

Contoocook Valley Telephone Company
Allocation of Interstate Revenue Requirements Per FCC MAG Order
December 17, 2001 Interstate Access Tariff Filing - Rates Effective January 1, 2002

Line	Year	Source	Revenue Requirements										
			Common Line		Total Special Access	Special Access			Total Switched Access	Switched Access			
			Carrier Common Line	Total Special Access		Channel Termination	Channel Mileage Termination	Channel Mileage Facility		Local Switching (A)	Information Surcharge	Transport	
1	Total Tariff Revenue Requirements, 1999 - 2000	Part 69	\$ 4,588,099	\$ 2,388,493	\$ 245,975	\$ 123,390	\$ 52,122	\$ 70,463	\$ 1,953,631	\$ 1,011,471	\$ 98,796	\$ 843,364	
2	Total		\$ 4,588,099	\$ 2,388,493	\$ 245,975	\$ 123,390	\$ 52,122	\$ 70,463	\$ 1,953,631	\$ 1,011,471	\$ 98,796	\$ 843,364	
3	Local Switching Line Port Allocation to Common Line	Ln2 LS RevReq * .30	\$ -	\$ 303,441	\$ -				\$ (303,441)	(303,441)			
4	Adjusted Total Revenue Requirements	Ln2+Ln3	\$ 4,588,099	\$ 2,691,934	\$ 245,975	\$ 123,390	\$ 52,122	\$ 70,463	\$ 1,650,190	\$ 708,030	\$ 98,796	\$ 843,364	
5	TIC Revenue Requirement, 1999 - 2000	Prior Tariff Filing	\$ (294,917)						\$ (294,917)			(294,917)	
6	1999 - 2000 Revenue Requirement less TIC Rev. Req.	Ln4-Ln5	\$ 4,293,182	\$ 2,691,934	\$ 245,975	\$ 123,390	\$ 52,122	\$ 70,463	\$ 1,355,273	\$ 708,030	\$ 98,796	\$ 548,447	
7	Percentage Distribution for TIC Revenue Req. Allocation	Ln6 Acc Ele/Ln6 Total	1.000000	0.627025	0.057295	0.028741	0.012141	0.016413	0.315680	0.164920	0.023012	0.127748	
8	Allocated TIC Revenue Requirement		\$ 294,917	\$ 184,920	\$ 16,897	\$ 8,476	\$ 3,581	\$ 4,840	\$ 93,099	\$ 48,638	\$ 6,787	\$ 37,675	
9	Adjusted Revenue Requirement	Ln6+Ln8	\$ 4,588,099	\$ 2,876,855	\$ 262,872	\$ 131,866	\$ 55,703	\$ 75,303	\$ 1,448,372	\$ 756,667	\$ 105,583	\$ 586,122	

(A) Local switching revenue requirements and rates developed for the July 3, 2001 tariff filing were generated based on Part 36 totals using an unweighted interstate DEM factor. Thus, there is no deduction for local switching support since the amount is already removed from the local switching revenue requirement.

Contoocook Valley Telephone Company
Development of Adjusted Tandem Switched Transport Rates
December 17, 2001 Interstate Access Tariff Filing - Rates Effective January 1, 2002

Line	Description	Source	Tariff Total
1	TST-T Demand	Demand - July 3, 2001 Filing	85,912,849
2	TST-F Demand	Demand - July 3, 2001 Filing	470,931,877
3	TST-T Rate (Preliminary)	Transmission Rev. Workpaper	\$ 0.000408
4	TST-F Rate (Preliminary)	Transmission Rev. Workpaper	\$ 0.000061
5	Host/Remote Portion of TIC Revenue Requirement	July 3, 2001 Filing	\$ 78,230
6	TST-T Revenues	L1*L3	\$ 35,056
7	TST-F Revenues	L2*L4	\$ 28,590
8	Total TST Revenue	L6+L7	\$ 63,645
9	Percent TST-T Revenues	L6/L8	0.550794
10	Percent TST-F Revenues	L7/L8	0.449206
11	Adjusted TST Revenue Requirement	L5+L8	\$ 141,875
12	TST-T Portion of Adjusted TST Revenue Requirement	L11*L9	\$ 78,144
13	Revised TST-T Rate	L12/L1	\$ 0.000910
14	TST-F Portion of Adjusted TST Revenue Requirement	L11*L10	\$ 63,731
15	Revised TST-F Rate	L14/L2	\$ 0.000135

