,996	7.28%	\$2,703
5. Special Access Total	Volume 5, Page 9, Ln 8	\$9,947,912	30.27%	\$11,244
6. TIC Revenue July 00 - June 01	CABS Billing	\$37,141		
7. Projected TIC Revenues	Revised June 28, 2002 Annual Tariff Filing, Vol 5, Pg	\$145,274		
8. TIC to be allocated	Minimum CABS Billed or Projected	\$37,141		

**ALLTEL Telephone Services Corporation  
 Transport Interconnection Charge (TIC) Elimination  
 Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 15**

		Revenue Requirement	% of Total	TIC Amount Reallocated
ALLTEL CAROLINA-NC	Source			
1. Tandem Switching	Volume 5, Page 5, Line 18	\$739,134	45.35%	\$49,801
2. Initial Tandem Switched Termination Revenue	Volume 5, Page 6, Lns 30 + 35	\$338,682	20.78%	\$22,819
3. Initial Tandem Switched Facility Revenue	Volume 5, Page 6, Lns 31 + 36	\$551,963	33.87%	\$37,190
4. Total		\$1,629,779		
5. TIC to be allocated to Transport Elements	Volume 5, Page 7, line 12	\$109,810		
6. TIC Rate Adjustment - Tandem Switching	Ln 1 / Volume 5, Page 5, Line 19	0.000206		
7. TIC Rate Adjustment - TST	Ln 2 / Volume 5, Page 5, Line 11	0.000036		
8. TIC Rate Adjustment - TSF	Ln 3 / Volume 5, Page 5, Line 9	0.000012		

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Rate Development Summary**

**ALLTEL NEW YORK**

**End User**

End User - Multiline Business	\$5.52
End User - Single Line Business / Residential	\$5.52

**Carrier Common Line**

Premium Originating	N/A	NonPremium Originating	N/A
Premium Terminating	N/A	NonPremium Terminating	N/A

**Traffic Sensitive - Switched**

<b>Premium</b>		<b>NonPremium</b>	
Local Switching	0.003793	Local Switching	0.001707
Information Surcharge	0.000336	Information Surcharge	0.000151
TIC	0.000000	TIC	0.000000

**Tandem Switched**

Termination	0.000471
Facility	0.000230
Switching	0.000000

**Direct Trunked**

VG Termination	\$24.49
VG Facility	\$2.85
DS1 Termination	\$46.27
DS1 Facility	\$20.91
DS1 Multiplexing	\$149.70
DS3 Termination	\$1,045.87
DS3 Facility	\$97.83
DS3 Multiplexing	\$302.10

**Entrance Facility**

VG2W	\$22.38
VG4W	\$35.80
DS1	\$209.28
DS3	\$2,218.78

**Traffic Sensitive - Special**

Service	Channel		Channel Mileage
	Termination	Facility	Termination
Telegraph 2 Wire	\$20.83	\$1.55	\$8.38
Telegraph 4 Wire	\$33.60	\$1.55	\$8.38
Voice Grade 2 Wire	\$22.38	\$2.85	\$24.49
Voice Grade 4 Wire	\$35.80	\$2.85	\$24.49
Program Audio 3.5 khz	\$25.33	\$15.05	\$0.00
Program Audio 5.0 khz	\$30.91	\$15.05	\$0.00
Program Audio 8.0 khz	\$30.91	\$15.05	\$0.00
Program Audio 15 khz	\$30.91	\$15.05	\$0.00
Digital Data 2.4 Kbps	\$53.99	\$13.60	\$0.00
Digital Data 4.8 Kbps	\$53.99	\$13.60	\$0.00
Digital Data 9.6 Kbps	\$53.99	\$13.60	\$0.00
Digital Data 19.2 Kbps	\$53.99	\$13.60	\$0.00
Digital Data 56 Kbps	\$55.17	\$13.60	\$0.00
Digital Data 64 Kbps	\$55.17	\$13.60	\$0.00
High Capacity 1.544	\$209.28	\$20.91	\$46.27
High Capacity 44.736 Mbps	\$2,218.78	\$97.83	\$1,045.87

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

End User Rate Development

ALLTEL NEW YORK

Ln	End User Rate Development	Source	Amount
1.	BFP Revenue Requirement	Volume 2, Section 2	\$6,765,223
1a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 1	\$20,215
2.	Special Access Surchargeable Channels	Volume 4	72
3.	Special Access Surcharge Revenues	(Ln 2 * \$25)	\$1,800
4.	Adjusted BFP Revenue Requirement	(Ln 1 + 1a + 3)	\$6,783,638
5.	Test Period Mean Access Lines	Volume 4	102,495
6.	Annual Cost Per Line	Ln 4 / Ln 5	\$66.19
7.	Capped EUCL Multi-Line Rate		\$9.20
8.	Monthly Cost Per Line	Ln 6 / 12	\$5.52
9.	Monthly EUCL Multi-Line Rate	Smaller of Ln 7 or Ln 8	\$5.52
10.	Monthly EUCL Single Line Rate	Smaller of \$3.50 or Ln 9	\$5.52

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
 Switched Access  
**Nonrecurring Revenues**

ALLTEL NEW YORK

Ln	(A) Rate	(B) Test Period Demand	(C)=(A)*(B) Revenues	
1.	Switched Access Service Order, Miscellaneous Service Order and Interim NXX Translation	\$68.00	19	\$1,292
2.	Service Date Change, Design Change	\$18.00	0	\$0
3a.	Switched Access Trunk Conversion/Activation	\$112.00	0	\$0
3b.	Switched Access Installation Voice Grade 2 Wire	\$215.00	0	\$0
3c.	Switched Access Installation Voice Grade 4 Wire	\$215.00	0	\$0
3d.	Switched Access Installation High Capacity DS1	\$303.00	0	\$0
3e.	Switched Access Installation High Capacity DS3	\$333.00	0	\$0
4.	Presubscription	\$5.00	16,560	\$82,800
5.	Unauthorized PIC Change	\$30.00	0	\$0
6.	Total Non-Recurring Revenue Requirement			\$84,092

Sources:

Col (A) - Volume 3

Col (B) - Volume 4

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Local Switching Rate Development**

ALLTEL NEW YORK

Ln	Source	Quantity
1.	Local Switching Revenue Requirement (Includes Equal Access Revenue Requirement )	Volume 2, Section 1 \$1,582,065
1a.	SS7 Revenue Requirement	Volume 2, Section 1 \$5,406
1b.	plus: analog revenue requirement	\$0
1c.	less: DEM Weighting to be recovered through USF	(\$642,119)
1d.	Sub Total	Ln 1 + 1a + 1b - 1c \$945,352
1e.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 2 \$3,090
1f.	Adjusted Local Switching Revenue Requirement	Ln 1d - 1e \$948,442
2.	Premium Minutes of Use	Volume 4 250,040,743
3.	Non-Premium Minutes of Use	Volume 4 0
4.	Weighted Minutes	Ln 2 + (Ln 3 * 45%) 250,040,743
5.	Premium Local Switching Rate	(Ln 1g / Ln 4) 0.003793
6.	Non-Premium Local Switching Rate	(Ln 5 * 45%) 0.001707

**Information Surcharge Rate Development**

	Source	Quantity
7.	Information Surcharge Revenue Requirement	Volume 2, Section 1 \$83,692
7a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 3 \$274
7b.	Adjusted Information Surcharge Revenue Requirement	Ln 7 + 7a \$83,965
8.	Premium Minutes	Volume 4 250,040,743
9.	Non-Premium Minutes	Volume 4 0
10.	Weighted Minutes	Ln 8 + (Ln 9 * 45%) 250,040,743
11.	Prem Information Surcharge Rate per Minute	(Ln 7b / Ln 10) 0.000336
12.	NPrem Information Surcharge Rate per Minute	(Ln 11 * 45%) 0.000151

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Miscellaneous Data**

ALLTEL NEW YORK

Ln	Source	Quantity	
1.	Local Switching MOUs	Page 4, Lns 2 + 3	250,040,743
2.	Pct of Local Switch MOU is Common Tspt MOU	Volume 4, Section 4	56%
3.	Common Transport MOUs	Ln 1 * Ln 2	140,022,816
4.	Total Comm. Tspt Avg Length of Haul (ALOH)	Volume 4, Section 4	8.44
5.	Remote to Host Tspt ALOH	Volume 4, Section 4	5.37
6.	Avg # of Total Terms per Comm. Tspt MOU	Volume 4, Section 4	2.01
7.	Avg # of Terms per Circuit		n/a
8.	Avg # of Remote Terms per Comm. Tspt MOU	Volume 4, Section 4	0.96
9.	Total Comm. Tspt MOU Miles	Ln 3 * Ln 4	1,181,792,568
10.	Total Remote-Host MOU Miles	Ln 3 * Ln 5	751,922,522
11.	Total Comm. Tspt Terms	Ln 3 * Ln 6	281,445,860
12.	Total Remote-Host Terms	Ln 3 * Ln 8	134,421,903
13.	Tandem Switch MOU % of Comm. Tspt MOU	Volume 4, Section 4	65%
14.	Tandem Switching MOU	Ln 3 * Ln 13	91,014,830

**Tandem Switching Rate Development**

Ln	Source	Quantity	
15.	Tandem Switching Revenue Requirement	Volume 2, Section 1	\$0
16.	plus: Tandem Switched Port Card Revenue Requirement		\$0
17.	plus: Tandem Switched Multiplexer Revenue Requirement		\$0
18.	Adjusted Rate Making Revenue Requirement		\$0
19.	Total Tandem Switching MOUs	Line 14	91,014,830
20.	Initial Tandem Switching Rate	Line 18/ Line 19	0

**Tandem Switched Transport Rate Calculation**

22.	DS1 Dedicated Transport Termination Rate (DTT)	Page 10, Line 47, Col (E)	\$46.27
23.	DS1 Dedicated Transport Facility Rate (DTF)	Page 10, Line 21, Col (E)	\$20.91
24.	DS1 MOU per Voice Grade Equivalent	MOU * 24 VG Equiv	131,424
25.	Tandem Switched Term (TST) Initial Rate	Line 22/Line 24	0.000352
26.	Tandem Switched Facility (TSF) Initial Rate	Line 23/Line 24	0.000159
27.	Tandem Switched Term Adj - Host Remote	Host-Remote Worksheet	0.000118
28.	Tandem Switched Facility Adj - Host Remote	Host-Remote Worksheet	0.000071
29.	TST Rate Before TIC Elimination Adjustment	Line 25 + 27	0.000470
30.	TSF Rate Before TIC Elimination Adjustment	Line 26 + 28	0.000230

**ALLTEL Telephone Services Corporation**  
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Traffic Sensitive Rate Development  
Switched Access  
**Direct Trunked Transport Revenues**

## ALLTEL NEW YORK

Ln	Source	Quantity
1.	VG Dedicated Transport Termination Rate (DTT)	Page 10, Ln 36,Col(E) \$24.49
2.	VG Dedicated Transport Facility Rate (DTF)	Page 10, Ln 20,Col(E) \$2.85
3.	DS1 Dedicated Transport Termination Rate (DTT)	Page 5, Line 22 \$46.27
4.	DS1 Dedicated Transport Facility Rate (DTF)	Page 5, Line 23 \$20.91
5.	DS3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 48,Col(E) \$1,045.87
6.	DS3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 32,Col(E) \$97.83
6A.	OC3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 49,Col(E) \$1,320.18
6B.	OC3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 33,Col(E) \$156.63
6C.	OC12 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 50,Col(E) \$1,566.32
6D.	OC12 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 34,Col(E) \$223.76
7.	Direct Trunked VG Terminations	Forecast Demand 0
8.	Direct Trunked VG Miles	Vol 4, Sec 4 ALOH * Line 7 0
9.	Direct Trunked DS1 Terminations	Forecast Demand 1,533
10.	Direct Trunked DS1 Miles	Vol 4, Sec 4 ALOH * Line 9 13,480
11.	Direct Trunked DS3 Terminations	Forecast Demand 0
12.	Direct Trunked DS3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12A.	Direct Trunked OC3 Terminations	Forecast Demand 0
12B.	Direct Trunked OC3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12C.	Direct Trunked OC12 Terminations	Forecast Demand 0
12D.	Direct Trunked OC12 Miles	Vol 4, Sec 4 ALOH * Line 11 0
13.	Direct Trunked Termination Revenues	\$70,935
14.	Direct Trunked Facility Revenues	\$281,887
15.	DS1 to Voice Mux	Volume 4, Section 3 0
16.	DS3 to DS1 Mux	Volume 4, Section 3 0
17.	Multiplexing Revenue	(Ln 16 * Pg 9,Ln19)+(Ln 17*Pg 9,Ln 24) \$0
18.	Total Direct Trunked Transport Revenues	(Ln 13+Ln14+Ln 17) <u>\$352,822</u>

**Entrance Facility Revenues**

19.	VG2W Entrance Facility Rate	Page 10, Ln 3,Col(E) \$22.38
20.	VG4W Entrance Facility Rate	Page 10, Ln 4,Col(E) \$35.80
21.	DS1 Entrance Facility Rate	Page 10, Ln 15,Col(E) \$209.28
22.	DS3 Entrance Facility Rate	Page 10, Ln 16,Col(E) \$2,218.78
22A.	OC3 Entrance Facility Rate	Page 10, Ln 17,Col(E) \$1,722.95
22B.	OC12 Entrance Facility Rate	Page 10, Ln 18,Col(E) \$2,013.84
23.	VG 2W Entrance Facilities	Forecast Demand 0
24.	VG 4W Entrance Facilities	Forecast Demand 0
25.	DS1 Entrance Facilities	Forecast Demand 50
26.	DS3 Entrance Facilities	Forecast Demand 0
26A.	OC3 Entrance Facilities	Forecast Demand 0
26B.	OC12 Entrance Facilities	Forecast Demand 0
27.	Total Entrance Facility Revenues	(Ln20*Ln24+Ln21*Ln25+Ln 22*Ln26+Ln19*Ln23+Ln 22A*Ln26A+Ln22B*Ln26B) <u>\$10,464</u>

**Tandem Switched Transport Revenues**

28.	Term MOUs - Remote to Host	Page 5, Ln 12 134,421,903
29.	MOU Miles - Remote to Host	Page 5,Ln 10 751,922,522
30.	TST Revenues Remote to Host	Ln 28 * Pg5, Ln 29 \$63,164
31.	TSF Revenues Remote to Host	Ln 29 * Page 5, Ln 30 \$172,899
32.	Total Revenues Remote to Host	Line 31+Line 32 <u>\$236,063</u>
33.	Term MOUs - End Office/Host	Page 5, Ln11-Page 5, Ln12 147,023,957
34.	MOU Miles - End Office/Host	Page 5, Ln9-Page 5, Ln10 429,870,045
35.	TST Revenues from End Office/Host	Ln33 * Page 5, Ln 29 \$69,086
36.	TSF Revenues from End Office/Host	Ln34 * Page 5, Ln 30 \$98,845
37.	Total Revenues from End Office/Host	Line 35+Line 36 <u>\$167,931</u>
38.	Total Tandem Switched Transport Revenues	Line 32+Line 37 <u>\$403,994</u>

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access

**800 Data Base Query Revenues**

ALLTEL NEW YORK

Ln	Source	Quantity
1.	Basic Query Charge per Query SCP Tariff Rate	0.001
2.	Total Basic Queries Volume 4 Section 5	27,885,880
3.	Enhanced Query Charge per Query SCP Tariff Rate	0.0012
4.	Total Enhanced Queries Volume 4 Section 5	0
5.	Total 800 Data Base Revenues Ln 1 * Ln 2 + Ln 3 * Ln 4	\$27,886

**Transport Interconnection Charge (TIC) Calculation**

Ln	Source	Quantity
6a.	Transport Revenue Requirement Volume 2, Section 1	\$923,696
	Revenue Requirement Adjustment	
6b.	Single Bill Settlement, Receivable Volume 3, Page 10	\$0
6c.	Single Bill Settlement, Payable Volume 3, Page 10	\$0
6d.	Net Settlement Volume 3, Page 10	\$0
6e.	Analog Revenue Requirement	\$0
6f.	Rate Making Revenue Requirement L6a+L6d-6e	\$923,696
7.	Total Direct Trunked Revenues Page 6, Line 18	\$352,822
8.	Total Entrance Facility Revenues Page 6, Line 27	\$10,464
8a.	Initial Tandem Switching Revenues Page 5, Line 18	\$0
9.	Initial Tandem Switched Transport Revenues Page 6, Line 39	\$403,994
10.	Total NRC Revenues Page 3, Line 6	\$84,092
11.	800 Data Base Query Revenues Line 5	\$27,886
11a.	Less: TIC Allocation to Common Line Page 2, Line 1b	\$20,215
11b.	Less: TIC Allocation to Local Switching Page 4, Line 1f	\$3,090
11c.	Less: TIC Allocation to Information Surcharge Page 4, Line 7a	\$274
11d.	Less: TIC Allocation to Special Access Page 9, Line 12a	\$20,191
12.	TIC to be allocated to Transport Elements Ln 6f-(Sum Lns 7 thru 11d)	\$669
12a.	TIC Rate Adjustment to TST TIC Elimination Worksheet	0.000001
12b.	TIC Rate Adjustment to TSF TIC Elimination Worksheet	0.000000
12c.	TIC Rate Adjustment to Tandem Switching TIC Elimination Worksheet	0.000000
12d.	Additional TST Revenue Ln 12a * Page 5, Ln 11	\$219
12e.	Additional TSF Revenue Ln 12b * Page 5, Ln 9	\$450
12f.	Additional Tandem Switching Revenue Ln 12c * Page 5, Ln 19	\$0
12g.	TIC after TST,TSF, Tandem Switching Adjustments Ln 12 - 12d - 12e - 12f	\$0
12h.	Final TST Rate Ln 12a + Page 5, Ln 29	0.000471
12i.	Final TSF Rate Ln 12b + Page 5, Ln 30	0.000230
12j.	Final Tandem Switching Rate Ln 12c + Page 5, Ln 20	0.000000
13.	Total Premium Local Switching MOUs Page 4, Line 2	250,040,743
14.	Total Non-Premium Local Switching MOUs Page 4, Line 3	0
15.	Total Weighted MOUs Line 13 + Line 14 *45%	250,040,743
16.	Premium TIC Line 12g / Line 15	0.000000
17.	Non-Premium TIC Line 16 * 45%	0.000000

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access**  
**Nonrecurring Revenues**

## ALLTEL NEW YORK

Ln		(A) NRC Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Installation/Provisions			
1.	Telegraph 2W/4W	\$196.00	0	\$0
2.	Voice Grade 2W/4W	\$215.00	6	\$1,290
3.	Program Audio	\$190.00	0	\$0
4.	Digital Data	\$140.00	63	\$8,820
5.	High Capacity 1.544	\$303.00	177	\$53,631
6.	High Capacity 44.736	\$333.00	0	\$0
7.	ADSL Access Port	\$99.95	0	\$0
8.	ADSL Logical Link	\$19.95	0	\$0
9.	ADSL Network Access Link - DS1	\$499.95	3	\$1,500
9.	ADSL Network Access Link - DS3	\$700.00	3	\$2,100
	<u>Orders</u>			
10.	Special Access Orders	\$68.00	242	\$16,456
11.	Date Change / Design Change	\$18.00	0	\$0
12.	Total NRC Revenues			<u>\$83,797</u>

## Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**Optional Feature and Function Revenues**

Ln	Feature	(A) Monthly OFF Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Bridging	\$5.80	0	\$0
2.	C-Conditioning	\$19.30	24	\$463
3.	Data Conditioning	\$19.30	156	\$3,011
4.	Improved Return Loss 2W/4W	\$18.50	24	\$444
5.	Signaling Capability	\$2.70	132	\$356
6.	Customer Specified Receive Level	\$12.70	120	\$1,524
7.	Digital Data Channel Service Unit 9.6 Kbps	\$24.20	0	\$0
8.	Selective Signaling Arrangement	\$18.50	0	\$0
9.	Multiplexing DS1 to Voice	\$149.70	102	\$15,269
10.	Multiplexing DS1 to DSO	\$149.70	24	\$3,593
11.	Improved Termination Option, per CT 2 Wire	\$10.98	0	\$0
12.	Improved Termination Option, per CT 4 Wire	\$10.98	0	\$0
13.	Program Audio Conditioning - zero loss	\$12.00	0	\$0
14.	Multiplexing DS3 to DS1	\$302.10	18	\$5,438
15.	ADSL Access Port 1	\$29.95	37,487	\$1,122,736
16.	ADSL Access Port 2	\$59.95	1,470	\$88,127
17.	ADSL Access Port 3	\$119.95	2,542	\$304,913
18.	ADSL Additional Logical Link	\$19.95	0	\$0
19.	ADSL Network Access Link - Per DS1	\$399.95	54	\$21,597
20.	ADSL Network Access Link - Per DS3	\$2,950.00	7	\$20,650
21.	ADSL Additional Logical Access Link Blocks	\$99.95	0	\$0
22.	Total Optional Special Access Revenues			<u>\$1,588,121</u>

## Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**ALLTEL Telephone Services Corporation**  
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**Special Access  
ICB Revenues**

ALLTEL NEW YORK

Ln	Rate Element	Source	Test Period
1.	Channel Termination ICB Revenues	Volume 3	\$0
2.	Channel Mileage Facility ICB Revenues	Volume 3	\$0
3.	Channel Mileage Termination ICB Revenues	Volume 3	\$0
4.	Total ICB Revenues (Ln 6 * Ln 7)		\$0

**Special Access Revenue Requirement Adjustment**

5.	Single Bill Settlement , Receivable	Volume 3	\$0
6.	Single Bill Settlement , Payable	Volume 3	\$0
7.	Single Bill Settlement , Net Adjustment	Line 5+ Line 6	\$0

**Revenue Requirement**

	Source	
8.	Total Special Access Rev Req	Volume 2, Section 1 \$6,177,351
9.	(+)/(-) Single Bill Settlement Adjustment	Line 7 \$0
10.	Less: Nonrecurring Charge Revs	Page 8, Line 12 (\$83,797)
11.	Less: Optional Feature & Function Revs	Page 8, Line 21 (\$1,588,121)
12.	Less: ICB revenues	Line 4 \$-0
12a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 5 \$20,191
13.	Total Rate Making Rev Req	Sum (Lines 8 thru 12a) \$4,525,624

**ALLTEL Telephone Services Corporation**  
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**Special Access**

ALLTEL NEW YORK

Ln	Channel Termination	(A) Index	(B) Test Period Demand	(C)=A*B Annualized Weighted Demand	(D) CT Rev Req	(E) CT Rate
1	Telegraph 2 Wire	0.9309	0	0		\$20.83
2	Telegraph 4 Wire	1.5015	0	0		\$33.60
3	Voice Grade 2 Wire	1.0000	494	494		\$22.38
4	Voice Grade 4 Wire	1.6000	1,587	2,539		\$35.80
5	Program Audio 3.5 khz	1.1321	30	34		\$25.33
6	Program Audio 5.0 khz	1.3814	0	0		\$30.91
7	Program Audio 8.0 khz	1.3814	30	41		\$30.91
8	Program Audio 15 khz	1.3814	0	0		\$30.91
9	Digital Data 2.4 Kbps	2.4129	90	217		\$53.99
10	Digital Data 4.8 Kbps	2.4129	45	109		\$53.99
11	Digital Data 9.6 Kbps	2.4129	201	485		\$53.99
12	Digital Data 19.2 Kbps	2.4129	0	0		\$53.99
13	Digital Data 56 Kbps	2.4658	5,193	12,805		\$55.17
14	Digital Data 64 Kbps	2.4658	0	0		\$55.17
15	High Capacity 1.54 Mbps	9.3531	7,494	70,092		\$209.28
16	High Capacity 44.746	99.1590	15	1,487		\$2,218.78
17	SOCS OC3	77.0000	12	924		\$1,722.95
18	SOCS OC12	90.0000	0	0		\$2,013.84
			15,191	89,227		
						CMF
						Rate
19	Telegraph	0.0694	0	0		\$1.55
20	Voice Grade	0.1273	12,733	1,621		\$2.85
21	Program Audio 3.5 khz	0.6727	0	0		\$15.05
22	Program Audio 5.0 khz	0.6727	0	0		\$15.05
23	Program Audio 8.0 khz	0.6727	0	0		\$15.05
24	Program Audio 15 khz	0.6727	0	0		\$15.05
25	Digital Data 2.4 Kbps	0.6078	644	391		\$13.60
26	Digital Data 4.8 Kbps	0.6078	322	196		\$13.60
27	Digital Data 9.6 Kbps	0.6078	1,438	874		\$13.60
28	Digital Data 19.2 Kbps	0.6078	0	0		\$13.60
29	Digital Data 56 Kbps	0.6078	44,165	26,844		\$13.60
30	Digital Data 64 Kbps	0.6078	0	0		\$13.60
31	High Capacity 1.544	0.9345	65,898	61,584		\$20.91
32	High Capacity 44.736	4.3720	612	2,678		\$97.83
33	SOCS OC3	7.0000	12	84		\$156.63
34	SOCS OC12	10.0000	0	0		\$223.76
			125,825	94,272		
						CMT
						Rate
35	Telegraph	0.3745	0	0		\$8.38
36	Voice Grade	1.0943	1,623	1,776		\$24.49
37	Program Audio 3.5 khz	0.0000	0	0		\$0.00
38	Program Audio 5.0 khz	0.0000	0	0		\$0.00
39	Program Audio 8.0 khz	0.0000	0	0		\$0.00
40	Program Audio 15 khz	0.0000	0	0		\$0.00
41	Digital Data 2.4 Kbps	0.0000	0	0		\$0.00
42	Digital Data 4.8 Kbps	0.0000	0	0		\$0.00
43	Digital Data 9.6 Kbps	0.0000	0	0		\$0.00
44	Digital Data 19.2 Kbps	0.0000	0	0		\$0.00
45	Digital Data 56 Kbps	0.0000	171	0		\$0.00
46	Digital Data 64 Kbps	0.0000	0	0		\$0.00
47	High Capacity 1.544	2.0679	6,783	14,027		\$46.27
48	High Capacity 44.736 Mbps	46.7409	48	2,244		\$1,045.87
49	SOCS OC3	59.0000	12	708		\$1,320.18
50	SOCS OC12	70.0000	0	0		\$1,566.32
			8,638	18,755		
				202,254		\$4,525,624

Col (A) = Volume 3  
Col (B) = Volume 4, Section 4

Col (C) = Col (A) \* Col (B) Col (C) Total]  
Col (D) = Page 9, Line 13

**ALLTEL Telephone Services Corporation**  
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**Special Access**  
**Calculation of Recurring Special Access Revenues**

## ALLTEL NEW YORK

Ln	Service	(A) CT Rate	(B) CT Revenue	(C) CMF Rate	(D) CMF Revenue*	(E) CMT Rate	(F) CMT Revenue*
1.	Telegraph 2 Wire	\$20.83	\$0				
2.	Telegraph 4 Wire	\$33.60	\$0	\$1.55	\$0	\$8.38	\$0
3.	Voice Grade 2 Wire	\$22.38	\$11,054				
4.	Voice Grade 4 Wire	\$35.80	\$56,817	\$2.85	\$36,277	\$24.49	\$39,746
5.	Program Audio 3.5 khz	\$25.33	\$760	\$15.05	\$0	\$0.00	\$0
6.	Program Audio 5.0 khz	\$30.91	\$0	\$15.05	\$0	\$0.00	\$0
7.	Program Audio 8.0 khz	\$30.91	\$927	\$15.05	\$0	\$0.00	\$0
8.	Program Audio 15 khz	\$30.91	\$0	\$15.05	\$0	\$0.00	\$0
9.	Digital Data 2.4 Kbps	\$53.99	\$4,859	\$13.60	\$8,760	\$0.00	\$0
10.	Digital Data 4.8 Kbps	\$53.99	\$2,430	\$13.60	\$4,380	\$0.00	\$0
11.	Digital Data 9.6 Kbps	\$53.99	\$10,852	\$13.60	\$19,563	\$0.00	\$0
12.	Digital Data 19.2 Kbps	\$53.99	\$0	\$13.60	\$0	\$0.00	\$0
13.	Digital Data 56 Kbps	\$55.17	\$286,518	\$13.60	\$600,652	\$0.00	\$0
14.	Digital Data 64 Kbps	\$55.17	\$0	\$13.60	\$0	\$0.00	\$0
15.	High Capacity 1.544	\$209.28	\$1,568,374	\$20.91	\$1,377,994	\$46.27	\$313,862
16.	High Capacity 44.736	\$2,218.78	\$33,282	\$97.83	\$59,918	\$1,045.87	\$50,202
16.	SOCS OC3	\$1,722.95	\$20,675	\$156.63	\$1,880	\$1,320.18	\$15,842
16.	SOCS OC12	\$2,013.84	\$0	\$223.76	\$0	\$1,566.32	\$0
			\$1,996,548		\$2,109,424		\$419,653

## Sources:

<p>Cols (A), (C) and (E) = Page 10, Col (E)  Col (B) = Col (A) * Page 10, Col (B)  Col (D) = Col (C) * Page 10, Col (B)  Col (F) = Col (E) * Page 10, Col (B)</p>
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**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

Special Access  
**Crossover Analysis**

ALLTEL NEW YORK

**Voice Grade to Hi Cap DS1**

Config	Element	(A)	(B)
		Voice Grade 4 Wire	Hi-Cap 1.544 Mbps
2	CT	\$71.60	\$418.57
10	CMF	\$28.49	\$209.11
2	CMT	\$48.97	\$92.54
Total Config		\$149.07	\$720.22

