

Confidential Release

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Part 17

MCI Exhibits
1-48

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DESTROY BY SHREDDING

Line Termination Summary

	A	B	C	D	E	F	G	H	I
1									
2					Incremental Cost	Joint Cost	Monthly Total		
3									
4									
5									
6									
7	569	ISDN Access Line,inc to POTS			\$ 12.9890	\$ 1.5942	\$ 14.5832		
8		RTU fee					\$ 6.3668		
9		TOTAL					\$ 20.9500		
10									
11									
12									
13									
14									
15	572	Call Hold			\$ 0.0277	\$ 0.0034	\$ 0.0311		
16	166	Display Service			\$ 0.0025	\$ 0.0003	\$ 0.0028		
17	249	"			\$ 0.0027	\$ 0.0003	\$ 0.0030		
18	739	"			\$ -	\$ -	\$ -		
19		TOTAL Display Service			\$ 0.0052	\$ 0.0006	\$ 0.0058		
20	573	Three Call Reference			\$ 0.1290	\$ 0.0158	\$ 0.1448		
21	578	Call Transfer			\$ 0.0602	\$ 0.0074	\$ 0.0676		
22	577	Conference and call drop			\$ 0.1302	\$ 0.0160	\$ 0.1462		
23	756	Calling Number Delivery *			\$ 0.0583	\$ 0.0072	\$ 0.0655		
24									
25		TOTAL			\$ 0.4107	\$ 0.0504	\$ 0.4611		
26									
27									
28									
29	203	B Channel Packet			\$ 0.1955	\$ 0.0240	\$ 0.2195		
30	204	"			\$ -	\$ -	\$ -		
31		TOTAL			\$ 0.1955	\$ 0.0240	\$ 0.2195		
32									
33									
34									
35	205	D Channel Packet			\$ -	\$ -	\$ -		
36	206	"			\$ -	\$ -	\$ -		
37		TOTAL			\$ -	\$ -	\$ -		
38									
39									
40									
41									
42									
43	Column A is the Bellcore feature number, see "Cost Summary" sheet for the Bellcore								
44	feature name.								
45	Column B is the feature name as described in the tariff.								
46									
47	* Cost is per DN.								
48									
49									
50									
51									
52									
53									
54									

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Optional Features Summary

	A	B	C	D	E	F	G	H	I
1									
2					Incremental Cost	Joint Cost	Monthly Total		
3									
4	Optional Features								
5									
6	B Channel CSV or CSD								
7									
8	563	Hunting (series completion) *			\$ 0.0834	\$ 0.0102	\$ 0.0936		
9	160	Additional Call References *			\$ 0.1866	\$ 0.0229	\$ 0.2095		
10	570	6 Party Conference Calling			\$ 0.4560	\$ 0.0560	\$ 0.5120		
11	580	Call Pickup			\$ 0.6227	\$ 0.0764	\$ 0.6991		
12	Elec Key Telephone Service								
13	159	Shared Directory Numbers *			\$ 1.0911	\$ 0.1339	\$ 1.2250		
14	163	Bridging			\$ 0.8619	\$ 0.1058	\$ 0.9677		
15	161	Auto/manual Bridged Call Exc			\$ 0.0016	\$ 0.0002	\$ 0.0018		
16	611	Intercom Calling			\$ -	\$ -	\$ -		
17	612	"			\$ -	\$ -	\$ -		
18	590	"			\$ 0.0571	\$ 0.0070	\$ 0.0641		
19	164	"			\$ 0.0078	\$ 0.0010	\$ 0.0087		
20	162	Abbreviated Ring/Delayed Ring			\$ 0.0156	\$ 0.0019	\$ 0.0175		
21	TOTAL EKTS				\$ 2.0351	\$ 0.2498	\$ 2.2848		
22	624	Additional Directory Number			\$ -	\$ -	\$ -		
23									
24	Packet Switched								
25									
26	245	X.25 Hunting, per group			\$ 0.0135	\$ 0.0017	\$ 0.0152		
27	633	Closed User Group			\$ -	\$ -	\$ -		
28	639	Addition Logical Channels			\$ -	\$ -	\$ -		
29	663	Permanent Virtual Circuit			\$ -	\$ -	\$ -		
30	624	Additional Directory Number			\$ -	\$ -	\$ -		
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42	Column A is the Bellcore feature number, see "Cost Summary" sheet for the Bellcore								
43	feature name.								
44	Column B is the feature name as described in the tariff.								
45									
46									
47	* Cost is per DN.								
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Cost Summary

Page 1

	A	B	C	D	E	F	G	H	I
1	Feature Description				Incremental Cost		Total Cost		
2					Switch Investment	Telco Engineering	Land	Building	
3					Monthly cost	Monthly cost	Monthly cost	Monthly cost	
4	ISDN Features								
5	159	Shared Call Appearance of a DN, per DN			\$ 0.9785	\$ 0.1125	\$ 0.0044	\$ 0.1296	
6	160	Multiple Call Appearances, per DN			\$ 0.1674	\$ 0.0192	\$ 0.0007	\$ 0.0222	
7	161	ISDN Bridged Call Exclusion, manual/auto			\$ 0.0015	\$ 0.0002	\$ 0.0000	\$ 0.0002	
8	162	Delayed and Abbreviated Ringing			\$ 0.0139	\$ 0.0018	\$ 0.0001	\$ 0.0018	
9	163	Bridging			\$ 0.7730	\$ 0.0889	\$ 0.0034	\$ 0.1023	
10	164	Intercom Alerting			\$ 0.0070	\$ 0.0008	\$ 0.0000	\$ 0.0009	
11	166	ISDN Time and Date Display			\$ 0.0023	\$ 0.0003	\$ 0.0000	\$ 0.0003	
12	203	Packet Switching IAO Perm B Channel			\$ 0.1753	\$ 0.0202	\$ 0.0008	\$ 0.0232	
13	204	Packet Switching IEO Perm B Chan			\$ -	\$ -	\$ -	\$ -	
14	205	Packet Switching IAO D Channel			\$ -	\$ -	\$ -	\$ -	
15	206	Packet Switching IEO D Channel			\$ -	\$ -	\$ -	\$ -	
16	245	X.25 Hunt Groups, per group			\$ 0.0121	\$ 0.0014	\$ 0.0001	\$ 0.0016	
17	249	Inspect for ISDN Terminals			\$ 0.0024	\$ 0.0003	\$ 0.0000	\$ 0.0003	
18	563	ISDN Series Completion, per DN			\$ 0.0748	\$ 0.0086	\$ 0.0003	\$ 0.0099	
19	569	Single Line ISDN Term. (incremental to POTS)			\$ 11.6493	\$ 1.3397	\$ 0.0519	\$ 1.5424	
20	570	ISDN Conf. Calling 6-way			\$ 0.4090	\$ 0.0470	\$ 0.0018	\$ 0.0541	
21	572	ISDN Call Hold			\$ 0.0248	\$ 0.0029	\$ 0.0001	\$ 0.0033	
22	573	ISDN Add-on Consultation Hold-Inc. Only			\$ 0.1157	\$ 0.0133	\$ 0.0005	\$ 0.0153	
23	577	ISDN Three-Way Calling			\$ 0.1168	\$ 0.0134	\$ 0.0005	\$ 0.0155	
24	578	ISDN Call Transfer Individual-All Calls			\$ 0.0540	\$ 0.0062	\$ 0.0002	\$ 0.0072	
25	580	ISDN Call Pickup			\$ 0.5584	\$ 0.0642	\$ 0.0025	\$ 0.0739	
26	590	ISDN Intercom Calling Restriction			\$ 0.0512	\$ 0.0059	\$ 0.0002	\$ 0.0068	
27	611	ISDN Intercom Functions			\$ -	\$ -	\$ -	\$ -	
28	612	ISDN 2-digit Intercom			\$ -	\$ -	\$ -	\$ -	
29	624	ISDN Multiple Directory Number Buttons			\$ -	\$ -	\$ -	\$ -	
30	633	X.25 Closed User Group			\$ -	\$ -	\$ -	\$ -	
31	639	X.25 One-way Outgoing Logical Channel			\$ -	\$ -	\$ -	\$ -	
32	663	X.25 Permanent Virtual Call Service			\$ -	\$ -	\$ -	\$ -	
33	739	ISDN Feature Display			\$ -	\$ -	\$ -	\$ -	
34	756	ISDN Calling Number Delivery, per DN			\$ 0.0523	\$ 0.0060	\$ 0.0002	\$ 0.0068	
35	569	IDLC (TR-303) ISDN Term. (incr. to POTS)			\$ 9.6665	\$ -	\$ 0.0438	\$ 1.2798	
36		100% IDLC							
37	Source for Column "E"				=Feature Investment IE*Charge Factor 'ISK\$15				
38	Source for Column "F"				=Feature Investment IF*Charge Factor 'ISK\$15				
39	Source for Column "G"				=Feature Investment IG*Charge Factor 'ISC\$33*Charge Factor 'ISK\$19				
40	Source for Column "H"				=Feature Investment IG*Charge Factor 'ISC\$33*Charge Factor 'ISK\$17				
41									
42									
43									
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47	TOTAL MONTHLY-Not including RTU fees								
48	CONFIDENTIAL								
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Right-To-Use Fees

	A	B	C	D	E	F
1	National NI-1 RTU Costs for 5ESS - Assuming 50% Breakage					
2						
3		Year				
4		1996	1997	1998	1999	2000
5						*note 1
6	Business ISDN Demand	3383	6001	8113	10226	12591
7	(1996 Eng.Planning Forecast)					
8	Number of 5E end offices	27	27	27	27	27
9	(Engineering)					
10	Avg. ISDN lines per end	125.30	222.26	300.48	378.74	466.33
11	office (L6 / L8)					
12						
13	PV Factor, 10.3% interest	1	0.906618	0.821957	0.745201	0.675613
14						
15	PV ISDN demand	125.30	201.50	246.98	282.24	315.06
16						
17	Sum of PV factors, (B13 - F13)					4.149389
18						
19	Sum of PV ISDN demand, (B15 - F15)					1171.0822
20						
21	Levelized ISDN demand per end office, (F19 / F17)					282.23
22						
23	National ISDN 1 feature pack cost, per block of 256 lines					\$ 195.00
24	(Kathy Himes, Engineering)					
25						
26	Levelized Feature breakage cost per end office, (256 x .5 x \$195)					\$ 24,960.00
27	Feature breakage per BRI, (F26 / F21)					\$ 88.44
28						
29	Total RTU fee per National ISDN 1 BRI, (\$195 + feature breakage cost per BRI)					\$ 283.44
30						
31	Add GRT, (F29 x 1.0499)					\$ 297.58
32						
33	ISDN 1 Monthly Cost per BRI, (F31 / PV annuity factor)					
34	{PV=EXCEL formula PV(10.3%/12,60,-1)}					
35	10.3% Discounted Cost of Money per S. Browning, Service Costs, 1/17/97					
36						
37	Note 1					
38	Year 2000 demand projected by using the Excel forecast function, =FORECAST(F4,B6:E6,B4:E4)					
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Feature Investment