Contoocook Valley Telephone Company
 Development of Tandem Switching Rate
 December 17, 2001 Interstate Access Tariff Filing - Rates Effective January 1, 2002

Line	Description	Source	Tariff Total
1	Total Transport Revenue Requirement - July 3, 2001 Tariff Filing	Part 69	843,364
2	SS7 A Link Revenue Requirement Adjustment	July 3, 2001 Tariff Filing	(2,568)
3	TIC Revenue Requirement, 1/1/99-12/31/00	July 3, 2001 Tariff Filing	(294,917)
4	Allocated TIC Revenue Requirement	Rev. Req. Allocation Workpaper	37,675
5	Tandem Switched Transport Transmission Revenues	TST Rate Development Workpaper	(141,875)
6	Direct-Trunked Transport Revenues	Direct-Trunked Rev. Workpaper	<u>(156,451)</u>
7	Adjusted Tandem Switching Revenue Requirement	Ln1+Ln2...+Ln6	285,228
8	Tandem Switching Access Minutes Total, 1999/2000	Demand - July 3, 2001 Filing	41,189,450
9	Tandem Switching Rate	Ln7/Ln8	<u>\$ 0.006925</u>

Contoocook Valley Telephone Company
 Development of Local Switching Rates
 December 17, 2001 Interstate Access Tariff Filing - Rates Effective January 1, 2002

Line	Description	Source	Tariff Total
1	Local Switching Revenue Requirement - July 3, 2001 Filing	Part 69	1,011,471
2	SS7 A Link Revenue Requirement Adjustment	July 3, 2001 Tariff Filing	2,568
3	Local Switching Line Port Allocation to Common Line	Workpaper	(303,441)
4	Allocated TIC Revenue Requirement	Workpaper	<u>48,638</u>
5	Total Adjusted Local Switching Revenue Requirement	$Ln1+Ln2+Ln3+Ln4$	759,235
6	Total Premium Minutes	Demand - July 3, 2001 Filing	113,299,705
7	Total Nonpremium Minutes	Demand - July 3, 2001 Filing	-
8	Transitional Nonpremium Factor	Records	-
9	Local Switching Premium Rate Per Minute	$(Ln5/Ln6+(Ln7*Ln8))$	<u>\$ 0.006701</u>
10	Local Switching Nonpremium Rate Per Minute	$Ln8*Ln9$	<u>\$ -</u>

Contoocook Valley Telephone Company
 Development of Directory Information Surcharge Rate
 December 17, 2001 Interstate Access Tariff Filing - Rates Effective January 1, 2002

Line	Description	Source	Tariff Total
1	Directory Information Surcharge Revenue Requirement - July 3, 2001 Filing	Part 69	98,796
2	Allocated TIC Revenue Requirement	Workpaper	<u>6,787</u>
3	Total Adjusted Directory Information Surcharge Revenue Requirement	Ln1+Ln2	105,583
4	Total Premium Minutes	Demand - July 3, 2001 Filing	113,299,705
5	Total Nonpremium Minutes	Demand - July 3, 2001 Filing	-
6	Transitional Nonpremium Factor	Records	-
7	Directory Information Surcharge Premium Rate Per 100 Minutes	$(Ln3*100)/(Ln4+(Ln5*Ln6))$	<u>\$ 0.093189</u>
8	Directory Information Surcharge Nonpremium Rate Per 100 Minutes	$Ln7*Ln6$	<u>\$ -</u>