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DS1 to VG 4W Crossover (Total Col (B) / Total Col (A)) 4.83

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Sources:

Col (A) = Config Column * VG4W Rates from Page 11
Col (B) = Config Column * Hi Cap 1.544 Rates from Page 11

**Transport Benchmark**

Config	Element	(A)	(B)
		DS1	DS3
1	CT	\$209.28	\$2,218.78
10	CMF	\$209.11	\$978.28
2	CMT	\$92.54	\$2,091.74
1	MUX	n/a	\$302.10
Total Config		\$510.94	\$5,590.90

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DS3 to DS1 Crossover (Total Col (B) / Total Col (A)) 10.94

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Sources:

Col (A) = Config Column * DS1 Rates from Page 11
Col (B) = Config Column * DS3 Rates from Page 11

**Calculation of Host-Remote / TIC Adjustment  
(FCC 97-158, 1st Report & Order, Para 220)**

	Before Host Remote Adj	After Host Remote Adj
TST Revenues Remote to Host	\$47,317	
TSF Revenues Remote to Host	\$119,556	
Total Revenues Remote to Host	<u>\$166,872</u>	
TST Remote/Host MOU TERM's	134,421,903	
TSF Remote/Host MOU/Miles	751,922,522	
Total Host-Remote Investment	\$1,331,953	
Total Interstate TS SW Rev Req	\$2,594,859	
Total Interstate TS SW TPIS	\$12,174,411	
Total Interstate TS SW Factor	0.213140	
Total Host-Remote Rev Req	\$283,892	
Total Shortfall going to TIC		\$117,020
TST Shortfall going to TIC		\$33,181
TSF Shortfall going to TIC		\$83,839
TST Rate adj for H-R		0.000118
TSF Rate adj for H-R		0.000071
Total Transport Rev Req (Ln 6h)	\$923,696	
Less: Direct Trunk Revenues	\$352,822	
Less: Entrance Facility Revenues	\$10,464	
Less: Tandem Switching Revenues	\$0	
Less: NRC Revenues	\$84,092	
Less: 800 DBQ Revenues	\$27,886	
Requirement from Common Tspt	<u>\$448,432</u>	
Total Common TST MOU Terms	281,445,860	
Total Common TSF MOU/Miles	1,181,792,568	
Initial TST rate (Ln 17 workpapers)	\$0.000352	
Initial TSF rate (Ln 18 workpapers)	\$0.000159	
Initial TST Revenues	\$99,069	
Initial TSF Revenues	\$187,905	
Initial total TST/TSF revenues	\$286,974	
Maximum TST rev req		\$154,807
Maximum TSF rev req		\$293,625
Maximum TST rate adj		\$0.000198
Maximum TSF rate adj		\$0.000089
Adj needed to TST Rate		0.000118
Adj needed to TSF Rate		0.000071

**ALLTEL Telephone Services Corporation**  
**Transport Interconnection Charge (TIC) Revenue Allocation**  
**Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 14**

ALLTEL NEW YORK	Source	Revenue Requirement	% of Total	TIC Amount Reallocated
1. Common Line	TRP Form COS1-P Line 100 Less USF Contribution	\$6,184,687	43.35%	\$20,215
2. Local Switching	Volume 5, Page 4, Ln 1d	\$945,352	6.63%	\$3,090
3. Information	Volume 5, Page 4, Ln 7	\$83,692	0.59%	\$274
4. Transport Less TIC Revenue	ACR-1 Projected (Column I)	\$877,060	6.15%	\$2,867
5. Special Access Total	Volume 5, Page 9, Ln 8	\$6,177,351 \$14,268,141	43.29%	\$20,191
6. TIC Revenue July 00 - June 01	CABS Billing	\$250,479		
7. Projected TIC Revenues	Revised June 28, 2002 Annual Tariff Filing, Vol 5, Pg	\$46,636		
8. TIC to be allocated	Minimum CABS Billed or Projected	\$46,636		

**ALLTEL Telephone Services Corporation  
 Transport Interconnection Charge (TIC) Elimination  
 Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 15**

		Revenue Requirement	% of Total	TIC Amount Reallocated
ALLTEL NEW YORK	Source			
1. Tandem Switching	Volume 5, Page 5, Line 18	\$0	0.00%	\$0
2. Initial Tandem Switched Termination Revenue	Volume 5, Page 6, Lns 30 + 35	\$132,250	32.74%	\$219
3. Initial Tandem Switched Facility Revenue	Volume 5, Page 6, Lns 31 + 36	\$271,744	67.26%	\$450
4. Total		\$403,994		
5. TIC to be allocated to Transport Elements	Volume 5, Page 7, line 12	\$669		
6. TIC Rate Adjustment - Tandem Switching	Ln 1 / Volume 5, Page 5, Line 19	0.000000		
7. TIC Rate Adjustment - TST	Ln 2 / Volume 5, Page 5, Line 11	0.000001		
8. TIC Rate Adjustment - TSF	Ln 3 / Volume 5, Page 5, Line 9	0.000000		

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Rate Development Summary**

**ALLTEL OHIO**

**End User**

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End User - Multiline Business	\$6.21
End User - Single Line Business / Residential	\$6.00

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

End User Rate Development

ALLTEL OHIO

Ln	End User Rate Development	Source	Amount
1.	BFP Revenue Requirement	Volume 2, Section 2	\$9,254,158
1a.	Plus: Line Port and Residual Revenue Requirement allocation from NECA		\$1,797,102
1b.	Less: Line Port in ALLTEL Part 69	Volume 2	(\$886,262)
2.	Special Access Surchargeable Channels	Volume 4	12
3.	Special Access Surcharge Revenues	(Ln 2 * \$25)	\$300
4.	Adjusted BFP Revenue Requirement	(Ln 1 + 1a - 1b+ 3)	\$10,164,698
5.	Test Period Mean Access Lines	Volume 4	136,445
6.	Annual Cost Per Line	Ln 4 / Ln 5	\$74.50
7.	Capped EUCL Multi-Line Rate		\$9.20
8.	Monthly Cost Per Line	Ln 6 / 12	\$6.21
9.	Monthly EUCL Multi-Line Rate	Smaller of Ln 7 or Ln 8	\$6.21
10.	Monthly EUCL Single Line Rate	Smaller of \$3.50 or Ln 9	\$6.00

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Rate Development Summary**

**OKLAHOMA PROPERTIES**

**End User**

End User - Multiline Business	\$9.20
End User - Single Line Business / Residential	\$6.00

**Carrier Common Line**

Premium Originating	N/A	NonPremium Originating	N/A
Premium Terminating	N/A	NonPremium Terminating	N/A

**Traffic Sensitive - Switched**

<b>Premium</b>		<b>NonPremium</b>	
Local Switching	0.006208	Local Switching	0.002794
Information Surcharge	0.000024	Information Surcharge	0.000011
TIC	0.000000	TIC	0.000000

**Tandem Switched**

Termination	0.000651
Facility	0.000239
Switching	0.000811

**Direct Trunked**

VG Termination	\$16.85
VG Facility	\$1.08
DS1 Termination	\$45.83
DS1 Facility	\$16.76
DS1 Multiplexing	\$149.70
DS3 Termination	\$793.76
DS3 Facility	\$50.28
DS3 Multiplexing	\$302.10

**Entrance Facility**

VG2W	\$24.13
VG4W	\$38.61
DS1	\$145.57
DS3	\$2,564.44

**Traffic Sensitive - Special**

Service	Channel		Channel Mileage
	Termination	Facility	Termination
Telegraph 2 Wire	\$28.96	\$2.33	\$17.80
Telegraph 4 Wire	\$43.44	\$2.33	\$17.80
Voice Grade 2 Wire	\$24.13	\$1.08	\$16.85
Voice Grade 4 Wire	\$38.61	\$1.08	\$16.85
Program Audio 3.5 khz	\$19.31	\$1.12	\$16.00
Program Audio 5.0 khz	\$24.13	\$1.87	\$18.87
Program Audio 8.0 khz	\$24.13	\$1.93	\$18.87
Program Audio 15 khz	\$24.13	\$5.48	\$18.87
Digital Data 2.4 Kbps	\$71.58	\$1.25	\$33.79
Digital Data 4.8 Kbps	\$71.58	\$1.25	\$33.79
Digital Data 9.6 Kbps	\$71.58	\$1.25	\$33.79
Digital Data 19.2 Kbps	\$71.58	\$1.25	\$33.79
Digital Data 56 Kbps	\$68.38	\$2.68	\$26.81
Digital Data 64 Kbps	\$68.38	\$2.68	\$26.81
High Capacity 1.544	\$145.57	\$16.76	\$45.83
High Capacity 44.736 Mbps	\$2,564.44	\$50.28	\$793.76

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

End User Rate Development

OKLAHOMA PROPERTIES

Ln	End User Rate Development	Source	Amount
1.	BFP Revenue Requirement	Volume 2, Section 2	\$5,274,529
1a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 1	\$0
2.	Special Access Surchargeable Channels	Volume 4	0
3.	Special Access Surcharge Revenues	(Ln 2 * \$25)	\$0
4.	Adjusted BFP Revenue Requirement	(Ln 1 + 1a + 3)	\$5,274,529
5.	Test Period Mean Access Lines	Volume 4	35,686
6.	Annual Cost Per Line	Ln 4 / Ln 5	\$147.80
7.	Capped EUCL Multi-Line Rate		\$9.20
8.	Monthly Cost Per Line	Ln 6 / 12	\$12.32
9.	Monthly EUCL Multi-Line Rate	Smaller of Ln 7 or Ln 8	\$9.20
10.	Monthly EUCL Single Line Rate	Smaller of \$3.50 or Ln 9	\$6.00

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Nonrecurring Revenues**

## OKLAHOMA PROPERTIES

Ln	(A) Rate	(B) Test Period Demand	(C)=(A)*(B) Revenues	
1.	Switched Access Service Order, Miscellaneous Service Order and Interim NXX Translation	\$68.00	37	\$2,516
2.	Service Date Change, Design Change	\$18.00	0	\$0
3a.	Switched Access Trunk Conversion/Activation	\$112.00	0	\$0
3b.	Switched Access Installation Voice Grade 2 Wire	\$215.00	0	\$0
3c.	Switched Access Installation Voice Grade 4 Wire	\$215.00	0	\$0
3d.	Switched Access Installation High Capacity DS1	\$303.00	0	\$0
3e.	Switched Access Installation High Capacity DS3	\$333.00	0	\$0
4.	Presubscription	\$5.00	5,476	\$27,380
5.	Unauthorized PIC Change	\$30.00	0	\$0
6.	Total Non-Recurring Revenue Requirement			\$29,896

## Sources:

Col (A) - Volume 3

Col (B) - Volume 4

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Local Switching Rate Development**

## OKLAHOMA PROPERTIES

Ln	Source	Quantity
1.	Local Switching Revenue Requirement (Includes Equal Access Revenue Requirement )	Volume 2, Section 1 \$2,085,225
1a.	SS7 Revenue Requirement	Volume 2, Section 1 \$40,384
1b.	plus: analog revenue requirement	\$0
1c.	less: DEM Weighting to be recovered through USF	(\$1,480,580)
1d.	Sub Total	Ln 1 + 1a + 1b - 1c \$645,029
1e.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 2 \$0
1f.	Adjusted Local Switching Revenue Requirement	Ln 1d - 1e \$645,029
2.	Premium Minutes of Use	Volume 4 103,897,699
3.	Non-Premium Minutes of Use	Volume 4 0
4.	Weighted Minutes	Ln 2 + (Ln 3 * 45%) 103,897,699
5.	Premium Local Switching Rate	(Ln 1g / Ln 4) 0.006208
6.	Non-Premium Local Switching Rate	(Ln 5 * 45%) 0.002794

**Information Surcharge Rate Development**

	Source	Quantity
7.	Information Surcharge Revenue Requirement	Volume 2, Section 1 \$2,521
7a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 3 \$0
7b.	Adjusted Information Surcharge Revenue Requirement	Ln 7 + 7a \$2,521
8.	Premium Minutes	Volume 4 103,897,699
9.	Non-Premium Minutes	Volume 4 0
10.	Weighted Minutes	Ln 8 + (Ln 9 * 45%) 103,897,699
11.	Prem Information Surcharge Rate per Minute	(Ln 7b / Ln 10) 0.000024
12.	NPrem Information Surcharge Rate per Minute	(Ln 11 * 45%) 0.000011

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Miscellaneous Data**

## OKLAHOMA PROPERTIES

Ln	Source	Quantity	
1.	Local Switching MOUs	Page 4, Lns 2 + 3	103,897,699
2.	Pct of Local Switch MOU is Common Tspt MOU	Volume 4, Section 4	76%
3.	Common Transport MOUs	Ln 1 * Ln 2	78,962,251
4.	Total Comm. Tspt Avg Length of Haul (ALOH)	Volume 4, Section 4	12.93
5.	Remote to Host Tspt ALOH	Volume 4, Section 4	4.73
6.	Avg # of Total Terms per Comm. Tspt MOU	Volume 4, Section 4	1.99
7.	Avg # of Terms per Circuit		n/a
8.	Avg # of Remote Terms per Comm. Tspt MOU	Volume 4, Section 4	0.85
9.	Total Comm. Tspt MOU Miles	Ln 3 * Ln 4	1,020,981,909
10.	Total Remote-Host MOU Miles	Ln 3 * Ln 5	373,491,448
11.	Total Comm. Tspt Terms	Ln 3 * Ln 6	157,134,880
12.	Total Remote-Host Terms	Ln 3 * Ln 8	67,117,914
13.	Tandem Switch MOU % of Comm. Tspt MOU	Volume 4, Section 4	46%
14.	Tandem Switching MOU	Ln 3 * Ln 13	36,322,636

**Tandem Switching Rate Development**

Ln	Source	Quantity	
15.	Tandem Switching Revenue Requirement	Volume 2, Section 1	\$20,154
16.	plus: Tandem Switched Port Card Revenue Requirement		\$8,217
17.	plus: Tandem Switched Multiplexer Revenue Requirement		\$1,089
18.	Adjusted Rate Making Revenue Requirement		\$29,460
19.	Total Tandem Switching MOUs	Line 14	36,322,636
20.	Initial Tandem Switching Rate	Line 18/ Line 19	0.000811

**Tandem Switched Transport Rate Calculation**

22.	DS1 Dedicated Transport Termination Rate (DTT)	Page 10, Line 47, Col (E)	\$45.83
23.	DS1 Dedicated Transport Facility Rate (DTF)	Page 10, Line 21, Col (E)	\$16.76
24.	DS1 MOU per Voice Grade Equivalent	MOU * 24 VG Equiv	131,376
25.	Tandem Switched Term (TST) Initial Rate	Line 22/Line 24	0.000349
26.	Tandem Switched Facility (TSF) Initial Rate	Line 23/Line 24	0.000128
27.	Tandem Switched Term Adj - Host Remote	Host-Remote Worksheet	0.000302
28.	Tandem Switched Facility Adj - Host Remote	Host-Remote Worksheet	0.000111
29.	TST Rate Before TIC Elimination Adjustment	Line 25 + 27	0.000651
30.	TSF Rate Before TIC Elimination Adjustment	Line 26 + 28	0.000239

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Direct Trunked Transport Revenues**

## OKLAHOMA PROPERTIES

Ln	Source	Quantity
1.	VG Dedicated Transport Termination Rate (DTT)	Page 10, Ln 36,Col(E) \$16.85
2.	VG Dedicated Transport Facility Rate (DTF)	Page 10, Ln 20,Col(E) \$1.08
3.	DS1 Dedicated Transport Termination Rate (DTT)	Page 5, Line 22 \$45.83
4.	DS1 Dedicated Transport Facility Rate (DTF)	Page 5, Line 23 \$16.76
5.	DS3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 48,Col(E) \$793.76
6.	DS3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 32,Col(E) \$50.28
6A.	OC3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 49,Col(E) \$1,423.82
6B.	OC3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 33,Col(E) \$168.93
6C.	OC12 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 50,Col(E) \$1,689.27
6D.	OC12 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 34,Col(E) \$241.32
7.	Direct Trunked VG Terminations	Forecast Demand 186
8.	Direct Trunked VG Miles	Vol 4, Sec 4 ALOH * Line 7 989
9.	Direct Trunked DS1 Terminations	Forecast Demand 502
10.	Direct Trunked DS1 Miles	Vol 4, Sec 4 ALOH * Line 9 4,023
11.	Direct Trunked DS3 Terminations	Forecast Demand 0
12.	Direct Trunked DS3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12A.	Direct Trunked OC3 Terminations	Forecast Demand 0
12B.	Direct Trunked OC3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12C.	Direct Trunked OC12 Terminations	Forecast Demand 0
12D.	Direct Trunked OC12 Miles	Vol 4, Sec 4 ALOH * Line 11 0
13.	Direct Trunked Termination Revenues	\$26,140
14.	Direct Trunked Facility Revenues	\$68,487
15.	DS1 to Voice Mux	Volume 4, Section 3 0
16.	DS3 to DS1 Mux	Volume 4, Section 3 0
17.	Multiplexing Revenue	(Ln 16 * Pg 9,Ln19)+(Ln 17*Pg 9,Ln 24) \$0
18.	Total Direct Trunked Transport Revenues	(Ln 13+Ln14+Ln 17) <u>\$94,626</u>

**Entrance Facility Revenues**

19.	VG2W Entrance Facility Rate	Page 10, Ln 3,Col(E) \$24.13
20.	VG4W Entrance Facility Rate	Page 10, Ln 4,Col(E) \$38.61
21.	DS1 Entrance Facility Rate	Page 10, Ln 15,Col(E) \$145.57
22.	DS3 Entrance Facility Rate	Page 10, Ln 16,Col(E) \$2,564.44
22A.	OC3 Entrance Facility Rate	Page 10, Ln 17,Col(E) \$1,858.20
22B.	OC12 Entrance Facility Rate	Page 10, Ln 18,Col(E) \$2,171.92
23.	VG 2W Entrance Facilities	Forecast Demand 0
24.	VG 4W Entrance Facilities	Forecast Demand 0
25.	DS1 Entrance Facilities	Forecast Demand 113
26.	DS3 Entrance Facilities	Forecast Demand 0
26A.	OC3 Entrance Facilities	Forecast Demand 0
26B.	OC12 Entrance Facilities	Forecast Demand 0
27.	Total Entrance Facility Revenues	(Ln20*Ln24+Ln21*Ln25+Ln 22*Ln26+Ln19*Ln23+Ln 22A*Ln26A+Ln22B*Ln26B) <u>\$16,449</u>

**Tandem Switched Transport Revenues**

28.	Term MOUs - Remote to Host	Page 5, Ln 12 67,117,914
29.	MOU Miles - Remote to Host	Page 5,Ln 10 373,491,448
30.	TST Revenues Remote to Host	Ln 28 * Pg5, Ln 29 \$43,711
31.	TSF Revenues Remote to Host	Ln 29 * Page 5, Ln 30 \$89,211
32.	Total Revenues Remote to Host	Line 31+Line 32 <u>\$132,922</u>
33.	Term MOUs - End Office/Host	Page 5, Ln11-Page 5, Ln12 90,016,966
34.	MOU Miles - End Office/Host	Page 5, Ln9-Page 5, Ln10 647,490,460
35.	TST Revenues from End Office/Host	Ln33 * Page 5, Ln 29 \$58,624
36.	TSF Revenues from End Office/Host	Ln34 * Page 5, Ln 30 \$154,658
37.	Total Revenues from End Office/Host	Line 35+Line 36 <u>\$213,282</u>
38.	Total Tandem Switched Transport Revenues	Line 32+Line 37 <u>\$346,204</u>

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access

**800 Data Base Query Revenues**

OKLAHOMA PROPERTIES

Ln	Source	Quantity
1.	Basic Query Charge per Query	SCP Tariff Rate
		0.001
2.	Total Basic Queries	Volume 4 Section 5
		10,002,881
3.	Enhanced Query Charge per Query	SCP Tariff Rate
		0.0012
4.	Total Enhanced Queries	Volume 4 Section 5
		0
5.	Total 800 Data Base Revenues	Ln 1 * Ln 2 + Ln 3 * Ln 4
		<u>\$10,003</u>

**Transport Interconnection Charge (TIC) Calculation**

Ln	Source	Quantity
6a.	Transport Revenue Requirement	Volume 2, Section 1
		\$526,638
	<u>Revenue Requirement Adjustment</u>	
6b.	Single Bill Settlement, Receivable	Volume 3, Page 10
		\$0
6c.	Single Bill Settlement, Payable	Volume 3, Page 10
		\$0
6d.	Net Settlement	Volume 3, Page 10
		\$0
6e.	Analog Revenue Requirement	
		\$0
6f.	Rate Making Revenue Requirement	L6a+L6d-6e
		<u>\$526,638</u>
7.	Total Direct Trunked Revenues	Page 6, Line 18
		\$94,626
8.	Total Entrance Facility Revenues	Page 6, Line 27
		\$16,449
8a.	Initial Tandem Switching Revenues	Page 5, Line 18
		\$29,460
9.	Initial Tandem Switched Transport Revenues	Page 6, Line 39
		\$346,204
10.	Total NRC Revenues	Page 3, Line 6
		\$29,896
11.	800 Data Base Query Revenues	Line 5
		\$10,003
11a.	Less: TIC Allocation to Common Line	Page 2, Line 1b
		\$0
11b.	Less: TIC Allocation to Local Switching	Page 4, Line 1f
		\$0
11c.	Less: TIC Allocation to Information Surcharge	Page 4, Line 7a
		\$0
11d.	Less: TIC Allocation to Special Access	Page 9, Line 12a
		\$0
12.	TIC to be allocated to Transport Elements	Ln 6f-(Sum Lns 7 thru 11d)
		\$0
12a.	TIC Rate Adjustment to TST	TIC Elimination Worksheet
		0.000000
12b.	TIC Rate Adjustment to TSF	TIC Elimination Worksheet
		0.000000
12c.	TIC Rate Adjustment to Tandem Switching	TIC Elimination Worksheet
		0.000000
12d.	Additional TST Revenue	Ln 12a * Page 5, Ln 11
		\$0
12e.	Additional TSF Revenue	Ln 12b * Page 5, Ln 9
		\$0
12f.	Additional Tandem Switching Revenue	Ln 12c * Page 5, Ln 19
		\$0
12g.	TIC after TST,TSF, Tandem Switching Adjustments	Ln 12 - 12d - 12e - 12f
		\$-0
12h.	Final TST Rate	Ln 12a + Page 5, Ln 29
		0.000651
12i.	Final TSF Rate	Ln 12b + Page 5, Ln 30
		0.000239
12j.	Final Tandem Switching Rate	Ln 12c + Page 5, Ln 20
		0.000811
13.	Total Premium Local Switching MOUs	Page 4, Line 2
		103,897,699
14.	Total Non-Premium Local Switching MOUs	Page 4, Line 3
		0
15.	Total Weighted MOUs	Line 13 + Line 14 *45%
		<u>103,897,699</u>
16.	Premium TIC	Line 12g / Line 15
		0.000000
17.	Non-Premium TIC	Line 16 * 45%
		0.000000

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access**  
**Nonrecurring Revenues**

## OKLAHOMA PROPERTIES

Ln	Installation/Provisions	(A) NRC Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Telegraph 2W/4W	\$196.00	0	\$0
2.	Voice Grade 2W/4W	\$215.00	0	\$0
3.	Program Audio	\$190.00	0	\$0
4.	Digital Data	\$140.00	9	\$1,260
5.	High Capacity 1.544	\$303.00	45	\$13,635
6.	High Capacity 44.736	\$333.00	0	\$0
7.	ADSL Access Port	\$99.95	0	\$0
8.	ADSL Logical Link	\$19.95	0	\$0
9.	ADSL Network Access Link - DS1	\$499.95	0	\$0
9.	ADSL Network Access Link - DS3	\$700.00	0	\$0
<u>Orders</u>				
10.	Special Access Orders	\$68.00	26	\$1,768
11.	Date Change / Design Change	\$18.00	0	\$0
12.	Total NRC Revenues			\$16,663

## Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

## Optional Feature and Function Revenues

Ln	Feature	(A) Monthly OFF Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Bridging	\$5.80	0	\$0
2.	C-Conditioning	\$19.30	0	\$0
3.	Data Conditioning	\$19.30	0	\$0
4.	Improved Return Loss 2W/4W	\$18.50	0	\$0
5.	Signaling Capability	\$2.70	0	\$0
6.	Customer Specified Receive Level	\$12.70	0	\$0
7.	Digital Data Channel Service Unit 9.6 Kbps	\$24.20	0	\$0
8.	Selective Signaling Arrangement	\$18.50	0	\$0
9.	Multiplexing DS1 to Voice	\$149.70	0	\$0
10.	Multiplexing DS1 to DSO	\$149.70	0	\$0
11.	Improved Termination Option, per CT 2 Wire	\$10.98	0	\$0
12.	Improved Termination Option, per CT 4 Wire	\$10.98	0	\$0
13.	Program Audio Conditioning - zero loss	\$12.00	0	\$0
14.	Multiplexing DS3 to DS1	\$302.10	0	\$0
15.	ADSL Access Port 1	\$29.95	0	\$0
16.	ADSL Access Port 2	\$59.95	0	\$0
17.	ADSL Access Port 3	\$119.95	0	\$0
18.	ADSL Additional Logical Link	\$19.95	0	\$0
19.	ADSL Network Access Link - Per DS1	\$399.95	0	\$0
20.	ADSL Network Access Link - Per DS3	\$2,950.00	0	\$0
21.	ADSL Additional Logical Access Link Blocks	\$99.95	0	\$0
22.	Total Optional Special Access Revenues			\$0

## Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access  
ICB Revenues**

OKLAHOMA PROPERTIES

Ln	Rate Element	Source	Test Period
1.	Channel Termination ICB Revenues	Volume 3	\$0
2.	Channel Mileage Facility ICB Revenues	Volume 3	\$0
3.	Channel Mileage Termination ICB Revenues	Volume 3	\$0
4.	Total ICB Revenues (Ln 6 * Ln 7)		\$0

**Special Access Revenue Requirement Adjustment**

5.	Single Bill Settlement , Receivable	Volume 3	\$0
6.	Single Bill Settlement , Payable	Volume 3	\$0
7.	Single Bill Settlement , Net Adjustment	Line 5+ Line 6	\$0

**Revenue Requirement**

	Source	
8.	Total Special Access Rev Req	Volume 2, Section 1 \$823,125
9.	(+)/(-) Single Bill Settlement Adjustment	Line 7 \$0
10.	Less: Nonrecurring Charge Revs	Page 8, Line 12 (\$16,663)
11.	Less: Optional Feature & Function Revs	Page 8, Line 21 \$-0
12.	Less: ICB revenues	Line 4 \$-0
12a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 5 \$0
13.	Total Rate Making Rev Req	Sum (Lines 8 thru 12a) \$806,462

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access**

OKLAHOMA PROPERTIES

Ln	Channel Termination	(A) Index	(B) Test Period Demand	(C)=A*B Annualized Weighted Demand	(D) CT Rev Req	(E) CT Rate
1	Telegraph 2 Wire	1.2000	12	14		\$28.96
2	Telegraph 4 Wire	1.8000	0	0		\$43.44
3	Voice Grade 2 Wire	1.0000	36	36		\$24.13
4	Voice Grade 4 Wire	1.6000	486	778		\$38.61
5	Program Audio 3.5 khz	0.8000	0	0		\$19.31
6	Program Audio 5.0 khz	1.0000	0	0		\$24.13
7	Program Audio 8.0 khz	1.0000	0	0		\$24.13
8	Program Audio 15 khz	1.0000	0	0		\$24.13
9	Digital Data 2.4 Kbps	2.9660	36	107		\$71.58
10	Digital Data 4.8 Kbps	2.9660	0	0		\$71.58
11	Digital Data 9.6 Kbps	2.9660	102	303		\$71.58
12	Digital Data 19.2 Kbps	2.9660	0	0		\$71.58
13	Digital Data 56 Kbps	2.8333	1,488	4,216		\$68.38
14	Digital Data 64 Kbps	2.8333	222	629		\$68.38
15	High Capacity 1.54 Mbps	6.0319	1,623	9,790		\$145.57
16	High Capacity 44.746	106.2651	0	0		\$2,564.44
17	SOCS OC3	77.0000	0	0		\$1,858.20
18	SOCS OC12	90.0000	0	0		\$2,171.92
			<u>4,005</u>	<u>15,872</u>		

CMF  
Rate

Ln	Channel Mileage Facility	(A) Index	(B) Test Period Demand	(C)=A*B Annualized Weighted Demand	(D) CT Rev Req	(E) CT Rate
19	Telegraph	0.0964	64	6		\$2.33
20	Voice Grade	0.0448	2,776	124		\$1.08
21	Program Audio 3.5 khz	0.0464	0	0		\$1.12
22	Program Audio 5.0 khz	0.0776	0	0		\$1.87
23	Program Audio 8.0 khz	0.0800	0	0		\$1.93
24	Program Audio 15 khz	0.2272	0	0		\$5.48
25	Digital Data 2.4 Kbps	0.0520	360	19		\$1.25
26	Digital Data 4.8 Kbps	0.0520	0	0		\$1.25
27	Digital Data 9.6 Kbps	0.0520	1,020	53		\$1.25
28	Digital Data 19.2 Kbps	0.0520	0	0		\$1.25
29	Digital Data 56 Kbps	0.1111	13,918	1,546		\$2.68
30	Digital Data 64 Kbps	0.1111	2,076	231		\$2.68
31	High Capacity 1.544	0.6944	13,006	9,032		\$16.76
32	High Capacity 44.736	2.0833	0	0		\$50.28
33	SOCS OC3	7.0000	0	0		\$168.93
34	SOCS OC12	10.0000	0	0		\$241.32
			<u>33,221</u>	<u>11,011</u>		