	A	B	C	D	E	F	G	H	I
1	Feature Description				Investment				
2					Average	Telco Eng.	Total	Switch Investment	
3						11.5%		SCIS/N Avg. Run	
4	ISDN Features				\$	(E x .115)	(E + F)	Page	
5	159	Shared Call Appearance of a DN, per DN			36.07507	4.148633	40.2237	1	
6	160	Multiple Call Appearances, per DN			6.17004	0.709555	6.879595	2	
7	161	ISDN Bridged Call Exclusion, manual/auto			0.05438	0.006254	0.060634	3	
8	162	Delayed and Abbreviated Ringing			0.51417	0.05913	0.5733	4	
9	163	Bridging			28.49836	3.277311	31.77567	5	
10	164	Intercom Alerting			0.25708	0.029564	0.286644	6	
11	166	ISDN Time and Date Display			0.08305	0.009551	0.092601	7	
12	203	Packet Switching IAO Perm B Channel			6.46442	0.743408	7.207828	8	
13	204	Packet Switching IEO Perm B Chan			0	0	0	9	
14	205	Packet Switching IAO D Channel			0	0	0	10	
15	206	Packet Switching IEO D Channel			0	0	0	11	
16	245	X.25 Hunt Groups, per group			0.4465	0.051348	0.497848	12	
17	249	Inspect for ISDN Terminals			0.08897	0.010232	0.099202	13	
18	563	ISDN Series Completion, per DN			2.75779	0.317146	3.074936	14	
19	569	Single Line ISDN Term. (incremental to POTS)			429.46775	49.38879	478.8565	15	
20	570	ISDN Conf. Calling 6-way			15.077	1.733855	16.81086	16	
21	572	ISDN Call Hold			0.91553	0.105286	1.020816	17	
22	573	ISDN Add-on Consultation Hold-Inc. Only			4.26428	0.490392	4.754672	18	
23	577	ISDN Three-Way Calling			4.30632	0.495227	4.801547	19	
24	578	ISDN Call Transfer Individual-All Calls			1.99152	0.229025	2.220545	20	
25	580	ISDN Call Pickup			20.5878	2.367597	22.9554	21	
26	590	ISDN Intercom Calling Restriction			1.8884	0.217166	2.105566	22	
27	611	ISDN Intercom Functions			0	0	0	23	
28	612	ISDN 2-digit Intercom			0	0	0	24	
29	624	ISDN Multiple Directory Number Buttons			0	0	0	25	
30	633	X.25 Closed User Group			0	0	0	26	
31	639	X.25 One-way Outgoing Logical Channel			0	0	0	27	
32	663	X.25 Permanent Virtual Call Service			0	0	0	28	
33	739	ISDN Feature Display			0	0	0	29	
34	756	ISDN Calling Number Delivery, per DN			1.92814	0.221738	2.149876	30	
35	569	IDLC (TR-303) ISDN Term. (incr. to POTS)			356.37642	40.9826	397.353	31	
36		100% IDLC							
37									
38									
39									
40									
41									
42									
43									
44									
45									
46									
47									
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Charge Factor

	A	B	C	D	E	F	G	H	I	J	K
1											
2											
3											
4											
5											
6											
7											
8											
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28											
29											
30											
31											
32											
33											
34											
35											

Sources:

1994 Factor File
1994 Factor File

Ohio

Sources:

L15, 17 & 19 - 1996 Annual Charge Percentages
L15 (Col. G) - 1996 Annual Charge Percentages, MTCE, RTU cost removed

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SCIS/IN Features 2.1

Feature: 159. Shared Call Appearances of a DN

Report: Average

Calculation: Avg. E.F&I

State: CBT Input File: natisdn2

Date: 01/30/97 16:00

Technology: 5ESS (5E NISDN:05-22-96 (5E9.2, 02-95))

Investment Category	Variable	Direct Fixed per DN	Shared Fixed per DN	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	No Inv.	No Inv.	No Inv.		
B. CCS	No Inv.	No Inv.	No Inv.		
C. Call	36.07507	No Inv.	No Inv.		
D. Minimum per Line	No Inv.	No Inv.	No Inv.		
E. Hardware	No Inv.	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	36.07507	No Inv.	No Inv.		
TOTAL Investment:	per DN 36.07507				

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SCIS/IN Features 2.1

Feature: 160. Multiple Call Appearances

Report: Average

Calculation: Avg. E, FBI

State: CBT Input File: nat1sdn2

Date: 01/30/97 16:00

Technology: 5ESS (5E WISDN:05-22-96 (5E9.2, 02-95))

Investment Category	Variable	Direct Fixed per DN	Shared Fixed per DN	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
B. CCS	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
C. Call	6.17004	No Inv.	No Inv.	No Inv.	No Inv.
D. Minimum per Line	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
E. Hardware	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
F. Memory	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
G. SSP Octet	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
H. Total End Office	6.17004	No Inv.	No Inv.	No Inv.	No Inv.
TOTAL Investment:	per DN 6.17004				

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 161. ISDN Bridged Call Exclusion

Report: Average

Calculation: Avg. E, f&I
State: CBT Input File: natisdn2 Date: 01/30/97 16:00
Technology: SESS (SE NISDN:05-22-96 (SE9.2, 02-95))

Investment Category	Variable	Direct Fixed per Terminal	Shared Fixed per Terminal	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	No Inv.	No Inv.	No Inv.		
B. CCS	No Inv.	No Inv.	No Inv.		
C. Call	0.05438	No Inv.	No Inv.		
D. Minimum per Line	No Inv.	No Inv.	No Inv.		
E. Hardware	No Inv.	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	0.05438	No Inv.	No Inv.		

TOTAL Investment: per Terminal 0.05438

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 162. Delayed and Abbreviated Ringing

Report: Average

Calculation: Avg. E.F&I
State: CBI
Input file: natish2
Date: 01/30/97 16:00
Technology: SESS (SE WISDN:05-22-96 (SE9.2, 02-95))

Investment Category	Variable	Direct Fixed per Terminal	Shared Fixed per Terminal	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
B. CCS	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
C. Call	0.51417	No Inv.	No Inv.	No Inv.	No Inv.
D. Minimum per Line	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
E. Hardware	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
F. Memory	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
G. SSP Octet	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
H. Total End Office	0.51417	No Inv.	No Inv.	No Inv.	No Inv.
TOTAL Investment:	per Terminal 0.51417				

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 163. Bridging

Report: Average

Calculation: Avg. E, F&I
State: CBT Input File: natisch2 Date: 01/30/97 16:00
Technology: SESS (SE NISDN:05-22-96 (569.2, 02-05))

Investment Category	Variable	Direct Fixed per Terminal	Shared Fixed per Terminal	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	0.00000	No Inv.	0.16295		
B. CCS	6.77605	No Inv.	No Inv.		
C. Call	1.04610	No Inv.	No Inv.		
D. Minimum per Line	No Inv.	No Inv.	No Inv.		
E. Hardware	20.51326	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	28.33541	No Inv.			
TOTAL Investment:	per Terminal 28.49836				

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 164. Intercom Alerting

Report: Average

Calculation: Avg. E,F&I
State: CBT Input File: natish2 Date: 01/30/97 16:00
Technology: 5ESS (SE NISDN:05-22-96 (5E9.2, 02-95))

Investment Category	Variable	Direct Fixed per Terminal	Shared Fixed per Terminal	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	No Inv.	No Inv.	No Inv.		
B. CCS	No Inv.	No Inv.	No Inv.		
C. Call	0.25708	No Inv.	No Inv.		
D. Minimum per Line	No Inv.	No Inv.	No Inv.		
E. Hardware	No Inv.	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	0.25708	No Inv.	No Inv.		

TOTAL Investment: per Terminal 0.25708

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 166. ISDN Time and Date Display

Report: Average

Calculation: Avg. E, F&I
State: CBT Input File: natiscn2 Date: 01/30/97 16:00
Technology: 5ESS (SE NISDN:05-22-96 (5E9.2, 02-95))

Investment Category	Variable	Direct Fixed per Terminal	Shared Fixed per Terminal	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
B. CCS	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
C. Call	0.08305	No Inv.	No Inv.	No Inv.	No Inv.
D. Minimum per Line	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
E. Hardware	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
F. Memory	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
G. SSP Octet	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
H. Total End Office	0.08305	No Inv.	No Inv.	No Inv.	No Inv.

TOTAL Investment: per Terminal 0.08305

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 203. Packet Switching 1AO Perms 8 Channel

Report: Average

Calculation: Avg. E, f&l
State: CBY Input file: natish2 Date: 01/30/97 16:00
Technology: SESS (SE WISDN:05-22-96 (SEP.2, 02-95))

Investment Category	Variable	Direct Fixed per Terminal	Shared Fixed per Terminal	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	0.00000	No Inv.	0.00000		
B. CCS	0.00000	No Inv.	No Inv.		
C. Call	0.00000	No Inv.	No Inv.		
D. Minimum per Line	6.46442	No Inv.	No Inv.		
E. Hardware	No Inv.	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	6.46442	No Inv.			

TOTAL Investment: per Terminal 6.46442

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 204. Packet Switching IEO Perm B Chan

Report: Average

Calculation: Avg. E, F&I
State: CBT
Input file: natisch2
Date: 01/30/97 16:00
Technology: 5ESS (SE NISDN:05-22-96 (SE9.2, 02-95))

Investment Category	Variable	Direct Fixed per Terminal	Shared Fixed per Terminal	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	0.00000	No Inv.	0.00000		
B. CCS	0.00000	No Inv.	No Inv.		
C. Call	0.00000	No Inv.	No Inv.		
D. Minimum per Line	No Inv.	No Inv.	No Inv.		
E. Hardware	No Inv.	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	0.00000	No Inv.			
TOTAL Investment:	per Terminal 0.00000				

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 205. Packet Switching 1A0 D Channel

Report: Average

Calculation: Avg. E, F&I
State: CBT
Input File: natishd2
Date: 01/30/97 16:00
Technology: 5ESS (SE NISDM:05-22-96 (SE9.2, 02-95))

Investment Category	Variable	Direct Fixed per Terminal	Shared Fixed per Terminal	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
B. CCS	0.00000	No Inv.	No Inv.	No Inv.	No Inv.
C. Call	0.00000	No Inv.	No Inv.	No Inv.	No Inv.
D. Minimum per Line	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
E. Hardware	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
F. Memory	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
G. SSP Octet	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
H. Total End Office	0.00000	No Inv.	No Inv.	No Inv.	No Inv.

TOTAL Investment: per Terminal 0.00000

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 206. Packet Switching IEO D Channel

Report: Average

Calculation: Avg. E, F&I
State: CBT Input File: natisd2 Date: 01/30/97 16:00
Technology: SESS (5E WISDN:05-22-96 (5E9.2, 02-95))

Investment Category	Variable	Direct Fixed per Terminal	Shared Fixed per Terminal	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	0.00000	No Inv.	0.00000		
B. CCS	0.00000	No Inv.	No Inv.		
C. Call	0.00000	No Inv.	No Inv.		
D. Minimum per Line	No Inv.	No Inv.	No Inv.		
E. Hardware	No Inv.	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	0.00000	No Inv.			

TOTAL Investment: per Terminal 0.00000

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 245. X.25 Hunt Groups

Report: Average

Calculation: Avg. E,F&I
State: CBT
Input File: natisdn2
Date: 01/30/97 16:01
Technology: 5ESS (5E WISDN:05-22-96 (5E9.2, 02-95))

Investment Category	Variable	Direct Fixed per Group	Shared Fixed per Group	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	0.00000	No Inv.	0.38222		
B. CCS	No Inv.	No Inv.	No Inv.		
C. Call	0.06427	No Inv.	No Inv.		
D. Minimum per Line	No Inv.	No Inv.	No Inv.		
E. Hardware	No Inv.	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	0.06427	No Inv.	0.38222		NA
TOTAL Investment:	per Group 0.44650				

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 249. Inspect for ISDN Terminals

Report: Average

Calculation: Avg. E, F&I
State: CBT
Input File: natiscb2
Date: 01/30/97 16:01
Technology: 5ESS (SE WISDN:05-22-96 (SE9.2, 02-95))

Investment Category	Variable	Direct Fixed per Terminal	Shared Fixed per Terminal	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
B. CCS	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
C. Call	0.08897	No Inv.	No Inv.	No Inv.	No Inv.
D. Minimum per Line	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
E. Hardware	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
F. Memory	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
G. SSP Octet	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
H. Total End Office	0.08897	No Inv.	No Inv.	No Inv.	No Inv.
TOTAL Investment:	per Terminal 0.08897			per Office MA	

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 563. ISDN Series Completion

Report: Average

Calculation: Avg. E, FBI
State: CBT
Input File: natisdn2
Date: 01/30/97 16:01
Technology: 5ESS (SE WISDN:05-22-96 (5E9.2, 02-95))

Investment Category	Variable	Direct Fixed per DN	Shared Fixed per DN	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
B. CCS	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
C. Call	2.75779	No Inv.	No Inv.	No Inv.	No Inv.
D. Minimum per Line	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
E. Hardware	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
F. Memory	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
G. SSP Octet	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
H. Total End Office	2.75779	No Inv.	No Inv.	No Inv.	No Inv.