Contoocook Valley Telephone Company
December 17, 2001 Interstate Access Tariff Filing - Rates Effective January 1, 2002
Special Access-Unit Investment Study

Type of Service	Type of Equipment (a)	Unloaded Equipment Cost (b)	Cost Support Reference	Utilization/ Capacity	Quantity Used By Average Circuit (c)	Typical Unloaded Investment (d)=(b)x(c)	Annual (1999-2000) Demand (e)	Weighted Rate Relations (f)=(d)x(e)	Annual (1999-2000) Revenue Requirement (g)	Rate (h)=(g)/(e)
CHANNEL TERMINATION (CT)										
Voice Grade: 2W	D4 Channel Card	\$156.40	CT1	1\1	1.000000	\$156.40				
	D448 Channel Bank - Common	\$1,980.22	C6	1\24	0.041667	\$82.51				
	D448 Channel Bank - Chassis OLIU	\$1,506.91	C5	1\48	0.020833	\$31.39				
	Connector	\$350.37	C7	1\100	0.010000	\$3.50				
	MDF Protection	\$2.49	C8	1\1	1.000000	\$2.49				
	Average Loop (k)	\$1,072.41	CT4	1\1	1.000000	\$1,072.41				
	RJ11 Jack	\$1.12	C9	1\1	1.000000	\$1.12				
	Total					\$1,349.83	72	97,187.53	\$1,357.92	\$18.86
Voice Grade: 4W	D4 Channel Card - 4WETO	\$157.17	CT6	1\1	1.000000	\$157.17				
	D448 Channel Bank - Common	\$1,980.22	C6	1\24	0.041667	\$82.51				
	D448 Channel Bank - Chassis OLIU	\$1,506.91	C5	1\48	0.020833	\$31.39				
	Connector	\$350.37	C7	2\100	0.020000	\$7.01				
	MDF Protection	\$2.49	C8	2\2	2.000000	\$4.98				
	Average Loop (k)	\$1,072.41	CT4	2\2	2.000000	\$2,144.82				
	Data Termination Station	\$170.00	CT7	1\1	1.000000	\$170.00				
	RJ11 Jack	\$1.12	C9	1\1	1.000000	\$1.12				
Total					\$2,599.00	192	499,008.10	\$6,972.21	\$36.31	
Digital Data Service: 9.6, 19.2, and 56 KBPS	Channel Card - OCUDP	\$145.12	C31	1\1	1.000000	\$145.12				
	D448 Channel Bank - Common	\$1,980.22	C6	1\24	0.041667	\$82.51				
	D448 Channel Bank - Chassis OLIU	\$1,506.91	C5	1\48	0.020833	\$31.39				
	Connector	\$350.37	C7	2\100	0.020000	\$7.01				
	MDF Protection	\$2.49	C8	2\1	2.000000	\$4.98				
	Average Loop (k)	\$1,072.41	CT4	2\1	2.000000	\$2,144.82				
	RJ48S Jack	\$2.30	CT9.1	1\1	1.000000	\$2.30				
	Total					\$2,418.13	369	892,290.16	\$12,467.21	\$33.79
High Capacity: DS1	CO HTUR - shelf/commons	\$1,056.00	C16	1\13	0.076923	\$81.23				
	CO HTUC - card	\$288.24	C15	1\1	1.000000	\$288.24				
	Connector	\$350.37	C7	2\100	0.020000	\$7.01				
	MDF Protection	\$2.49	C8	2\1	2.000000	\$4.98				
	Average Loop (k)	\$1,072.41	CT4	2\1	2.000000	\$2,144.82				
	Remote HTUR - card	\$182.00	C13	1\1	1.000000	\$182.00				
	Remote HTUR - housing	\$34.97	C14	1\1	1.000000	\$34.97				
	Total					\$2,743.25				
	HiCap Crossover at 8					\$20,792.00	357	7,422,745.50	\$103,711.66	\$290.51

Contoocook Valley Telephone Company
December 17, 2001 Interstate Access Tariff Filing - Rates Effective January 1, 2002
Special Access-Unit Investment Study