CMT  
Rate

Ln	Channel Mileage Termination	(A) Index	(B) Test Period Demand	(C)=A*B Annualized Weighted Demand	(D) CT Rev Req	(E) CT Rate
35	Telegraph	0.7376	9	7		\$17.80
36	Voice Grade	0.6984	402	281		\$16.85
37	Program Audio 3.5 khz	0.6628	0	0		\$16.00
38	Program Audio 5.0 khz	0.7820	0	0		\$18.87
39	Program Audio 8.0 khz	0.7820	0	0		\$18.87
40	Program Audio 15 khz	0.7820	0	0		\$18.87
41	Digital Data 2.4 Kbps	1.4000	33	46		\$33.79
42	Digital Data 4.8 Kbps	1.4000	0	0		\$33.79
43	Digital Data 9.6 Kbps	1.4000	93	130		\$33.79
44	Digital Data 19.2 Kbps	1.4000	0	0		\$33.79
45	Digital Data 56 Kbps	1.1111	1,446	1,607		\$26.81
46	Digital Data 64 Kbps	1.1111	216	240		\$26.81
47	High Capacity 1.544	1.8989	2,224	4,224		\$45.83
48	High Capacity 44.736 Mbps	32.8916	0	0		\$793.76
49	SOCS OC3	59.0000	0	0		\$1,423.82
50	SOCS OC12	70.0000	0	0		\$1,689.27
			<u>4,424</u>	<u>6,535</u>		
			<u>33,418</u>	<u>\$806,462</u>		

Col (A) = Volume 3  
Col (B) = Volume 4, Section 4

Col (C) = Col (A) \* Col (B) Col (C) Total]  
Col (D) = Page 9, Line 13

**ALLTEL Telephone Services Corporation**  
**2002 Annual Tariff Filing, Revised June 28, 2002**

**Special Access**  
**Calculation of Recurring Special Access Revenues**

## OKLAHOMA PROPERTIES

Ln	Service	(A) CT Rate	(B) CT Revenue	(C) CMF Rate	(D) CMF Revenue*	(E) CMT Rate	(F) CMT Revenue*
1.	Telegraph 2 Wire	\$28.96	\$348				
2.	Telegraph 4 Wire	\$43.44	\$0	\$2.33	\$148	\$17.80	\$164
3.	Voice Grade 2 Wire	\$24.13	\$869				
4.	Voice Grade 4 Wire	\$38.61	\$18,765	\$1.08	\$3,001	\$16.85	\$6,775
5.	Program Audio 3.5 khz	\$19.31	\$0	\$1.12	\$0	\$16.00	\$0
6.	Program Audio 5.0 khz	\$24.13	\$0	\$1.87	\$0	\$18.87	\$0
7.	Program Audio 8.0 khz	\$24.13	\$0	\$1.93	\$0	\$18.87	\$0
8.	Program Audio 15 khz	\$24.13	\$0	\$5.48	\$0	\$18.87	\$0
9.	Digital Data 2.4 Kbps	\$71.58	\$2,577	\$1.25	\$452	\$33.79	\$1,111
10.	Digital Data 4.8 Kbps	\$71.58	\$0	\$1.25	\$0	\$33.79	\$0
11.	Digital Data 9.6 Kbps	\$71.58	\$7,301	\$1.25	\$1,281	\$33.79	\$3,146
12.	Digital Data 19.2 Kbps	\$71.58	\$0	\$1.25	\$0	\$33.79	\$0
13.	Digital Data 56 Kbps	\$68.38	\$101,743	\$2.68	\$37,318	\$26.81	\$38,779
14.	Digital Data 64 Kbps	\$68.38	\$15,179	\$2.68	\$5,568	\$26.81	\$5,786
15.	High Capacity 1.544	\$145.57	\$236,252	\$16.76	\$217,964	\$45.83	\$101,935
16.	High Capacity 44.736	\$2,564.44	\$0	\$50.28	\$0	\$793.76	\$0
16.	SOCS OC3	\$1,858.20	\$0	\$168.93	\$0	\$1,423.82	\$0
16.	SOCS OC12	\$2,171.92	\$0	\$241.32	\$0	\$1,689.27	\$0
			\$383,034		\$265,733		\$157,696

## Sources:

<p>Cols (A), (C) and (E) = Page 10, Col (E)  Col (B) = Col (A) * Page 10, Col (B)  Col (D) = Col (C) * Page 10, Col (B)  Col (F) = Col (E) * Page 10, Col (B)</p>
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**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Special Access  
**Crossover Analysis**

OKLAHOMA PROPERTIES

**Voice Grade to Hi Cap DS1**

Config	Element	(A)	(B)
		Voice Grade 4 Wire	Hi-Cap 1.544 Mbps
2	CT	\$77.22	\$291.13
10	CMF	\$10.81	\$167.59
2	CMT	\$33.71	\$91.65
Total Config		\$121.74	\$550.37

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DS1 to VG 4W Crossover (Total Col (B) / Total Col (A))

4.52

Sources:

Col (A) = Config Column * VG4W Rates from Page 11
Col (B) = Config Column * Hi Cap 1.544 Rates from Page 11

**Transport Benchmark**

Config	Element	(A)	(B)
		DS1	DS3
1	CT	\$145.57	\$2,564.44
10	CMF	\$167.59	\$502.76
2	CMT	\$91.65	\$1,587.51
1	MUX	n/a	\$302.10
Total Config		\$404.80	\$4,956.81

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DS3 to DS1 Crossover (Total Col (B) / Total Col (A))

12.24

Sources:

Col (A) = Config Column * DS1 Rates from Page 11
Col (B) = Config Column * DS3 Rates from Page 11

**Calculation of Host-Remote / TIC Adjustment  
(FCC 97-158, 1st Report & Order, Para 220)**

	Before Host Remote Adj	After Host Remote Adj
TST Revenues Remote to Host	\$23,424	
TSF Revenues Remote to Host	\$47,807	
Total Revenues Remote to Host	\$71,231	
TST Remote/Host MOU TERM's	67,117,914	
TSF Remote/Host MOU/Miles	373,491,448	
Total Host-Remote Investment	\$1,371,320	
Total Interstate TS SW Rev Req	\$2,654,768	
Total Interstate TS SW TPIS	\$14,009,584	
Total Interstate TS SW Factor	0.189497	
Total Host-Remote Rev Req	\$259,861	
Total Shortfall going to TIC		\$188,630
TST Shortfall going to TIC		\$62,031
TSF Shortfall going to TIC		\$126,600
TST Rate adj for H-R		0.000395
TSF Rate adj for H-R		0.000124
Total Transport Rev Req (Ln 6h)	\$526,638	
Less: Direct Trunk Revenues	\$94,626	
Less: Entrance Facility Revenues	\$16,449	
Less: Tandem Switching Revenues	\$29,460	
Less: NRC Revenues	\$29,896	
Less: 800 DBQ Revenues	\$10,003	
Requirement from Common Tspt	\$346,204	
Total Common TST MOU Terms	157,134,880	
Total Common TSF MOU/Miles	1,020,981,909	
Initial TST rate (Ln 17 workpapers)	\$0.000349	
Initial TSF rate (Ln 18 workpapers)	\$0.000128	
Initial TST Revenues	\$54,840	
Initial TSF Revenues	\$130,686	
Initial total TST/TSF revenues	\$185,526	
Maximum TST rev req		\$102,336
Maximum TSF rev req		\$243,869
Maximum TST rate adj		\$0.000302
Maximum TSF rate adj		\$0.000111
Adj needed to TST Rate		0.000302
Adj needed to TSF Rate		0.000111

**ALLTEL Telephone Services Corporation**  
**Transport Interconnection Charge (TIC) Revenue Allocation**  
**Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 14**

OKLAHOMA PROPERTIES	Source	Revenue Requirement	% of Total	TIC Amount Reallocated
1. Common Line	TRP Form COS1-P Line 100 Less USF Contribution	\$5,063,096	71.71%	\$0
2. Local Switching	Volume 5, Page 4, Ln 1d	\$645,029	9.14%	\$0
3. Information	Volume 5, Page 4, Ln 7	\$2,521	0.04%	\$0
4. Transport Less TIC Revenue	ACR-1 Projected (Column I)	\$526,638	7.46%	\$0
5. Special Access	Volume 5, Page 9, Ln 8	\$823,125	11.66%	\$0
Total		\$7,060,409		
6. TIC Revenue July 00 - June 01	CABS Billing	\$0		
7. Projected TIC Revenues	Revised June 28, 2002 Annual Tariff Filing, Vol 5, Pg	\$0		
8. TIC to be allocated	Minimum CABS Billed or Projected	\$0		

**ALLTEL Telephone Services Corporation  
 Transport Interconnection Charge (TIC) Elimination  
 Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 15**

		Revenue Requirement	% of Total	TIC Amount Reallocated
OKLAHOMA PROPERTIES				
1.	Tandem Switching	Volume 5, Page 5, Line 18	\$29,460	7.84%
2.	Initial Tandem Switched Termination Revenue	Volume 5, Page 6, Lns 30 + 35	\$102,336	27.24%
3.	Initial Tandem Switched Facility Revenue	Volume 5, Page 6, Lns 31 + 36	\$243,869	64.92%
4.	Total		\$375,664	\$0
5.	TIC to be allocated to Transport Elements	Volume 5, Page 7, line 12	\$0	
6.	TIC Rate Adjustment - Tandem Switching	Ln 1 / Volume 5, Page 5, Line 19	0.000000	
7.	TIC Rate Adjustment - TST	Ln 2 / Volume 5, Page 5, Line 11	0.000000	
8.	TIC Rate Adjustment - TSF	Ln 3 / Volume 5, Page 5, Line 9	0.000000	

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Rate Development Summary**

**ALLTEL PENNSYLVANIA**

**End User**

End User - Multiline Business	\$5.70
End User - Single Line Business / Residential	\$5.70

**Carrier Common Line**

Premium Originating	N/A	NonPremium Originating	N/A
Premium Terminating	N/A	NonPremium Terminating	N/A

**Traffic Sensitive - Switched**

<b>Premium</b>		<b>NonPremium</b>	
Local Switching	0.004297	Local Switching	0.001934
Information Surcharge	0.000144	Information Surcharge	0.000065
TIC	0.000000	TIC	0.000000

**Tandem Switched**

Termination	0.000612
Facility	0.000157
Switching	0.001027

**Direct Trunked**

VG Termination	\$16.20
VG Facility	\$1.20
DS1 Termination	\$56.35
DS1 Facility	\$14.42
DS1 Multiplexing	\$149.70
DS3 Termination	\$1,009.58
DS3 Facility	\$94.43
DS3 Multiplexing	\$302.10

**Entrance Facility**

VG2W	\$21.60
VG4W	\$34.56
DS1	\$154.97
DS3	\$1,442.25

**Traffic Sensitive - Special**

Service	Channel		Channel Mileage
	Termination	Facility	Termination
Telegraph 2 Wire	\$34.34	\$0.39	\$12.88
Telegraph 4 Wire	\$42.92	\$0.39	\$12.88
Voice Grade 2 Wire	\$21.60	\$1.20	\$16.20
Voice Grade 4 Wire	\$34.56	\$1.20	\$16.20
Program Audio 3.5 khz	\$15.90	\$0.54	\$10.80
Program Audio 5.0 khz	\$24.00	\$0.60	\$15.00
Program Audio 8.0 khz	\$24.00	\$0.60	\$15.00
Program Audio 15 khz	\$24.00	\$0.60	\$15.00
Digital Data 2.4 Kbps	\$39.00	\$1.14	\$12.00
Digital Data 4.8 Kbps	\$39.00	\$1.14	\$12.00
Digital Data 9.6 Kbps	\$39.00	\$1.14	\$12.00
Digital Data 19.2 Kbps	\$39.00	\$1.14	\$12.00
Digital Data 56 Kbps	\$61.20	\$2.40	\$24.00
Digital Data 64 Kbps	\$61.20	\$2.40	\$24.00
High Capacity 1.544	\$154.97	\$14.42	\$56.35
High Capacity 44.736 Mbps	\$1,442.25	\$94.43	\$1,009.58

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

End User Rate Development

ALLTEL PENNSYLVANIA

Ln	End User Rate Development	Source	Amount
1.	BFP Revenue Requirement	Volume 2, Section 2	\$16,492,359
1a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 1	\$11,607
2.	Special Access Surchargeable Channels	Volume 4	21
3.	Special Access Surcharge Revenues	(Ln 2 * \$25)	\$525
4.	Adjusted BFP Revenue Requirement	(Ln 1 + 1a + 3)	\$16,503,441
5.	Test Period Mean Access Lines	Volume 4	241,486
6.	Annual Cost Per Line	Ln 4 / Ln 5	\$68.34
7.	Capped EUCL Multi-Line Rate		\$9.20
8.	Monthly Cost Per Line	Ln 6 / 12	\$5.70
9.	Monthly EUCL Multi-Line Rate	Smaller of Ln 7 or Ln 8	\$5.70
10.	Monthly EUCL Single Line Rate	Smaller of \$3.50 or Ln 9	\$5.70

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
 Switched Access  
**Nonrecurring Revenues**

ALLTEL PENNSYLVANIA

Ln	(A) Rate	(B) Test Period Demand	(C)=(A)*(B) Revenues	
1.	Switched Access Service Order, Miscellaneous Service Order and Interim NXX Translation	\$68.00	240	\$16,320
2.	Service Date Change, Design Change	\$18.00	0	\$0
3a.	Switched Access Trunk Conversion/Activation	\$112.00	0	\$0
3b.	Switched Access Installation Voice Grade 2 Wire	\$215.00	0	\$0
3c.	Switched Access Installation Voice Grade 4 Wire	\$215.00	0	\$0
3d.	Switched Access Installation High Capacity DS1	\$303.00	0	\$0
3e.	Switched Access Installation High Capacity DS3	\$333.00	0	\$0
4.	Presubscription	\$5.00	37,830	\$189,150
5.	Unauthorized PIC Change	\$30.00	0	\$0
6.	Total Non-Recurring Revenue Requirement			\$205,470

Sources:

Col (A) - Volume 3  
 Col (B) - Volume 4

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Local Switching Rate Development**

ALLTEL PENNSYLVANIA

Ln	Source	Quantity
1.	Local Switching Revenue Requirement (Includes Equal Access Revenue Requirement )	Volume 2, Section 1 \$2,172,738
1a.	SS7 Revenue Requirement	Volume 2, Section 1 \$84,997
1b.	plus: analog revenue requirement	\$0
1c.	less: DEM Weighting to be recovered through USF	\$0
1d.	Sub Total	Ln 1 + 1a + 1b - 1c \$2,257,734
1e.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 2 \$1,731
1f.	Adjusted Local Switching Revenue Requirement	Ln 1d - 1e \$2,259,465
2.	Premium Minutes of Use	Volume 4 525,823,556
3.	Non-Premium Minutes of Use	Volume 4 0
4.	Weighted Minutes	Ln 2 + (Ln 3 * 45%) 525,823,556
5.	Premium Local Switching Rate	(Ln 1g / Ln 4) 0.004297
6.	Non-Premium Local Switching Rate	(Ln 5 * 45%) 0.001934

**Information Surcharge Rate Development**

	Source	Quantity
7.	Information Surcharge Revenue Requirement	Volume 2, Section 1 \$75,618
7a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 3 \$58
7b.	Adjusted Information Surcharge Revenue Requirement	Ln 7 + 7a \$75,676
8.	Premium Minutes	Volume 4 525,823,556
9.	Non-Premium Minutes	Volume 4 0
10.	Weighted Minutes	Ln 8 + (Ln 9 * 45%) 525,823,556
11.	Prem Information Surcharge Rate per Minute	(Ln 7b / Ln 10) 0.000144
12.	NPrem Information Surcharge Rate per Minute	(Ln 11 * 45%) 0.000065

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Miscellaneous Data**

## ALLTEL PENNSYLVANIA

Ln	Source	Quantity	
1.	Local Switching MOUs	Page 4, Lns 2 + 3	525,823,556
2.	Pct of Local Switch MOU is Common Tspt MOU	Volume 4, Section 4	58%
3.	Common Transport MOUs	Ln 1 * Ln 2	304,977,662
4.	Total Comm. Tspt Avg Length of Haul (ALOH)	Volume 4, Section 4	11.64
5.	Remote to Host Tspt ALOH	Volume 4, Section 4	7.60
6.	Avg # of Total Terms per Comm. Tspt MOU	Volume 4, Section 4	1.80
7.	Avg # of Terms per Circuit		n/a
8.	Avg # of Remote Terms per Comm. Tspt MOU	Volume 4, Section 4	1.35
9.	Total Comm. Tspt MOU Miles	Ln 3 * Ln 4	3,549,939,991
10.	Total Remote-Host MOU Miles	Ln 3 * Ln 5	2,317,830,235
11.	Total Comm. Tspt Terms	Ln 3 * Ln 6	548,959,792
12.	Total Remote-Host Terms	Ln 3 * Ln 8	411,719,844
13.	Tandem Switch MOU % of Comm. Tspt MOU	Volume 4, Section 4	74%
14.	Tandem Switching MOU	Ln 3 * Ln 13	225,683,470

**Tandem Switching Rate Development**

Ln	Source	Quantity	
15.	Tandem Switching Revenue Requirement	Volume 2, Section 1	\$182,768
16.	plus: Tandem Switched Port Card Revenue Requirement		\$44,076
17.	plus: Tandem Switched Multiplexer Revenue Requirement		\$4,786
18.	Adjusted Rate Making Revenue Requirement		\$231,631
19.	Total Tandem Switching MOUs	Line 14	225,683,470
20.	Initial Tandem Switching Rate	Line 18/ Line 19	0.001026

**Tandem Switched Transport Rate Calculation**

22.	DS1 Dedicated Transport Termination Rate (DTT)	Page 10, Line 47, Col (E)	\$56.35
23.	DS1 Dedicated Transport Facility Rate (DTF)	Page 10, Line 21, Col (E)	\$14.42
24.	DS1 MOU per Voice Grade Equivalent	MOU * 24 VG Equiv	92,016
25.	Tandem Switched Term (TST) Initial Rate	Line 22/Line 24	0.000612
26.	Tandem Switched Facility (TSF) Initial Rate	Line 23/Line 24	0.000157
27.	Tandem Switched Term Adj - Host Remote	Host-Remote Worksheet	0.000000
28.	Tandem Switched Facility Adj - Host Remote	Host-Remote Worksheet	0.000000
29.	TST Rate Before TIC Elimination Adjustment	Line 25 + 27	0.000612
30.	TSF Rate Before TIC Elimination Adjustment	Line 26 + 28	0.000157

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Direct Trunked Transport Revenues**

## ALLTEL PENNSYLVANIA

Ln	Source	Quantity
1.	VG Dedicated Transport Termination Rate (DTT)	Page 10, Ln 36,Col(E) \$16.20
2.	VG Dedicated Transport Facility Rate (DTF)	Page 10, Ln 20,Col(E) \$1.20
3.	DS1 Dedicated Transport Termination Rate (DTT)	Page 5, Line 22 \$56.35
4.	DS1 Dedicated Transport Facility Rate (DTF)	Page 5, Line 23 \$14.42
5.	DS3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 48,Col(E) \$1,009.58
6.	DS3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 32,Col(E) \$94.43
6A.	OC3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 49,Col(E) \$1,425.56
6B.	OC3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 33,Col(E) \$172.80
6C.	OC12 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 50,Col(E) \$2,051.95
6D.	OC12 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 34,Col(E) \$280.79
7.	Direct Trunked VG Terminations	Forecast Demand 0
8.	Direct Trunked VG Miles	Vol 4, Sec 4 ALOH * Line 7 0
9.	Direct Trunked DS1 Terminations	Forecast Demand 4,961
10.	Direct Trunked DS1 Miles	Vol 4, Sec 4 ALOH * Line 9 36,091
11.	Direct Trunked DS3 Terminations	Forecast Demand 0
12.	Direct Trunked DS3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12A.	Direct Trunked OC3 Terminations	Forecast Demand 0
12B.	Direct Trunked OC3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12C.	Direct Trunked OC12 Terminations	Forecast Demand 0
12D.	Direct Trunked OC12 Miles	Vol 4, Sec 4 ALOH * Line 11 0
13.	Direct Trunked Termination Revenues	\$279,567
14.	Direct Trunked Facility Revenues	\$520,521
15.	DS1 to Voice Mux	Volume 4, Section 3 0
16.	DS3 to DS1 Mux	Volume 4, Section 3 0
17.	Multiplexing Revenue	(Ln 16 * Pg 9,Ln19)+(Ln 17*Pg 9,Ln 24) \$0
18.	Total Direct Trunked Transport Revenues	(Ln 13+Ln14+Ln 17) <u>\$800,088</u>

**Entrance Facility Revenues**

19.	VG2W Entrance Facility Rate	Page 10, Ln 3,Col(E) \$21.60
20.	VG4W Entrance Facility Rate	Page 10, Ln 4,Col(E) \$34.56
21.	DS1 Entrance Facility Rate	Page 10, Ln 15,Col(E) \$154.97
22.	DS3 Entrance Facility Rate	Page 10, Ln 16,Col(E) \$1,442.25
22A.	OC3 Entrance Facility Rate	Page 10, Ln 17,Col(E) \$1,987.15
22B.	OC12 Entrance Facility Rate	Page 10, Ln 18,Col(E) \$2,181.54
23.	VG 2W Entrance Facilities	Forecast Demand 0
24.	VG 4W Entrance Facilities	Forecast Demand 0
25.	DS1 Entrance Facilities	Forecast Demand 625
26.	DS3 Entrance Facilities	Forecast Demand 0
26A.	OC3 Entrance Facilities	Forecast Demand 0
26B.	OC12 Entrance Facilities	Forecast Demand 0
27.	Total Entrance Facility Revenues	(Ln20*Ln24+Ln21*Ln25+Ln 22*Ln26+Ln19*Ln23+Ln 22A*Ln26A+Ln22B*Ln26B) <u>\$96,857</u>

**Tandem Switched Transport Revenues**

28.	Term MOUs - Remote to Host	Page 5, Ln 12 411,719,844
29.	MOU Miles - Remote to Host	Page 5,Ln 10 2,317,830,235
30.	TST Revenues Remote to Host	Ln 28 * Pg5, Ln 29 \$251,973
31.	TSF Revenues Remote to Host	Ln 29 * Page 5, Ln 30 \$363,899
32.	Total Revenues Remote to Host	Line 31+Line 32 <u>\$615,872</u>
33.	Term MOUs - End Office/Host	Page 5, Ln11-Page 5, Ln12 137,239,948
34.	MOU Miles - End Office/Host	Page 5, Ln9-Page 5, Ln10 1,232,109,756
35.	TST Revenues from End Office/Host	Ln33 * Page 5, Ln 29 \$83,991
36.	TSF Revenues from End Office/Host	Ln34 * Page 5, Ln 30 \$193,441
37.	Total Revenues from End Office/Host	Line 35+Line 36 <u>\$277,432</u>
38.	Total Tandem Switched Transport Revenues	Line 32+Line 37 <u>\$893,304</u>

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access

**800 Data Base Query Revenues**

ALLTEL PENNSYLVANIA

Ln	Source	Quantity
1.	Basic Query Charge per Query SCP Tariff Rate	0.001
2.	Total Basic Queries Volume 4 Section 5	72,810,395
3.	Enhanced Query Charge per Query SCP Tariff Rate	0.0012
4.	Total Enhanced Queries Volume 4 Section 5	0
5.	Total 800 Data Base Revenues Ln 1 * Ln 2 + Ln 3 * Ln 4	<u>\$72,810</u>

**Transport Interconnection Charge (TIC) Calculation**

Ln	Source	Quantity
6a.	Transport Revenue Requirement Volume 2, Section 1	\$2,321,405
	Revenue Requirement Adjustment	
6b.	Single Bill Settlement, Receivable Volume 3, Page 10	\$0
6c.	Single Bill Settlement, Payable Volume 3, Page 10	<u>\$0</u>
6d.	Net Settlement Volume 3, Page 10	\$0
6e.	Analog Revenue Requirement	\$0
6f.	Rate Making Revenue Requirement L6a+L6d-6e	<u>\$2,321,405</u>
7.	Total Direct Trunked Revenues Page 6, Line 18	\$800,088
8.	Total Entrance Facility Revenues Page 6, Line 27	\$96,857
8a.	Initial Tandem Switching Revenues Page 5, Line 18	\$231,631
9.	Initial Tandem Switched Transport Revenues Page 6, Line 39	\$893,304
10.	Total NRC Revenues Page 3, Line 6	\$205,470
11.	800 Data Base Query Revenues Line 5	\$72,810
11a.	Less: TIC Allocation to Common Line Page 2, Line 1b	\$11,607
11b.	Less: TIC Allocation to Local Switching Page 4, Line 1f	\$1,731
11c.	Less: TIC Allocation to Information Surcharge Page 4, Line 7a	\$58
11d.	Less: TIC Allocation to Special Access Page 9, Line 12a	\$7,062
12.	TIC to be allocated to Transport Elements Ln 6f-(Sum Lns 7 thru 11d)	\$787
12a.	TIC Rate Adjustment to TST TIC Elimination Worksheet	0.000000
12b.	TIC Rate Adjustment to TSF TIC Elimination Worksheet	0.000000
12c.	TIC Rate Adjustment to Tandem Switching TIC Elimination Worksheet	0.000001
12d.	Additional TST Revenue Ln 12a * Page 5, Ln 11	\$235
12e.	Additional TSF Revenue Ln 12b * Page 5, Ln 9	\$390
12f.	Additional Tandem Switching Revenue Ln 12c * Page 5, Ln 19	\$162
12g.	TIC after TST,TSF, Tandem Switching Adjustments Ln 12 - 12d - 12e - 12f	\$-0
12h.	Final TST Rate Ln 12a + Page 5, Ln 29	0.000612
12i.	Final TSF Rate Ln 12b + Page 5, Ln 30	0.000157
12j.	Final Tandem Switching Rate Ln 12c + Page 5, Ln 20	0.001027
13.	Total Premium Local Switching MOUs Page 4, Line 2	525,823,556
14.	Total Non-Premium Local Switching MOUs Page 4, Line 3	<u>0</u>
15.	Total Weighted MOUs Line 13 + Line 14 *45%	525,823,556
16.	Premium TIC Line 12g / Line 15	0.000000
17.	Non-Premium TIC Line 16 * 45%	0.000000

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access**  
**Nonrecurring Revenues**

## ALLTEL PENNSYLVANIA

Ln		(A) NRC Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Installation/Provisions			
1.	Telegraph 2W/4W	\$196.00	0	\$0
2.	Voice Grade 2W/4W	\$215.00	18	\$3,870
3.	Program Audio	\$190.00	0	\$0
4.	Digital Data	\$140.00	81	\$11,340
5.	High Capacity 1.544	\$303.00	507	\$153,621
6.	High Capacity 44.736	\$333.00	15	\$4,995
7.	ADSL Access Port	\$99.95	0	\$0
8.	ADSL Logical Link	\$19.95	6	\$120
9.	ADSL Network Access Link - DS1	\$499.95	0	\$0
9.	ADSL Network Access Link - DS3	\$700.00	0	\$0
	<u>Orders</u>			
10.	Special Access Orders	\$68.00	366	\$24,888
11.	Date Change / Design Change	\$18.00	0	\$0
12.	Total NRC Revenues			<u>\$198,834</u>

## Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**Optional Feature and Function Revenues**

Ln	Feature	(A) Monthly OFF Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Bridging	\$5.80	132	\$766
2.	C-Conditioning	\$19.30	24	\$463
3.	Data Conditioning	\$19.30	132	\$2,548
4.	Improved Return Loss 2W/4W	\$18.50	96	\$1,776
5.	Signaling Capability	\$2.70	291	\$786
6.	Customer Specified Receive Level	\$12.70	351	\$4,458
7.	Digital Data Channel Service Unit 9.6 Kbps	\$24.20	0	\$0
8.	Selective Signaling Arrangement	\$18.50	0	\$0
9.	Multiplexing DS1 to Voice	\$149.70	108	\$16,168
10.	Multiplexing DS1 to DSO	\$149.70	0	\$0
11.	Improved Termination Option, per CT 2 Wire	\$10.98	0	\$0
12.	Improved Termination Option, per CT 4 Wire	\$10.98	0	\$0
13.	Program Audio Conditioning - zero loss	\$12.00	0	\$0
14.	Multiplexing DS3 to DS1	\$302.10	51	\$15,407
15.	ADSL Access Port 1	\$29.95	60,198	\$1,802,930
16.	ADSL Access Port 2	\$59.95	2,362	\$141,602
17.	ADSL Access Port 3	\$119.95	4,082	\$489,636
18.	ADSL Additional Logical Link	\$19.95	0	\$0
19.	ADSL Network Access Link - Per DS1	\$399.95	114	\$45,594
20.	ADSL Network Access Link - Per DS3	\$2,950.00	0	\$0
21.	ADSL Additional Logical Access Link Blocks	\$99.95	30	\$2,999
22.	Total Optional Special Access Revenues			<u>\$2,525,131</u>

## Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access**  
**ICB Revenues**

ALLTEL PENNSYLVANIA

Ln	Rate Element	Source	Test Period
1.	Channel Termination ICB Revenues	Volume 3	\$0
2.	Channel Mileage Facility ICB Revenues	Volume 3	\$0
3.	Channel Mileage Termination ICB Revenues	Volume 3	\$0
4.	Total ICB Revenues (Ln 6 * Ln 7)		\$0