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TOTAL Investment: per DN 2.75779

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CINCINNATI BELL TELEPHONE
SCIS/IM Features 2.1
Feature: 569. Single Line ISDN

Report: Average

Calculation: Avg. E,F&I

State: CBT Input File: natisdn2

Date: 01/30/97 16:01

Technology: 5ESS (5E WISDN:05-22-96 (5E9.2, 02-95))

Investment Category	Variable	Direct Fixed per BRI	Shared Fixed per BRI	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	No Inv.	No Inv.	No Inv.		
B. CCS	No Inv.	No Inv.	No Inv.		
C. Call	12.35457	No Inv.	No Inv.		
D. Minimum per Line	417.11318	No Inv.	No Inv.		
E. Hardware	No Inv.	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	429.46775	No Inv.	No Inv.		
TOTAL Investment:	per BRI 429.46775				

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CINCINNATI BELL TELEPHONE

SCIS/IN Features 2.1

Feature: 570. ISDN Conf. Calling-6-way Terminal Contr

Report: Average

Calculation: Avg. E,F,I Date: 01/30/97 16:01
 State: CBT Input File: natisd2
 Technology: 5ESS (SE WISDN:05-22-96 (5E9.2, 02-95))

Investment Category	Variable	Direct Fixed per Terminal	Shared Fixed per Terminal	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	0.00000	No Inv.	0.17602		
B. CCS	No Inv.	No Inv.	No Inv.		
C. Call	0.81195	No Inv.	No Inv.		
D. Minimum per Line	No Inv.	No Inv.	No Inv.		
E. Hardware	14.08903	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	14.90098	No Inv.	0.17602		NA

TOTAL Investment: per Terminal 15.07700

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 572. ISDN Call Hold

Report: Average

Calculation: Avg. E, f&I

State: CBT Input File: natisdn2

Date: 01/30/97 16:01

Technology: 5ESS (SE WISDN:05-22-96 (5E9.2, 02-95))

Investment Category	Variable	Direct Fixed per Terminal	Shared Fixed per Terminal	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	No Inv.	No Inv.	No Inv.		
B. CCS	No Inv.	No Inv.	No Inv.		
C. Call	0.91553	No Inv.	No Inv.		
D. Minimum per Line	No Inv.	No Inv.	No Inv.		
E. Hardware	No Inv.	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	0.91553	No Inv.	No Inv.		

TOTAL Investment: per Terminal 0.91553

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 573. ISDN Add-on Consultation Hold-Inc. Only

Report: Average

Calculation: Avg. E,F&I
State: CBT
Input File: natisdn2
Date: 01/30/97 16:01
Technology: 5ESS (SE NISDN:05-22-96 (5E9.2, 02-95))

Investment Category	Variable	Direct Fixed per Terminal	Shared Fixed per Terminal	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	0.00000	No Inv.	0.01529		
B. CCS	No Inv.	No Inv.	No Inv.		
C. Call	0.14634	No Inv.	No Inv.		
D. Minimum per Line	No Inv.	No Inv.	No Inv.		
E. Hardware	4.10265	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	4.24899	No Inv.			

TOTAL Investment: per Terminal 4.26428

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 577. ISDN Three-Way Calling

Report: Average

Calculation: Avg. E, F, I
State: CBT
Input File: natisdn2
Date: 01/30/97 16:01
Technology: 5ESS (5E NISDN:05-22-96 (5E9.2, 02-95))

Investment Category	Variable	Direct Fixed per Terminal	Shared Fixed per Terminal	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	0.00000	No Inv.	0.05733		
B. CCS	No Inv.	No Inv.	No Inv.		
C. Call	0.14634	No Inv.	No Inv.		
D. Minimum per Line	No Inv.	No Inv.	No Inv.		
E. Hardware	4.10265	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	4.24899	No Inv.	0.05733		
TOTAL Investment:	per Terminal 4.30632				

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 57B. ISDN Call Transfer Individual-All Calls

Report: Average

Calculation: Avg. E, F&I
State: CBT
Input File: natiscn2
Date: 01/30/97 16:01
Technology: 5ESS (5E NISDN:05-22-96 (5E9.2, 02-95))

Investment Category	Variable	Direct Fixed per Terminal	Shared Fixed per Terminal	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	0.00000	No Inv.	0.15289		
B. CCS	No Inv.	No Inv.	No Inv.		
C. Call	1.15486	No Inv.	No Inv.		
D. Minimum per Line	No Inv.	No Inv.	No Inv.		
E. Hardware	0.68378	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	1.83863	No Inv.	0.15289		

TOTAL Investment: per Terminal 1.99152

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 580. ISDN Call Pick Up

Report: Average

Calculation: Avg. E, F&I
State: CBT
Input File: natisdn2
Date: 01/30/97 16:01
Technology: 5ESS (5E NISDN:05-22-96 (5E9.2, 02-95))

Investment Category	Variable	Direct Fixed per Terminal	Shared Fixed per Terminal	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	No Inv.	No Inv.	No Inv.		
B. CCS	No Inv.	No Inv.	No Inv.		
C. Call	20.58780	No Inv.	No Inv.		
D. Minimum per Line	No Inv.	No Inv.	No Inv.		
E. Hardware	No Inv.	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	20.58780	No Inv.			

TOTAL Investment: per Terminal 20.58780

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CINCINNATI BELL TELEPHONE
SCIS/IM Features 2.1
Feature: 590. ISDN Intercom Calling Restriction

Report: Average

Calculation: Avg. E,F&I
State: CBT
Input File: natisch2
Date: 01/30/97 16:01
Technology: 5ESS (5E NISDN:05-22-96 (5E9.2, 02-95))

Investment Category	Variable	Direct Fixed per Customer	Shared Fixed per Customer	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	No Inv.	No Inv.	No Inv.		
B. CCS	No Inv.	No Inv.	No Inv.		
C. Call	1.88840	No Inv.	No Inv.		
D. Minimum per Line	No Inv.	No Inv.	No Inv.		
E. Hardware	No Inv.	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	1.88840	No Inv.			

TOTAL Investment: per Customer 1.88840

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 611. ISDN Intercom Functions

Report: Average

Calculation: Avg. E,F&I
State: CBT
Input File: natisdn2
Date: 01/30/97 16:01
Technology: 5ESS (5E NISDN:05-22-96 (5E9.2, 02-95))

Investment Category	Variable	Direct Fixed per Terminal	Shared Fixed per Terminal	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	No Inv.	No Inv.	No Inv.		
B. CCS	No Inv.	No Inv.	No Inv.		
C. Call	No Inv.	No Inv.	No Inv.		
D. Minimum per Line	No Inv.	No Inv.	No Inv.		
E. Hardware	No Inv.	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	No Inv.	No Inv.	No Inv.		

TOTAL Investment: per Terminal No Inv.

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 612. ISDN 2-Digit Intercom

Report: Average

Calculation: Avg. E, F&I
State: CBT Input File: natishn2 Date: 01/30/97 16:01
Technology: SESS (SE NISDN:05-22-96 (SEP.2, 02-95))

Investment Category	Variable	Direct Fixed per Line	Shared Fixed per Line	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	No Inv.	No Inv.	No Inv.		
B. CCS	No Inv.	No Inv.	No Inv.		
C. Call	No Inv.	No Inv.	No Inv.		
D. Minimum per Line	No Inv.	No Inv.	No Inv.		
E. Hardware	No Inv.	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	No Inv.	No Inv.			
TOTAL Investment:	per Line No Inv.				

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 624. ISDN Multiple Directory Number Buttons

Report: Average

Calculation: Avg. E, F&I
State: CBT
Input File: natish2
Date: 01/30/97 16:01
Technology: SESS (SE NISDN:05-22-96 (SE9.2, 02-95))

Investment Category	Variable	Direct Fixed per Terminal	Shared Fixed per Terminal	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	No Inv.	No Inv.	No Inv.		
B. CCS	No Inv.	No Inv.	No Inv.		
C. Call	No Inv.	No Inv.	No Inv.		
D. Minimum per Line	No Inv.	No Inv.	No Inv.		
E. Hardware	No Inv.	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	No Inv.	No Inv.			

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TOTAL Investment: per Terminal No Inv.

CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 633. X.25 Closed User Groups

Report: Average

Calculation: Avg. E, F&I
State: CBT Input File: natisch2 Date: 01/30/97 16:01
Technology: SESS (SE NISDN:05-22-96 (5E9.2, 02-95))

Investment Category	Variable	Direct Fixed per Customer	Shared Fixed per Customer	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	No Inv.	No Inv.	No Inv.		
B. CCS	No Inv.	No Inv.	No Inv.		
C. Call	No Inv.	No Inv.	No Inv.		
D. Minimum per Line	No Inv.	No Inv.	No Inv.		
E. Hardware	No Inv.	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	No Inv.	No Inv.	No Inv.		
TOTAL Investment:	per Customer	No Inv.			

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 639. X.25 One-Way Outgoing Logical Channel

Report: Average

Calculation: AVG. E.&I
State: CBT
Input File: natish2
Date: 01/30/97 16:01
Technology: 5ESS (5E NISDN:05-22-96 (5E9.2, 02-95))

Investment Category	Variable	Direct Fixed per Customer	Shared Fixed per Customer	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	No Inv.	No Inv.	No Inv.		
B. CCS	No Inv.	No Inv.	No Inv.		
C. Call	No Inv.	No Inv.	No Inv.		
D. Minimum per Line	No Inv.	No Inv.	No Inv.		
E. Hardware	No Inv.	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	No Inv.	No Inv.			

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NOTICE MUST BE GIVEN
PRIOR TO RELEASE TO PUBLIC
per Office NA

TOTAL Investment: per Customer No Inv.

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DO NOT DUPLICATE - DESTROY BY SHREDDING



CINCINNATI BELL TELEPHONE

SCIS/IN Features 2.1

Feature: 663. X.25 Permanent Virtual Call Service

Report: Average

Calculation: Avg. E.FEI
State: CBT
Input File: natisd2
Date: 01/30/97 16:01
Technology: 5ESS (SE NISDN:05-22-96 (5E9.2, 02-95))

Investment Category	Variable	Direct Fixed per Customer	Shared Fixed per Customer	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	No Inv.	No Inv.	No Inv.		
B. CCS	No Inv.	No Inv.	No Inv.		
C. Call	No Inv.	No Inv.	No Inv.		
D. Minimum per Line	No Inv.	No Inv.	No Inv.		
E. Hardware	No Inv.	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	No Inv.	No Inv.	No Inv.		
TOTAL Investment:	per Customer	No Inv.			

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per Office NA

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CINCINNATI BELL TELEPHONE

SCIS/IM Features 2.1

Feature: 739. ISDN Feature Display

Report: Average

Calculation: Avg. E, F, I

State: CBT Input File: natish2

Date: 01/30/97 16:01

Technology: SESS (SE WISDM:05-22-96 (SE9.2, 02-95))

Investment Category	Variable	Direct Fixed per Terminal	Shared Fixed per Terminal	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
B. CCS	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
C. Call	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
D. Minimum per Line	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
E. Hardware	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
F. Memory	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
G. SSP Octet	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
H. Total End Office	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
TOTAL Investment:	per Terminal No Inv.				