Type of Service	Type of Equipment (a)	Unloaded Equipment Cost (b)	Cost Support Reference	Utilization/ Capacity	Quantity Used By Average Circuit (c)	Typical Unloaded Investment (d)=(b)x(c)	Annual (1999-2000) Demand (e)	Weighted Rate Relations (f)=(d)x(e)	Annual (1999-2000) Revenue Requirement (g)	Rate (h)=(g)/(e)
High Capacity: DS3	DS3 Shelf	\$334.50	C23	1/2	0.500000	\$167.25				
	Loop Converter	\$2,174.00	C24	1/1	1.000000	\$2,174.00				
	Fiber Loop			2/1	2.000000	\$0.00				
	Remote Shelf	\$334.50	C23	1/2	0.500000	\$167.25				
	Remote Loop Converter	\$2,174.00	C24	1/1	1.000000	\$2,174.00				
	Total					\$4,682.50				
	HiCap Crossover at 10					\$26,335.18	0	0.00	\$0.00	\$0.00
Total Channel Termination (CT)							990	8,911,231.30	\$ 131,866.00	
Optional Features and Functions Revenues (note i)										
Nonrecurring Revenues (note i)									\$7,357.00	
Adjusted Total Channel Termination (less OF&F and NRC Revenues)									\$124,509.00	
							Checksum:		\$124,509.00	

Sources:

- a, b, c: Provided by Durwood Sargent, Service Coordinator, both MCTI Engineering (wps following)
- e: Special Access Demand Summary
- g: Total CT revenue requirement is distributed to VG, DDS, HiCap on column f. (See Part 69.114)
- i: Total revenue requirement is adjusted (decreased) for nonrecurring revenues and Special Access service revenues.
- k: 2000 cost study. Average loop cost of C&WF, Category 1.

Contoocook Valley Telephone Company
December 17, 2001 Interstate Access Tariff Filing - Rates Effective January 1, 2002
Special Access-Unit Investment Study