**Special Access Revenue Requirement Adjustment**

5.	Single Bill Settlement , Receivable	Volume 3	\$0
6.	Single Bill Settlement , Payable	Volume 3	\$0
7.	Single Bill Settlement , Net Adjustment	Line 5+ Line 6	\$0

**Revenue Requirement**

	Source		
8.	Total Special Access Rev Req	Volume 2, Section 1	\$9,210,405
9.	(+)/(-) Single Bill Settlement Adjustment	Line 7	\$0
10.	Less: Nonrecurring Charge Revs	Page 8, Line 12	(\$198,834)
11.	Less: Optional Feature & Function Revs	Page 8, Line 21	(\$2,525,131)
12.	Less: ICB revenues	Line 4	\$-0
12a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 5	\$7,062
13.	Total Rate Making Rev Req	Sum (Lines 8 thru 12a)	\$6,493,503

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access**

ALLTEL PENNSYLVANIA

Ln	Channel Termination	(A) Index	(B) Test Period Demand	(C)=A*B Annualized Weighted Demand	(D) CT Rev Req	(E) CT Rate
1	Telegraph 2 Wire	1.5898	0	0		\$34.34
2	Telegraph 4 Wire	1.9873	0	0		\$42.92
3	Voice Grade 2 Wire	1.0000	1,109	1,109		\$21.60
4	Voice Grade 4 Wire	1.6000	2,232	3,571		\$34.56
5	Program Audio 3.5 khz	0.7361	90	66		\$15.90
6	Program Audio 5.0 khz	1.1111	0	0		\$24.00
7	Program Audio 8.0 khz	1.1111	0	0		\$24.00
8	Program Audio 15 khz	1.1111	0	0		\$24.00
9	Digital Data 2.4 Kbps	1.8056	0	0		\$39.00
10	Digital Data 4.8 Kbps	1.8056	0	0		\$39.00
11	Digital Data 9.6 Kbps	1.8056	309	558		\$39.00
12	Digital Data 19.2 Kbps	1.8056	0	0		\$39.00
13	Digital Data 56 Kbps	2.8333	9,141	25,900		\$61.20
14	Digital Data 64 Kbps	2.8333	489	1,386		\$61.20
15	High Capacity 1.54 Mbps	7.1747	15,576	111,754		\$154.97
16	High Capacity 44.746	66.7727	162	10,817		\$1,442.25
17	SOCS OC3	92.0000	0	0		\$1,987.15
18	SOCS OC12	101.0000	0	0		\$2,181.54
			<u>29,108</u>	<u>155,160</u>		

CMF  
Rate

Ln	Channel Mileage Facility	(A)	(B)	(C)=A*B	(D)	(E)
19	Telegraph	0.0179	0	0		\$0.39
20	Voice Grade	0.0556	18,986	1,055		\$1.20
21	Program Audio 3.5 khz	0.0250	0	0		\$0.54
22	Program Audio 5.0 khz	0.0278	0	0		\$0.60
23	Program Audio 8.0 khz	0.0278	0	0		\$0.60
24	Program Audio 15 khz	0.0278	0	0		\$0.60
25	Digital Data 2.4 Kbps	0.0528	0	0		\$1.14
26	Digital Data 4.8 Kbps	0.0528	0	0		\$1.14
27	Digital Data 9.6 Kbps	0.0528	3,298	174		\$1.14
28	Digital Data 19.2 Kbps	0.0528	0	0		\$1.14
29	Digital Data 56 Kbps	0.1111	80,354	8,928		\$2.40
30	Digital Data 64 Kbps	0.1111	4,299	478		\$2.40
31	High Capacity 1.544	0.6677	113,314	75,663		\$14.42
32	High Capacity 44.736	4.3720	969	4,235		\$94.43
33	SOCS OC3	8.0000	0	0		\$172.80
34	SOCS OC12	13.0000	0	0		\$280.79
			<u>221,219</u>	<u>90,533</u>		

CMT  
Rate

Ln	Channel Mileage Termination	(A)	(B)	(C)=A*B	(D)	(E)
35	Telegraph	0.5962	0	0		\$12.88
36	Voice Grade	0.7500	2,453	1,839		\$16.20
37	Program Audio 3.5 khz	0.5000	0	0		\$10.80
38	Program Audio 5.0 khz	0.6944	0	0		\$15.00
39	Program Audio 8.0 khz	0.6944	0	0		\$15.00
40	Program Audio 15 khz	0.6944	0	0		\$15.00
41	Digital Data 2.4 Kbps	0.5556	0	0		\$12.00
42	Digital Data 4.8 Kbps	0.5556	0	0		\$12.00
43	Digital Data 9.6 Kbps	0.5556	294	163		\$12.00
44	Digital Data 19.2 Kbps	0.5556	0	0		\$12.00
45	Digital Data 56 Kbps	1.1111	8,842	9,824		\$24.00
46	Digital Data 64 Kbps	1.1111	473	526		\$24.00
47	High Capacity 1.544	2.6090	14,428	37,642		\$56.35
48	High Capacity 44.736 Mbps	46.7409	106	4,945		\$1,009.58
49	SOCS OC3	66.0000	0	0		\$1,425.56
50	SOCS OC12	95.0000	0	0		\$2,051.95
			<u>26,595</u>	<u>54,940</u>		
			<u>300,633</u>	<u>\$6,493,503</u>		

Col (A) = Volume 3  
Col (B) = Volume 4, Section 4  
Col (C) = Col (A) \* Col (B) Col (C) Total  
Col (D) = Page 9, Line 13

**ALLTEL Telephone Services Corporation**  
**2002 Annual Tariff Filing, Revised June 28, 2002**

**Special Access**  
**Calculation of Recurring Special Access Revenues**

## ALLTEL PENNSYLVANIA

Ln	Service	(A) CT Rate	(B) CT Revenue	(C) CMF Rate	(D) CMF Revenue*	(E) CMT Rate	(F) CMT Revenue*
1.	Telegraph 2 Wire	\$34.34	\$0				
2.	Telegraph 4 Wire	\$42.92	\$0	\$0.39	\$0	\$12.88	\$0
3.	Voice Grade 2 Wire	\$21.60	\$23,954				
4.	Voice Grade 4 Wire	\$34.56	\$77,136	\$1.20	\$22,782	\$16.20	\$39,729
5.	Program Audio 3.5 khz	\$15.90	\$1,431	\$0.54	\$0	\$10.80	\$0
6.	Program Audio 5.0 khz	\$24.00	\$0	\$0.60	\$0	\$15.00	\$0
7.	Program Audio 8.0 khz	\$24.00	\$0	\$0.60	\$0	\$15.00	\$0
8.	Program Audio 15 khz	\$24.00	\$0	\$0.60	\$0	\$15.00	\$0
9.	Digital Data 2.4 Kbps	\$39.00	\$0	\$1.14	\$0	\$12.00	\$0
10.	Digital Data 4.8 Kbps	\$39.00	\$0	\$1.14	\$0	\$12.00	\$0
11.	Digital Data 9.6 Kbps	\$39.00	\$12,051	\$1.14	\$3,760	\$12.00	\$3,528
12.	Digital Data 19.2 Kbps	\$39.00	\$0	\$1.14	\$0	\$12.00	\$0
13.	Digital Data 56 Kbps	\$61.20	\$559,415	\$2.40	\$192,845	\$24.00	\$212,202
14.	Digital Data 64 Kbps	\$61.20	\$29,926	\$2.40	\$10,316	\$24.00	\$11,352
15.	High Capacity 1.544	\$154.97	\$2,413,820	\$14.42	\$1,634,276	\$56.35	\$813,044
16.	High Capacity 44.736	\$1,442.25	\$233,645	\$94.43	\$91,483	\$1,009.58	\$106,809
16.	SOCS OC3	\$1,987.15	\$0	\$172.80	\$0	\$1,425.56	\$0
16.	SOCS OC12	\$2,181.54	\$0	\$280.79	\$0	\$2,051.95	\$0
			<u>\$3,351,377</u>		<u>\$1,955,462</u>		<u>\$1,186,665</u>

## Sources:

Cols (A), (C) and (E) = Page 10, Col (E) Col (B) = Col (A) * Page 10, Col (B) Col (D) = Col (C) * Page 10, Col (B) Col (F) = Col (E) * Page 10, Col (B)
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**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

Special Access  
**Crossover Analysis**

ALLTEL PENNSYLVANIA

**Voice Grade to Hi Cap DS1**

Config	Element	(A)	(B)
		Voice Grade 4 Wire	Hi-Cap 1.544 Mbps
2	CT	\$69.12	\$309.94
10	CMF	\$12.00	\$144.23
2	CMT	\$32.40	\$112.71
Total Config		\$113.52	\$566.87

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DS1 to VG 4W Crossover (Total Col (B) / Total Col (A)) 4.99

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Sources:

Col (A) = Config Column * VG4W Rates from Page 11
Col (B) = Config Column * Hi Cap 1.544 Rates from Page 11

**Transport Benchmark**

Config	Element	(A)	(B)
		DS1	DS3
1	CT	\$154.97	\$1,442.25
10	CMF	\$144.23	\$944.33
2	CMT	\$112.71	\$2,019.15
1	MUX	n/a	\$302.10
Total Config		\$411.90	\$4,707.84

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DS3 to DS1 Crossover (Total Col (B) / Total Col (A)) 11.43

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Sources:

Col (A) = Config Column * DS1 Rates from Page 11
Col (B) = Config Column * DS3 Rates from Page 11

**Calculation of Host-Remote / TIC Adjustment  
(FCC 97-158, 1st Report & Order, Para 220)**

	Before Host Remote Adj	After Host Remote Adj
TST Revenues Remote to Host	\$251,973	
TSF Revenues Remote to Host	\$363,899	
Total Revenues Remote to Host	\$615,872	
TST Remote/Host MOU TERM's	411,719,844	
TSF Remote/Host MOU/Miles	2,317,830,235	
Total Host-Remote Investment	\$2,949,342	
Total Interstate TS SW Rev Req	\$4,654,757	
Total Interstate TS SW TPIS	\$25,181,003	
Total Interstate TS SW Factor	0.184852	
Total Host-Remote Rev Req	\$545,192	
Total Shortfall going to TIC		\$0
TST Shortfall going to TIC		\$0
TSF Shortfall going to TIC		\$0
TST Rate adj for H-R		0.000000
TSF Rate adj for H-R		0.000000
Total Transport Rev Req (Ln 6h)	\$2,321,405	
Less: Direct Trunk Revenues	\$800,088	
Less: Entrance Facility Revenues	\$96,857	
Less: Tandem Switching Revenues	\$231,631	
Less: NRC Revenues	\$205,470	
Less: 800 DBQ Revenues	\$72,810	
Requirement from Common Tspt	\$914,549	
Total Common TST MOU Terms	548,959,792	
Total Common TSF MOU/Miles	3,549,939,991	
Initial TST rate (Ln 17 workpapers)	\$0.000612	
Initial TSF rate (Ln 18 workpapers)	\$0.000157	
Initial TST Revenues	\$335,963	
Initial TSF Revenues	\$557,341	
Initial total TST/TSF revenues	\$893,304	
Maximum TST rev req		\$343,954
Maximum TSF rev req		\$570,596
Maximum TST rate adj		\$0.000015
Maximum TSF rate adj		\$0.000004
Adj needed to TST Rate		0.000000
Adj needed to TSF Rate		0.000000

**ALLTEL Telephone Services Corporation**  
**Transport Interconnection Charge (TIC) Revenue Allocation**  
**Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 14**

ALLTEL PENNSYLVANIA	Source	Revenue Requirement	% of Total	TIC Amount Reallocated
1. Common Line	TRP Form COS1-P Line 100 Less USF Contribution	\$15,137,017	52.23%	\$11,607
2. Local Switching	Volume 5, Page 4, Ln 1d	\$2,257,734	7.79%	\$1,731
3. Information	Volume 5, Page 4, Ln 7	\$75,618	0.26%	\$58
4. Transport Less TIC Revenue	ACR-1 Projected (Column I)	\$2,299,184	7.93%	\$1,763
5. Special Access Total	Volume 5, Page 9, Ln 8	\$9,210,405 \$28,979,959	31.78%	\$7,062
6. TIC Revenue July 00 - June 01	CABS Billing	\$467,485		
7. Projected TIC Revenues	Revised June 28, 2002 Annual Tariff Filing, Vol 5, Pg	\$22,221		
8. TIC to be allocated	Minimum CABS Billed or Projected	\$22,221		

**ALLTEL Telephone Services Corporation  
 Transport Interconnection Charge (TIC) Elimination  
 Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 15**

		Revenue Requirement	% of Total	TIC Amount Reallocated
ALLTEL PENNSYLVANIA	Source			
1. Tandem Switching	Volume 5, Page 5, Line 18	\$231,631	20.59%	\$162
2. Initial Tandem Switched Termination Revenue	Volume 5, Page 6, Lns 30 + 35	\$335,963	29.87%	\$235
3. Initial Tandem Switched Facility Revenue	Volume 5, Page 6, Lns 31 + 36	\$557,341	49.54%	\$390
4. Total		\$1,124,935		
5. TIC to be allocated to Transport Elements	Volume 5, Page 7, line 12	\$787		
6. TIC Rate Adjustment - Tandem Switching	Ln 1 / Volume 5, Page 5, Line 19	0.000001		
7. TIC Rate Adjustment - TST	Ln 2 / Volume 5, Page 5, Line 11	0.000000		
8. TIC Rate Adjustment - TSF	Ln 3 / Volume 5, Page 5, Line 9	0.000000		

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Rate Development Summary**

**ALLTEL SOUTH CAROLINA**

**End User**

End User - Multiline Business	\$7.28
End User - Single Line Business / Residential	\$6.00

**Carrier Common Line**

Premium Originating	N/A	NonPremium Originating	N/A
Premium Terminating	N/A	NonPremium Terminating	N/A

**Traffic Sensitive - Switched**

<b>Premium</b>		<b>NonPremium</b>	
Local Switching	0.005183	Local Switching	0.002332
Information Surcharge	0.000336	Information Surcharge	0.000151
TIC	0.000000	TIC	0.000000

**Tandem Switched**

Termination	0.000887
Facility	0.000305
Switching	0.000000

**Direct Trunked**

VG Termination	\$15.18
VG Facility	\$1.12
DS1 Termination	\$66.73
DS1 Facility	\$21.91
DS1 Multiplexing	\$149.70
DS3 Termination	\$736.04
DS3 Facility	\$89.06
DS3 Multiplexing	\$302.10

**Entrance Facility**

VG2W	\$20.24
VG4W	\$32.39
DS1	\$122.09
DS3	\$2,150.90

**Traffic Sensitive - Special**

Service	Channel		Channel Mileage
	Termination	Facility	Termination
Telegraph 2 Wire	\$22.49	\$2.65	\$2.78
Telegraph 4 Wire	\$30.92	\$2.65	\$2.78
Voice Grade 2 Wire	\$20.24	\$1.12	\$15.18
Voice Grade 4 Wire	\$32.39	\$1.12	\$15.18
Program Audio 3.5 khz	\$14.90	\$0.51	\$10.12
Program Audio 5.0 khz	\$22.49	\$0.56	\$14.06
Program Audio 8.0 khz	\$22.49	\$0.56	\$14.06
Program Audio 15 khz	\$22.49	\$0.56	\$14.06
Digital Data 2.4 Kbps	\$36.55	\$1.07	\$11.24
Digital Data 4.8 Kbps	\$36.55	\$1.07	\$11.24
Digital Data 9.6 Kbps	\$36.55	\$1.07	\$11.24
Digital Data 19.2 Kbps	\$36.55	\$1.07	\$11.24
Digital Data 56 Kbps	\$57.35	\$2.25	\$22.49
Digital Data 64 Kbps	\$57.35	\$2.25	\$22.49
High Capacity 1.544	\$122.09	\$21.91	\$66.73
High Capacity 44.736 Mbps	\$2,150.90	\$89.06	\$736.04

**ALLTEL Telephone Services Corporation**  
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End User Rate Development

ALLTEL SOUTH CAROLINA

Ln	End User Rate Development	Source	Amount
1.	BFP Revenue Requirement	Volume 2, Section 2	\$5,235,663
1a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 1	\$94,330
2.	Special Access Surchargeable Channels	Volume 4	0
3.	Special Access Surcharge Revenues	(Ln 2 * \$25)	\$0
4.	Adjusted BFP Revenue Requirement	(Ln 1 + 1a + 3)	\$5,329,994
5.	Test Period Mean Access Lines	Volume 4	60,989
6.	Annual Cost Per Line	Ln 4 / Ln 5	\$87.39
7.	Capped EUCL Multi-Line Rate		\$9.20
8.	Monthly Cost Per Line	Ln 6 / 12	\$7.28
9.	Monthly EUCL Multi-Line Rate	Smaller of Ln 7 or Ln 8	\$7.28
10.	Monthly EUCL Single Line Rate	Smaller of \$3.50 or Ln 9	\$6.00

**ALLTEL Telephone Services Corporation**  
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Traffic Sensitive Rate Development  
 Switched Access  
**Nonrecurring Revenues**

ALLTEL SOUTH CAROLINA

Ln	(A) Rate	(B) Test Period Demand	(C)=(A)*(B) Revenues	
1.	Switched Access Service Order, Miscellaneous Service Order and Interim NXX Translation	\$68.00	17	\$1,156
2.	Service Date Change, Design Change	\$18.00	0	\$0
3a.	Switched Access Trunk Conversion/Activation	\$112.00	0	\$0
3b.	Switched Access Installation Voice Grade 2 Wire	\$215.00	0	\$0
3c.	Switched Access Installation Voice Grade 4 Wire	\$215.00	0	\$0
3d.	Switched Access Installation High Capacity DS1	\$303.00	0	\$0
3e.	Switched Access Installation High Capacity DS3	\$333.00	0	\$0
4.	Presubscription	\$5.00	8,849	\$44,245
5.	Unauthorized PIC Change	\$30.00	0	\$0
6.	Total Non-Recurring Revenue Requirement			\$45,401

Sources:

Col (A) - Volume 3

Col (B) - Volume 4

**ALLTEL Telephone Services Corporation**  
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Traffic Sensitive Rate Development  
Switched Access  
**Local Switching Rate Development**

## ALLTEL SOUTH CAROLINA

Ln	Source	Quantity
1.	Local Switching Revenue Requirement (Includes Equal Access Revenue Requirement )	Volume 2, Section 1 \$796,186
1a.	SS7 Revenue Requirement	Volume 2, Section 1 \$18,257
1b.	plus: analog revenue requirement	\$0
1c.	less: DEM Weighting to be recovered through USF	\$0
1d.	Sub Total	Ln 1 + 1a + 1b - 1c \$814,442
1e.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 2 \$15,757
1f.	Adjusted Local Switching Revenue Requirement	Ln 1d - 1e \$830,199
2.	Premium Minutes of Use	Volume 4 160,164,292
3.	Non-Premium Minutes of Use	Volume 4 0
4.	Weighted Minutes	Ln 2 + (Ln 3 * 45%) 160,164,292
5.	Premium Local Switching Rate	(Ln 1g / Ln 4) 0.005183
6.	Non-Premium Local Switching Rate	(Ln 5 * 45%) 0.002332

**Information Surcharge Rate Development**

	Source	Quantity
7.	Information Surcharge Revenue Requirement	Volume 2, Section 1 \$52,742
7a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 3 \$1,020
7b.	Adjusted Information Surcharge Revenue Requirement	Ln 7 + 7a \$53,763
8.	Premium Minutes	Volume 4 160,164,292
9.	Non-Premium Minutes	Volume 4 0
10.	Weighted Minutes	Ln 8 + (Ln 9 * 45%) 160,164,292
11.	Prem Information Surcharge Rate per Minute	(Ln 7b / Ln 10) 0.000336
12.	NPrem Information Surcharge Rate per Minute	(Ln 11 * 45%) 0.000151

**ALLTEL Telephone Services Corporation**  
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Traffic Sensitive Rate Development  
Switched Access  
**Miscellaneous Data**

## ALLTEL SOUTH CAROLINA

Ln	Source	Quantity	
1.	Local Switching MOUs	Page 4, Lns 2 + 3	160,164,292
2.	Pct of Local Switch MOU is Common Tspt MOU	Volume 4, Section 4	73%
3.	Common Transport MOUs	Ln 1 * Ln 2	116,919,933
4.	Total Comm. Tspt Avg Length of Haul (ALOH)	Volume 4, Section 4	2.94
5.	Remote to Host Tspt ALOH	Volume 4, Section 4	1.05
6.	Avg # of Total Terms per Comm. Tspt MOU	Volume 4, Section 4	1.36
7.	Avg # of Terms per Circuit		n/a
8.	Avg # of Remote Terms per Comm. Tspt MOU	Volume 4, Section 4	0.44
9.	Total Comm. Tspt MOU Miles	Ln 3 * Ln 4	343,744,603
10.	Total Remote-Host MOU Miles	Ln 3 * Ln 5	122,765,930
11.	Total Comm. Tspt Terms	Ln 3 * Ln 6	159,011,109
12.	Total Remote-Host Terms	Ln 3 * Ln 8	51,444,771
13.	Tandem Switch MOU % of Comm. Tspt MOU	Volume 4, Section 4	0%
14.	Tandem Switching MOU	Ln 3 * Ln 13	0

**Tandem Switching Rate Development**

Ln	Source	Quantity	
15.	Tandem Switching Revenue Requirement	Volume 2, Section 1	\$0
16.	plus: Tandem Switched Port Card Revenue Requirement		\$0
17.	plus: Tandem Switched Multiplexer Revenue Requirement		\$0
18.	Adjusted Rate Making Revenue Requirement		\$0
19.	Total Tandem Switching MOUs	Line 14	0
20.	Initial Tandem Switching Rate	Line 18/ Line 19	none

**Tandem Switched Transport Rate Calculation**

22.	DS1 Dedicated Transport Termination Rate (DTT)	Page 10, Line 47, Col (E)	\$66.73
23.	DS1 Dedicated Transport Facility Rate (DTF)	Page 10, Line 21, Col (E)	\$21.91
24.	DS1 MOU per Voice Grade Equivalent	MOU * 24 VG Equiv	186,096
25.	Tandem Switched Term (TST) Initial Rate	Line 22/Line 24	0.000359
26.	Tandem Switched Facility (TSF) Initial Rate	Line 23/Line 24	0.000118
27.	Tandem Switched Term Adj - Host Remote	Host-Remote Worksheet	0.000269
28.	Tandem Switched Facility Adj - Host Remote	Host-Remote Worksheet	0.000098
29.	TST Rate Before TIC Elimination Adjustment	Line 25 + 27	0.000628
30.	TSF Rate Before TIC Elimination Adjustment	Line 26 + 28	0.000216

**ALLTEL Telephone Services Corporation**  
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Traffic Sensitive Rate Development  
Switched Access  
**Direct Trunked Transport Revenues**

## ALLTEL SOUTH CAROLINA

Ln	Source	Quantity
1.	VG Dedicated Transport Termination Rate (DTT)	Page 10, Ln 36,Col(E) \$15.18
2.	VG Dedicated Transport Facility Rate (DTF)	Page 10, Ln 20,Col(E) \$1.12
3.	DS1 Dedicated Transport Termination Rate (DTT)	Page 5, Line 22 \$66.73
4.	DS1 Dedicated Transport Facility Rate (DTF)	Page 5, Line 23 \$21.91
5.	DS3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 48,Col(E) \$736.04
6.	DS3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 32,Col(E) \$89.06
6A.	OC3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 49,Col(E) \$1,315.66
6B.	OC3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 33,Col(E) \$141.69
6C.	OC12 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 50,Col(E) \$1,518.07
6D.	OC12 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 34,Col(E) \$222.65
7.	Direct Trunked VG Terminations	Forecast Demand 0
8.	Direct Trunked VG Miles	Vol 4, Sec 4 ALOH * Line 7 0
9.	Direct Trunked DS1 Terminations	Forecast Demand 443
10.	Direct Trunked DS1 Miles	Vol 4, Sec 4 ALOH * Line 9 1,094
11.	Direct Trunked DS3 Terminations	Forecast Demand 0
12.	Direct Trunked DS3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12A.	Direct Trunked OC3 Terminations	Forecast Demand 0
12B.	Direct Trunked OC3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12C.	Direct Trunked OC12 Terminations	Forecast Demand 0
12D.	Direct Trunked OC12 Miles	Vol 4, Sec 4 ALOH * Line 11 0
13.	Direct Trunked Termination Revenues	\$29,561
14.	Direct Trunked Facility Revenues	\$23,977
15.	DS1 to Voice Mux	Volume 4, Section 3 0
16.	DS3 to DS1 Mux	Volume 4, Section 3 0
17.	Multiplexing Revenue	(Ln 16 * Pg 9,Ln19)+(Ln 17*Pg 9,Ln 24) \$0
18.	Total Direct Trunked Transport Revenues	(Ln 13+Ln14+Ln 17) <u>\$53,538</u>

**Entrance Facility Revenues**

19.	VG2W Entrance Facility Rate	Page 10, Ln 3,Col(E) \$20.24
20.	VG4W Entrance Facility Rate	Page 10, Ln 4,Col(E) \$32.39
21.	DS1 Entrance Facility Rate	Page 10, Ln 15,Col(E) \$122.09
22.	DS3 Entrance Facility Rate	Page 10, Ln 16,Col(E) \$2,150.90
22A.	OC3 Entrance Facility Rate	Page 10, Ln 17,Col(E) \$1,720.48
22B.	OC12 Entrance Facility Rate	Page 10, Ln 18,Col(E) \$1,922.89
23.	VG 2W Entrance Facilities	Forecast Demand 0
24.	VG 4W Entrance Facilities	Forecast Demand 0
25.	DS1 Entrance Facilities	Forecast Demand 75
26.	DS3 Entrance Facilities	Forecast Demand 0
26A.	OC3 Entrance Facilities	Forecast Demand 0
26B.	OC12 Entrance Facilities	Forecast Demand 0
27.	Total Entrance Facility Revenues	(Ln20*Ln24+Ln21*Ln25+Ln 22*Ln26+Ln19*Ln23+Ln 22A*Ln26A+Ln22B*Ln26B) <u>\$9,157</u>

**Tandem Switched Transport Revenues**

28.	Term MOUs - Remote to Host	Page 5, Ln 12 51,444,771
29.	MOU Miles - Remote to Host	Page 5,Ln 10 122,765,930
30.	TST Revenues Remote to Host	Ln 28 * Pg5, Ln 29 \$32,327
31.	TSF Revenues Remote to Host	Ln 29 * Page 5, Ln 30 \$26,486
32.	Total Revenues Remote to Host	Line 31+Line 32 <u>\$58,813</u>
33.	Term MOUs - End Office/Host	Page 5, Ln11-Page 5, Ln12 107,566,339
34.	MOU Miles - End Office/Host	Page 5, Ln9-Page 5, Ln10 220,978,674
35.	TST Revenues from End Office/Host	Ln33 * Page 5, Ln 29 \$67,593
36.	TSF Revenues from End Office/Host	Ln34 * Page 5, Ln 30 \$47,675
37.	Total Revenues from End Office/Host	Line 35+Line 36 <u>\$115,267</u>
38.	Total Tandem Switched Transport Revenues	Line 32+Line 37 <u>\$174,080</u>

**ALLTEL Telephone Services Corporation**  
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Traffic Sensitive Rate Development  
Switched Access

**800 Data Base Query Revenues**

ALLTEL SOUTH CAROLINA

Ln	Source	Quantity
1.	Basic Query Charge per Query SCP Tariff Rate	0.001
2.	Total Basic Queries Volume 4 Section 5	21,772,988
3.	Enhanced Query Charge per Query SCP Tariff Rate	0.0012
4.	Total Enhanced Queries Volume 4 Section 5	0
5.	Total 800 Data Base Revenues Ln 1 * Ln 2 + Ln 3 * Ln 4	\$21,773

**Transport Interconnection Charge (TIC) Calculation**

Ln	Source	Quantity
6a.	Transport Revenue Requirement Volume 2, Section 1	\$525,977
	Revenue Requirement Adjustment	
6b.	Single Bill Settlement, Receivable Volume 3, Page 10	\$0
6c.	Single Bill Settlement, Payable Volume 3, Page 10	\$0
6d.	Net Settlement Volume 3, Page 10	\$0
6e.	Analog Revenue Requirement	\$0
6f.	Rate Making Revenue Requirement L6a+L6d-6e	\$525,977
7.	Total Direct Trunked Revenues Page 6, Line 18	\$53,538
8.	Total Entrance Facility Revenues Page 6, Line 27	\$9,157
8a.	Initial Tandem Switching Revenues Page 5, Line 18	\$0
9.	Initial Tandem Switched Transport Revenues Page 6, Line 39	\$174,080
10.	Total NRC Revenues Page 3, Line 6	\$45,401
11.	800 Data Base Query Revenues Line 5	\$21,773
11a.	Less: TIC Allocation to Common Line Page 2, Line 1b	\$94,330
11b.	Less: TIC Allocation to Local Switching Page 4, Line 1f	\$15,757
11c.	Less: TIC Allocation to Information Surcharge Page 4, Line 7a	\$1,020
11d.	Less: TIC Allocation to Special Access Page 9, Line 12a	\$39,290
12.	TIC to be allocated to Transport Elements Ln 6f-(Sum Lns 7 thru 11d)	\$71,630
12a.	TIC Rate Adjustment to TST TIC Elimination Worksheet	0.000259
12b.	TIC Rate Adjustment to TSF TIC Elimination Worksheet	0.000089
12c.	TIC Rate Adjustment to Tandem Switching TIC Elimination Worksheet	0.000000
12d.	Additional TST Revenue Ln 12a * Page 5, Ln 11	\$41,115
12e.	Additional TSF Revenue Ln 12b * Page 5, Ln 9	\$30,515
12f.	Additional Tandem Switching Revenue Ln 12c * Page 5, Ln 19	\$0
12g.	TIC after TST,TSF, Tandem Switching Adjustments Ln 12 - 12d - 12e - 12f	\$0
12h.	Final TST Rate Ln 12a + Page 5, Ln 29	0.000887
12i.	Final TSF Rate Ln 12b + Page 5, Ln 30	0.000305
12j.	Final Tandem Switching Rate Ln 12c + Page 5, Ln 20	0.000000
13.	Total Premium Local Switching MOUs Page 4, Line 2	160,164,292
14.	Total Non-Premium Local Switching MOUs Page 4, Line 3	0
15.	Total Weighted MOUs Line 13 + Line 14 *45%	160,164,292
16.	Premium TIC Line 12g / Line 15	0.000000
17.	Non-Premium TIC Line 16 * 45%	0.000000