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PRIOR TO RELEASE TO PUBLIC NA

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 756. ISDN Calling Number Delivery

Report: Average

Calculation: Avg. E, f&I
State: CBT
Input File: natisd2
Date: 01/30/97 16:01
Technology: 5ESS (SE WISDN:05-22-96 (SE9.2, 02-95))

Investment Category	Variable	Direct Fixed per DN	Shared Fixed per DN	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	No Inv.	No Inv.	No Inv.		
B. CCS	No Inv.	No Inv.	No Inv.		
C. Call	1.92814	No Inv.	No Inv.		
D. Minimum per Line	No Inv.	No Inv.	No Inv.		
E. Hardware	No Inv.	No Inv.	No Inv.		
F. Memory	No Inv.	No Inv.	No Inv.		
G. SSP Octet	No Inv.	No Inv.	No Inv.		
H. Total End Office	1.92814	No Inv.			
TOTAL Investment:	per DN 1.92814				

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NOTICE MUST BE GIVEN
PRIOR TO RELEASE TO PUBLIC
per Office NA
PROVIDED TO PUCO

CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 569. Single Line ISDN

Report: Average

Calculation: Avg. E, F&I
State: CBT Input File: test1 Date: 10/10/96 11:22
Technology: 5ESS (TR303 :08-30-96 (569.2, 02-95))

Investment Category	Variable	Direct Fixed per BRI	Shared Fixed per BRI	Direct Fixed per Office	Shared Fixed per Office
A. Getting Started	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
B. CCS	93.21890	No Inv.	No Inv.	No Inv.	No Inv.
C. Call	9.10326	No Inv.	No Inv.	No Inv.	No Inv.
D. Minimum per Line	254.04826	No Inv.	No Inv.	No Inv.	No Inv.
E. Hardware	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
F. Memory	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
G. SSP Octet	No Inv.	No Inv.	No Inv.	No Inv.	No Inv.
H. Total End Office	356.37042	No Inv.	No Inv.	No Inv.	No Inv.
TOTAL Investment:	per BRI 356.37042				

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NO INVESTMENT GIVEN
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CINCINNATI BELL TELEPHONE

SCIS/IN Features 2.1

Feature: 159. Shared Call Appearances of a DN

Calculation: E,F&I
State: CBT

Input File: natisch2

Date: 01/30/97 15:59

Input # Value Description

IP1 2.50000 BH SCA Originating calls per DN
IP2 2.00000 BH SCA Terminating calls per DN

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CINCINNATI BELL TELEPHONE

SCIS/IN Features 2.1

Feature: 160. Multiple Call Appearances

Calculation: E, F&I

State: CBY

Input File: natisdn2

Date: 01/30/97 15:59

Input #	Value	Description
IP1	4.00000	8H calls per DN

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 161. ISDN Bridged Call Exclusion

Calculation: E, F&I Input File: natishn2 Date: 01/30/97 15:59
State: CBT

Input #	Value	Description
IP1	0.10000	BH activations per Terminal

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 162. Delayed and Abbreviated Ringing

Calculation: E, FBI
State: CBT

Input File: natisdn2

Date: 01/30/97 15:59

Input # Value Description

IP1 1.00000 BH DAR calls per Terminal

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 163. Bridging

Calculation: E,FEI
State: CBT

Input File: natlschr2

Date: 01/30/97 15:59

Input # Value Description

IP1 0.10000 BH Bridging calls per Terminal
IP2 600.00000 MT (sec) per call

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 164. Intercom Alerting

Calculation: E,F&I

State: CBY Input File: natisdn2

Date: 01/30/97 15:59

Input # Value Description

1P1 0.50000

8H Intercom Alert calls per Terminal

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 166. ISDN Time and Date Display

Calculation: E,F&I Input File: natisd2 Date: 01/30/97 15:59
State: CBT

Input #	Value	Description
IP1	0.10000	BH activations per Terminal

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CINCINNATI BELL TELEPHONE

SCIS/IN Features 2.1

Feature: 203. Packet Switching IAO Perm B Channel

Calculation: E,F&I

State: CBY

Input File: natisdn2

Date: 01/30/97 15:59

Input # Value Description

IP1
IP2
IP3
IP4
IP5

0.00000 BH IAO PPS- IAO calls per Terminal
0.00000 BH IAO PPS per Terminal
0.00000 BH IAO Inter SM PPS per Terminal
0.00000 BH IAO Inter SM calls per Terminal
1.00000 Terminals per Channel

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 204. Packet Switching IEO Perm B Chan

Calculation: E,F&I Input File: natisch2 Date: 01/30/97 15:59
State: CBT

Input #	Value	Description
IP1	0.00000	8H IEO Otg PPS calls per Terminal
IP2	0.00000	8H IEO PPS per Terminal
IP3	0.00000	8H X.75 calls per Terminal
IP4	0.00000	8H IEO Single IP Otg. calls per Terminal
IP5	0.00000	8H IEO Multiple IP Otg. calls per Terminal
IP6	0.00000	8H Single IP Inc. calls per Terminal
IP7	0.00000	8H Multiple IP Inc. calls per Terminal

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CINCINNATI BELL TELEPHONE

SCIS/IN Features 2.1

Feature: 205. Packet Switching IAO D Channel

Calculation: E,F&I

State: CBT

Input File: natisch2

Date: 01/30/97 15:59

Input # Value Description

IP1 0.00000 BH IAO PS-D Calls per Terminal
 IP2 0.00000 BH IAO PPS per Terminal
 IP3 0.00000 BH IAO-Inter SM PPS per Terminal
 IP4 0.00000 BH IAO Inter SM calls per Terminal

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 206. Packet Switching IEO D Channel

Calculation: E,F&I Input File: natisdn2 Date: 01/30/97 15:59
State: CBY

Input #	Value	Description
IP1	0.00000	BH IEO Dtg PS-D calls per Terminal
IP2	0.00000	BH IEO PPS per Terminal
IP3	0.00000	BH IEO X.75 calls per Terminal
IP4	0.00000	BH IEO Single IP Dtg calls per Terminal
IP5	0.00000	BH IEO Multiple IP Dtg calls per Terminal
IP6	0.00000	BH IEO Single IP Inc. calls per Terminal
IP7	0.00000	BH IEO Multiple IP Inc. calls per Terminal

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 245. X.25 Hunt Groups

Calculation: E,F&I
State: CBT

Input File: natisd2

Date: 01/30/97 15:59

Input # Value Description

IP1 0.25000 BH X.25 HG calls per group

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 249. Inspect for ISDN Terminals

Calculation: E,F&I
State: C81
Input File: natisch2
Date: 01/30/97 15:59

Input #	Value	Description
IP1	0.10000	BH activations per Terminal
IP2	1.00000	Inspections per activation

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 563. ISDN Series Completion

Calculation: E, P&J
State: C&T

Input File: natisch2

Date: 01/30/97 15:59

Input # Value Description

IP1 3.00000 BH I-SC calls per OM
IP2 1.00000 Busy DNs per call

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CINCINNATI BELL TELEPHONE
SCIS/IM Features 2.1
Feature: 569. Single Line ISDN

Calculation: E,F&J
State: CBT

Input File: natisdn2

Date: 01/30/97 15:59

Input # Value Description

IP1	0.50000	BH ISDN-ISDN Intraoffice calls per BRI
IP2	0.50000	BH ISDN-POTS Intraoffice calls per BRI
IP3	0.50000	BH POTS-ISDN Intraoffice calls per BRI
IP4	1.50000	BH ISDN-Trunk calls per BRI
IP5	1.00000	BH Trunk-ISDN calls per BRI
IP6	4.00000	BH originating and terminating calls per BRI
IP7	1.00000	Include difference in Line

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 570. ISDN Conf. Calling-6-way Terminal Contr

Calculation: E,F&I
State: CBT
Input File: natisdn2
Date: 01/30/97 15:59

Input #	Value	Description
IP1	0.02000	BH 1-COMF calls per Terminal
IP2	600.00000	MT (sec) per Call
IP3	5.00000	Parties per call

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 572. ISDN Call Hold

Calculation: E,F&I
State: CBT

Input File: natiscn2

Date: 01/30/97 15:59

Input #	Value	Description
IP1	0.20000	BH 1-CH calls per Terminal
IP2	0.20000	BH Retrieved calls per Terminal

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CINCINNATI BELL TELEPHONE
SCIS/IM Features 2.1
Feature: 573. ISDN Add-on Consultation Hold-Inc. Only

Calculation: E, F&I
State: CBT
Input File: natiscn2
Date: 01/30/97 15:59

Input #	Value	Description
IP1	0.02000	BH 1-ACH-10 calls per Terminal
IP2	600.00000	HT (sec) per Call

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 577. ISDN Three-Way Calling

Calculation: E,F&I
State: CBT

Input File: natisdr2

Date: 01/30/97 15:59

Input # Value Description

IP1 0.02000 RM 1-34C calls per Terminal

IP2 600.00000 MT (sec) per Call

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CINCINNATI BELL TELEPHONE

SCIS/IN Features 2.1

Feature: 570. ISDN Call Transfer Individual-All Calls

Calculation: E,F&I

State: C87

Input File: natisdr2

Date: 01/30/97 15:59

Input # Value Description

IP1	0.20000	BH 1-CTAC calls per Terminal
IP2	10.00000	MT (sec) per Call

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 580. ISDN Call Pick Up

Calculation: E,F&I Input File: natidsn2 Date: 01/30/97 15:59
State: CBT

Input #	Value	Description
IP1	0.05000	BH activations per Terminal
IP2	3.00000	BH Terminating calls per Terminal

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 590. ISDN Intercom Calling Restriction

Calculation: E,F&I Input File: natisd2 Date: 01/30/97 15:59
State: C97

Input #	Value	Description	Rate
IP1	1.00000	8H 1-ICR calls per Customer	

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 611. ISDN Intercom Functions

Calculation: E,F&I
State: CBT

Input File: natisdh2

Date: 01/30/97 15:59

NO INPUTS REQUIRED

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 612. ISDN 2-Digit Intercom

Calculation: E, FBI
State: C81

Input File: natisdn2

Date: 01/30/97 15:59

NO INPUTS REQUIRED

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 624. ISDN Multiple Directory Number Buttons

Calculations: E,F&I
State: CBT

Input File: natisdn2

Date: 01/30/97 15:59

NO INPUTS REQUIRED

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CINCINNATI BELL TELEPHONE

SCIS/IN Features 2.1

Feature: 633. X.25 Closed User Groups

Calculation: E,F&I

State: CBT Input File: natish2

Date: 01/30/97 16:00

NO INPUTS REQUIRED

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CINCINNATI BELL TELEPHONE

SCIS/IN Features 2.1

Features: 639. X.25 One-Way Outgoing Logical Channel

Calculation: E, F&I

State: CBT Input File: natiscn2

Date: 01/30/97 16:00

NO INPUTS REQUIRED

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 663. X.25 Permanent Virtual Call Service

Calculation: E, FBI Input File: natisdn2 Date: 01/30/97 16:00
State: CBT

NO INPUTS REQUIRED

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 739. ISDN Feature Display

Calculation: E,F&I

State: CBT

Input File: natish2

Date: 01/30/97 16:00

NO INPUTS REQUIRED

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 756. ISDN Calling Number Delivery

Calculation: E,F&I Input File: natisdr2 Date: 01/30/97 16:00
State: CBY

Input #	Value	Description
IP1	2.00000	BH 1-CND calls per DM

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 159. Shared Call Appearances of a DN

Calculation: E,F&I
State: CBT
Input File: natiach2
Date: 01/30/97 16:01

Description:

This feature allows several sets to share one or more DNs. Orig. and term.
Events on one station set affect all stations sharing that DN.

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 160. Multiple Call Appearances

Calculation: E,F&I
State: CAT
Input File: natisdh2
Date: 01/30/97 16:01

Description:

HCA allow a set to have more than one DN button assigned to the same DN. Incoming calls for this DN are handled in much the same way as Series Completion; if the first call appearance button is busy, the switch attempts to complete the call to the first idle call appearance for that DN. Also a call can be originated from any idle call appearance while there is a call on hold on the first call appearance.

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 161. ISDN Bridged Call Exclusion

Calculation: E.f&1
State: CBT
Input File: natiscn2
Date: 01/30/97 16:01

Description:

Bridged Exclusion allows a set user to inhibit other stations from picking up a call on hold, or bridging onto a call that is active at that station. The activation may be manual or automatic.

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CINCINNATI BELL TELEPHONE

SCIS/IN Features 2.1

Feature: 162. Delayed and Abbreviated Ringing

Calculation: E,F&I

State: CBT Input file: natish2

Date: 01/30/97 16:01

Description:

Abbreviated Ringing alerts an ISDN set for a predetermined interval. Delay implies ringing will be delayed for some interval before it starts ringing.

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CINCINNATI BELL TELEPHONE
SCIS/IM Features 2.1
Feature: 163. Bridging

Calculation: E, FBI

State: CBT Input File: natisch2

Date: 01/30/97 16:01

Description:

Bridging allows the set user to bridge onto a currently active call by pressing the active call appearance button on the set and going off-hook. This establishes a 3-way call. This is different from standard 3WC because the third party initiates the bridge to the active call.

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 164. Intercom Alerting

Calculation: E,F&I
State: CBT

Input file: natisdn2

Date: 01/30/97 16:01

Description:

Intercom Alerting provides a distinctive ring and/or visual indicator to alert the set user of an intercom call.

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CINCINNATI BELL TELEPHONE

SCIS/IN Features 2.1

Feature: 166. ISDN Time and Date Display

Calculation: E,F&I

State: CBF Input File: natisdh2

Date: 01/30/97 16:01

Description:

Time and Date Display is a subscription feature for ISDN attendants and ISDN station set users. The switch provides the time and date to the ISDN station

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 203. Packet Switching 1AO Perm B Channel

Calculation: E,F&I
State: CBT Input File: natishn2 Date: 01/30/97 16:02

Description:

B-Channel Packet-Switching provides X.25 packet switching services over the B channel, using Layer 2 LAPB protocol. This B-channel may be either 56Kb or 64Kb connection. A primary use is to give packet-switching service access to a host computer. Many user sessions with the host computer can be carried on a single B-channel. Up to 127 simultaneous calls are allowed.