Type of Service	Type of Equipment (a)	Unloaded Equipment Cost (b)	Cost Support Reference	Utilization/ Capacity	Quantity Used By Average Circuit (c)	Typical Unloaded Investment (d)=(b)x(c)	Annual (1999-2000) Demand (e)	Weighted Rate Relations (f)=(d)x(e)	Annual (1999-2000) Revenue Requirement (g)	Rate (h)=(g)/(f)
CHANNEL MILEAGE TERMINATION (CMT)										
Voice Grade: 2W and 4W	OC12 Chasis/Commons	\$27,714.06	C11	1/6048	0.000165	\$4.58				
	OC3 Commons	\$2,769.56	C12	1/2016	0.000496	\$1.37				
	OC3 SONET - Chassis/Commons	\$10,140.80	C4	1/2016	0.000496	\$5.03				
	OC3 SONET - STS Commons	\$1,942.44	C2	1/672	0.001488	\$2.89				
	OC3 SONET - Quad Card	\$417.33	C3	1/96	0.010417	\$4.35				
	DSX Panels (2 panels)	\$1,328.66	C10	2/2016	0.000992	\$1.32				
	DACS Tellabs 530	\$34,706.00	CMT1	1/1536	0.000651	\$22.60				
	DSX Panels	\$1,328.66	C10	1/2016	0.000496	\$0.66				
	OC3 SONET - Chassis/Commons	\$13,099.99	C1	1/2016	0.000496	\$6.50				
	OC3 SONET - STS Commons	\$1,942.44	C2	1/672	0.001488	\$2.89				
	OC3 SONET - Quad Card	\$417.33	C3	1/96	0.010417	\$4.35				
	OC3 SONET - Chassis/Commons	\$13,099.99	C1	1/2016	0.000496	\$6.50				
	OC3 SONET - STS Commons	\$1,942.44	C2	1/672	0.001488	\$2.89				
	SONET - BBF1B DS1 Card	\$417.33	CMT5	1/96	0.010417	\$4.35				
	DSX Panels (2 panels)	\$1,328.66	C10	2/2016	0.000992	\$1.32				
	Total					\$71.59	240	17,180.60	\$2,935.67	\$12.23
Digital Data Service: 9.6 and 56 KBPS	OC12 Chasis/Commons	\$27,714.06	C11	1/6048	0.000165	\$4.58				
	OC3 Commons	\$2,769.56	C12	1/2016	0.000496	\$1.37				
	OC3 SONET - Chassis/Commons	\$10,140.80	C4	1/2016	0.000496	\$5.03				
	OC3 SONET - STS Commons	\$1,942.44	C2	1/672	0.001488	\$2.89				
	OC3 SONET - Quad Card	\$417.33	C3	1/96	0.010417	\$4.35				
	DSX Panels (2 panels)	\$1,328.66	C10	2/2016	0.000992	\$1.32				
	DACS Tellabs 530	\$34,706.00	CMT1	1/1536	0.000651	\$22.60				
	DSX Panels	\$1,328.66	C10	1/2016	0.000496	\$0.66				
	OC3 SONET - Chassis/Commons	\$13,099.99	C1	1/2016	0.000496	\$6.50				
	OC3 SONET - STS Commons	\$1,942.44	C2	1/672	0.001488	\$2.89				
	OC3 SONET - Quad Card	\$417.33	C3	1/96	0.010417	\$4.35				
	OC3 SONET - Chassis/Commons	\$13,099.99	C1	1/2016	0.000496	\$6.50				
	OC3 SONET - STS Commons	\$1,942.44	C2	1/672	0.001488	\$2.89				
	SONET - BBF1B DS1 Card	\$417.33	CMT5	1/96	0.010417	\$4.35				
	DSX Panels (2 panels)	\$1,328.66	C10	2/2016	0.000992	\$1.32				
	Total					\$71.59	369	26,415.17	\$4,513.59	\$12.23
High Capacity: DS1	OC12 Chasis/Commons	\$27,714.06	C21	1/252	0.003968	\$109.98				
	OC3 Commons	\$2,769.56	C22	1/84	0.011905	\$32.97				
	OC3 SONET - Chassis/Commons	\$10,140.80	C20	1/84	0.011905	\$120.72				
	OC3 SONET - STS Commons	\$1,942.44	C18	1/28	0.035714	\$69.37				
	OC3 SONET - Quad Card	\$417.33	C19	1/4	0.250000	\$104.33				
	DSX Panels (2 panels)	\$1,328.66	C10	2/84	0.023810	\$31.63				
	OC3 SONET - Chassis/Commons	\$13,099.99	C17	1/84	0.011905	\$155.95				
	OC3 SONET - STS Commons	\$1,942.44	C18	1/28	0.035714	\$69.37				
	OC3 SONET - Quad Card	\$417.33	C19	1/4	0.250000	\$104.33				
	OC3 SONET - Chassis/Commons	\$13,099.99	C17	1/84	0.011905	\$155.95				
	OC3 SONET - STS Commons	\$1,942.44	C18	1/28	0.035714	\$69.37				
	OC3 SONET - Quad Card	\$417.33	C19	1/4	0.250000	\$104.33				
	DSX Panels (2 panels)	\$1,328.66	C10	2/84	0.023810	\$31.63				
	Total					\$1,159.96				
HiCap Crossover at 8						\$572.69	357	204,449.13	\$34,934.45	\$97.86

Contoocook Valley Telephone Company
December 17, 2001 Interstate Access Tariff Filing - Rates Effective January 1, 2002
Special Access-Unit Investment Study