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**Special Access**  
**Nonrecurring Revenues**

ALLTEL SOUTH CAROLINA

Ln		(A) NRC Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Installation/Provisions			
1.	Telegraph 2W/4W	\$196.00	0	\$0
2.	Voice Grade 2W/4W	\$215.00	0	\$0
3.	Program Audio	\$190.00	0	\$0
4.	Digital Data	\$140.00	18	\$2,520
5.	High Capacity 1.544	\$303.00	60	\$18,180
6.	High Capacity 44.736	\$333.00	6	\$1,998
7.	ADSL Access Port	\$99.95	0	\$0
8.	ADSL Logical Link	\$19.95	0	\$0
9.	ADSL Network Access Link - DS1	\$499.95	0	\$0
9.	ADSL Network Access Link - DS3	\$700.00	0	\$0
	<u>Orders</u>			
10.	Special Access Orders	\$68.00	115	\$7,820
11.	Date Change / Design Change	\$18.00	0	\$0
12.	Total NRC Revenues			<u>\$30,518</u>

Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**Optional Feature and Function Revenues**

Ln	Feature	(A) Monthly OFF Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Bridging	\$5.80	0	\$0
2.	C-Conditioning	\$19.30	24	\$463
3.	Data Conditioning	\$19.30	24	\$463
4.	Improved Return Loss 2W/4W	\$18.50	12	\$222
5.	Signaling Capability	\$2.70	0	\$0
6.	Customer Specified Receive Level	\$12.70	0	\$0
7.	Digital Data Channel Service Unit 9.6 Kbps	\$24.20	0	\$0
8.	Selective Signaling Arrangement	\$18.50	0	\$0
9.	Multiplexing DS1 to Voice	\$149.70	0	\$0
10.	Multiplexing DS1 to DSO	\$149.70	18	\$2,695
11.	Improved Termination Option, per CT 2 Wire	\$10.98	0	\$0
12.	Improved Termination Option, per CT 4 Wire	\$10.98	0	\$0
13.	Program Audio Conditioning - zero loss	\$12.00	0	\$0
14.	Multiplexing DS3 to DS1	\$302.10	0	\$0
15.	ADSL Access Port 1	\$29.95	25,066	\$750,727
16.	ADSL Access Port 2	\$59.95	416	\$24,939
17.	ADSL Access Port 3	\$119.95	718	\$86,124
18.	ADSL Additional Logical Link	\$19.95	0	\$0
19.	ADSL Network Access Link - Per DS1	\$399.95	0	\$0
20.	ADSL Network Access Link - Per DS3	\$2,950.00	0	\$0
21.	ADSL Additional Logical Access Link Blocks	\$99.95	0	\$0
22.	Total Optional Special Access Revenues			<u>\$865,633</u>

Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

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**Special Access**  
**ICB Revenues**

ALLTEL SOUTH CAROLINA

Ln	Rate Element	Source	Test Period
1.	Channel Termination ICB Revenues	Volume 3	\$0
2.	Channel Mileage Facility ICB Revenues	Volume 3	\$0
3.	Channel Mileage Termination ICB Revenues	Volume 3	\$0
4.	Total ICB Revenues (Ln 6 * Ln 7)		\$0

**Special Access Revenue Requirement Adjustment**

5.	Single Bill Settlement , Receivable	Volume 3	\$0
6.	Single Bill Settlement , Payable	Volume 3	\$0
7.	Single Bill Settlement , Net Adjustment	Line 5+ Line 6	\$0

**Revenue Requirement**

	Source	
8.	Total Special Access Rev Req	Volume 2, Section 1 \$2,030,848
9.	(+)/(-) Single Bill Settlement Adjustment	Line 7 \$0
10.	Less: Nonrecurring Charge Revs	Page 8, Line 12 (\$30,518)
11.	Less: Optional Feature & Function Revs	Page 8, Line 21 (\$865,633)
12.	Less: ICB revenues	Line 4 \$-0
12a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 5 \$39,290
13.	Total Rate Making Rev Req	Sum (Lines 8 thru 12a) \$1,173,987

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**Special Access**

ALLTEL SOUTH CAROLINA

Ln	Channel Termination	(A) Index	(B) Test Period Demand	(C)=A*B Annualized Weighted Demand	(D) CT Rev Req	(E) CT Rate
1	Telegraph 2 Wire	1.1111	0	0		\$22.49
2	Telegraph 4 Wire	1.5278	0	0		\$30.92
3	Voice Grade 2 Wire	1.0000	368	368		\$20.24
4	Voice Grade 4 Wire	1.6000	243	389		\$32.39
5	Program Audio 3.5 khz	0.7361	0	0		\$14.90
6	Program Audio 5.0 khz	1.1111	0	0		\$22.49
7	Program Audio 8.0 khz	1.1111	0	0		\$22.49
8	Program Audio 15 khz	1.1111	0	0		\$22.49
9	Digital Data 2.4 Kbps	1.8056	0	0		\$36.55
10	Digital Data 4.8 Kbps	1.8056	0	0		\$36.55
11	Digital Data 9.6 Kbps	1.8056	87	157		\$36.55
12	Digital Data 19.2 Kbps	1.8056	15	27		\$36.55
13	Digital Data 56 Kbps	2.8333	1,551	4,395		\$57.35
14	Digital Data 64 Kbps	2.8333	228	646		\$57.35
15	High Capacity 1.54 Mbps	6.0319	3,369	20,322		\$122.09
16	High Capacity 44.746	106.2651	69	7,332		\$2,150.90
17	SOCS OC3	85.0000	0	0		\$1,720.48
18	SOCS OC12	95.0000	0	0		\$1,922.89
			<u>5,930</u>	<u>33,635</u>		

CMF  
Rate

Ln	Channel Mileage Facility	(A)	(B)	(C)=A*B	(D)	(E)
19	Telegraph	0.1308	0	0		\$2.65
20	Voice Grade	0.0556	461	26		\$1.12
21	Program Audio 3.5 khz	0.0250	0	0		\$0.51
22	Program Audio 5.0 khz	0.0278	0	0		\$0.56
23	Program Audio 8.0 khz	0.0278	0	0		\$0.56
24	Program Audio 15 khz	0.0278	0	0		\$0.56
25	Digital Data 2.4 Kbps	0.0528	0	0		\$1.07
26	Digital Data 4.8 Kbps	0.0528	0	0		\$1.07
27	Digital Data 9.6 Kbps	0.0528	191	10		\$1.07
28	Digital Data 19.2 Kbps	0.0528	33	2		\$1.07
29	Digital Data 56 Kbps	0.1111	3,918	435		\$2.25
30	Digital Data 64 Kbps	0.1111	576	64		\$2.25
31	High Capacity 1.544	1.0826	8,321	9,009		\$21.91
32	High Capacity 44.736	4.4000	108	477		\$89.06
33	SOCS OC3	7.0000	0	0		\$141.69
34	SOCS OC12	11.0000	0	0		\$222.65
			<u>13,608</u>	<u>10,022</u>		

CMT  
Rate

Ln	Channel Mileage Termination	(A)	(B)	(C)=A*B	(D)	(E)
35	Telegraph	0.1375	0	0		\$2.78
36	Voice Grade	0.7500	253	189		\$15.18
37	Program Audio 3.5 khz	0.5000	0	0		\$10.12
38	Program Audio 5.0 khz	0.6944	0	0		\$14.06
39	Program Audio 8.0 khz	0.6944	0	0		\$14.06
40	Program Audio 15 khz	0.6944	0	0		\$14.06
41	Digital Data 2.4 Kbps	0.5556	0	0		\$11.24
42	Digital Data 4.8 Kbps	0.5556	0	0		\$11.24
43	Digital Data 9.6 Kbps	0.5556	87	48		\$11.24
44	Digital Data 19.2 Kbps	0.5556	15	8		\$11.24
45	Digital Data 56 Kbps	1.1111	1,551	1,723		\$22.49
46	Digital Data 64 Kbps	1.1111	228	253		\$22.49
47	High Capacity 1.544	3.2967	3,081	10,157		\$66.73
48	High Capacity 44.736 Mbps	36.3640	54	1,964		\$736.04
49	SOCS OC3	65.0000	0	0		\$1,315.66
50	SOCS OC12	75.0000	0	0		\$1,518.07
			<u>5,269</u>	<u>14,344</u>		
				<u>58,001</u>	<u>\$1,173,987</u>	

Col (A) = Volume 3  
Col (B) = Volume 4, Section 4  
Col (C) = Col (A) \* Col (B) Col (C) Total  
Col (D) = Page 9, Line 13

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**Special Access**  
**Calculation of Recurring Special Access Revenues**

ALLTEL SOUTH CAROLINA

Ln	Service	(A) CT Rate	(B) CT Revenue	(C) CMF Rate	(D) CMF Revenue*	(E) CMT Rate	(F) CMT Revenue*
1.	Telegraph 2 Wire	\$22.49	\$0				
2.	Telegraph 4 Wire	\$30.92	\$0	\$2.65	\$0	\$2.78	\$0
3.	Voice Grade 2 Wire	\$20.24	\$7,449				
4.	Voice Grade 4 Wire	\$32.39	\$7,870	\$1.12	\$519	\$15.18	\$3,833
5.	Program Audio 3.5 khz	\$14.90	\$0	\$0.51	\$0	\$10.12	\$0
6.	Program Audio 5.0 khz	\$22.49	\$0	\$0.56	\$0	\$14.06	\$0
7.	Program Audio 8.0 khz	\$22.49	\$0	\$0.56	\$0	\$14.06	\$0
8.	Program Audio 15 khz	\$22.49	\$0	\$0.56	\$0	\$14.06	\$0
9.	Digital Data 2.4 Kbps	\$36.55	\$0	\$1.07	\$0	\$11.24	\$0
10.	Digital Data 4.8 Kbps	\$36.55	\$0	\$1.07	\$0	\$11.24	\$0
11.	Digital Data 9.6 Kbps	\$36.55	\$3,180	\$1.07	\$204	\$11.24	\$978
12.	Digital Data 19.2 Kbps	\$36.55	\$548	\$1.07	\$35	\$11.24	\$169
13.	Digital Data 56 Kbps	\$57.35	\$88,949	\$2.25	\$8,811	\$22.49	\$34,882
14.	Digital Data 64 Kbps	\$57.35	\$13,076	\$2.25	\$1,295	\$22.49	\$5,128
15.	High Capacity 1.544	\$122.09	\$411,327	\$21.91	\$182,343	\$66.73	\$205,590
16.	High Capacity 44.736	\$2,150.90	\$148,412	\$89.06	\$9,645	\$736.04	\$39,746
16.	SOCS OC3	\$1,720.48	\$0	\$141.69	\$0	\$1,315.66	\$0
16.	SOCS OC12	\$1,922.89	\$0	\$222.65	\$0	\$1,518.07	\$0
			\$680,809		\$202,852		\$290,326

Sources:

<p>Cols (A), (C) and (E) = Page 10, Col (E)  Col (B) = Col (A) * Page 10, Col (B)  Col (D) = Col (C) * Page 10, Col (B)  Col (F) = Col (E) * Page 10, Col (B)</p>
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**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Special Access  
**Crossover Analysis**

ALLTEL SOUTH CAROLINA

**Voice Grade to Hi Cap DS1**

Config	Element	(A)	(B)
		Voice Grade 4 Wire	Hi-Cap 1.544 Mbps
2	CT	\$64.77	\$244.18
10	CMF	\$11.24	\$219.13
2	CMT	\$30.36	\$133.46
Total Config		\$106.38	\$596.77

---

DS1 to VG 4W Crossover (Total Col (B) / Total Col (A)) 5.61

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Sources:

Col (A) = Config Column * VG4W Rates from Page 11
Col (B) = Config Column * Hi Cap 1.544 Rates from Page 11

**Transport Benchmark**

Config	Element	(A)	(B)
		DS1	DS3
1	CT	\$122.09	\$2,150.90
10	CMF	\$219.13	\$890.60
2	CMT	\$133.46	\$1,472.08
1	MUX	n/a	\$302.10
Total Config		\$474.68	\$4,815.69

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DS3 to DS1 Crossover (Total Col (B) / Total Col (A)) 10.15

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Sources:

Col (A) = Config Column * DS1 Rates from Page 11
Col (B) = Config Column * DS3 Rates from Page 11

**Calculation of Host-Remote / TIC Adjustment  
(FCC 97-158, 1st Report & Order, Para 220)**

	Before Host Remote Adj	After Host Remote Adj
TST Revenues Remote to Host	\$18,469	
TSF Revenues Remote to Host	\$14,486	
Total Revenues Remote to Host	\$32,955	
TST Remote/Host MOU TERM's	51,444,771	
TSF Remote/Host MOU/Miles	122,765,930	
Total Host-Remote Investment	\$533,267	
Total Interstate TS SW Rev Req	\$1,393,161	
Total Interstate TS SW TPIS	\$6,791,640	
Total Interstate TS SW Factor	0.205129	
Total Host-Remote Rev Req	\$109,389	
Total Shortfall going to TIC		\$76,434
TST Shortfall going to TIC		\$42,835
TSF Shortfall going to TIC		\$33,599
TST Rate adj for H-R		0.000269
TSF Rate adj for H-R		0.000098
Total Transport Rev Req (Ln 6h)	\$525,977	
Less: Direct Trunk Revenues	\$53,538	
Less: Entrance Facility Revenues	\$9,157	
Less: Tandem Switching Revenues	\$0	
Less: NRC Revenues	\$45,401	
Less: 800 DBQ Revenues	\$21,773	
Requirement from Common Tspt	\$396,109	
Total Common TST MOU Terms	159,011,109	
Total Common TSF MOU/Miles	343,744,603	
Initial TST rate (Ln 17 workpapers)	\$0.000359	
Initial TSF rate (Ln 18 workpapers)	\$0.000118	
Initial TST Revenues	\$57,085	
Initial TSF Revenues	\$40,562	
Initial total TST/TSF revenues	\$97,647	
Maximum TST rev req		\$231,568
Maximum TSF rev req		\$164,541
Maximum TST rate adj		\$0.001097
Maximum TSF rate adj		\$0.000361
Adj needed to TST Rate		0.000269
Adj needed to TSF Rate		0.000098

**ALLTEL Telephone Services Corporation**  
**Transport Interconnection Charge (TIC) Revenue Allocation**  
**Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 14**

ALLTEL SOUTH CAROLINA	Source	Revenue Requirement	% of Total	TIC Amount Reallocated
1. Common Line	TRP Form COS1-P Line 100 Less USF Contribution	\$4,875,759	60.39%	\$94,330
2. Local Switching	Volume 5, Page 4, Ln 1d	\$814,442	10.09%	\$15,757
3. Information	Volume 5, Page 4, Ln 7	\$52,742	0.65%	\$1,020
4. Transport Less TIC Revenue	ACR-1 Projected (Column I)	\$299,676	3.71%	\$5,798
5. Special Access	Volume 5, Page 9, Ln 8	\$2,030,848	25.15%	\$39,290
Total		\$8,073,467		
6. TIC Revenue July 00 - June 01	CABS Billing	\$156,196		
7. Projected TIC Revenues	Revised June 28, 2002 Annual Tariff Filing, Vol 5, Pg	\$226,301		
8. TIC to be allocated	Minimum CABS Billed or Projected	\$156,196		

**ALLTEL Telephone Services Corporation  
 Transport Interconnection Charge (TIC) Elimination  
 Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 15**

		Revenue Requirement	% of Total	TIC Amount Reallocated
ALLTEL SOUTH CAROLINA	Source			
1. Tandem Switching	Volume 5, Page 5, Line 18	\$0	0.00%	\$0
2. Initial Tandem Switched Termination Revenue	Volume 5, Page 6, Lns 30 + 35	\$99,920	57.40%	\$41,115
3. Initial Tandem Switched Facility Revenue	Volume 5, Page 6, Lns 31 + 36	\$74,161	42.60%	\$30,515
4. Total		\$174,080		
5. TIC to be allocated to Transport Elements	Volume 5, Page 7, line 12	\$71,630		
6. TIC Rate Adjustment - Tandem Switching	Ln 1 / Volume 5, Page 5, Line 19	0.000000		
7. TIC Rate Adjustment - TST	Ln 2 / Volume 5, Page 5, Line 11	0.000259		
8. TIC Rate Adjustment - TSF	Ln 3 / Volume 5, Page 5, Line 9	0.000089		

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Rate Development Summary**

**SUGAR LAND TELEPHONE**

**End User**

End User - Multiline Business	\$5.81
End User - Single Line Business / Residential	\$5.81

**Carrier Common Line**

Premium Originating	N/A	NonPremium Originating	N/A
Premium Terminating	N/A	NonPremium Terminating	N/A

**Traffic Sensitive - Switched**

<b>Premium</b>		<b>NonPremium</b>	
Local Switching	0.003565	Local Switching	0.001604
Information Surcharge	0.000490	Information Surcharge	0.000221
TIC	0.000000	TIC	0.000000

**Tandem Switched**

Termination	0.002211
Facility	0.000970
Switching	0.003848

**Direct Trunked**

VG Termination	\$16.96
VG Facility	\$1.26
DS1 Termination	\$42.94
DS1 Facility	\$15.70
DS1 Multiplexing	\$149.70
DS3 Termination	\$743.77
DS3 Facility	\$47.11
DS3 Multiplexing	\$302.10

**Entrance Facility**

VG2W	\$22.61
VG4W	\$36.18
DS1	\$136.40
DS3	\$2,402.96

**Traffic Sensitive - Special**

Service	Channel		Channel Mileage
	Termination	Facility	Termination
Telegraph 2 Wire	\$25.13	\$2.96	\$3.11
Telegraph 4 Wire	\$34.55	\$2.96	\$3.11
Voice Grade 2 Wire	\$22.61	\$1.26	\$16.96
Voice Grade 4 Wire	\$36.18	\$1.26	\$16.96
Program Audio 3.5 khz	\$16.65	\$0.57	\$11.31
Program Audio 5.0 khz	\$25.13	\$0.63	\$15.70
Program Audio 8.0 khz	\$25.13	\$0.63	\$15.70
Program Audio 15 khz	\$25.13	\$0.63	\$15.70
Digital Data 2.4 Kbps	\$40.83	\$1.19	\$12.56
Digital Data 4.8 Kbps	\$40.83	\$1.19	\$12.56
Digital Data 9.6 Kbps	\$40.83	\$1.19	\$12.56
Digital Data 19.2 Kbps	\$40.83	\$1.19	\$12.56
Digital Data 56 Kbps	\$64.07	\$2.51	\$25.13
Digital Data 64 Kbps	\$64.07	\$2.51	\$25.13
High Capacity 1.544	\$136.40	\$15.70	\$42.94
High Capacity 44.736 Mbps	\$2,402.96	\$47.11	\$743.77

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

End User Rate Development

SUGAR LAND TELEPHONE

Ln	End User Rate Development	Source	Amount
1.	BFP Revenue Requirement	Volume 2, Section 2	\$5,656,003
1a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 1	\$40,435
2.	Special Access Surchargeable Channels	Volume 4	1,008
3.	Special Access Surcharge Revenues	(Ln 2 * \$25)	\$25,200
4.	Adjusted BFP Revenue Requirement	(Ln 1 + 1a + 3)	\$5,671,238
5.	Test Period Mean Access Lines	Volume 4	81,365
6.	Annual Cost Per Line	Ln 4 / Ln 5	\$69.70
7.	Capped EUCL Multi-Line Rate		\$9.20
8.	Monthly Cost Per Line	Ln 6 / 12	\$5.81
9.	Monthly EUCL Multi-Line Rate	Smaller of Ln 7 or Ln 8	\$5.81
10.	Monthly EUCL Single Line Rate	Smaller of \$3.50 or Ln 9	\$5.81

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Nonrecurring Revenues**

SUGAR LAND TELEPHONE

Ln	(A) Rate	(B) Test Period Demand	(C)=(A)*(B) Revenues	
1.	Switched Access Service Order, Miscellaneous Service Order and Interim NXX Translation	\$68.00	44	\$2,992
2.	Service Date Change, Design Change	\$18.00	0	\$0
3a.	Switched Access Trunk Conversion/Activation	\$112.00	0	\$0
3b.	Switched Access Installation Voice Grade 2 Wire	\$215.00	0	\$0
3c.	Switched Access Installation Voice Grade 4 Wire	\$215.00	0	\$0
3d.	Switched Access Installation High Capacity DS1	\$303.00	0	\$0
3e.	Switched Access Installation High Capacity DS3	\$333.00	0	\$0
4.	Presubscription	\$5.00	11,674	\$58,370
5.	Unauthorized PIC Change	\$30.00	0	\$0
6.	Total Non-Recurring Revenue Requirement			\$61,362

Sources:

Col (A) - Volume 3

Col (B) - Volume 4

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Local Switching Rate Development**

## SUGAR LAND TELEPHONE

Ln	Source	Quantity
1.	Local Switching Revenue Requirement (Includes Equal Access Revenue Requirement )	Volume 2, Section 1 \$882,130
1a.	SS7 Revenue Requirement	Volume 2, Section 1 \$219
1b.	plus: analog revenue requirement	\$0
1c.	less: DEM Weighting to be recovered through USF	\$0
1d.	Sub Total	Ln 1 + 1a + 1b - 1c \$882,350
1e.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 2 \$6,879
1f.	Adjusted Local Switching Revenue Requirement	Ln 1d - 1e \$889,229
2.	Premium Minutes of Use	Volume 4 249,466,425
3.	Non-Premium Minutes of Use	Volume 4 0
4.	Weighted Minutes	Ln 2 + (Ln 3 * 45%) 249,466,425
5.	Premium Local Switching Rate	(Ln 1g / Ln 4) 0.003565
6.	Non-Premium Local Switching Rate	(Ln 5 * 45%) 0.001604

**Information Surcharge Rate Development**

	Source	Quantity
7.	Information Surcharge Revenue Requirement	Volume 2, Section 1 \$121,250
7a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 3 \$945
7b.	Adjusted Information Surcharge Revenue Requirement	Ln 7 + 7a \$122,195
8.	Premium Minutes	Volume 4 249,466,425
9.	Non-Premium Minutes	Volume 4 0
10.	Weighted Minutes	Ln 8 + (Ln 9 * 45%) 249,466,425
11.	Prem Information Surcharge Rate per Minute	(Ln 7b / Ln 10) 0.000490
12.	NPrem Information Surcharge Rate per Minute	(Ln 11 * 45%) 0.000221

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Miscellaneous Data**

## SUGAR LAND TELEPHONE

Ln	Source	Quantity	
1.	Local Switching MOUs	Page 4, Lns 2 + 3	249,466,425
2.	Pct of Local Switch MOU is Common Tspt MOU	Volume 4, Section 4	24%
3.	Common Transport MOUs	Ln 1 * Ln 2	59,871,942
4.	Total Comm. Tspt Avg Length of Haul (ALOH)	Volume 4, Section 4	6.26
5.	Remote to Host Tspt ALOH	Volume 4, Section 4	0.26
6.	Avg # of Total Terms per Comm. Tspt MOU	Volume 4, Section 4	1.84
7.	Avg # of Terms per Circuit		n/a
8.	Avg # of Remote Terms per Comm. Tspt MOU	Volume 4, Section 4	0.06
9.	Total Comm. Tspt MOU Miles	Ln 3 * Ln 4	374,798,357
10.	Total Remote-Host MOU Miles	Ln 3 * Ln 5	15,566,705
11.	Total Comm. Tspt Terms	Ln 3 * Ln 6	110,164,373
12.	Total Remote-Host Terms	Ln 3 * Ln 8	3,592,317
13.	Tandem Switch MOU % of Comm. Tspt MOU	Volume 4, Section 4	221%
14.	Tandem Switching MOU	Ln 3 * Ln 13	132,316,992

**Tandem Switching Rate Development**

Ln	Source	Quantity	
15.	Tandem Switching Revenue Requirement	Volume 2, Section 1	\$506,129
16.	plus: Tandem Switched Port Card Revenue Requirement		\$0
17.	plus: Tandem Switched Multiplexer Revenue Requirement		\$0
18.	Adjusted Rate Making Revenue Requirement		\$506,129
19.	Total Tandem Switching MOUs	Line 14	132,316,992
20.	Initial Tandem Switching Rate	Line 18/ Line 19	0.003825

**Tandem Switched Transport Rate Calculation**

22.	DS1 Dedicated Transport Termination Rate (DTT)	Page 10, Line 47, Col (E)	\$42.94
23.	DS1 Dedicated Transport Facility Rate (DTF)	Page 10, Line 21, Col (E)	\$15.70
24.	DS1 MOU per Voice Grade Equivalent	MOU * 24 VG Equiv	74,304
25.	Tandem Switched Term (TST) Initial Rate	Line 22/Line 24	0.000578
26.	Tandem Switched Facility (TSF) Initial Rate	Line 23/Line 24	0.000211
27.	Tandem Switched Term Adj - Host Remote	Host-Remote Worksheet	0.001620
28.	Tandem Switched Facility Adj - Host Remote	Host-Remote Worksheet	0.000753
29.	TST Rate Before TIC Elimination Adjustment	Line 25 + 27	0.002198
30.	TSF Rate Before TIC Elimination Adjustment	Line 26 + 28	0.000964

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Direct Trunked Transport Revenues**

## SUGAR LAND TELEPHONE

Ln	Source	Quantity
1.	VG Dedicated Transport Termination Rate (DTT)	Page 10, Ln 36,Col(E) \$16.96
2.	VG Dedicated Transport Facility Rate (DTF)	Page 10, Ln 20,Col(E) \$1.26
3.	DS1 Dedicated Transport Termination Rate (DTT)	Page 5, Line 22 \$42.94
4.	DS1 Dedicated Transport Facility Rate (DTF)	Page 5, Line 23 \$15.70
5.	DS3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 48,Col(E) \$743.77
6.	DS3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 32,Col(E) \$47.11
6A.	OC3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 49,Col(E) \$1,130.65
6B.	OC3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 33,Col(E) \$135.68
6C.	OC12 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 50,Col(E) \$1,266.32
6D.	OC12 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 34,Col(E) \$192.21
7.	Direct Trunked VG Terminations	Forecast Demand 0
8.	Direct Trunked VG Miles	Vol 4, Sec 4 ALOH * Line 7 0
9.	Direct Trunked DS1 Terminations	Forecast Demand 1,899
10.	Direct Trunked DS1 Miles	Vol 4, Sec 4 ALOH * Line 9 3,306
11.	Direct Trunked DS3 Terminations	Forecast Demand 0
12.	Direct Trunked DS3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12A.	Direct Trunked OC3 Terminations	Forecast Demand 0
12B.	Direct Trunked OC3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12C.	Direct Trunked OC12 Terminations	Forecast Demand 0
12D.	Direct Trunked OC12 Miles	Vol 4, Sec 4 ALOH * Line 11 0
13.	Direct Trunked Termination Revenues	\$81,544
14.	Direct Trunked Facility Revenues	\$51,917
15.	DS1 to Voice Mux	Volume 4, Section 3 0
16.	DS3 to DS1 Mux	Volume 4, Section 3 0
17.	Multiplexing Revenue	(Ln 16 * Pg 9,Ln19)+(Ln 17*Pg 9,Ln 24) \$0
18.	Total Direct Trunked Transport Revenues	(Ln 13+Ln14+Ln 17) <u>\$133,461</u>

**Entrance Facility Revenues**

19.	VG2W Entrance Facility Rate	Page 10, Ln 3,Col(E) \$22.61
20.	VG4W Entrance Facility Rate	Page 10, Ln 4,Col(E) \$36.18
21.	DS1 Entrance Facility Rate	Page 10, Ln 15,Col(E) \$136.40
22.	DS3 Entrance Facility Rate	Page 10, Ln 16,Col(E) \$2,402.96
22A.	OC3 Entrance Facility Rate	Page 10, Ln 17,Col(E) \$1,695.97
22B.	OC12 Entrance Facility Rate	Page 10, Ln 18,Col(E) \$1,922.10
23.	VG 2W Entrance Facilities	Forecast Demand 0
24.	VG 4W Entrance Facilities	Forecast Demand 0
25.	DS1 Entrance Facilities	Forecast Demand 433
26.	DS3 Entrance Facilities	Forecast Demand 0
26A.	OC3 Entrance Facilities	Forecast Demand 0
26B.	OC12 Entrance Facilities	Forecast Demand 0
27.	Total Entrance Facility Revenues	(Ln20*Ln24+Ln21*Ln25+Ln 22*Ln26+Ln19*Ln23+Ln 22A*Ln26A+Ln22B*Ln26B) <u>\$59,061</u>