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 204. Packet Switching IEO Perm B Chan

Calculation: E,F&I
State: CBT
Input File: natisch2
Date: 01/30/97 16:02

Description:

This feature provides Interoffice (IEO) packet switching originating/terminating on Permanent Packet B channels of the BRI. Interoffice packet switching uses X.75 trunk groups and optionally may use proprietary protocol trunk groups (single trunk group or multiple trunk groups) in the SE switch. Note that only one type of protocol trunk group can be used per switch (single or multiple.) The cost analyst needs to review the existing packet tariffs to determine if these investments are already included in those tariffs. Refer to feature 203 for Intraoffice PPB packet switching.

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CINCINNATI BELL TELEPHONE
SCIS/IM Features 2.1
Feature: 205. Packet Switching IAO D Channel

Calculation: E,F&I
State: CBT
Input File: natisd2
Date: 01/30/97 16:02

Description:

D-Channel packet switching allows ISDN users to originate and receive X.25 packet switched data calls on the 16 Kb/s D Channel. Multiple data calls can be active simultaneously on a single D Channel. Refer to Feature 144 for the BRI investments.

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CINCINNATI BELL TELEPHONE
SCIS/IM Features 2.1
Feature: 206. Packet Switching IEO D Channel

Calculation: E,F&I
State: CBT
Input File: natishn2
Date: 01/30/97 16:02

Description:

This feature allows packet data calls to be carried outside of the originating office via X.75 trunks. The SE switch also has internal protocol (proprietary trunks) in a single trunk group or multiple trunk groups. The cost analyst should review existing packet tariffs to determine if the investments included in this feature have already been included in the existing tariffs. For intraoffice D-Channel packet switching, see Feature 205. See Feature 144 for the BRI investment.

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 245. X.25 Hunt Groups

Calculation: E,F&I
State: C&Y

Input File: natish2

Date: 01/30/97 16:02

Description:

This feature allows a grouping of lines such that an incoming packet-switched data call to the hunt group is completed, if there is an available logical channel on any of the access lines within the hunt group.

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CINCINNATI BELL TELEPHONE

SCIS/IN Features 2.1

Feature: 249. Inspect for ISDN Terminals

Calculation: E, F&I

State: CBT

Input File: natiscn2

Date: 01/30/97 16:02

Description:

The Inspect for ISDN Terminals feature retrieves and displays call related information any call appearance that has a call associated with it.

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CINCINNATI BELL TELEPHONE
SCIS/JM Features 2.1
Feature: 563. ISDN Series Completion

Calculation: E,F&I
State: CBT
Input File: natisdh2
Date: 01/30/97 16:02

Description:

Series completion is a hunting feature that is normally applied to a small group of Directory Numbers (DN). The DNs in the hunting arrangement have individual features assigned, rather than the group assignment normally associated with other hunting arrangements. When a call attempts to terminate to a DN with the series completion feature and that DN is busy, the call is directed to the DN designated as next in the hunting sequence. When the last DN in the group is busy, the caller receives busy tone.

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 569. Single Line ISDN

Calculation: E,F&I

State: C&T Input File: natiscn2

Date: 01/30/97 16:02

Description:

This feature identifies the investments for circuit switched voice on a BRI incremental to a residence or business line and optionally includes the additional cost of a BRI over a non-ISDN line interface. If the ISDN residence/business line has circuit switched data or packet switching, refer to the appropriate features for investments.

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CINCINNATI BELL TELEPHONE
SCIS/IM Features 2.1
Feature: 570. ISDN Conf. Calling-6-way Terminal Contr

Calculation: E,F&I
State: CBT
Input File: natisdh2
Date: 01/30/97 16:02

Description:

This feature allows an ISDN terminal to sequentially call up to five other parties after dialing the access code.

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 572. ISDN Call Hold

Calculation: E,F&I

State: CBY

Input File: natish2

Date: 01/30/97 16:02

Description:

This feature allows the user to place a call on hold by pressing the function button. Any station set with the call appearance for call on hold can pick up the call by pressing the call appearance button.

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 573. ISDN Add-on Consultation Hold-Inc. Only

Calculation: E,F&I
State: CBY
Input File: natisdn2
Date: 01/30/97 16:02

Description:

This feature is a business group variation of three way calling and is restricted to incoming calls to the business group via DDD. The Add-on feature allows "consultation-hold" where the incoming call is retained on hold while a private consultation between the called and third party is in effect. A subsequent called party switch-hook flash removes the hold and enables and 3-way

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CINCINNATI BELL TELEPHONE
SC16/IN Features 2.1
Feature: 577. ISDN Three-Way Calling

Calculation: E,F&I
State: CBT

Input File: natisch2

Date: 01/30/97 16:02

Description:

This feature allows a terminal in the talking state to add a third party to the call without operator assistance. To add a third party, the customer flashes the switch hook once to place the other party on hold, receives recall dial tone, dials the third party's telephone number, and then flashes the switch hook again to establish the three-way connection.

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 57B. ISDN Call Transfer Individual-All Calls

Calculation: E,F&I
State: CBT
Input File: natisdn2
Date: 01/30/97 16:02

Description:

This feature allows an ISDN business group user to transfer any established call to another station. The station user makes this transfer by hanging up. This feature is a modification of 3-way calling whereby hanging up on an established three-way call does not result in all three parties being

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 580. ISDN Call Pick Up

Calculation: E,F&I
State: CBT

Input File: natisdh2

Date: 01/30/97 16:02

Description:

An ISDN terminal may answer a call that has been terminated to another station in their common call pick-up group in a business group. This is accomplished by dialing a pick-up access code while the called station is being rung.

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 590. ISDN Intercom Calling Restriction

Calculation: E,F&I Input File: natisd2 Date: 01/30/97 16:02
State: CBT

Description:

This feature counts and limits the number of intercom calls that can be in progress at any one time within a customer group. It also sets a maximum total simultaneous call volume that includes intercom and calls external to the customer group.

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 611. ISDN Intercom Functions

Calculation: E,F&I
State: C81

Input File: natishn2

Date: 01/30/97 16:02

Description:

This feature allows the station set to emulate a dedicated wire to another station for priority conversations without tying up the station set from active or incoming calls. The feature consists of Automatic (Dedicated) Intercom and serves only two members in a group and One-Digit Intercom and serves up to ten members in the group. The user presses the intercom button and one digit if using one-digit intercom to originate the intercom call.

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 612. ISDN 2-Digit Intercom

Calculation: E,FEI
State: CBY

Input File: natisdn2

Date: 01/30/97 16:02

Description:

This feature provides 2-digit dialing to a maximum of 100 members in the intercom group. This augments the 1-digit intercom dialing available in ISDN intercom (Functions).

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 624. ISDN Multiple Directory Number Buttons

Calculation: E, F&I
State: CBT
Input File: natisdn2
Date: 01/30/97 16:02

Description:

Multiple Directory Number Buttons provide access to more than one DN on the ISDN set. Indicator lights show the status of the DN (idle, call on hold,

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 633. X.25 Closed User Groups

Calculation: E,F&I

State: CBT

Input File: natisd2

Date: 01/30/97 16:02

Description:

This feature allows ISDN subscribers to establish subnetworks within which the members of the closed user group can communicate. Communications with users who are external to the closed user group is not permitted. The closed user groups are established by a service order. A user can belong to multiple closed user groups.

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 639. X.25 One-Way Outgoing Logical Channel

Calculation: E,F&I
State: CBT

Input File: natiscr2

Date: 01/30/97 16:02

Descriptions:

This feature allows an ISDN subscriber to specify some number of the logical channels to be used only for calls that they originate. This feature is activated by service order.

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 663. X.25 Permanent Virtual Call Service

Calculation: E,F&I
State: CBT
Input File: natisdn2
Date: 01/30/97 16:02

Description:

This facility dedicates a logical channel to a particular destination and maintains the channel whether or not data is being transferred. Normal packet call set-up and clearing is not required on permanent virtual circuits.

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CINCINNATI BELL TELEPHONE

SCIS/IN Features 2.1

Feature: 739. ISDN Feature Display

Calculation: E,F&I

State: CBT

Input File: natisdn2

Date: 01/30/97 16:02

Description:

Feature Display provides the user of a terminal equipped with the 48-character LCD with visual feedback on user-entered data and incoming call information during the use of other ISDN features. Part of ISDN Basic Access for EWSO. Investments associated with the display for using features are included in the appropriate features for SESS.

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CINCINNATI BELL TELEPHONE
SCIS/IN Features 2.1
Feature: 756. ISDN Calling Number Delivery

Calculation: E, FBI
State: CBT

Input File: natish2

Date: 01/30/97 16:02

Description:

Enables the ISDN subscriber called party to receive the calling party's DN via D-channel signaling. (Date and time are also provided.) For incoming calls where the calling party's DN cannot be obtained the letter "p" and the date and time of the call are provided. For incoming calls where the calling party's DN is marked as private, the letter "p" and the date and time of the call are

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**NET RESALE
DISCOUNT**

MCI Depo.
EX. No. 29
CDR 11-26-97

NET RESALE DISCOUNT CALCULATION

1 Direct Avoided Expenses	\$34,908,643
2 New Resale Expenses	\$1,695,261
3 Net Direct Avoided Expenses	\$33,213,381
4 Total Revenues	\$336,896,979
5 Net Direct Resale Discount	9.9%

SOURCES:

Line 1 : Tab B, Page 1, Line 7, Column C
Line 2 : Tab C, Page 1, Line 1
Line 3 : Line 1 - Line 2
Line 4 : Tab D, Page 1, Line 17
Line 5 : Line 3 / Line 4

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RESALE DISCOUNT CALCULATION INCLUDING ALLOCATION OF INDIRECT COSTS

1 Net Direct Resale Discount	9.9%
2 Direct Avoided Expenses	\$34,908,643
3 Total Direct Expenses	\$386,848,381
4 Net Direct Avoided Expenses % of Total Direct Expenses	9.0%
5 Total Indirect Expenses	\$170,033,054
6 Allocated Indirect Avoided Expenses	\$15,343,539
7 Total Revenues	\$336,896,979
8 Indirect Resale Discount	4.6%
9 Net Direct + Indirect Resale Discount	14.4%

SOURCES:

Line 1 : Page 1, Line 5
 Line 2 : Page 1, Line 1
 Line 3 : Page 3, Line 25
 Line 4 : Line 2 / Line 3
 Line 5 : Page 4, Line 25
 Line 6 : Line 4 * Line 5
 Line 7 : Page 1, Line 4
 Line 8 : Line 6 / Line 7
 Line 9 : Line 1 + Line 8

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NETAVOID.XLS
 Discount with Indirect

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TOTAL DIRECT EXPENSE DEVELOPMENT

	Total Company Regulated Expenses	Accounts
1 Total Plant Services Expenses	\$126,367,805	Accounts 6112 - 6535
2 Total Depreciation and Amortization	\$105,357,317	Accounts 6561 - 6565
3 Total Marketing Expense	\$13,834,209	Accounts 6611 - 6613
4 Total Services Expense	\$52,956,122	Accounts 6621 - 6623
5 Total	\$298,515,452	
6		
7 Direct Investment Cost of Money + Income	\$110,149,695	
8 Taxes		
9		
10 INDIRECT EXPENSE ACCOUNTS, AS DEFINED BY PUCO GUIDELINES,		
11 INCLUDED IN TOTAL PLANT EXPENSES		
12		
13 Account		
14 6121 Land & Building	\$15,673,512	
15 6122 Furniture & Artwork	\$345,166	
16 6123 Office Equipment	\$962,781	
17 6124 General Purpose Computers	\$4,796,047	
18 Total	\$21,777,506	
19		
20 Booked Restructuring Expense	\$109,333	
21		
22 Restructuring Expense per PUCO	\$70,072	
23 3 Year Amortization		
24		
25 Net Total Direct Expenses	\$386,848,381	

SOURCES:

Lines 1 - 4 : 1995 End of Year Total
 Line 7 : Page 5, Line 43
 Lines 14 - 17 : 1995 End of Year Total
 Line 20 : Page 6, Line 3, Column A
 Line 22 : Page 6, Line 14
 Line 25 : Line 5 + Line 7 - Line 18 - Line 20 + Line 22