Type of Service	Type of Equipment (a)	Unloaded Equipment Cost (b)	Cost Support Reference	Utilization/ Capacity	Quantity Used By Average Circuit (c)	Typical Unloaded Investment (d)=(b)x(c)	Annual (1999-2000) Demand (e)	Weighted Rate Relations (f)=(d)x(e)	Annual (1999-2000) Revenue Requirement (g)	Rate (h)=(g)/(e)
High Capacity: DS3	OC12 Chasis/Commons	\$27,714.06	C29	1/9	0.111111	\$3,079.34				
	OC3 Commons	\$2,769.56	C30	1/3	0.333333	\$923.19				
	OC3 SONET - Chassis/Commons	\$10,147.59	C28	1/3	0.333333	\$3,382.53				
	OC3 SONET - STS Commons	\$899.32	C27	1/1	1.000000	\$899.32				
	DSX Panels (2 panels)	\$271.57	C25	2/1	2.000000	\$543.14				
	OC3 SONET - Chassis/Commons	\$13,099.99	C26	1/3	0.333333	\$4,366.66				
	OC3 SONET - STS Commons	\$899.32	C27	1/1	1.000000	\$899.32				
	OC3 SONET - Chassis/Commons	\$13,099.99	C26	1/3	0.333333	\$4,366.66				
	OC3 SONET - STS Commons	\$899.32	C27	1/1	1.000000	\$899.32				
	DSX Panels (2 panels)	\$271.57	C25	2/1	2.000000	\$543.14				
	Total					\$19,902.62				
	HiCap Crossover at 10					\$11,135.63	7	77,949.40	\$13,319.30	\$1,902.76
Total Channel Mileage Termination							973	325,994.30	\$55,703.00	
							Checksum:		\$55,703.00	

Sources:
a, b, c: Provided by MCT Engineering (wps following)
e: Special Access Demand Summary
g: Total CMT per Part 69.114. Spread to VG, DD, HiCap on column f.

Contoocook Valley Telephone Company
December 17, 2001 Interstate Access Tariff Filing - Rates Effective January 1, 2002
Special Access-Unit Investment Study

Type of Service	Type of Equipment (a)	Unloaded Equipment Cost (b)	Cost Support Reference	Utilization/ Capacity	Quantity Used By Average Circuit (c)	Typical Unloaded Investment (d)=(b)x(c)	Annual (1999-2000) Demand (e)	Weighted Rate Relations (f)=(d)x(e)	Annual (1999-2000) Revenue Requirement (g)	Rate (h)=(g)/(e)
CHANNEL MILEAGE FACILITY (CMF)										
Voice Grade: 2W and 4W	Fiber	\$252,115.57	CMF1	1\10080	0.000099	\$25.01				
	Total					\$25.01	2,032.08	50,825.30	\$3,697.32	\$1.82
Digital Data: 9.6 and 56 Kbps	Fiber	\$252,115.57	CMF1	1\10080	0.000099	\$25.01				
	Total					\$25.01	3,905.45	97,681.03	\$7,105.87	\$1.82
High Capacity: DS1	Fiber	\$252,115.57	CMF1	1\420	0.002381	\$600.28				
	Total					\$600.28				
	HiCap Crossover at 8					\$200.09	3,624.81	725,294.48	\$52,762.01	\$14.56
High Capacity: DS3	Fiber	\$252,115.57	CMF1	1\15	0.066667	\$16,807.70				
	Total					\$16,807.70				
	HiCap Crossover at 10					\$1,920.88	84.00	161,353.96	\$11,737.80	\$139.74
Total Channel Mileage Facility							<u>9,646.34</u>	<u>1,035,154.76</u>	<u>\$75,303.00</u>	
									Checksum:	\$75,303.00

Sources:
a, b, c: 2000 Separations Study (wps following)
b: Fiber cost represented as total installed cost of material (fiber) for entire route.
d: The capacity of fiber is equated to the equipped capacity of the Fiber Optic Terminal (FOT), 84 DS1s during the tariff study period.
e: Special Access Demand Summary
f: Current capacity is on OC12 (less 3 STSs owned by Verizon) and 2 DS3s.
g: Total CMF per Part 69. Spread to VG, DDS, HiCap on column f.