**Tandem Switched Transport Revenues**

28.	Term MOUs - Remote to Host	Page 5, Ln 12 3,592,317
29.	MOU Miles - Remote to Host	Page 5,Ln 10 15,566,705
30.	TST Revenues Remote to Host	Ln 28 * Pg5, Ln 29 \$7,895
31.	TSF Revenues Remote to Host	Ln 29 * Page 5, Ln 30 \$15,007
32.	Total Revenues Remote to Host	Line 31+Line 32 <u>\$22,902</u>
33.	Term MOUs - End Office/Host	Page 5, Ln11-Page 5, Ln12 106,572,057
34.	MOU Miles - End Office/Host	Page 5, Ln9-Page 5, Ln10 359,231,652
35.	TST Revenues from End Office/Host	Ln33 * Page 5, Ln 29 \$234,206
36.	TSF Revenues from End Office/Host	Ln34 * Page 5, Ln 30 \$346,325
37.	Total Revenues from End Office/Host	Line 35+Line 36 <u>\$580,531</u>
38.	Total Tandem Switched Transport Revenues	Line 32+Line 37 <u>\$603,433</u>

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access

**800 Data Base Query Revenues**

SUGAR LAND TELEPHONE

Ln	Source	Quantity
1.	Basic Query Charge per Query	SCP Tariff Rate
2.	Total Basic Queries	Volume 4 Section 5
3.	Enhanced Query Charge per Query	SCP Tariff Rate
4.	Total Enhanced Queries	Volume 4 Section 5
5.	Total 800 Data Base Revenues	Ln 1 * Ln 2 + Ln 3 * Ln 4
		<u>\$31,981</u>

**Transport Interconnection Charge (TIC) Calculation**

Ln	Source	Quantity
6a.	Transport Revenue Requirement	Volume 2, Section 1
	Revenue Requirement Adjustment	
6b.	Single Bill Settlement, Receivable	Volume 3, Page 10
6c.	Single Bill Settlement, Payable	Volume 3, Page 10
6d.	Net Settlement	Volume 3, Page 10
6e.	Analog Revenue Requirement	
6f.	Rate Making Revenue Requirement	L6a+L6d-6e
7.	Total Direct Trunked Revenues	Page 6, Line 18
8.	Total Entrance Facility Revenues	Page 6, Line 27
8a.	Initial Tandem Switching Revenues	Page 5, Line 18
9.	Initial Tandem Switched Transport Revenues	Page 6, Line 39
10.	Total NRC Revenues	Page 3, Line 6
11.	800 Data Base Query Revenues	Line 5
11a.	Less: TIC Allocation to Common Line	Page 2, Line 1b
11b.	Less: TIC Allocation to Local Switching	Page 4, Line 1f
11c.	Less: TIC Allocation to Information Surcharge	Page 4, Line 7a
11d.	Less: TIC Allocation to Special Access	Page 9, Line 12a
12.	TIC to be allocated to Transport Elements	Ln 6f-(Sum Lns 7 thru 11d)
12a.	TIC Rate Adjustment to TST	TIC Elimination Worksheet
12b.	TIC Rate Adjustment to TSF	TIC Elimination Worksheet
12c.	TIC Rate Adjustment to Tandem Switching	TIC Elimination Worksheet
12d.	Additional TST Revenue	Ln 12a * Page 5, Ln 11
12e.	Additional TSF Revenue	Ln 12b * Page 5, Ln 9
12f.	Additional Tandem Switching Revenue	Ln 12c * Page 5, Ln 19
12g.	TIC after TST,TSF, Tandem Switching Adjustments	Ln 12 - 12d - 12e - 12f
12h.	Final TST Rate	Ln 12a + Page 5, Ln 29
12i.	Final TSF Rate	Ln 12b + Page 5, Ln 30
12j.	Final Tandem Switching Rate	Ln 12c + Page 5, Ln 20
13.	Total Premium Local Switching MOUs	Page 4, Line 2
14.	Total Non-Premium Local Switching MOUs	Page 4, Line 3
15.	Total Weighted MOUs	Line 13 + Line 14 *45%
16.	Premium TIC	Line 12g / Line 15
17.	Non-Premium TIC	Line 16 * 45%
		<u>\$1,505,941</u>
		\$133,461
		\$59,061
		\$506,129
		\$603,433
		\$61,362
		\$31,981
		\$40,435
		\$6,879
		\$945
		\$55,485
		\$6,769
		0.000013
		0.000006
		0.000023
		\$1,477
		\$2,204
		\$3,088
		\$-0
		0.002211
		0.000970
		0.003848
		249,466,425
		0
		<u>249,466,425</u>
		0.000000
		0.000000

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access**  
**Nonrecurring Revenues**

SUGAR LAND TELEPHONE

Ln	Installation/Provisions	(A) NRC Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Telegraph 2W/4W	\$196.00	0	\$0
2.	Voice Grade 2W/4W	\$215.00	3	\$645
3.	Program Audio	\$190.00	0	\$0
4.	Digital Data	\$140.00	48	\$6,720
5.	High Capacity 1.544	\$303.00	411	\$124,533
6.	High Capacity 44.736	\$333.00	3	\$999
7.	ADSL Access Port	\$99.95	0	\$0
8.	ADSL Logical Link	\$19.95	0	\$0
9.	ADSL Network Access Link - DS1	\$499.95	0	\$0
9.	ADSL Network Access Link - DS3	\$700.00	0	\$0
<b>Orders</b>				
10.	Special Access Orders	\$68.00	319	\$21,692
11.	Date Change / Design Change	\$18.00	0	\$0
12.	Total NRC Revenues			\$154,589

Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**Optional Feature and Function Revenues**

Ln	Feature	(A) Monthly OFF Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Bridging	\$5.80	18	\$104
2.	C-Conditioning	\$19.30	0	\$0
3.	Data Conditioning	\$19.30	3	\$58
4.	Improved Return Loss 2W/4W	\$18.50	84	\$1,554
5.	Signaling Capability	\$2.70	12	\$32
6.	Customer Specified Receive Level	\$12.70	0	\$0
7.	Digital Data Channel Service Unit 9.6 Kbps	\$24.20	0	\$0
8.	Selective Signaling Arrangement	\$18.50	0	\$0
9.	Multiplexing DS1 to Voice	\$149.70	24	\$3,593
10.	Multiplexing DS1 to DSO	\$149.70	0	\$0
11.	Improved Termination Option, per CT 2 Wire	\$10.98	0	\$0
12.	Improved Termination Option, per CT 4 Wire	\$10.98	0	\$0
13.	Program Audio Conditioning - zero loss	\$12.00	0	\$0
14.	Multiplexing DS3 to DS1	\$302.10	48	\$14,501
15.	ADSL Access Port 1	\$29.95	69,582	\$2,083,981
16.	ADSL Access Port 2	\$59.95	2,337	\$140,103
17.	ADSL Access Port 3	\$119.95	4,041	\$484,718
18.	ADSL Additional Logical Link	\$19.95	0	\$0
19.	ADSL Network Access Link - Per DS1	\$399.95	70	\$27,997
20.	ADSL Network Access Link - Per DS3	\$2,950.00	0	\$0
21.	ADSL Additional Logical Access Link Blocks	\$99.95	0	\$0
22.	Total Optional Special Access Revenues			\$2,756,641

Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access  
ICB Revenues**

SUGAR LAND TELEPHONE

Ln	Rate Element	Source	Test Period
1.	Channel Termination ICB Revenues	Volume 3	\$0
2.	Channel Mileage Facility ICB Revenues	Volume 3	\$0
3.	Channel Mileage Termination ICB Revenues	Volume 3	\$0
4.	Total ICB Revenues (Ln 6 * Ln 7)		\$0

**Special Access Revenue Requirement Adjustment**

5.	Single Bill Settlement , Receivable	Volume 3	\$0
6.	Single Bill Settlement , Payable	Volume 3	\$0
7.	Single Bill Settlement , Net Adjustment	Line 5+ Line 6	\$0

**Revenue Requirement**

	Source	
8.	Total Special Access Rev Req	Volume 2, Section 1
		\$7,116,779
9.	(+)/(-) Single Bill Settlement Adjustment	Line 7
		\$0
10.	Less: Nonrecurring Charge Revs	Page 8, Line 12
		(\$154,589)
11.	Less: Optional Feature & Function Revs	Page 8, Line 21
		(\$2,756,641)
12.	Less: ICB revenues	Line 4
		\$-0
12a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 5
		\$55,485
13.	Total Rate Making Rev Req	Sum (Lines 8 thru 12a)
		\$4,261,034

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access**

SUGAR LAND TELEPHONE

Ln	Channel Termination	(A) Index	(B) Test Period Demand	(C)=A*B Annualized Weighted Demand	(D) CT Rev Req	(E) CT Rate
1	Telegraph 2 Wire	1.1111	0	0		\$25.13
2	Telegraph 4 Wire	1.5278	0	0		\$34.55
3	Voice Grade 2 Wire	1.0000	646	646		\$22.61
4	Voice Grade 4 Wire	1.6000	1,287	2,059		\$36.18
5	Program Audio 3.5 khz	0.7361	0	0		\$16.65
6	Program Audio 5.0 khz	1.1111	0	0		\$25.13
7	Program Audio 8.0 khz	1.1111	0	0		\$25.13
8	Program Audio 15 khz	1.1111	0	0		\$25.13
9	Digital Data 2.4 Kbps	1.8056	30	54		\$40.83
10	Digital Data 4.8 Kbps	1.8056	18	33		\$40.83
11	Digital Data 9.6 Kbps	1.8056	363	655		\$40.83
12	Digital Data 19.2 Kbps	1.8056	0	0		\$40.83
13	Digital Data 56 Kbps	2.8333	6,261	17,740		\$64.07
14	Digital Data 64 Kbps	2.8333	420	1,190		\$64.07
15	High Capacity 1.54 Mbps	6.0319	14,484	87,366		\$136.40
16	High Capacity 44.746	106.2651	210	22,316		\$2,402.96
17	SOCS OC3	75.0000	0	0		\$1,695.97
18	SOCS OC12	85.0000	0	0		\$1,922.10
			<u>23,719</u>	<u>132,059</u>		

CMF  
Rate

**Channel Mileage Facility**

19	Telegraph	0.1308	0	0		\$2.96
20	Voice Grade	0.0556	3,870	215		\$1.26
21	Program Audio 3.5 khz	0.0250	0	0		\$0.57
22	Program Audio 5.0 khz	0.0278	0	0		\$0.63
23	Program Audio 8.0 khz	0.0278	0	0		\$0.63
24	Program Audio 15 khz	0.0278	0	0		\$0.63
25	Digital Data 2.4 Kbps	0.0528	62	3		\$1.19
26	Digital Data 4.8 Kbps	0.0528	37	2		\$1.19
27	Digital Data 9.6 Kbps	0.0528	755	40		\$1.19
28	Digital Data 19.2 Kbps	0.0528	0	0		\$1.19
29	Digital Data 56 Kbps	0.1111	11,437	1,271		\$2.51
30	Digital Data 64 Kbps	0.1111	767	85		\$2.51
31	High Capacity 1.544	0.6944	25,216	17,511		\$15.70
32	High Capacity 44.736	2.0833	298	621		\$47.11
33	SOCS OC3	6.0000	0	0		\$135.68
34	SOCS OC12	8.5000	0	0		\$192.21
			<u>42,443</u>	<u>19,748</u>		

CMT  
Rate

**Channel Mileage Termination**

35	Telegraph	0.1375	0	0		\$3.11
36	Voice Grade	0.7500	1,197	898		\$16.96
37	Program Audio 3.5 khz	0.5000	0	0		\$11.31
38	Program Audio 5.0 khz	0.6944	0	0		\$15.70
39	Program Audio 8.0 khz	0.6944	0	0		\$15.70
40	Program Audio 15 khz	0.6944	0	0		\$15.70
41	Digital Data 2.4 Kbps	0.5556	29	16		\$12.56
42	Digital Data 4.8 Kbps	0.5556	17	10		\$12.56
43	Digital Data 9.6 Kbps	0.5556	350	194		\$12.56
44	Digital Data 19.2 Kbps	0.5556	0	0		\$12.56
45	Digital Data 56 Kbps	1.1111	5,238	5,820		\$25.13
46	Digital Data 64 Kbps	1.1111	351	390		\$25.13
47	High Capacity 1.544	1.8989	12,631	23,986		\$42.94
48	High Capacity 44.736 Mbps	32.8916	162	5,313		\$743.77
49	SOCS OC3	50.0000	0	0		\$1,130.65
50	SOCS OC12	56.0000	0	0		\$1,266.32
			<u>19,974</u>	<u>36,627</u>		
			<u>188,434</u>	<u>\$4,261,034</u>		

Col (A) = Volume 3  
Col (B) = Volume 4, Section 4

Col (C) = Col (A) \* Col (B) Col (C) Total]  
Col (D) = Page 9, Line 13

**ALLTEL Telephone Services Corporation**  
**2002 Annual Tariff Filing, Revised June 28, 2002**

**Special Access**  
**Calculation of Recurring Special Access Revenues**

## SUGAR LAND TELEPHONE

Ln	Service	(A) CT Rate	(B) CT Revenue	(C) CMF Rate	(D) CMF Revenue*	(E) CMT Rate	(F) CMT Revenue*
1.	Telegraph 2 Wire	\$25.13	\$0				
2.	Telegraph 4 Wire	\$34.55	\$0	\$2.96	\$0	\$3.11	\$0
3.	Voice Grade 2 Wire	\$22.61	\$14,608				
4.	Voice Grade 4 Wire	\$36.18	\$46,564	\$1.26	\$4,861	\$16.96	\$20,297
5.	Program Audio 3.5 khz	\$16.65	\$0	\$0.57	\$0	\$11.31	\$0
6.	Program Audio 5.0 khz	\$25.13	\$0	\$0.63	\$0	\$15.70	\$0
7.	Program Audio 8.0 khz	\$25.13	\$0	\$0.63	\$0	\$15.70	\$0
8.	Program Audio 15 khz	\$25.13	\$0	\$0.63	\$0	\$15.70	\$0
9.	Digital Data 2.4 Kbps	\$40.83	\$1,225	\$1.19	\$75	\$12.56	\$363
10.	Digital Data 4.8 Kbps	\$40.83	\$735	\$1.19	\$45	\$12.56	\$218
11.	Digital Data 9.6 Kbps	\$40.83	\$14,821	\$1.19	\$902	\$12.56	\$4,394
12.	Digital Data 19.2 Kbps	\$40.83	\$0	\$1.19	\$0	\$12.56	\$0
13.	Digital Data 56 Kbps	\$64.07	\$401,142	\$2.51	\$28,735	\$25.13	\$131,598
14.	Digital Data 64 Kbps	\$64.07	\$26,909	\$2.51	\$1,928	\$25.13	\$8,828
15.	High Capacity 1.544	\$136.40	\$1,975,605	\$15.70	\$395,984	\$42.94	\$542,388
16.	High Capacity 44.736	\$2,402.96	\$504,622	\$47.11	\$14,041	\$743.77	\$120,148
16.	SOCS OC3	\$1,695.97	\$0	\$135.68	\$0	\$1,130.65	\$0
16.	SOCS OC12	\$1,922.10	\$0	\$192.21	\$0	\$1,266.32	\$0
			<u>\$2,986,231</u>		<u>\$446,569</u>		<u>\$828,234</u>

## Sources:

Cols (A), (C) and (E) = Page 10, Col (E) Col (B) = Col (A) * Page 10, Col (B) Col (D) = Col (C) * Page 10, Col (B) Col (F) = Col (E) * Page 10, Col (B)
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**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

Special Access  
**Crossover Analysis**

SUGAR LAND TELEPHONE

**Voice Grade to Hi Cap DS1**

Config	Element	(A)	(B)
		Voice Grade 4 Wire	Hi-Cap 1.544 Mbps
2	CT	\$72.36	\$272.80
10	CMF	\$12.56	\$157.03
2	CMT	\$33.92	\$85.88
Total Config		\$118.84	\$515.71

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DS1 to VG 4W Crossover (Total Col (B) / Total Col (A)) 4.34

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Sources:

Col (A) = Config Column * VG4W Rates from Page 11
Col (B) = Config Column * Hi Cap 1.544 Rates from Page 11

**Transport Benchmark**

Config	Element	(A)	(B)
		DS1	DS3
1	CT	\$136.40	\$2,402.96
10	CMF	\$157.03	\$471.10
2	CMT	\$85.88	\$1,487.55
1	MUX	n/a	\$302.10
Total Config		\$379.31	\$4,663.71

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DS3 to DS1 Crossover (Total Col (B) / Total Col (A)) 12.30

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Sources:

Col (A) = Config Column * DS1 Rates from Page 11
Col (B) = Config Column * DS3 Rates from Page 11

**Calculation of Host-Remote / TIC Adjustment  
(FCC 97-158, 1st Report & Order, Para 220)**

	Before Host Remote Adj	After Host Remote Adj
TST Revenues Remote to Host	\$2,076	
TSF Revenues Remote to Host	\$3,285	
Total Revenues Remote to Host	\$5,361	
TST Remote/Host MOU TERM's	3,592,317	
TSF Remote/Host MOU/Miles	15,566,705	
Total Host-Remote Investment	\$1,158,307	
Total Interstate TS SW Rev Req	\$2,509,540	
Total Interstate TS SW TPIS	\$10,926,388	
Total Interstate TS SW Factor	0.229677	
Total Host-Remote Rev Req	\$366,036	
Total Shortfall going to TIC		\$460,675
TST Shortfall going to TIC		\$178,426
TSF Shortfall going to TIC		\$282,250
TST Rate adj for H-R		0.001620
TSF Rate adj for H-R		0.000753
Total Transport Rev Req (Ln 6h)	\$1,505,941	
Less: Direct Trunk Revenues	\$133,461	
Less: Entrance Facility Revenues	\$59,061	
Less: Tandem Switching Revenues	\$506,129	
Less: NRC Revenues	\$61,362	
Less: 800 DBQ Revenues	\$31,981	
Requirement from Common Tspt	\$713,947	
Total Common TST MOU Terms	110,164,373	
Total Common TSF MOU/Miles	374,798,357	
Initial TST rate (Ln 17 workpapers)	\$0.000578	
Initial TSF rate (Ln 18 workpapers)	\$0.000211	
Initial TST Revenues	\$63,675	
Initial TSF Revenues	\$79,082	
Initial total TST/TSF revenues	\$142,757	
Maximum TST rev req		\$318,446
Maximum TSF rev req		\$395,501
Maximum TST rate adj		\$0.002313
Maximum TSF rate adj		\$0.000844
Adj needed to TST Rate		0.001620
Adj needed to TSF Rate		0.000753

**ALLTEL Telephone Services Corporation**  
**Transport Interconnection Charge (TIC) Revenue Allocation**  
**Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 14**

SUGAR LAND TELEPHONE	Source	Revenue Requirement	% of Total	TIC Amount Reallocated
1. Common Line	TRP Form COS1-P Line 100 Less USF Contribution	\$5,186,413	35.29%	\$40,435
2. Local Switching	Volume 5, Page 4, Ln 1d	\$882,350	6.00%	\$6,879
3. Information	Volume 5, Page 4, Ln 7	\$121,250	0.82%	\$945
4. Transport Less TIC Revenue	ACR-1 Projected (Column I)	\$1,391,349	9.47%	\$10,847
5. Special Access	Volume 5, Page 9, Ln 8	\$7,116,779	48.42%	\$55,485
Total		\$14,698,140		
6. TIC Revenue July 00 - June 01	CABS Billing	\$288,090		
7. Projected TIC Revenues	Revised June 28, 2002 Annual Tariff Filing, Vol 5, Pç	\$114,592		
8. TIC to be allocated	Minimum CABS Billed or Projected	\$114,592		

**ALLTEL Telephone Services Corporation  
 Transport Interconnection Charge (TIC) Elimination  
 Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 15**

		Revenue Requirement	% of Total	TIC Amount Reallocated
	SUGAR LAND TELEPHONE			
1.	Tandem Switching	Volume 5, Page 5, Line 18 \$506,129	45.62%	\$3,088
2.	Initial Tandem Switched Termination Revenue	Volume 5, Page 6, Lns 30 + 35 \$242,101	21.82%	\$1,477
3.	Initial Tandem Switched Facility Revenue	Volume 5, Page 6, Lns 31 + 36 \$361,332	32.57%	\$2,204
4.	Total	\$1,109,562		
5.	TIC to be allocated to Transport Elements	Volume 5, Page 7, line 12 \$6,769		
6.	TIC Rate Adjustment - Tandem Switching	Ln 1 / Volume 5, Page 5, Line 19 0.000023		
7.	TIC Rate Adjustment - TST	Ln 2 / Volume 5, Page 5, Line 11 0.000013		
8.	TIC Rate Adjustment - TSF	Ln 3 / Volume 5, Page 5, Line 9 0.000006		

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Rate Development Summary**

**TEXAS ALLTEL**

**End User**

End User - Multiline Business	\$8.37
End User - Single Line Business / Residential	\$6.00

**Carrier Common Line**

Premium Originating	N/A	NonPremium Originating	N/A
Premium Terminating	N/A	NonPremium Terminating	N/A

**Traffic Sensitive - Switched**

<b>Premium</b>		<b>NonPremium</b>	
Local Switching	0.004416	Local Switching	0.001987
Information Surcharge	0.000040	Information Surcharge	0.000018
TIC	0.000000	TIC	0.000000

**Tandem Switched**

Termination	0.000756
Facility	0.000277
Switching	0.002101

**Direct Trunked**

VG Termination	\$17.60
VG Facility	\$1.13
DS1 Termination	\$47.86
DS1 Facility	\$17.50
DS1 Multiplexing	\$149.70
DS3 Termination	\$828.91
DS3 Facility	\$52.50
DS3 Multiplexing	\$302.10

**Entrance Facility**

VG2W	\$25.20
VG4W	\$40.32
DS1	\$152.01
DS3	\$2,678.01

**Traffic Sensitive - Special**

Service	Channel		Channel Mileage
	Termination	Facility	Termination
Telegraph 2 Wire	\$30.24	\$2.43	\$18.59
Telegraph 4 Wire	\$45.36	\$2.43	\$18.59
Voice Grade 2 Wire	\$25.20	\$1.13	\$17.60
Voice Grade 4 Wire	\$40.32	\$1.13	\$17.60
Program Audio 3.5 khz	\$20.16	\$1.17	\$16.70
Program Audio 5.0 khz	\$25.20	\$1.96	\$19.71
Program Audio 8.0 khz	\$25.20	\$2.02	\$19.71
Program Audio 15 khz	\$25.20	\$5.73	\$19.71
Digital Data 2.4 Kbps	\$74.75	\$1.31	\$35.28
Digital Data 4.8 Kbps	\$74.75	\$1.31	\$35.28
Digital Data 9.6 Kbps	\$74.75	\$1.31	\$35.28
Digital Data 19.2 Kbps	\$74.75	\$1.31	\$35.28
Digital Data 56 Kbps	\$71.40	\$2.80	\$28.00
Digital Data 64 Kbps	\$71.40	\$2.80	\$28.00
High Capacity 1.544	\$152.01	\$17.50	\$47.86
High Capacity 44.736 Mbps	\$2,678.01	\$52.50	\$828.91

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

End User Rate Development

TEXAS ALLTEL

Ln	End User Rate Development	Source	Amount
1.	BFP Revenue Requirement	Volume 2, Section 2	\$3,331,451
1a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 1	\$0
2.	Special Access Surchargeable Channels	Volume 4	0
3.	Special Access Surcharge Revenues	(Ln 2 * \$25)	\$0
4.	Adjusted BFP Revenue Requirement	(Ln 1 + 1a + 3)	\$3,331,451
5.	Test Period Mean Access Lines	Volume 4	33,183
6.	Annual Cost Per Line	Ln 4 / Ln 5	\$100.40
7.	Capped EUCL Multi-Line Rate		\$9.20
8.	Monthly Cost Per Line	Ln 6 / 12	\$8.37
9.	Monthly EUCL Multi-Line Rate	Smaller of Ln 7 or Ln 8	\$8.37
10.	Monthly EUCL Single Line Rate	Smaller of \$3.50 or Ln 9	\$6.00

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
 Switched Access  
**Nonrecurring Revenues**

TEXAS ALLTEL

Ln	(A) Rate	(B) Test Period Demand	(C)=(A)*(B) Revenues	
1.	Switched Access Service Order, Miscellaneous Service Order and Interim NXX Translation	\$68.00	32	\$2,176
2.	Service Date Change, Design Change	\$18.00	0	\$0
3a.	Switched Access Trunk Conversion/Activation	\$112.00	0	\$0
3b.	Switched Access Installation Voice Grade 2 Wire	\$215.00	0	\$0
3c.	Switched Access Installation Voice Grade 4 Wire	\$215.00	0	\$0
3d.	Switched Access Installation High Capacity DS1	\$303.00	0	\$0
3e.	Switched Access Installation High Capacity DS3	\$333.00	0	\$0
4.	Presubscription	\$5.00	4,583	\$22,915
5.	Unauthorized PIC Change	\$30.00	0	\$0
6.	Total Non-Recurring Revenue Requirement			\$25,091

Sources:

Col (A) - Volume 3

Col (B) - Volume 4

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Local Switching Rate Development**

TEXAS ALLTEL

Ln	Source	Quantity
1.	Local Switching Revenue Requirement (Includes Equal Access Revenue Requirement )	Volume 2, Section 1 \$815,244
1a.	SS7 Revenue Requirement	Volume 2, Section 1 \$24,379
1b.	plus: analog revenue requirement	\$0
1c.	less: DEM Weighting to be recovered through USF	(\$557,960)
1d.	Sub Total	Ln 1 + 1a + 1b - 1c \$281,663
1e.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 2 \$0
1f.	Adjusted Local Switching Revenue Requirement	Ln 1d - 1e \$281,663
2.	Premium Minutes of Use	Volume 4 63,777,767
3.	Non-Premium Minutes of Use	Volume 4 0
4.	Weighted Minutes	Ln 2 + (Ln 3 * 45%) 63,777,767
5.	Premium Local Switching Rate	(Ln 1g / Ln 4) 0.004416
6.	Non-Premium Local Switching Rate	(Ln 5 * 45%) 0.001987

**Information Surcharge Rate Development**

	Source	Quantity
7.	Information Surcharge Revenue Requirement	Volume 2, Section 1 \$2,582
7a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 3 \$0
7b.	Adjusted Information Surcharge Revenue Requirement	Ln 7 + 7a \$2,582
8.	Premium Minutes	Volume 4 63,777,767
9.	Non-Premium Minutes	Volume 4 0
10.	Weighted Minutes	Ln 8 + (Ln 9 * 45%) 63,777,767
11.	Prem Information Surcharge Rate per Minute	(Ln 7b / Ln 10) 0.000040
12.	NPrem Information Surcharge Rate per Minute	(Ln 11 * 45%) 0.000018

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access  
**Miscellaneous Data**

TEXAS ALLTEL

Ln	Source	Quantity
1.	Local Switching MOUs	Page 4, Lns 2 + 3 63,777,767
2.	Pct of Local Switch MOU is Common Tspt MOU	Volume 4, Section 4 70%
3.	Common Transport MOUs	Ln 1 * Ln 2 44,644,437
4.	Total Comm. Tspt Avg Length of Haul (ALOH)	Volume 4, Section 4 13.13
5.	Remote to Host Tspt ALOH	Volume 4, Section 4 7.27
6.	Avg # of Total Terms per Comm. Tspt MOU	Volume 4, Section 4 1.63
7.	Avg # of Terms per Circuit	n/a
8.	Avg # of Remote Terms per Comm. Tspt MOU	Volume 4, Section 4 0.93
9.	Total Comm. Tspt MOU Miles	Ln 3 * Ln 4 586,181,456
10.	Total Remote-Host MOU Miles	Ln 3 * Ln 5 324,565,056
11.	Total Comm. Tspt Terms	Ln 3 * Ln 6 72,770,432
12.	Total Remote-Host Terms	Ln 3 * Ln 8 41,519,326
13.	Tandem Switch MOU % of Comm. Tspt MOU	Volume 4, Section 4 28%
14.	Tandem Switching MOU	Ln 3 * Ln 13 12,500,442

**Tandem Switching Rate Development**

Ln	Source	Quantity
15.	Tandem Switching Revenue Requirement	Volume 2, Section 1 \$15,664
16.	plus: Tandem Switched Port Card Revenue Requirement	\$10,020
17.	plus: Tandem Switched Multiplexer Revenue Requirement	\$575
18.	Adjusted Rate Making Revenue Requirement	\$26,259
19.	Total Tandem Switching MOUs	Line 14 12,500,442
20.	Initial Tandem Switching Rate	Line 18/ Line 19 0.002101

**Tandem Switched Transport Rate Calculation**

22.	DS1 Dedicated Transport Termination Rate (DTT)	Page 10, Line 47, Col (E) \$47.86
23.	DS1 Dedicated Transport Facility Rate (DTF)	Page 10, Line 21, Col (E) \$17.50
24.	DS1 MOU per Voice Grade Equivalent	MOU * 24 VG Equiv 92,328
25.	Tandem Switched Term (TST) Initial Rate	Line 22/Line 24 0.000518
26.	Tandem Switched Facility (TSF) Initial Rate	Line 23/Line 24 0.000190
27.	Tandem Switched Term Adj - Host Remote	Host-Remote Worksheet 0.000238
28.	Tandem Switched Facility Adj - Host Remote	Host-Remote Worksheet 0.000087
29.	TST Rate Before TIC Elimination Adjustment	Line 25 + 27 0.000756
30.	TSF Rate Before TIC Elimination Adjustment	Line 26 + 28 0.000277