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 Total Direct
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TOTAL INDIRECT EXPENSE DEVELOPMENT

Account		Total Company Regulated Expenses
1	5301 Uncollectibles	\$2,128,474
2	6121 Land & Building	\$15,673,512
3	6122 Furniture & Artwork	\$345,166
4	6123 Office Equipment	\$962,781
5	6124 General Purpose Computers	\$4,796,047
6	6711 Executive	\$2,826,640
7	6712 Planning	\$5,221,333
8	6721 Accounting & Finance	\$7,958,474
9	6722 External Relations	\$6,253,922
10	6723 Human Resources	\$6,279,089
11	6724 Information Management	\$39,162,814
12	6725 Legal	\$1,962,089
13	6726 Procurement	\$1,635,284
14	6728 Other General & Administrative	\$77,213,374
15	Total	\$172,418,999
16		
17	Indirect Investment Cost of Money	\$17,158,421
18	+ Income Taxes	
19		
20	Booked Restructuring Expense	\$54,427,187
21		
22	Restructuring Expense per PUCO	\$34,882,821
23	3 Year Amortization	
24		
25	Net Indirect Expenses	\$170,033,054

SOURCES:

Lines 1 - 14: 1995 End of Year Account Totals

Line 17 : Page 5, Line 44

Line 20 : Page 6, Line 1, Column A + Page 6, Line 5, Column A

Line 22 : Page 6, Line 12 + Page 6, Line 16

Line 25: Line 15 + Line 17 - Line 20 + Line 22

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CAPITAL COST DEVELOPMENT

(All \$ in Thousands)

1 Plant in Service	\$1,463,080,000	Schedule B-2
2 Embedded AFUDC	\$7,014,000	Schedule B-2.2, P. 1 of 3
3 Carrying Charges - CWIP	\$400,000	Schedule B-2.2, P. 2 of 3
4 Adj. for Sale of Technical Center	(\$10,198,000)	Schedule B-2.2, P. 3 of 3
5 Total Plant in Service	<u>\$1,460,296,000</u>	
6		
7 Reserve for Accumulated Depreciation	\$617,422,000	Schedule B-3, P. 5 of 5
8 Embedded AFUDC	\$337,000	Schedule B-3.1, P. 1 of 3
9 PUCO Prescribed Depreciation Rates	\$3,465,000	Schedule B-3.1, P. 2 of 3
10 Adj. for Sale of Technical Center	(\$1,899,000)	Schedule B-3.1, P. 3 of 3
11 Accumulated Depreciation Reserve	<u>\$619,325,000</u>	
12		
13 Current Deferred Taxes	(\$13,078,000)	Schedule B-6
14 Non-Current Deferred Taxes	\$125,093,000	Schedule B-6
15 Customer Deposits	\$1,266,000	Schedule B-6
16 Other Rate Base Adjustments	<u>\$113,281,000</u>	
17		
18 Total Company Rate Base	\$727,690,000	L.5 - L.11 - L.16
19		
20 Rate of Return	11.35%	Schedule A-1
21		
22 Operating Income	\$82,592,815	L.18 * L.20
23		
24 Income Tax Rate	35%	
25		
26 Income Taxes	\$44,473,054	L.22 * L.24 / (1 - L.24)
27		
28 Operating Income + Income Taxes	\$127,065,869	L.22 + L.26
29		
30		
31 Direct / Indirect Assignment		
32 Land Investment	\$4,301,000	Schedule B-2.1, Page 1
33 Building Investment	\$126,429,000	Schedule B-2.1, Page 1
34 Furniture & Artwork Investment	\$13,248,000	Schedule B-2.1, Page 1
35 Office Equipment Investment	\$15,660,000	Schedule B-2.1, Page 1
36 General Purpose Computer Investment	\$37,554,000	Schedule B-2.1, Page 1
37 Total Indirect Investment	<u>\$197,192,000</u>	
38		
39 Total Direct Investment	\$1,265,888,000	L.5 - L.37
40		
41 Operating Income + Income Taxes		
42 Associated With:		
43 Direct Investment	\$110,149,695	L.28 * (L.39 / L.31)
44 Indirect Investment	\$17,158,421	L.28 * (L.37 / L.31)

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 Capital Costs FOR TO RELEASE TO PUBLIC

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RESTRUCTURING EXPENSE ADJUSTMENT

		Total Regulated (A)	Jurisdictional Factor (B)	Ohio Jurisdictional (C)	PUCO 3 Yr. Amort. Amt. (D)
1	6121	\$847,265	0.5628	\$476,832	\$305,605
2					
3	6563	\$109,333	0.6060	\$66,254	\$42,463
4					
5	6728	\$53,579.922	0.6284	\$33,669,239	\$21,578.886
6					
7		\$54,536.520	0.6273	\$34,212,325	\$21,926,954
8					
9					Total Company
10					3 Year
11					Amort. Amt.
12	6121				\$543,019
13					
14	6563				\$70,072
15					
16	6728				\$34,339,803
					\$34,952,894

SOURCES:

Column A	WPC-3.9
Column B	WPC-3.9
Column C	WPC-3.9
Column D, L. 1 - 5	(Column C / L.7, Column C) * Line 7, Column D
Column D, L. 7	WPC-3.9
Column E, L. 1 - 7	Column D - Column C
Column E, L. 12	Column E, L.1 / Column B, L.1
Column E, L. 14	Column E, L.3 / Column B, L.3
Column E, L. 16	Column E, L.5 / Column B, L.5

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TOTAL AVOIDED EXPENSES - SUMMARY

	TOTAL COMPANY REGULATED EXPENSES (A)	EXPENSES NOT AVOIDED (B)	AVOIDED EXPENSES (C) = (A) - (B)	% Avoided (D) = (C) / (A)
1 Account 6611 - Product Management	\$5,999,263	\$1,282,318	\$4,716,945	78.6%
2 Account 6612 - Sales	\$5,804,162	\$1,548,467	\$4,255,695	73.3%
3 Account 6613 - Product Advertising	\$2,030,783	\$23,396	\$2,007,387	98.8%
4 Account 6621 - Call Completion	\$4,150,932	\$4,150,932	\$0	0.0%
5 Account 6622 - Number Services	\$13,217,909	\$12,900,872	\$317,037	2.4%
6 Account 6623 - Customer Services	\$35,587,279	\$11,975,701	\$23,611,578	66.3%
7	\$66,790,328	\$31,881,685	\$34,908,643	52.3%

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AVOIDED XLS
Summary of Costs to PUCO

CINCINNATI BELL TELEPHONE
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SOURCES:

Column	A	Line	1	:	End of Year Regulated Account Totals
Column	B	Line	2	:	Page 5 Line 86 Column E
Column	B	Line	3	:	Page 8 Line 63 Column E
Column	B	Line	4	:	Page 11 Line 49 Column E
Column	B	Line	5	:	Page 14 Line 34 Column E
Column	B	Line	6	:	Page 15 Line 29 Column E
Column	B	Line		:	Page 19 Line 96 Column E

ACCT 6611 - PRODUCT MANAGEMENT

PRODUCT/SERVICE SPECIFIC CODES

ACCT (A)	DESCRIPTION (B)	FUNC CODE (C)	1995 EXPENSE (D)	NOT AVOIDED (E)	AVOIDED (F)	OPERATOR AVOIDED (G)
1	6611 SWITCHED IXC ACCES - PROD MGMT	9TE4	\$194,126	\$194,126		
2	6611 REG CBT BILL & COLLECTION-AT&T	9T37	\$156,791	\$156,791		
3	6611 PRODUCT MANAGEMENT-IXC CARRIER	2250	\$141,756	\$141,756		
4	6611 PUBLIC COMMUNICATIONS	9T91	\$94,248	\$94,248		
5	6611 SPCL ACCES-OTH-PROD MGT-REG	9TE2	\$68,022	\$68,022		
6	6611 MERCNET DS1/1.54 - PROD MGMT	9T9L	\$53,615	\$53,615		
7	6611 MERCLINK	9T9K	\$34,194	\$34,194		
8	6611 BILL & COLL-OTH IXC-BUSINESS	9T94	\$22,940	\$22,940		
9	6611 MERCNET DS3/45 - PROD MGMT	9TCR	\$20,223	\$20,223		
10	6611 SPCL ACCES-ANALOG SRV-PROD MGT	9TE1	\$19,827	\$19,827		
11	6611 METROPLEX - PRODUCT MGMT	9T57	\$19,801	\$19,801		
12	6611 PROJECT P - RESTRUCTURING	N260	\$19,009	\$19,009		
13	6611 COLOCATION - PRODUCT MGMT	9T60	\$2,480	\$2,480		
14	6611 CUST NET RECF SERV	9T9A	\$661	\$661		
15	6611 BILL & COLL-OTH IXC-RESIDENCE	9T93	\$501	\$501		
16	6611 DIVERSITY	9T9J	\$133	\$133		
17	6611 ELI - BUS - PRODUCT MGMT.	9T49	\$56	\$56		
18	6611 BASIC OFF SRV-INTER STATE DEV	0428	(\$502)	(\$502)		
19	6611 INTRASTAT-PRV LN SRV-SPCL ACC	0412	(\$1,523)	(\$1,523)		
20	6611 INTERSTAT-PRV LN SRVS-SPCL ACC	0422	(\$3,401)	(\$3,401)		
21	6611 REG CBT GENERIC-BUSINESS	9T3S	\$1,608,829		\$1,608,829	
22	6611 REG CBT GENERIC-RESIDENCE	9T3R	\$587,832		\$587,832	
23	6611 CUST CALL PLUS - RES	9T9G	\$124,784		\$124,784	
24	6611 DISTANCE LEARNING - PROD MGMT	9T4N	\$104,718		\$104,718	
25	6611 BRI - BUS - PRODUCT MGMT	9T4V	\$100,928		\$100,928	
26	6611 LAN ADVANTAGE - PRODUCT MGMT	9TDZ	\$63,747		\$63,747	
27	6611 PRI - BUS - PRODUCT MGMT	9T47	\$59,700		\$59,700	
28	6611 FRAME ADVANTAGE	9TD9	\$44,749		\$44,749	
29	6611 GEN ADM SPT E&T-INTERST DV	042A	\$33,738		\$33,738	

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30	6611	CUST CALL SERV-BUS	9T9F	\$32,931	
31	6611	CENTREX- 2000, NEW FEATURES	9T9D	\$29,341	
32	6611	CENTREX90	9T9B	\$28,651	
33	6611	ADD'ACCESSLINES-RES-PROD MGMT	9TEK	\$27,574	
34	6611	TRUNK ADV-DIGITAL PBX-PROD MGT	9TDY	\$24,639	
35	6611	BRI - RES - PRODUCT MGMT	9T4W	\$24,586	
36	6611	CUST CALL SERV-RES	9T9E	\$22,379	
37	6611	DA LOCAL - RES - PROD MGMT	9T41	\$22,260	
38	6611	LOCAL NETWRK-OTH RES-PROD MGMT	9T38	\$22,056	
39	6611	CENTREX2000	9T9C	\$17,621	
40	6611	911 - PRODUCT MANAGEMENT	9T4M	\$15,476	
41	6611	DA LOCAL - BUS - PROD MGMT	9T42	\$14,783	
42	6611	CENTREX GE - PROD MGMT - REG	9TF2	\$14,376	
43	6611	WORK-AT-HOME-PROD MGMT - REG	9TF3	\$13,069	
44	6611	CUST CALL PLUS - BUS	9T9H	\$12,491	
45	6611	INTERSTAT MTS-WATS SRV/SW ACC	0421	\$12,143	
46	6611	NTWRKACCESSLINES-RES-PROD MGMT	9TDE	\$11,355	
47	6611	TOLL & ASSIST -RES- PROD MGMT	9T4H	\$9,915	
48	6611	LOCAL NTWRK-OTHERBUS-PROD MGMT	9TEI	\$5,632	
49	6611	DACC - PRODUCT MANAGEMENT - RES	9T4D	\$5,451	
50	6611	TOLL & ASSIST -BUS- PROD MGMT	9T4I	\$3,974	
51	6611	MTS, WATS - PRODUCT MGT - BUS	9TE3	\$3,839	
52	6611	REG CBT PACKET SWITCHING	9T3B	\$3,692	
53	6611	ANALOG PBX TRUNKS - PROD MGMT	9TDP	\$3,400	
54	6611	LIST SERVICES -BUS- PROD MGMT	9T4B	\$2,770	
55	6611	NTWRKACCESSLINES-BUS-PROD MGMT	9TDF	\$2,298	
56	6611	CO-OTHER-RES-PROD MGMT	9T39	\$1,299	
57	6611	ADD'ACCESSLINES-BUS-PROD MGMT	9TEL	\$1,087	
58	6611	INTRASTAT MTS/WATS/SW ACC SRV	0411	\$824	
59	6611	CO-OTHER BUS-PROD MGMT	9TEJ	\$440	
60	6611	PROD MGT SUBSDY PROJ/CBIS	VT39	\$438	
61	6611	NET Q - PRODUCT MGMT	9TFA	\$377	
62	6611	OLLI - BUS - PROD MGMT	9T43	\$355	
63	6611	PAGERS-NETWORK LINE	9T96	(\$69)	
64	6611	BASIC OFF SRV- EXCH SRV DEVMT	0408	(\$502)	