Transport Rate Benchmark - NECA DS3 Composite	\$	3,894.53
Transport Rate Benchmark - CVT DS1 Composite	\$	498.50
DS3/DS1 Benchmark Ratio		7.81

Contoocook Valley Telephone Company
December 17, 2001 Interstate Access Tariff Filing - Rates Effective January 1, 2002
Development of Tandem Switched Transport Rates - Flat Rated Charges Revenue Calculation

Line	Description	Source	Amount
DIRECT-TRUNKED AND ENTRANCE FACILITIES			
1	Voice Grade Channel Termination Rate	Special Access Rates	\$36.31
2	Voice Grade Channel Mile. Termination Rate	Special Access Rates	\$12.23
3	Voice Grade Channel Mile. Facility Rate/Mile	Special Access Rates	\$1.82
4	DS1 Channel Termination Rate	Special Access Rates	\$290.51
5	DS1 Channel Mile. Termination Rate	Special Access Rates	\$97.86
6	DS1 Channel Mile. Facility Rate/Mile	Special Access Rates	\$14.56
7	DS3 Channel Termination Rate	Special Access Rates	\$2,051.19
8	DS3 Channel Mile. Termination Rate	Special Access Rates	\$1,902.76
9	DS3 Channel Mile. Facility Rate/Mile	Special Access Rates	\$139.74
10	VG Channel Termination Trunks (Entrance Facilities)	Demand	0
11	VG Channel Mileage Term. Terminations	Demand	0
12	VG Channel Mileage Facility Direct Trunk Miles	Demand	0
13	DS1 Channel Termination Trunks (Entrance Facilities)	Demand	0
14	DS1 Channel Mileage Term. Terminations	Demand	659
15	DS1 Channel Mileage Fac. Direct Trunk Miles	Demand	6316
16	DS3 Channel Termination Trunks (Entrance Facilities)	Demand	0
17	DS3 Channel Mileage Term. Terminations	Demand	0
18	DS3 Channel Mileage Fac. Direct Trunk Miles	Demand	0
19	Voice Grade Channel Termination Revenue	Ln1*Ln10	\$0
20	Voice Grade Channel Mileage Term. Revenue	Ln2*Ln11	\$0
21	Voice Grade Channel Mileage Fac. Revenue	Ln3*Ln12	\$0
22	DS1 Channel Termination Revenue	Ln4*Ln13	\$0
23	DS1 Channel Mileage Termination Revenue	Ln5*Ln14	\$64,490
24	DS1 Channel Mileage Facility Revenue	Ln6*Ln15	\$91,961
25	DS3 Channel Termination Revenue	Ln7*Ln16	\$0
26	DS3 Channel Mileage Termination Revenue	Ln8*Ln17	\$0
27	DS3 Channel Mileage Facility Revenue	Ln9*Ln18	\$0
28	Total Entrance Facilities Transport Revenue	Ln19+Ln22+Ln25	\$0
29	Total Direct-Trunked Transport Revenue	Lns20,21,23,24,26,27	\$156,451

Contoocook Valley Telephone Company
December 17, 2001 Interstate Access Tariff Filing - Rates Effective January 1, 2002
Development of Tandem Switched Transport Rates - Transmission Revenue Calculation