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
 Switched Access  
**Direct Trunked Transport Revenues**

TEXAS ALLTEL

Ln	Source	Quantity
1.	VG Dedicated Transport Termination Rate (DTT)	Page 10, Ln 36,Col(E) \$17.60
2.	VG Dedicated Transport Facility Rate (DTF)	Page 10, Ln 20,Col(E) \$1.13
3.	DS1 Dedicated Transport Termination Rate (DTT)	Page 5, Line 22 \$47.86
4.	DS1 Dedicated Transport Facility Rate (DTF)	Page 5, Line 23 \$17.50
5.	DS3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 48,Col(E) \$828.91
6.	DS3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 32,Col(E) \$52.50
6A.	OC3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 49,Col(E) \$1,386.07
6B.	OC3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 33,Col(E) \$151.21
6C.	OC12 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 50,Col(E) \$1,562.48
6D.	OC12 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 34,Col(E) \$226.81
7.	Direct Trunked VG Terminations	Forecast Demand 691
8.	Direct Trunked VG Miles	Vol 4, Sec 4 ALOH * Line 7 7,001
9.	Direct Trunked DS1 Terminations	Forecast Demand 566
10.	Direct Trunked DS1 Miles	Vol 4, Sec 4 ALOH * Line 9 5,179
11.	Direct Trunked DS3 Terminations	Forecast Demand 0
12.	Direct Trunked DS3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12A.	Direct Trunked OC3 Terminations	Forecast Demand 0
12B.	Direct Trunked OC3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12C.	Direct Trunked OC12 Terminations	Forecast Demand 0
12D.	Direct Trunked OC12 Miles	Vol 4, Sec 4 ALOH * Line 11 0
13.	Direct Trunked Termination Revenues	\$39,248
14.	Direct Trunked Facility Revenues	\$98,546
15.	DS1 to Voice Mux	Volume 4, Section 3 0
16.	DS3 to DS1 Mux	Volume 4, Section 3 0
17.	Multiplexing Revenue	(Ln 16 * Pg 9,Ln19)+(Ln 17*Pg 9,Ln 24) \$0
18.	Total Direct Trunked Transport Revenues	(Ln 13+Ln14+Ln 17) <u>\$137,794</u>

**Entrance Facility Revenues**

19.	VG2W Entrance Facility Rate	Page 10, Ln 3,Col(E) \$25.20
20.	VG4W Entrance Facility Rate	Page 10, Ln 4,Col(E) \$40.32
21.	DS1 Entrance Facility Rate	Page 10, Ln 15,Col(E) \$152.01
22.	DS3 Entrance Facility Rate	Page 10, Ln 16,Col(E) \$2,678.01
22A.	OC3 Entrance Facility Rate	Page 10, Ln 17,Col(E) \$1,890.09
22B.	OC12 Entrance Facility Rate	Page 10, Ln 18,Col(E) \$2,142.11
23.	VG 2W Entrance Facilities	Forecast Demand 0
24.	VG 4W Entrance Facilities	Forecast Demand 0
25.	DS1 Entrance Facilities	Forecast Demand 0
26.	DS3 Entrance Facilities	Forecast Demand 0
26A.	OC3 Entrance Facilities	Forecast Demand 0
26B.	OC12 Entrance Facilities	Forecast Demand 0
27.	Total Entrance Facility Revenues	(Ln20*Ln24+Ln21*Ln25+Ln 22*Ln26+Ln19*Ln23+Ln 22A*Ln26A+Ln22B*Ln26B) <u>\$0</u>

**Tandem Switched Transport Revenues**

28.	Term MOUs - Remote to Host	Page 5, Ln 12 41,519,326
29.	MOU Miles - Remote to Host	Page 5,Ln 10 324,565,056
30.	TST Revenues Remote to Host	Ln 28 * Pg5, Ln 29 \$31,371
31.	TSF Revenues Remote to Host	Ln 29 * Page 5, Ln 30 \$89,951
32.	Total Revenues Remote to Host	Line 31+Line 32 <u>\$121,322</u>
33.	Term MOUs - End Office/Host	Page 5, Ln11-Page 5, Ln12 31,251,106
34.	MOU Miles - End Office/Host	Page 5, Ln9-Page 5, Ln10 261,616,400
35.	TST Revenues from End Office/Host	Ln33 * Page 5, Ln 29 \$23,613
36.	TSF Revenues from End Office/Host	Ln34 * Page 5, Ln 30 \$72,505
37.	Total Revenues from End Office/Host	Line 35+Line 36 <u>\$96,117</u>
38.	Total Tandem Switched Transport Revenues	Line 32+Line 37 <u>\$217,439</u>

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Traffic Sensitive Rate Development  
Switched Access

**800 Data Base Query Revenues**

TEXAS ALLTEL

Ln	Source	Quantity
1.	Basic Query Charge per Query	SCP Tariff Rate
		0.001
2.	Total Basic Queries	Volume 4 Section 5
		12,861,403
3.	Enhanced Query Charge per Query	SCP Tariff Rate
		0.0012
4.	Total Enhanced Queries	Volume 4 Section 5
		0
5.	Total 800 Data Base Revenues	Ln 1 * Ln 2 + Ln 3 * Ln 4
		<u>\$12,861</u>

**Transport Interconnection Charge (TIC) Calculation**

Ln	Source	Quantity
6a.	Transport Revenue Requirement	Volume 2, Section 1
		\$419,445
	<u>Revenue Requirement Adjustment</u>	
6b.	Single Bill Settlement, Receivable	Volume 3, Page 10
		\$0
6c.	Single Bill Settlement, Payable	Volume 3, Page 10
		\$0
6d.	Net Settlement	Volume 3, Page 10
		<u>\$0</u>
6e.	Analog Revenue Requirement	
		\$0
6f.	Rate Making Revenue Requirement	L6a+L6d-6e
		<u>\$419,445</u>
7.	Total Direct Trunked Revenues	Page 6, Line 18
		\$137,794
8.	Total Entrance Facility Revenues	Page 6, Line 27
		\$0
8a.	Initial Tandem Switching Revenues	Page 5, Line 18
		\$26,259
9.	Initial Tandem Switched Transport Revenues	Page 6, Line 39
		\$217,439
10.	Total NRC Revenues	Page 3, Line 6
		\$25,091
11.	800 Data Base Query Revenues	Line 5
		\$12,861
11a.	Less: TIC Allocation to Common Line	Page 2, Line 1b
		\$0
11b.	Less: TIC Allocation to Local Switching	Page 4, Line 1f
		\$0
11c.	Less: TIC Allocation to Information Surcharge	Page 4, Line 7a
		\$0
11d.	Less: TIC Allocation to Special Access	Page 9, Line 12a
		\$0
12.	TIC to be allocated to Transport Elements	Ln 6f-(Sum Lns 7 thru 11d)
		\$0
12a.	TIC Rate Adjustment to TST	TIC Elimination Worksheet
		0.000000
12b.	TIC Rate Adjustment to TSF	TIC Elimination Worksheet
		0.000000
12c.	TIC Rate Adjustment to Tandem Switching	TIC Elimination Worksheet
		0.000000
12d.	Additional TST Revenue	Ln 12a * Page 5, Ln 11
		\$0
12e.	Additional TSF Revenue	Ln 12b * Page 5, Ln 9
		\$0
12f.	Additional Tandem Switching Revenue	Ln 12c * Page 5, Ln 19
		\$0
12g.	TIC after TST,TSF, Tandem Switching Adjustments	Ln 12 - 12d - 12e - 12f
		\$-0
12h.	Final TST Rate	Ln 12a + Page 5, Ln 29
		0.000756
12i.	Final TSF Rate	Ln 12b + Page 5, Ln 30
		0.000277
12j.	Final Tandem Switching Rate	Ln 12c + Page 5, Ln 20
		0.002101
13.	Total Premium Local Switching MOUs	Page 4, Line 2
		63,777,767
14.	Total Non-Premium Local Switching MOUs	Page 4, Line 3
		0
15.	Total Weighted MOUs	Line 13 + Line 14 *45%
		<u>63,777,767</u>
16.	Premium TIC	Line 12g / Line 15
		0.000000
17.	Non-Premium TIC	Line 16 * 45%
		0.000000

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access**  
**Nonrecurring Revenues**

TEXAS ALLTEL

Ln		(A) NRC Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Installation/Provisions			
1.	Telegraph 2W/4W	\$196.00	0	\$0
2.	Voice Grade 2W/4W	\$215.00	18	\$3,870
3.	Program Audio	\$190.00	0	\$0
4.	Digital Data	\$140.00	21	\$2,940
5.	High Capacity 1.544	\$303.00	30	\$9,090
6.	High Capacity 44.736	\$333.00	0	\$0
7.	ADSL Access Port	\$99.95	0	\$0
8.	ADSL Logical Link	\$19.95	0	\$0
9.	ADSL Network Access Link - DS1	\$499.95	0	\$0
9.	ADSL Network Access Link - DS3	\$700.00	0	\$0
	<u>Orders</u>			
10.	Special Access Orders	\$68.00	43	\$2,924
11.	Date Change / Design Change	\$18.00	0	\$0
12.	Total NRC Revenues			<u>\$18,824</u>

Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**Optional Feature and Function Revenues**

Ln	Feature	(A) Monthly OFF Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Bridging	\$5.80	0	\$0
2.	C-Conditioning	\$19.30	0	\$0
3.	Data Conditioning	\$19.30	0	\$0
4.	Improved Return Loss 2W/4W	\$18.50	0	\$0
5.	Signaling Capability	\$2.70	0	\$0
6.	Customer Specified Receive Level	\$12.70	0	\$0
7.	Digital Data Channel Service Unit 9.6 Kbps	\$24.20	0	\$0
8.	Selective Signaling Arrangement	\$18.50	0	\$0
9.	Multiplexing DS1 to Voice	\$149.70	0	\$0
10.	Multiplexing DS1 to DSO	\$149.70	0	\$0
11.	Improved Termination Option, per CT 2 Wire	\$10.98	0	\$0
12.	Improved Termination Option, per CT 4 Wire	\$10.98	0	\$0
13.	Program Audio Conditioning - zero loss	\$12.00	0	\$0
14.	Multiplexing DS3 to DS1	\$302.10	0	\$0
15.	ADSL Access Port 1	\$29.95	0	\$0
16.	ADSL Access Port 2	\$59.95	0	\$0
17.	ADSL Access Port 3	\$119.95	0	\$0
18.	ADSL Additional Logical Link	\$19.95	0	\$0
19.	ADSL Network Access Link - Per DS1	\$399.95	0	\$0
20.	ADSL Network Access Link - Per DS3	\$2,950.00	0	\$0
21.	ADSL Additional Logical Access Link Blocks	\$99.95	0	\$0
22.	Total Optional Special Access Revenues			<u>\$0</u>

Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access  
ICB Revenues**

TEXAS ALLTEL

Ln	Rate Element	Source	Test Period
1.	Channel Termination ICB Revenues	Volume 3	\$0
2.	Channel Mileage Facility ICB Revenues	Volume 3	\$0
3.	Channel Mileage Termination ICB Revenues	Volume 3	\$0
4.	Total ICB Revenues (Ln 6 * Ln 7)		\$0

**Special Access Revenue Requirement Adjustment**

5.	Single Bill Settlement , Receivable	Volume 3	\$0
6.	Single Bill Settlement , Payable	Volume 3	\$0
7.	Single Bill Settlement , Net Adjustment	Line 5+ Line 6	\$0

**Revenue Requirement**

	Source	
8.	Total Special Access Rev Req	Volume 2, Section 1 \$819,903
9.	(+)/(-) Single Bill Settlement Adjustment	Line 7 \$0
10.	Less: Nonrecurring Charge Revs	Page 8, Line 12 (\$18,824)
11.	Less: Optional Feature & Function Revs	Page 8, Line 21 \$-0
12.	Less: ICB revenues	Line 4 \$-0
12a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 5 \$0
13.	Total Rate Making Rev Req	Sum (Lines 8 thru 12a) \$801,079

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Special Access**

TEXAS ALLTEL

Ln	Channel Termination	(A) Index	(B) Test Period Demand	(C)=A*B Annualized Weighted Demand	(D) CT Rev Req	(E) CT Rate
1	Telegraph 2 Wire	1.2000	0	0		\$30.24
2	Telegraph 4 Wire	1.8000	0	0		\$45.36
3	Voice Grade 2 Wire	1.0000	6	6		\$25.20
4	Voice Grade 4 Wire	1.6000	363	581		\$40.32
5	Program Audio 3.5 khz	0.8000	0	0		\$20.16
6	Program Audio 5.0 khz	1.0000	0	0		\$25.20
7	Program Audio 8.0 khz	1.0000	0	0		\$25.20
8	Program Audio 15 khz	1.0000	0	0		\$25.20
9	Digital Data 2.4 Kbps	2.9660	0	0		\$74.75
10	Digital Data 4.8 Kbps	2.9660	0	0		\$74.75
11	Digital Data 9.6 Kbps	2.9660	24	71		\$74.75
12	Digital Data 19.2 Kbps	2.9660	24	71		\$74.75
13	Digital Data 56 Kbps	2.8333	1,035	2,933		\$71.40
14	Digital Data 64 Kbps	2.8333	93	264		\$71.40
15	High Capacity 1.54 Mbps	6.0319	1,752	10,568		\$152.01
16	High Capacity 44.746	106.2651	0	0		\$2,678.01
17	SOCS OC3	75.0000	0	0		\$1,890.09
18	SOCS OC12	85.0000	0	0		\$2,142.11
			<u>3,297</u>	<u>14,493</u>		

CMF  
Rate

Ln	Channel Mileage Facility	(A)	(B)	(C)=A*B	(D)	(E)
19	Telegraph	0.0964	0	0		\$2.43
20	Voice Grade	0.0448	3,739	167		\$1.13
21	Program Audio 3.5 khz	0.0464	0	0		\$1.17
22	Program Audio 5.0 khz	0.0776	0	0		\$1.96
23	Program Audio 8.0 khz	0.0800	0	0		\$2.02
24	Program Audio 15 khz	0.2272	0	0		\$5.73
25	Digital Data 2.4 Kbps	0.0520	0	0		\$1.31
26	Digital Data 4.8 Kbps	0.0520	0	0		\$1.31
27	Digital Data 9.6 Kbps	0.0520	141	7		\$1.31
28	Digital Data 19.2 Kbps	0.0520	141	7		\$1.31
29	Digital Data 56 Kbps	0.1111	10,805	1,201		\$2.80
30	Digital Data 64 Kbps	0.1111	971	108		\$2.80
31	High Capacity 1.544	0.6944	16,032	11,133		\$17.50
32	High Capacity 44.736	2.0833	0	0		\$52.50
33	SOCS OC3	6.0000	0	0		\$151.21
34	SOCS OC12	9.0000	0	0		\$226.81
			<u>31,829</u>	<u>12,624</u>		

CMT  
Rate

Ln	Channel Mileage Termination	(A)	(B)	(C)=A*B	(D)	(E)
35	Telegraph	0.7376	0	0		\$18.59
36	Voice Grade	0.6984	369	258		\$17.60
37	Program Audio 3.5 khz	0.6628	0	0		\$16.70
38	Program Audio 5.0 khz	0.7820	0	0		\$19.71
39	Program Audio 8.0 khz	0.7820	0	0		\$19.71
40	Program Audio 15 khz	0.7820	0	0		\$19.71
41	Digital Data 2.4 Kbps	1.4000	0	0		\$35.28
42	Digital Data 4.8 Kbps	1.4000	0	0		\$35.28
43	Digital Data 9.6 Kbps	1.4000	18	25		\$35.28
44	Digital Data 19.2 Kbps	1.4000	18	25		\$35.28
45	Digital Data 56 Kbps	1.1111	991	1,101		\$28.00
46	Digital Data 64 Kbps	1.1111	89	99		\$28.00
47	High Capacity 1.544	1.8989	1,665	3,162		\$47.86
48	High Capacity 44.736 Mbps	32.8916	0	0		\$828.91
49	SOCS OC3	55.0000	0	0		\$1,386.07
50	SOCS OC12	62.0000	0	0		\$1,562.48
			<u>3,150</u>	<u>4,670</u>		
			<u>31,787</u>	<u>\$801,079</u>		

Col (A) = Volume 3  
Col (B) = Volume 4, Section 4  
Col (C) = Col (A) \* Col (B) Col (C) Total  
Col (D) = Page 9, Line 13

**ALLTEL Telephone Services Corporation**  
**2002 Annual Tariff Filing, Revised June 28, 2002**

**Special Access**  
**Calculation of Recurring Special Access Revenues**

## TEXAS ALLTEL

Ln	Service	(A) CT Rate	(B) CT Revenue	(C) CMF Rate	(D) CMF Revenue*	(E) CMT Rate	(F) CMT Revenue*
1.	Telegraph 2 Wire	\$30.24	\$0				
2.	Telegraph 4 Wire	\$45.36	\$0	\$2.43	\$0	\$18.59	\$0
3.	Voice Grade 2 Wire	\$25.20	\$151				
4.	Voice Grade 4 Wire	\$40.32	\$14,637	\$1.13	\$4,221	\$17.60	\$6,495
5.	Program Audio 3.5 khz	\$20.16	\$0	\$1.17	\$0	\$16.70	\$0
6.	Program Audio 5.0 khz	\$25.20	\$0	\$1.96	\$0	\$19.71	\$0
7.	Program Audio 8.0 khz	\$25.20	\$0	\$2.02	\$0	\$19.71	\$0
8.	Program Audio 15 khz	\$25.20	\$0	\$5.73	\$0	\$19.71	\$0
9.	Digital Data 2.4 Kbps	\$74.75	\$0	\$1.31	\$0	\$35.28	\$0
10.	Digital Data 4.8 Kbps	\$74.75	\$0	\$1.31	\$0	\$35.28	\$0
11.	Digital Data 9.6 Kbps	\$74.75	\$1,794	\$1.31	\$185	\$35.28	\$635
12.	Digital Data 19.2 Kbps	\$74.75	\$1,794	\$1.31	\$185	\$35.28	\$635
13.	Digital Data 56 Kbps	\$71.40	\$73,903	\$2.80	\$30,255	\$28.00	\$27,748
14.	Digital Data 64 Kbps	\$71.40	\$6,641	\$2.80	\$2,719	\$28.00	\$2,493
15.	High Capacity 1.544	\$152.01	\$266,325	\$17.50	\$280,571	\$47.86	\$79,692
16.	High Capacity 44.736	\$2,678.01	\$0	\$52.50	\$0	\$828.91	\$0
16.	SOCS OC3	\$1,890.09	\$0	\$151.21	\$0	\$1,386.07	\$0
16.	SOCS OC12	\$2,142.11	\$0	\$226.81	\$0	\$1,562.48	\$0
			\$365,244		\$318,136		\$117,699

## Sources:

<p>Cols (A), (C) and (E) = Page 10, Col (E)  Col (B) = Col (A) * Page 10, Col (B)  Col (D) = Col (C) * Page 10, Col (B)  Col (F) = Col (E) * Page 10, Col (B)</p>
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**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Special Access  
**Crossover Analysis**

TEXAS ALLTEL

**Voice Grade to Hi Cap DS1**

Config	Element	(A)	(B)
		Voice Grade 4 Wire	Hi-Cap 1.544 Mbps
2	CT	\$80.64	\$304.02
10	CMF	\$11.29	\$175.01
2	CMT	\$35.20	\$95.71
Total Config		\$127.14	\$574.74

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DS1 to VG 4W Crossover (Total Col (B) / Total Col (A)) 4.52

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Sources:

Col (A) = Config Column * VG4W Rates from Page 11
Col (B) = Config Column * Hi Cap 1.544 Rates from Page 11

**Transport Benchmark**

Config	Element	(A)	(B)
		DS1	DS3
1	CT	\$152.01	\$2,678.01
10	CMF	\$175.01	\$525.03
2	CMT	\$95.71	\$1,657.82
1	MUX	n/a	\$302.10
Total Config		\$422.73	\$5,162.95

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DS3 to DS1 Crossover (Total Col (B) / Total Col (A)) 12.21

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Sources:

Col (A) = Config Column * DS1 Rates from Page 11
Col (B) = Config Column * DS3 Rates from Page 11

**Calculation of Host-Remote / TIC Adjustment  
(FCC 97-158, 1st Report & Order, Para 220)**

	Before Host Remote Adj	After Host Remote Adj
TST Revenues Remote to Host	\$21,507	
TSF Revenues Remote to Host	\$61,667	
Total Revenues Remote to Host	\$83,174	
TST Remote/Host MOU TERM's	41,519,326	
TSF Remote/Host MOU/Miles	324,565,056	
Total Host-Remote Investment	\$935,449	
Total Interstate TS SW Rev Req	\$1,261,650	
Total Interstate TS SW TPIS	\$6,764,328	
Total Interstate TS SW Factor	0.186515	
Total Host-Remote Rev Req	\$224,475	
Total Shortfall going to TIC		\$191,301
TST Shortfall going to TIC		\$49,466
TSF Shortfall going to TIC		\$141,835
TST Rate adj for H-R		0.000680
TSF Rate adj for H-R		0.000242
Total Transport Rev Req (Ln 6h)	\$419,445	
Less: Direct Trunk Revenues	\$137,794	
Less: Entrance Facility Revenues	\$0	
Less: Tandem Switching Revenues	\$26,259	
Less: NRC Revenues	\$25,091	
Less: 800 DBQ Revenues	\$12,861	
Requirement from Common Tspt	\$217,439	
Total Common TST MOU Terms	72,770,432	
Total Common TSF MOU/Miles	586,181,456	
Initial TST rate (Ln 17 workpapers)	\$0.000518	
Initial TSF rate (Ln 18 workpapers)	\$0.000190	
Initial TST Revenues	\$37,695	
Initial TSF Revenues	\$111,374	
Initial total TST/TSF revenues	\$149,070	
Maximum TST rev req		\$54,984
Maximum TSF rev req		\$162,455
Maximum TST rate adj		\$0.000238
Maximum TSF rate adj		\$0.000087
Adj needed to TST Rate		0.000238
Adj needed to TSF Rate		0.000087

**ALLTEL Telephone Services Corporation**  
**Transport Interconnection Charge (TIC) Revenue Allocation**  
**Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 14**

TEXAS ALLTEL	Source	Revenue Requirement	% of Total	TIC Amount Reallocated
1. Common Line	TRP Form COS1-P Line 100 Less USF Contribution	\$3,148,109	67.39%	\$0
2. Local Switching	Volume 5, Page 4, Ln 1d	\$281,663	6.03%	\$0
3. Information	Volume 5, Page 4, Ln 7	\$2,582	0.06%	\$0
4. Transport Less TIC Revenue	ACR-1 Projected (Column I)	\$419,445	8.98%	\$0
5. Special Access Total	Volume 5, Page 9, Ln 8	\$819,903 \$4,671,701	17.55%	\$0
6. TIC Revenue July 00 - June 01	CABS Billing	\$0		
7. Projected TIC Revenues	Revised June 28, 2002 Annual Tariff Filing, Vol 5, Pg	\$0		
8. TIC to be allocated	Minimum CABS Billed or Projected	\$0		

**ALLTEL Telephone Services Corporation  
 Transport Interconnection Charge (TIC) Elimination  
 Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 15**

TEXAS ALLTEL		Source	Revenue Requirement	% of Total	TIC Amount Reallocated
1.	Tandem Switching	Volume 5, Page 5, Line 18	\$26,259	10.78%	\$0
2.	Initial Tandem Switched Termination Revenue	Volume 5, Page 6, Lns 30 + 35	\$54,984	22.56%	\$0
3.	Initial Tandem Switched Facility Revenue	Volume 5, Page 6, Lns 31 + 36	\$162,455	66.66%	\$0
4.	Total		\$243,699		
5.	TIC to be allocated to Transport Elements	Volume 5, Page 7, line 12	\$0		
6.	TIC Rate Adjustment - Tandem Switching	Ln 1 / Volume 5, Page 5, Line 19	0.000000		
7.	TIC Rate Adjustment - TST	Ln 2 / Volume 5, Page 5, Line 11	0.000000		
8.	TIC Rate Adjustment - TSF	Ln 3 / Volume 5, Page 5, Line 9	0.000000		

**ALLTEL Telephone Services Corporation  
2002 Annual Access Tariff Filing, Revised June 28, 2002**

**Rate Development Summary**

**WESTERN RESERVE TELEPHONE**

**End User**

End User - Multiline Business	\$5.84
End User - Single Line Business / Residential	\$5.84

**Carrier Common Line**

Premium Originating	N/A	NonPremium Originating	N/A
Premium Terminating	N/A	NonPremium Terminating	N/A

**Traffic Sensitive - Switched**

<b>Premium</b>		<b>NonPremium</b>	
Local Switching	0.005814	Local Switching	0.002616
Information Surcharge	0.000205	Information Surcharge	0.000092
TIC	0.000000	TIC	0.000000

**Tandem Switched**

Termination	0.000521
Facility	0.000165
Switching	0.007973

**Direct Trunked**

VG Termination	\$8.21
VG Facility	\$0.22
DS1 Termination	\$63.76
DS1 Facility	\$20.29
DS1 Multiplexing	\$149.70
DS3 Termination	\$677.34
DS3 Facility	\$68.42
DS3 Multiplexing	\$302.10

**Entrance Facility**

VG2W	\$14.49
VG4W	\$23.19
DS1	\$143.32
DS3	\$2,266.06

**Traffic Sensitive - Special**

Service	Channel	Channel Mileage	
	Termination	Facility	Termination
Telegraph 2 Wire	\$18.73	\$0.79	\$8.54
Telegraph 4 Wire	\$21.30	\$0.79	\$8.54
Voice Grade 2 Wire	\$14.49	\$0.22	\$8.21
Voice Grade 4 Wire	\$23.19	\$0.22	\$8.21
Program Audio 3.5 khz	\$15.04	\$1.18	\$10.62
Program Audio 5.0 khz	\$32.73	\$1.77	\$18.87
Program Audio 8.0 khz	\$32.73	\$2.36	\$18.87
Program Audio 15 khz	\$32.73	\$4.13	\$18.87
Digital Data 2.4 Kbps	\$64.88	\$0.83	\$8.99
Digital Data 4.8 Kbps	\$64.88	\$0.83	\$8.99
Digital Data 9.6 Kbps	\$64.88	\$0.83	\$8.99
Digital Data 19.2 Kbps	\$64.88	\$0.83	\$8.99
Digital Data 56 Kbps	\$64.88	\$0.83	\$8.99
Digital Data 64 Kbps	\$64.88	\$0.83	\$8.99
High Capacity 1.544	\$143.32	\$20.29	\$63.76
High Capacity 44.736 Mbps	\$2,266.06	\$68.42	\$677.34

**ALLTEL Telephone Services Corporation**  
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End User Rate Development

WESTERN RESERVE TELEPHONE

Ln	End User Rate Development	Source	Amount
1.	BFP Revenue Requirement	Volume 2, Section 2	\$13,070,509
1a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 1	\$0
2.	Special Access Surchargeable Channels	Volume 4	0
3.	Special Access Surcharge Revenues	(Ln 2 * \$25)	\$0
4.	Adjusted BFP Revenue Requirement	(Ln 1 + 1a + 3)	\$13,070,509
5.	Test Period Mean Access Lines	Volume 4	186,363
6.	Annual Cost Per Line	Ln 4 / Ln 5	\$70.13
7.	Capped EUCL Multi-Line Rate		\$9.20
8.	Monthly Cost Per Line	Ln 6 / 12	\$5.84
9.	Monthly EUCL Multi-Line Rate	Smaller of Ln 7 or Ln 8	\$5.84
10.	Monthly EUCL Single Line Rate	Smaller of \$3.50 or Ln 9	\$5.84

**ALLTEL Telephone Services Corporation**  
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Traffic Sensitive Rate Development  
 Switched Access  
**Nonrecurring Revenues**

WESTERN RESERVE TELEPHONE

Ln	(A) Rate	(B) Test Period Demand	(C)=(A)*(B) Revenues	
1.	Switched Access Service Order, Miscellaneous Service Order and Interim NXX Translation	\$68.00	146	\$9,928
2.	Service Date Change, Design Change	\$18.00	0	\$0
3a.	Switched Access Trunk Conversion/Activation	\$112.00	0	\$0
3b.	Switched Access Installation Voice Grade 2 Wire	\$215.00	0	\$0
3c.	Switched Access Installation Voice Grade 4 Wire	\$215.00	0	\$0
3d.	Switched Access Installation High Capacity DS1	\$303.00	0	\$0
3e.	Switched Access Installation High Capacity DS3	\$333.00	0	\$0
4.	Presubscription	\$5.00	29,132	\$145,660
5.	Unauthorized PIC Change	\$30.00	0	\$0
6.	Total Non-Recurring Revenue Requirement			\$155,588

Sources:  
 Col (A) - Volume 3  
 Col (B) - Volume 4

**ALLTEL Telephone Services Corporation**  
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Traffic Sensitive Rate Development  
Switched Access  
**Local Switching Rate Development**