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65	6611	BASIC OFF SRV-INTER INTRA-EX	0418	(\$502)	
66	6611	PROD MGT SUBSDY PROJ/NON CBIS	VT38	(\$1,173)	
67	6611	VERTICAL EXCHANGE SERVICES	0402	(\$2,903)	
68	6611	BASIC EXCHANGE SERVICES	0401	(\$3,029)	
69	6611	REG CBT CENTREX	9T3D	(\$3,542)	
70	6611	GEN ADM-SPT-E&T-EXCH SRV	040A	(\$3,562)	
71	6611	GEN ADM-SPT-E&T-INTRA ST DV	041A	(\$4,490)	
72		TOTAL OF PRODUCT SPECIFIC CODES		\$3,943,731	\$842,956
73		AVOIDED CODES AS % OF TOTAL			21.37%

GENERIC CODES

78	6611	FORECASTING	0450	\$265,681	\$56,788
79	6611	FORECASTING COMM PROD/SRV	L450	(\$1,508)	(\$322)
80	6611	BASIC OFC SRV-FORECAST	L458	(\$386)	(\$83)
81	6611	PRODUCT MGT ABSENCE/HOLIDAY	VT3D	\$96,523	\$20,631
82	6611	PRODUCT MANAGEMENT GENERIC	VT3F	\$1,695,221	\$362,347
83		TOTAL OF GENERIC CODES		\$2,055,531	\$439,361

TOTAL AVOIDED 6611 FUNCTION CODES

86				\$5,999,262	\$1,282,318
87					21.37%

		(\$502)	
		(\$1,173)	
		(\$2,903)	
		(\$3,029)	
		(\$3,542)	
		(\$3,562)	
		(\$4,490)	
		\$3,100,775	78.63%
		\$42,494	1.08%

		\$208,893	
		(\$1,186)	
		(\$303)	
		\$75,892	\$1,040
		\$1,332,875	\$18,266
		\$1,616,170	\$22,149

		\$4,716,945	
		78.63%	
		\$64,643	1.08%

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SOURCES:

Column	D	Lines	78-82	:	1995 End of Year Total
Column	E	Lines	78-82	:	Column D * Line 73, Column E
Column	F	Lines	78-82	:	Column D * Line 73, Column F

ACCT 6612 - SALES EXPENSE

PRODUCT/SERVICE SPECIFIC CODES

ACCT (A)	DESCRIPTION (B)	FUNC CODE (C)	1995 EXPENSE (D)	NOT AVOIDED (E)	AVOIDED (F)	OPERATOR AVOIDED (G)
1	6612 INTERCO RELATIONS-IXC CUSTOMER	2240	\$527,314			
2	6612 PUBLIC COMMUNICATIONS	9T95	\$172,878			
3	6612 SWITCHED IXC ACCESS - SALES	9TE8	\$133,600			
4	6612 BILLING & COLLECTION-SALES REG	9TF4	\$123,685			
5	6612 MERCNET DS1 MERCNET 1.54-SALES	9T35	\$79,527			
6	6612 SPCL ACCESS-OTH-SALES-REG	9TE6	\$72,195			
7	6612 METROPLEX - SALES	9T59	\$38,394			
8	6612 MERCLINK	9T33	\$20,010			
9	6612 MERCNET DS3 MERCNET 45-SALES	9T40	\$19,431			
10	6612 CUST NET RECF SERV	9T3F	\$12,442			
11	6612 PROJECT P - RESTRUCTURING	N210	\$8,013			
12	6612 SPECIAL ACCESS-ANALOG SVC-SALE	9TE5	\$7,804			
13	6612 DIVERSITY	9T32	\$7,274			
14	6612 SUPPORT SERVICES - ISC	22TE	(\$29)			
15	6612 ISC,CPOC,RCC/CMC-SALES SRV	2241	(\$1,183)			
16	6612 CENTRAL OFFICE-OTHER-RESIDENCE	9T3A	\$1,225,089		\$1,225,089	
17	6612 REG CBT GENERIC-BUSINESS	9T3T	\$679,839		\$679,839	
18	6612 LOCAL NETWORK-OTHER-BUS-SALES	9TDN	\$194,669		\$194,669	
19	6612 911 SALES	9T84	\$180,549		\$180,549	
20	6612 CENTREX90	9T3L	\$164,554		\$164,554	
21	6612 TRUNK ADV-DIGITAL PBX - SALES	9TD1	\$131,156		\$131,156	
22	6612 CENTREX GE - SALES	9TF6	\$109,026		\$109,026	
23	6612 BRI - BUS - SALES	9T4S	\$100,525		\$100,525	
24	6612 CENTREX2000	9T3N	\$95,093		\$95,093	
25	6612 LAN ADVANTAGE - SALES	9TD2	\$84,585		\$84,585	
26	6612 REG CBT CENTREX-2000/FEATURES	9T3E	\$80,206		\$80,206	
27	6612 ANALOG PBX TRUNKS - SALES	9TDM	\$58,284		\$58,284	
28	6612 DISTANCE LEARNING - SALES	9T83	\$53,550		\$53,550	
29	6612 CUST CALL PLUS-RES	9T3Y	\$48,921		\$48,921	

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6612

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30	6612	FRAME ADVANTAGE - SALES	9T53	\$48,342	
31	6612	PRI - BUS - SALES	9T4P	\$42,178	
32	6612	CENTRAL OFFICE-OTHER-BUSINESS	9TEM	\$33,341	
33	6612	BUS OFF - CENTREX 90/90+ - SALES	9TAK	\$17,073	
34	6612	BUS OFF CUSTOM CALLING + - SALES	9TAE	\$16,392	
35	6612	NETWORK ACCESSLINES-BUS-SALES	9TDH	\$7,401	
36	6612	BUS OFF CUSTOM CALLING-SALES	9TAD	\$5,667	
37	6612	CUST CALL SERV-RES	9T3V	\$3,962	
38	6612	ADD'L ACCESS LINES-BUS - SALES	9TDL	\$2,299	
39	6612	BRI - RES - SALES	9T4R	\$1,801	
40	6612	MTS. WATS - SALES BUS	9TE7	\$941	
41	6612	CENTREX-OTHER-CTX I/II AND ESSX	9T3P	\$931	
42	6612	CUST CALL SERV-BUS	9T3W	\$685	
43	6612	CUST CALL PLUS-BUS	9T31	\$660	
44	6612	BUS OFF-CENTRAL OFF-OTHR-SALES	9TAF	\$469	
45	6612	NETWORK ACCESSLINES-RES-SALES	9TDG	\$238	
46	6612	ADD'L ACCESS LINES-RES - SALES	9TDK	\$114	
47	6612	BUS OFFICE TRUNK ADVTG - SALES	9TD7	\$81	
48	6612	REG CBT PACKET SWITCHING	9T3C	(\$1,363)	
49	6612	PAGERS-NETWORK LINE	9T97	(\$2,430)	
50	6612	LOCAL NETWORK-OTHER-RES-SALES	9T34	(\$11,223)	
51	6612	REG CBT GENERIC-RESIDENCE	9T3G	(\$16,917)	
52					
53	TOTAL OF RES/BUS SPECIFIC CODES				\$4,578,042
54	AVOIDED CODES AS % OF TOTAL				\$1,221,356
55					26.68%

GENERIC CODES

59	6612	SALES EXPENSE ABSENCE/HOLIDAY	VT3G	\$89,290	\$23,821
60	6612	SALES EXPENSE GENERIC	VT3J	\$1,136,830	\$303,290
61		TOTAL OF GENERIC CODES		\$1,226,120	\$327,111
62					
63	TOTAL AVOIDED 6612 FUNCTION CODES - SALES				\$5,804,162
64	AVOIDED CODES AS % OF TOTAL				\$1,548,467
					26.68%

AVOIDED XLS
6612

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	\$48,342	
	\$42,178	
	\$33,341	
	\$17,073	
	\$16,392	
	\$7,401	
	\$5,667	
	\$3,962	
	\$2,299	
	\$1,801	
	\$941	
	\$931	
	\$685	
	\$660	
	\$469	
	\$238	
	\$114	
	\$81	
	(\$1,363)	
	(\$2,430)	
	(\$11,223)	
	(\$16,917)	
	\$3,356,686	\$0
	73.32%	0.00%

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	\$65,468	\$0
	\$833,540	\$0
	\$899,009	\$0
	\$4,255,695	\$0
	73.32%	0.00%

SOURCES:

Column	D	Lines	59-60	:	1995 End of Year Total
Column	E	Lines	59-60	:	Column D * Line 54, Column E
Column	F	Lines	59-60	:	Column D * Line 54, Column F

ACCT 6613 - ADVERTISING

PRODUCT/SERVICE SPECIFIC CODES

ACCT	DESCRIPTION (B)	FUNC CODE (C)	1995 EXPENSE (D)	NOT AVOIDED (E)	AVOIDED (F)	OPERATOR AVOIDED (G)
1	6613 PUBLIC COMMUNICATIONS	9T92	\$15,493	\$15,493		
2	6613 DIVERSITY	9T9V	\$4,209	\$4,209		
3	6613 MERCLINK	9T9W	\$1,350	\$1,350		
4	6613 METROPLEX - PRODUCT ADV	9T58	\$890	\$890		
5	6613 SPCL ACC-OTHER-PRODUCT ADVERT	9TEA	\$621	\$621		
6	6613 MERCNET DS1/1 54 PRODUCT AD	9T9Y	\$610	\$610		
7	6613 MERCNET DS3/MERCNET 45-PROD AD	9T9Z	\$117	\$117		
8	6613 SPCL ACCESS-ANALOG SVC-PRODAD	9TE9	\$21	\$21		
9	6613 CUST CALLING, PLUS-RES	9T9T	\$596,165		\$596,165	
10	6613 REG CBT RESIDENCE	9T3J	\$337,742		\$337,742	
11	6613 REG CBT BUSINESS	9T3K	\$230,042		\$230,042	
12	6613 ADD'L ACC LNES - BUS - PROD AD	9TDT	\$224,980		\$224,980	
13	6613 ADD'L ACC LNES - RES - PROD AD	9TDS	\$190,307		\$190,307	
14	6613 INFO ADVTSG-PUB REL & ADV	L340	\$93,816		\$93,816	
15	6613 LOCAL NETWORK-OTHER - BUSINESS	9TDI	\$73,269		\$73,269	
16	6613 CUST CALLING, PLUS-BUS	9T9U	\$67,668		\$67,668	
17	6613 CUST CALLING, SVC-RES	9T9R	\$62,171		\$62,171	
18	6613 CUST CALLING, SVC-BUS	9T9S	\$28,712		\$28,712	
19	6613 LAN ADVANTAGE - PRODUCT AD	9TD4	\$20,314		\$20,314	
20	6613 PRI - BUS - PRODUCT ADVERTISE	9T4E	\$15,531		\$15,531	
21	6613 INFO ADVTSG - PUBLIC REL	0340	\$10,488		\$10,488	
22	6613 DA LOCAL - RES - PROD ADVER	9T45	\$9,691		\$9,691	\$9,691
23	6613 TRUNK ADV -DIGITAL PBX-PROD AD	9TD3	\$9,486		\$9,486	
24	6613 DA LOCAL - BUS - PROD ADVER	9T46	\$7,598		\$7,598	\$7,598
25	6613 WORK-AT-HOME PRODUCT ADVER	9TF8	\$6,862		\$6,862	
26	6613 CENTREX90	9T9N	\$3,759		\$3,759	
27	6613 CENTREX2000	9T9P	\$3,408		\$3,408	
28	6613 LIST SERVICES -BUS- PROD AD	9T4C	\$2,755		\$2,755	
29	6613 BRI - BUS - PRODUCT ADVERTISE	9T4Y	\$1,778		\$1,778	