Line	Description	Source	Amount
TRANSMISSION REVENUE CALCULATION			
1	FGA Premium Minutes	Demand	0
2	FGA Nonpremium Minutes	Demand	0
3	FGB Premium Minutes	Demand	0
4	FGB Nonpremium Minutes	Demand	0
5	FGC Premium Minutes	Demand	0
6	FGD Premium Minutes	Demand	85,912,849
7	Total Premium Minutes	Ln1,3,5,6	85,912,849
8	Total Nonpremium Minutes	Ln2,4	0
9	FGA Premium Minute Miles	Demand	0
10	FGA Nonpremium Minute Miles	Demand	0
11	FGB Premium Minute Miles	Demand	0
12	FGB Nonpremium Minute Miles	Demand	0
13	FGC Premium Minute Miles	Demand	0
14	FGD Premium Minute Miles	Demand	470,931,877
15	Total Premium Minute Miles	Ln9+11+13+14	470,931,877
16	Total Nonpremium Minute Miles	Ln10+12	0
Channel Mileage Termination Rate Calculation			
17	DS1 Interoffice Tandem Switching Circuits	Records	1
18	DS3 Interoffice Tandem Switching Circuits	Records	0
19	DS1 Voice Grade Channel Equivalent	Ln17*24	24
20	Voice Grade Circuits in DS3	(28*24)	672
21	DS3 VG Equivalent Channels	Ln18*672	0
22	Total DS1 and DS3 Channels	Ln19+Ln21	24
23	DS1 to Total Weighted Channels	Ln19/Ln22	1
24	DS3 to Total Weighted Channels	Ln21/Ln22	0
25	DS1 Channel Mileage Termination Rate	Special Access Rates	97.86
26	DS1 Channel Mileage Termination Rate Per		
27	Voice Grade Channel Equivalency	Ln25/24	4.08
28	DS3 Channel Mileage Termination Rate	Special Access Rates	1902.76
29	DS3 Channel Mileage Termination Rate Per		
30	VG Channel Equivalency	Ln28/Ln20	2.83
31	Weighted Channel Mileage Termination		
32	DS1 Rate	Ln23*Ln27	4.08
33	Weighted Channel Mileage Termination		
34	DS3 Rate	Ln24*Ln30	0.00
35	Composite Channel Mileage Termination		
36	Rate Per Channel Equivalent	Ln32+Ln34	4.08
37	Channel Mileage Termination Minutes of Use		
38	Rate (9,993 Minutes/Channel)	Ln36/9993	0.000408

Contoocook Valley Telephone Company
December 17, 2001 Interstate Access Tariff Filing - Rates Effective January 1, 2002
Development of Tandem Switched Transport Rates - Transmission Revenue Calculation

Line	Description	Source	Amount
Channel Mileage Facility Rate Calculation			
39	DS1 Interoffice Tandem Switching Circuit Miles	Records	1
40	DS3 Interoffice Tandem Switching Circuit Miles	Records	0
41	DS1 to Voice Grade Channel Equiv./Mile	Ln39*24	24
42	Voice Grade Circuits/Mile in DS3	(28*24)	672
43	DS3 to VG Channel Equivalency/Mile	Ln40*Ln42	0
44	Total DS1 and DS3 Channels/Mile	Ln41+Ln43	24
45	DS1 to Total Weighted Channels/Mile	Ln41/Ln44	1.000000
46	DS3 to Total Weighted Channels/Mile	Ln43/Ln44	0.000000
47	DS1 Channel Mileage Facility Rate-Per Mile	Special Access Rates	\$14.56
48	DS1 Channel Mileage Facility Rate Per		
49	Voice Grade Channel Equivalency/Mile	Ln47/24	\$0.61
50	DS3 Channel Mileage Facility Rate-Per Mile	Records	\$139.74
51	DS3 Channel Mileage Facility Rate Per		
52	VG Channel Equivalency/Mile	Ln50/Ln42	\$0.207946
53	Weighted Channel Mileage Facility		
54	DS1 Rate - Per Mile	Ln45*Ln49	\$0.606667
55	Weighted Channel Mileage Facility		
56	DS3 Rate - Per Mile	Ln46*Ln52	\$0.000000
57	Composite Channel Mileage Facility Rate -		
58	Per Channel, Per Mile	Ln54+Ln56	\$0.606667
59	Channel Mileage Facility Minutes of Use		
60	Rate (9,993 Minutes/Channel)	Ln58/9993	\$0.000061
61	Channel Mileage Termination Usage Based		
62	Transmission Revenue	Ln38*(Ln7+(.45*Ln8))	\$35,056
63	Channel Mileage Facility Usage Based		
64	Transmission Revenue	Ln60*(Ln15+(.45*Ln16))	\$28,590
65	Total Transmission Revenue	Lns62+64	\$63,645