## WESTERN RESERVE TELEPHONE

Ln	Source	Quantity
1.	Local Switching Revenue Requirement (Includes Equal Access Revenue Requirement )	Volume 2, Section 1 \$3,238,412
1a.	SS7 Revenue Requirement	Volume 2, Section 1 \$114,962
1b.	plus: analog revenue requirement	\$0
1c.	less: DEM Weighting to be recovered through USF	\$0
1d.	Sub Total	Ln 1 + 1a + 1b - 1c \$3,353,373
1e.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 2 \$0
1f.	Adjusted Local Switching Revenue Requirement	Ln 1d - 1e \$3,353,373
2.	Premium Minutes of Use	Volume 4 576,775,100
3.	Non-Premium Minutes of Use	Volume 4 0
4.	Weighted Minutes	Ln 2 + (Ln 3 * 45%) 576,775,100
5.	Premium Local Switching Rate	(Ln 1g / Ln 4) 0.005814
6.	Non-Premium Local Switching Rate	(Ln 5 * 45%) 0.002616

**Information Surcharge Rate Development**

	Source	Quantity
7.	Information Surcharge Revenue Requirement	Volume 2, Section 1 \$118,112
7a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 3 \$0
7b.	Adjusted Information Surcharge Revenue Requirement	Ln 7 + 7a \$118,112
8.	Premium Minutes	Volume 4 576,775,100
9.	Non-Premium Minutes	Volume 4 0
10.	Weighted Minutes	Ln 8 + (Ln 9 * 45%) 576,775,100
11.	Prem Information Surcharge Rate per Minute	(Ln 7b / Ln 10) 0.000205
12.	NPrem Information Surcharge Rate per Minute	(Ln 11 * 45%) 0.000092

**ALLTEL Telephone Services Corporation  
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Traffic Sensitive Rate Development  
Switched Access  
**Miscellaneous Data**

## WESTERN RESERVE TELEPHONE

Ln	Source	Quantity	
1.	Local Switching MOUs	Page 4, Lns 2 + 3	576,775,100
2.	Pct of Local Switch MOU is Common Tspt MOU	Volume 4, Section 4	43%
3.	Common Transport MOUs	Ln 1 * Ln 2	248,013,293
4.	Total Comm. Tspt Avg Length of Haul (ALOH)	Volume 4, Section 4	9.30
5.	Remote to Host Tspt ALOH	Volume 4, Section 4	4.72
6.	Avg # of Total Terms per Comm. Tspt MOU	Volume 4, Section 4	1.97
7.	Avg # of Terms per Circuit		n/a
8.	Avg # of Remote Terms per Comm. Tspt MOU	Volume 4, Section 4	1.08
9.	Total Comm. Tspt MOU Miles	Ln 3 * Ln 4	2,306,523,625
10.	Total Remote-Host MOU Miles	Ln 3 * Ln 5	1,170,622,743
11.	Total Comm. Tspt Terms	Ln 3 * Ln 6	488,586,187
12.	Total Remote-Host Terms	Ln 3 * Ln 8	267,854,356
13.	Tandem Switch MOU % of Comm. Tspt MOU	Volume 4, Section 4	34%
14.	Tandem Switching MOU	Ln 3 * Ln 13	84,324,520

**Tandem Switching Rate Development**

Ln	Source	Quantity	
15.	Tandem Switching Revenue Requirement	Volume 2, Section 1	\$637,239
16.	plus: Tandem Switched Port Card Revenue Requirement		\$28,493
17.	plus: Tandem Switched Multiplexer Revenue Requirement		\$6,566
18.	Adjusted Rate Making Revenue Requirement		\$672,298
19.	Total Tandem Switching MOUs	Line 14	84,324,520
20.	Initial Tandem Switching Rate	Line 18/ Line 19	0.007973

**Tandem Switched Transport Rate Calculation**

22.	DS1 Dedicated Transport Termination Rate (DTT)	Page 10, Line 47, Col (E)	\$63.76
23.	DS1 Dedicated Transport Facility Rate (DTF)	Page 10, Line 21, Col (E)	\$20.29
24.	DS1 MOU per Voice Grade Equivalent	MOU * 24 VG Equiv	97,344
25.	Tandem Switched Term (TST) Initial Rate	Line 22/Line 24	0.000655
26.	Tandem Switched Facility (TSF) Initial Rate	Line 23/Line 24	0.000208
27.	Tandem Switched Term Adj - Host Remote	Host-Remote Worksheet	-0.000134
28.	Tandem Switched Facility Adj - Host Remote	Host-Remote Worksheet	-0.000043
29.	TST Rate Before TIC Elimination Adjustment	Line 25 + 27	0.000521
30.	TSF Rate Before TIC Elimination Adjustment	Line 26 + 28	0.000165

**ALLTEL Telephone Services Corporation**  
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Traffic Sensitive Rate Development  
Switched Access  
**Direct Trunked Transport Revenues**

## WESTERN RESERVE TELEPHONE

Ln	Source	Quantity
1.	VG Dedicated Transport Termination Rate (DTT)	Page 10, Ln 36,Col(E) \$8.21
2.	VG Dedicated Transport Facility Rate (DTF)	Page 10, Ln 20,Col(E) \$0.22
3.	DS1 Dedicated Transport Termination Rate (DTT)	Page 5, Line 22 \$63.76
4.	DS1 Dedicated Transport Facility Rate (DTF)	Page 5, Line 23 \$20.29
5.	DS3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 48,Col(E) \$677.34
6.	DS3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 32,Col(E) \$68.42
6A.	OC3 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 49,Col(E) \$1,159.32
6B.	OC3 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 33,Col(E) \$130.42
6C.	OC12 Dedicated Transport Termination Rate (DTT)	Page 10, Ln 50,Col(E) \$1,376.69
6D.	OC12 Dedicated Transport Facility Rate (DTF)	Page 10, Ln 34,Col(E) \$202.88
7.	Direct Trunked VG Terminations	Forecast Demand 310
8.	Direct Trunked VG Miles	Vol 4, Sec 4 ALOH * Line 7 1,568
9.	Direct Trunked DS1 Terminations	Forecast Demand 4,627
10.	Direct Trunked DS1 Miles	Vol 4, Sec 4 ALOH * Line 9 25,657
11.	Direct Trunked DS3 Terminations	Forecast Demand 0
12.	Direct Trunked DS3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12A.	Direct Trunked OC3 Terminations	Forecast Demand 0
12B.	Direct Trunked OC3 Miles	Vol 4, Sec 4 ALOH * Line 11 0
12C.	Direct Trunked OC12 Terminations	Forecast Demand 0
12D.	Direct Trunked OC12 Miles	Vol 4, Sec 4 ALOH * Line 11 0
13.	Direct Trunked Termination Revenues	\$297,573
14.	Direct Trunked Facility Revenues	\$520,874
15.	DS1 to Voice Mux	Volume 4, Section 3 68
16.	DS3 to DS1 Mux	Volume 4, Section 3 43
17.	Multiplexing Revenue	(Ln 16 * Pg 9,Ln19)+(Ln 17*Pg 9,Ln 24) \$23,170
18.	Total Direct Trunked Transport Revenues	(Ln 13+Ln14+Ln 17) <u>\$841,617</u>

**Entrance Facility Revenues**

19.	VG2W Entrance Facility Rate	Page 10, Ln 3,Col(E) \$14.49
20.	VG4W Entrance Facility Rate	Page 10, Ln 4,Col(E) \$23.19
21.	DS1 Entrance Facility Rate	Page 10, Ln 15,Col(E) \$143.32
22.	DS3 Entrance Facility Rate	Page 10, Ln 16,Col(E) \$2,266.06
22A.	OC3 Entrance Facility Rate	Page 10, Ln 17,Col(E) \$1,666.52
22B.	OC12 Entrance Facility Rate	Page 10, Ln 18,Col(E) \$1,956.35
23.	VG 2W Entrance Facilities	Forecast Demand 0
24.	VG 4W Entrance Facilities	Forecast Demand 0
25.	DS1 Entrance Facilities	Forecast Demand 783
26.	DS3 Entrance Facilities	Forecast Demand 32
26A.	OC3 Entrance Facilities	Forecast Demand 0
26B.	OC12 Entrance Facilities	Forecast Demand 0
27.	Total Entrance Facility Revenues	(Ln20*Ln24+Ln21*Ln25+Ln 22*Ln26+Ln19*Ln23+Ln 22A*Ln26A+Ln22B*Ln26B) <u>\$184,735</u>

**Tandem Switched Transport Revenues**

28.	Term MOUs - Remote to Host	Page 5, Ln 12 267,854,356
29.	MOU Miles - Remote to Host	Page 5,Ln 10 1,170,622,743
30.	TST Revenues Remote to Host	Ln 28 * Pg5, Ln 29 \$139,492
31.	TSF Revenues Remote to Host	Ln 29 * Page 5, Ln 30 \$193,593
32.	Total Revenues Remote to Host	Line 31+Line 32 <u>\$333,085</u>
33.	Term MOUs - End Office/Host	Page 5, Ln11-Page 5, Ln12 220,731,831
34.	MOU Miles - End Office/Host	Page 5, Ln9-Page 5, Ln10 1,135,900,882
35.	TST Revenues from End Office/Host	Ln33 * Page 5, Ln 29 \$114,952
36.	TSF Revenues from End Office/Host	Ln34 * Page 5, Ln 30 \$187,851
37.	Total Revenues from End Office/Host	Line 35+Line 36 <u>\$302,802</u>
38.	Total Tandem Switched Transport Revenues	Line 32+Line 37 <u>\$635,887</u>

**ALLTEL Telephone Services Corporation**  
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Traffic Sensitive Rate Development  
Switched Access

**800 Data Base Query Revenues**

WESTERN RESERVE TELEPHONE

Ln	Source	Quantity
1.	Basic Query Charge per Query	SCP Tariff Rate
2.	Total Basic Queries	Volume 4 Section 5
3.	Enhanced Query Charge per Query	SCP Tariff Rate
4.	Total Enhanced Queries	Volume 4 Section 5
5.	Total 800 Data Base Revenues	Ln 1 * Ln 2 + Ln 3 * Ln 4
		0.001 60,253,578 0.0012 0 \$60,254

**Transport Interconnection Charge (TIC) Calculation**

Ln	Source	Quantity
6a.	Transport Revenue Requirement	Volume 2, Section 1
	Revenue Requirement Adjustment	
6b.	Single Bill Settlement, Receivable	Volume 3, Page 10
6c.	Single Bill Settlement, Payable	Volume 3, Page 10
6d.	Net Settlement	Volume 3, Page 10
6e.	Analog Revenue Requirement	
6f.	Rate Making Revenue Requirement	L6a+L6d-6e
7.	Total Direct Trunked Revenues	Page 6, Line 18
8.	Total Entrance Facility Revenues	Page 6, Line 27
8a.	Initial Tandem Switching Revenues	Page 5, Line 18
9.	Initial Tandem Switched Transport Revenues	Page 6, Line 39
10.	Total NRC Revenues	Page 3, Line 6
11.	800 Data Base Query Revenues	Line 5
11a.	Less: TIC Allocation to Common Line	Page 2, Line 1b
11b.	Less: TIC Allocation to Local Switching	Page 4, Line 1f
11c.	Less: TIC Allocation to Information Surcharge	Page 4, Line 7a
11d.	Less: TIC Allocation to Special Access	Page 9, Line 12a
12.	TIC to be allocated to Transport Elements	Ln 6f-(Sum Lns 7 thru 11d)
12a.	TIC Rate Adjustment to TST	TIC Elimination Worksheet
12b.	TIC Rate Adjustment to TSF	TIC Elimination Worksheet
12c.	TIC Rate Adjustment to Tandem Switching	TIC Elimination Worksheet
12d.	Additional TST Revenue	Ln 12a * Page 5, Ln 11
12e.	Additional TSF Revenue	Ln 12b * Page 5, Ln 9
12f.	Additional Tandem Switching Revenue	Ln 12c * Page 5, Ln 19
12g.	TIC after TST,TSF, Tandem Switching Adjustments	Ln 12 - 12d - 12e - 12f
12h.	Final TST Rate	Ln 12a + Page 5, Ln 29
12i.	Final TSF Rate	Ln 12b + Page 5, Ln 30
12j.	Final Tandem Switching Rate	Ln 12c + Page 5, Ln 20
13.	Total Premium Local Switching MOUs	Page 4, Line 2
14.	Total Non-Premium Local Switching MOUs	Page 4, Line 3
15.	Total Weighted MOUs	Line 13 + Line 14 *45%
16.	Premium TIC	Line 12g / Line 15
17.	Non-Premium TIC	Line 16 * 45%
		\$2,550,380 \$841,617 \$184,735 \$672,298 \$635,887 \$155,588 \$60,254 \$0 \$0 \$0 \$0 (\$0) -0.000000 -0.000000 -0.000000 (\$0) (\$0) (\$0) \$0 0.000521 0.000165 0.007973 576,775,100 0 576,775,100 0.000000 0.000000

**ALLTEL Telephone Services Corporation**  
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**Special Access**  
**Nonrecurring Revenues**

WESTERN RESERVE TELEPHONE

Ln		(A) NRC Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Installation/Provisions			
1.	Telegraph 2W/4W	\$196.00	0	\$0
2.	Voice Grade 2W/4W	\$215.00	3	\$645
3.	Program Audio	\$190.00	0	\$0
4.	Digital Data	\$140.00	90	\$12,600
5.	High Capacity 1.544	\$303.00	411	\$124,533
6.	High Capacity 44.736	\$333.00	24	\$7,992
7.	ADSL Access Port	\$99.95	0	\$0
8.	ADSL Logical Link	\$19.95	3	\$60
9.	ADSL Network Access Link - DS1	\$499.95	0	\$0
9.	ADSL Network Access Link - DS3	\$700.00	0	\$0
	<u>Orders</u>			
10.	Special Access Orders	\$68.00	505	\$34,340
11.	Date Change / Design Change	\$18.00	0	\$0
12.	Total NRC Revenues			<u>\$180,170</u>

Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

**Optional Feature and Function Revenues**

Ln	Feature	(A) Monthly OFF Rate	(B) Test Period Demand	(C)=(A)*(B) Test Period Revenues
1.	Bridging	\$5.80	96	\$557
2.	C-Conditioning	\$19.30	12	\$232
3.	Data Conditioning	\$19.30	48	\$926
4.	Improved Return Loss 2W/4W	\$18.50	0	\$0
5.	Signaling Capability	\$2.70	156	\$421
6.	Customer Specified Receive Level	\$12.70	12	\$152
7.	Digital Data Channel Service Unit 9.6 Kbps	\$24.20	0	\$0
8.	Selective Signaling Arrangement	\$18.50	0	\$0
9.	Multiplexing DS1 to Voice	\$149.70	303	\$45,359
10.	Multiplexing DS1 to DSO	\$149.70	42	\$6,287
11.	Improved Termination Option, per CT 2 Wire	\$10.98	0	\$0
12.	Improved Termination Option, per CT 4 Wire	\$10.98	0	\$0
13.	Program Audio Conditioning - zero loss	\$12.00	0	\$0
14.	Multiplexing DS3 to DS1	\$302.10	162	\$48,940
15.	ADSL Access Port 1	\$29.95	58,891	\$1,763,785
16.	ADSL Access Port 2	\$59.95	2,310	\$138,485
17.	ADSL Access Port 3	\$119.95	3,994	\$479,080
18.	ADSL Additional Logical Link	\$19.95	0	\$0
19.	ADSL Network Access Link - Per DS1	\$399.95	164	\$65,592
20.	ADSL Network Access Link - Per DS3	\$2,950.00	0	\$0
21.	ADSL Additional Logical Access Link Blocks	\$99.95	99	\$9,895
22.	Total Optional Special Access Revenues			<u>\$2,559,712</u>

Sources:

Col (A) Rates from Volume 3
Col (B) Demand from Volume 4, Section 4.

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**Special Access  
ICB Revenues**

WESTERN RESERVE TELEPHONE

Ln	Rate Element	Source	Test Period
1.	Channel Termination ICB Revenues	Volume 3	\$0
2.	Channel Mileage Facility ICB Revenues	Volume 3	\$0
3.	Channel Mileage Termination ICB Revenues	Volume 3	\$0
4.	Total ICB Revenues (Ln 6 * Ln 7)		\$0

**Special Access Revenue Requirement Adjustment**

5.	Single Bill Settlement , Receivable	Volume 3	\$0
6.	Single Bill Settlement , Payable	Volume 3	\$0
7.	Single Bill Settlement , Net Adjustment	Line 5+ Line 6	\$0

**Revenue Requirement**

	Source	
8.	Total Special Access Rev Req	Volume 2, Section 1
		\$11,477,470
9.	(+)/(-) Single Bill Settlement Adjustment	Line 7
		\$0
10.	Less: Nonrecurring Charge Revs	Page 8, Line 12
		(\$180,170)
11.	Less: Optional Feature & Function Revs	Page 8, Line 21
		(\$2,559,712)
12.	Less: ICB revenues	Line 4
		\$-0
12a.	Plus: Residual Revenue Requirement allocation	Volume 5, Page 14 Ln 5
		\$0
13.	Total Rate Making Rev Req	Sum (Lines 8 thru 12a)
		\$8,737,587

**ALLTEL Telephone Services Corporation  
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**Special Access**

WESTERN RESERVE TELEPHONE

Ln	Channel Termination	(A) Index	(B) Test Period Demand	(C)=A*B Annualized Weighted Demand	(D) CT Rev Req	(E) CT Rate
1	Telegraph 2 Wire	1.2922	0	0		\$18.73
2	Telegraph 4 Wire	1.4697	0	0		\$21.30
3	Voice Grade 2 Wire	1.0000	332	332		\$14.49
4	Voice Grade 4 Wire	1.6000	2,031	3,250		\$23.19
5	Program Audio 3.5 khz	1.0379	0	0		\$15.04
6	Program Audio 5.0 khz	2.2589	0	0		\$32.73
7	Program Audio 8.0 khz	2.2589	30	68		\$32.73
8	Program Audio 15 khz	2.2589	0	0		\$32.73
9	Digital Data 2.4 Kbps	4.4770	0	0		\$64.88
10	Digital Data 4.8 Kbps	4.4770	0	0		\$64.88
11	Digital Data 9.6 Kbps	4.4770	273	1,222		\$64.88
12	Digital Data 19.2 Kbps	4.4770	75	336		\$64.88
13	Digital Data 56 Kbps	4.4770	9,816	43,946		\$64.88
14	Digital Data 64 Kbps	4.4770	951	4,258		\$64.88
15	High Capacity 1.54 Mbps	9.8901	18,954	187,457		\$143.32
16	High Capacity 44.746	156.3722	412	64,425		\$2,266.06
17	SOCS OC3	115.0000	0	0		\$1,666.52
18	SOCS OC12	135.0000	12	1,620		\$1,956.35
			<u>32,886</u>	<u>306,914</u>		

CMF  
Rate

**Channel Mileage Facility**

19	Telegraph	0.0545	0	0		\$0.79
20	Voice Grade	0.0151	11,949	180		\$0.22
21	Program Audio 3.5 khz	0.0814	0	0		\$1.18
22	Program Audio 5.0 khz	0.1221	0	0		\$1.77
23	Program Audio 8.0 khz	0.1628	197	32		\$2.36
24	Program Audio 15 khz	0.2849	0	0		\$4.13
25	Digital Data 2.4 Kbps	0.0570	0	0		\$0.83
26	Digital Data 4.8 Kbps	0.0570	0	0		\$0.83
27	Digital Data 9.6 Kbps	0.0570	1,828	104		\$0.83
28	Digital Data 19.2 Kbps	0.0570	502	29		\$0.83
29	Digital Data 56 Kbps	0.0570	69,526	3,962		\$0.83
30	Digital Data 64 Kbps	0.0570	6,736	384		\$0.83
31	High Capacity 1.544	1.4000	105,101	147,142		\$20.29
32	High Capacity 44.736	4.7212	3,717	17,551		\$68.42
33	SOCS OC3	9.0000	0	0		\$130.42
34	SOCS OC12	14.0000	43	605		\$202.88
			<u>199,599</u>	<u>169,988</u>		

CMT  
Rate

**Channel Mileage Termination**

35	Telegraph	0.5893	0	0		\$8.54
36	Voice Grade	0.5664	1,651	935		\$8.21
37	Program Audio 3.5 khz	0.7326	0	0		\$10.62
38	Program Audio 5.0 khz	1.3024	0	0		\$18.87
39	Program Audio 8.0 khz	1.3024	30	39		\$18.87
40	Program Audio 15 khz	1.3024	0	0		\$18.87
41	Digital Data 2.4 Kbps	0.6207	0	0		\$8.99
42	Digital Data 4.8 Kbps	0.6207	0	0		\$8.99
43	Digital Data 9.6 Kbps	0.6207	261	162		\$8.99
44	Digital Data 19.2 Kbps	0.6207	72	45		\$8.99
45	Digital Data 56 Kbps	0.6207	9,917	6,155		\$8.99
46	Digital Data 64 Kbps	0.6207	961	596		\$8.99
47	High Capacity 1.544	4.4000	18,835	82,873		\$63.76
48	High Capacity 44.736 Mbps	46.7409	730	34,100		\$677.34
49	SOCS OC3	80.0000	0	0		\$1,159.32
50	SOCS OC12	95.0000	12	1,140		\$1,376.69
			<u>32,468</u>	<u>126,045</u>		
			<u>602,947</u>	<u>\$8,737,587</u>		

Col (A) = Volume 3

Col (B) = Volume 4, Section 4

Col (C) = Col (A) \* Col (B) Col (C) Total]

Col (D) = Page 9, Line 13

**ALLTEL Telephone Services Corporation**  
**2002 Annual Tariff Filing, Revised June 28, 2002**

**Special Access**  
**Calculation of Recurring Special Access Revenues**

WESTERN RESERVE TELEPHONE							
Ln	Service	(A) CT Rate	(B) CT Revenue	(C) CMF Rate	(D) CMF Revenue*	(E) CMT Rate	(F) CMT Revenue*
1.	Telegraph 2 Wire	\$18.73	\$0				
2.	Telegraph 4 Wire	\$21.30	\$0	\$0.79	\$0	\$8.54	\$0
3.	Voice Grade 2 Wire	\$14.49	\$4,811				
4.	Voice Grade 4 Wire	\$23.19	\$47,091	\$0.22	\$2,615	\$8.21	\$13,549
5.	Program Audio 3.5 khz	\$15.04	\$0	\$1.18	\$0	\$10.62	\$0
6.	Program Audio 5.0 khz	\$32.73	\$0	\$1.77	\$0	\$18.87	\$0
7.	Program Audio 8.0 khz	\$32.73	\$982	\$2.36	\$464	\$18.87	\$566
8.	Program Audio 15 khz	\$32.73	\$0	\$4.13	\$0	\$18.87	\$0
9.	Digital Data 2.4 Kbps	\$64.88	\$0	\$0.83	\$0	\$8.99	\$0
10.	Digital Data 4.8 Kbps	\$64.88	\$0	\$0.83	\$0	\$8.99	\$0
11.	Digital Data 9.6 Kbps	\$64.88	\$17,712	\$0.83	\$1,509	\$8.99	\$2,350
12.	Digital Data 19.2 Kbps	\$64.88	\$4,866	\$0.83	\$415	\$8.99	\$646
13.	Digital Data 56 Kbps	\$64.88	\$636,846	\$0.83	\$57,409	\$8.99	\$89,200
14.	Digital Data 64 Kbps	\$64.88	\$61,699	\$0.83	\$5,562	\$8.99	\$8,642
15.	High Capacity 1.544	\$143.32	\$2,716,528	\$20.29	\$2,132,299	\$63.76	\$1,200,949
16.	High Capacity 44.736	\$2,266.06	\$933,617	\$68.42	\$254,340	\$677.34	\$494,160
16.	SOCS OC3	\$1,666.52	\$0	\$130.42	\$0	\$1,159.32	\$0
16.	SOCS OC12	\$1,956.35	\$23,476	\$202.88	\$8,764	\$1,376.69	\$16,520
			\$4,447,628		\$2,463,377		\$1,826,582

## Sources:

Cols (A), (C) and (E) = Page 10, Col (E) Col (B) = Col (A) * Page 10, Col (B) Col (D) = Col (C) * Page 10, Col (B) Col (F) = Col (E) * Page 10, Col (B)
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**ALLTEL Telephone Services Corporation**  
**2002 Annual Access Tariff Filing, Revised June 28, 2002**

Special Access  
**Crossover Analysis**

WESTERN RESERVE TELEPHONE

**Voice Grade to Hi Cap DS1**

Config	Element	(A)	(B)
		Voice Grade 4 Wire	Hi-Cap 1.544 Mbps
2	CT	\$46.37	\$286.64
10	CMF	\$2.19	\$202.88
2	CMT	\$16.42	\$127.52
Total Config		\$64.98	\$617.05

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DS1 to VG 4W Crossover (Total Col (B) / Total Col (A)) 9.50

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Sources:

Col (A) = Config Column * VG4W Rates from Page 11
Col (B) = Config Column * Hi Cap 1.544 Rates from Page 11

**Transport Benchmark**

Config	Element	(A)	(B)
		DS1	DS3
1	CT	\$143.32	\$2,266.06
10	CMF	\$202.88	\$684.17
2	CMT	\$127.52	\$1,354.69
1	MUX	n/a	\$302.10
Total Config		\$473.73	\$4,607.02

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DS3 to DS1 Crossover (Total Col (B) / Total Col (A)) 9.73

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Sources:

Col (A) = Config Column * DS1 Rates from Page 11
Col (B) = Config Column * DS3 Rates from Page 11

**Calculation of Host-Remote / TIC Adjustment  
(FCC 97-158, 1st Report & Order, Para 220)**

	Before Host Remote Adj	After Host Remote Adj
TST Revenues Remote to Host	\$175,445	
TSF Revenues Remote to Host	\$243,490	
Total Revenues Remote to Host	\$418,934	
TST Remote/Host MOU TERM's	267,854,356	
TSF Remote/Host MOU/Miles	1,170,622,743	
Total Host-Remote Investment	\$2,934,648	
Total Interstate TS SW Rev Req	\$6,021,864	
Total Interstate TS SW TPIS	\$30,089,582	
Total Interstate TS SW Factor	0.200131	
Total Host-Remote Rev Req	\$587,314	
Total Shortfall going to TIC		\$168,380
TST Shortfall going to TIC		\$70,516
TSF Shortfall going to TIC		\$97,864
TST Rate adj for H-R		0.000144
TSF Rate adj for H-R		0.000042
Total Transport Rev Req (Ln 6h)	\$2,550,380	
Less: Direct Trunk Revenues	\$841,617	
Less: Entrance Facility Revenues	\$184,735	
Less: Tandem Switching Revenues	\$672,298	
Less: NRC Revenues	\$155,588	
Less: 800 DBQ Revenues	\$60,254	
Requirement from Common Tspt	\$635,887	
Total Common TST MOU Terms	488,586,187	
Total Common TSF MOU/Miles	2,306,523,625	
Initial TST rate (Ln 17 workpapers)	\$0.000655	
Initial TSF rate (Ln 18 workpapers)	\$0.000208	
Initial TST Revenues	\$320,024	
Initial TSF Revenues	\$479,757	
Initial total TST/TSF revenues	\$799,781	
Maximum TST rev req		\$254,444
Maximum TSF rev req		\$381,444
Maximum TST rate adj		(\$0.000134)
Maximum TSF rate adj		(\$0.000043)
Adj needed to TST Rate		-0.000134
Adj needed to TSF Rate		-0.000043

**ALLTEL Telephone Services Corporation**  
**Transport Interconnection Charge (TIC) Revenue Allocation**  
**Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 14**

WESTERN RESERVE TELEPHONE SOURCE	Source	Revenue Requirement	% of Total	TIC Amount Reallocated
1. Common Line	TRP Form COS1-P Line 100 Less USF Contribution	\$12,016,279	40.71%	\$0
2. Local Switching	Volume 5, Page 4, Ln 1d	\$3,353,373	11.36%	\$0
3. Information	Volume 5, Page 4, Ln 7	\$118,112	0.40%	\$0
4. Transport Less TIC Revenue	ACR-1 Projected (Column I)	\$2,550,380	8.64%	\$0
5. Special Access	Volume 5, Page 9, Ln 8	\$11,477,470	38.89%	\$0
Total		\$29,515,613		
6. TIC Revenue July 00 - June 01	CABS Billing	\$415,652		
7. Projected TIC Revenues	Revised June 28, 2002 Annual Tariff Filing, Vol 5, Pg	\$0		
8. TIC to be allocated	Minimum CABS Billed or Projected	\$0		

**ALLTEL Telephone Services Corporation**  
**Transport Interconnection Charge (TIC) Elimination**  
**Access Reform Tariff Filing, Revised June 28, 2002**

**Volume 5, Page 15**

WESTERN RESERVE TELEPHONE		Source	Revenue Requirement	% of Total	TIC Amount Reallocated
1.	Tandem Switching	Volume 5, Page 5, Line 18	\$672,298	51.39%	(\$0)
2.	Initial Tandem Switched Termination Revenue	Volume 5, Page 6, Lns 30 + 35	\$254,444	19.45%	(\$0)
3.	Initial Tandem Switched Facility Revenue	Volume 5, Page 6, Lns 31 + 36	\$381,444	29.16%	(\$0)
4.	Total		\$1,308,186		
5.	TIC to be allocated to Transport Elements	Volume 5, Page 7, line 12			(\$0)
6.	TIC Rate Adjustment - Tandem Switching	Ln 1 / Volume 5, Page 5, Line 19	(0.000000)		
7.	TIC Rate Adjustment - TST	Ln 2 / Volume 5, Page 5, Line 11	(0.000000)		
8.	TIC Rate Adjustment - TSF	Ln 3 / Volume 5, Page 5, Line 9	(0.000000)		