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30	6613	DISTANCE LEARNING - PRODUCT AD	9T81	\$1,377	
31	6613	CENTREX - OTHER - 2000, FEATURES	9T9Q	\$1,027	
32	6613	NETWRK ACC LINES - BUS - PROD AD	9TDR	\$732	
33	6613	911 - PRODUCT ADVERTISING	9T82	\$514	
34	6613	ANALOG PBX TRUNKS - PRODUCT AD	9TDU	\$141	
35	6613	PAGERS-NETWORK LINE	9T98	\$73	
36	6613	NETWRK ACC LINES - RES - PROD AD	9TDQ	\$13	
37	6613	MTSWATS - PRODUCT ADVERTISING	9TEB	\$12	
38	6613	DACC - PRODUCT ADVERTISING	9T4F	(\$532)	
39					

TOTAL OF PRODUCT SPECIFIC CODES
 AVOIDED CODES AS % OF TOTAL

\$2,023,210	\$23,309
	1.15%

GENERIC CODES

45	6613	PRODUCT ADV ABSENCE/HOLIDAY	VT3K	\$1,525	\$18
46	6613	PRODUCT ADVERTISING GENERIC	VT3N	\$6,048	\$70
47		TOTAL OF GENERIC CODES		\$7,573	\$87
48					

TOTAL AVOIDED 6613 FUNCTION CODES

\$2,030,783	\$23,396
	1.15%

\$1,377	
\$1,027	
\$732	
\$514	
\$141	
\$73	
\$13	
\$12	
(\$532)	

\$1,999,901	
98.85%	

\$1,508	\$13
\$5,978	\$52
\$7,486	\$65

\$2,007,387	
98.85%	

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 MUST BE GIVEN
 FOR TOTAL
 RELEASE TO PUBLIC
 PRIOR TO
 DELETED TO PUCO

SOURCES:

Column	D		: 1995 End of Year Total
Column	E	45-46	: Column D * Line 41, Column E
Column	F	45-46	: Column D * Line 41, Column F

AVOIDED XLS
Sources - 6613

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ACCT 6621 - CALL COMPLETION - OPR & DIR SVCS

ACCT (A)	DESCRIPTION (B)	FUNC CODE (C)	1995 EXPENSE (D)	NOT AVOIDED (E)	AVOIDED (F)	OPERATOR AVOIDED (G)
1	6621 ADM & OFC SUPP-INCPT-CNA-E911	214A	\$1,813	\$1,813		
2	6621 ADM & OFC SUPPT - MSG DB	216A	\$2,719	\$2,719		
3	6621 ADM & OFC SUPPT - MSQ INVEST MIU	211A	\$9,833	\$9,833		
4	6621 ADM & OFC SUPPT - OTHER OPR CBT	215A	\$845	\$845		
5	6621 ADM OF SUPPORT SERV-TSPS TOLL	212E	\$2,944	\$2,944		
6	6621 ADM PLNG-INCPT-CNA-E911	214G	(\$169)	(\$169)		
7	6621 ADM PLNG-OTH OPR SRV	215G	(\$169)	(\$169)		
8	6621 ADM,SPRT,E&T-DA & INCPT FORCE ADJ	290A	\$110,152	\$110,152		
9	6621 ADM,SPT,E&T- DA & INCPT SYS	293A	(\$2,197)	(\$2,197)		
10	6621 ADMINISTRATIVE PLNG-TSPS	212G	(\$2,404)	(\$2,404)		
11	6621 FACIL-DIR ASSIST-SYS-OT OP SRV	2931	(\$450)	(\$450)		
12	6621 FACILITIES- OSPS/DA/INTER MSG DB	2930	\$100,425	\$100,425		
13	6621 FORCE-DIRECTORY ASST SYS-OT OP	2901	\$93,927	\$93,927		
14	6621 FORCE-MECH INTERC-SY-OT OP SVC	2903	\$7,590	\$7,590		
15	6621 GEN BUS PBX SUPVN & ASST-OPR CBT	2151	\$23,481	\$23,481		
16	6621 GEN BUS PBX-JOB TRAINING	215U	(\$337)	(\$337)		
17	6621 GENERAL BUSINESS PBX OPER CBT	2150	\$110,864	\$110,864		
18	6621 INTERC OP REF SRC-MN SUPR&ASST	2147	\$1,903	\$1,903		
19	6621 INTERCEPT - OPERATORS	2140	\$78,506	\$78,506		
20	6621 INTERCEPT OPER REF SCE-MAINT	2146	\$380,689	\$380,689		
21	6621 INTERCEPT-SUPVN & ASST-OPR SRV	2141	\$7,327	\$7,327		
22	6621 MESSAGE INVESTIG-OPR SRV MIU	2110	\$281,992	\$281,992		
23	6621 METHD, PRAC, PROCDRE - MIC	211F	(\$1,495)	(\$1,495)		
24	6621 METHD, PRAC, PROCDRE-TSPS TOLL	212F	\$14,227	\$14,227		
25	6621 MOBILE & MARINE CALLS-OPERATOR	2153	\$24,601	\$24,601		
26	6621 MOBILE/MARINE CALLS-CLERICAL	2155	\$1,306	\$1,306		
27	6621 MOBILE/MARINE CALLS-SUP & ASST	2154	\$7,762	\$7,762		
28	6621 MTHD, PRC, PROCDRE-OTH OPR SR	215F	(\$228)	(\$228)		
29	6621 OP SVCS-CUST N/A-911-SAG	2143	\$184,205	\$184,205		
30	6621 OPER SVCS COSTS-TSPS COSTS TOLL	9320	\$2,506,497	\$2,506,497		

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31	6621	OPERATOR SRV -PBX CONTRACT SRV	2157	\$182,251	\$182,251	
32	6621	OPR SRV CLER-INTERCT SCHEDULG	2142	\$14,894	\$14,894	
33	6621	OPR SRV CLER-PBX-SPEC CONTRCT	2152	\$7,629	\$7,629	
34	TOTAL AVOIDED 6621 FUNCTION CODES					
35	AVOIDED CODES AS % OF TOTAL					
				\$4,150,932	\$4,150,932	\$0
						0.00%

SOURCE:

Column 1995 End of Year Total

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PRIOR TO RELEASE TO PUBLIC
AVOIDED XLS
6621 PROVIDED TO PUCO

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ACCT 6622 - OPERATOR & DIRECTORY SERVICES

ACCT (A)	DESCRIPTION (B)	FUNC CODE (C)	1995 EXPENSE (D)	NOT AVOIDED (E)	AVOIDED (F)	OPERATOR AVOIDED (G)
6622	DACC - PLANNING	2101	\$157	\$157		
6622	DACC - OPERATIONS	2102	\$480,249	\$480,249		
6622	ELI - PLANNING	2103	\$157	\$157		
6622	ELI - OPERATIONS	2104	\$19,123	\$19,123		
6622	OLLI - PLANNING	2105	\$157	\$157		
6622	OLLI - OPERATIONS	2106	\$31,497	\$31,497		
6622	NEW SERVICES DEVELOPMENT	2107	\$47,002		\$47,002	\$47,002
6622	DIRECTORY ASST-OPERATORS	2130	\$7,693,188	\$7,693,188		
6622	DIR ASST-SUPVN & ASST-OPR SRV	2131	\$1,763,330	\$1,763,330		
6622	OPERATOR SERVICES CLER-DA	2132	\$45,828	\$45,828		
6622	DIR ASST OPER REF SUPVN&AS-OPR	2137	\$35,995	\$35,995		
6622	ADM & OFC SUPPT - DA OPR	213A	\$723,608	\$723,608		
6622	ADM OF SUPPORT SERV-DA OPR	213E	(\$5,328)	(\$5,328)		
6622	METHD. PRAC, PROCDRE-DA OPR	213F	(\$1,431)	(\$1,431)		
6622	ADMINIST PLANNING-DA OPR	213G	\$18,291	\$18,291		
6622	PERSONNEL ADM - DA OPR	213J	(\$451)	(\$451)		
6622	COORDINATION/CONSULT-DA OPR	213K	\$913	\$913		
6622	OFFICE SERVICES - DA OPR	213L	\$2,168	\$2,168		
6622	JOB TRNG- DA- INWATS	213U	\$72,441	\$72,441		
6622	DIRECTORY ASST - LIST SVCS-OPR	2180	\$153	\$153		
6622	DA ORDER PROCESS/DATABASE MTNC	2193	\$126,947	\$126,947		
6622	LOC SUPVN -DA ADDA MFG-OPR SRV	2199	\$5,152	\$5,152		
6622	NYPs - DIRY OPRN	9221	\$17,711		\$17,711	
6622	ALPHABET- CUST BOOK PRODUCTN	9241	\$1,445,020	\$1,445,020		
6622	GUIDE PGS CUSTBOOK PRODUCTN	9243	\$21,411		\$21,411	
6622	CUST BOOK DELIVERY- DIRY OPRN	9261	\$301,375	\$301,375		
6622	SPECIAL NUMBER SERVICES	9272	\$230,913		\$230,913	
6622	GEN ADM & STAFF OPR -DIRY OPR	9291	\$142,335	\$142,335		
TOTAL AVOIDED 6622 FUNCTION CODES			\$13,217,909	\$12,900,872	\$317,038	\$47,002
AVOIDED CODES AS % OF TOTAL					2.40%	0.36%

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SOURCE: Column D: 1995 End of Year Total

ACCT 6623 - CUSTOMER SERVICES

PRODUCT/SERVICE SPECIFIC CODES

ACCT (A)	DESCRIPTION (B)	FUNC CODE (C)	1995 EXPENSE (D)	NOT AVOIDED (E)	AVOIDED (F)	OPERATOR AVOIDED (G)
6623	PUB TELEPHONE STAT COMM	9310	\$3,372,386	\$3,372,386		
6623	CABS BILLING	1200	\$1,395,853	\$1,395,853		
6623	CID EXPENSE	9T4A	\$1,056,373	\$1,056,373		
6623	MESSAGETOLL&WATS(IS)-CUST SRVC	9TBN	\$988,051	\$988,051		
6623	MESSAGETOLL&WATS(ST)-CUST SRVC	9TBM	\$861,800	\$861,800		
6623	IXC CUSTOMER SERVICE CENTER	2303	\$634,318	\$634,318		
6623	COIN-COLLECTION & INSPECTION	2600	\$465,670	\$465,670		
6623	COIN-CNTG-SEALG-WGH-RTE ASGMT	2601	\$233,109	\$233,109		
6623	MERCNET DS1/1.54-CUST SERVICES	9TCP	\$154,181	\$154,181		
6623	PUBLIC COMMUNICATIONS	9TCQ	\$100,131	\$100,131		
6623	SPIALACC-OTHRDIGSRVC(ST)-C.S.	9TEF	\$87,745	\$87,745		
6623	P/L&SPECIALACC (ST)-CUST SRVCS	9TBP	\$82,613	\$82,613		
6623	P/L SPECIAL ACCES(IS)-CUST SRVC	9TBO	\$34,862	\$34,862		
6623	COIN OPR-GEN ADM-OFFICE SVCS	26TA	\$30,051	\$30,051		
6623	COIN-INTERNAL SAFEGUARDING	2602	\$27,692	\$27,692		
6623	CARE PROGRAM SERVICES	2305	\$27,137	\$27,137		
6623	MERCLINK	9TCN	\$23,217	\$23,217		
6623	SPIALACC-OTHRDIGSRVC(IS)-C.S.	9TED	\$15,724	\$15,724		
6623	ADM & OFC SRV - ICSC	23TA	\$4,393	\$4,393		
6623	TOLL MSG BLG - B&C CUST	2306	\$1,412	\$1,412		
6623	COIN-LOCAL SUPERVISION	2609	(\$45)	(\$45)		
6623	ADM-ANYC CALL&ST/PRM GDE	2ETA	(\$394)	(\$394)		
6623	CUST SERV EXP BLD TO OTHER CR	566S	(\$477)	(\$477)		
6623	BAS OF SV INX ICSC-OT SRV CNT	2308	(\$1,950)	(\$1,950)		
6623	COIN-BASIC OFFICE SERVICES	2608	(\$2,957)	(\$2,957)		
6623	BAS OFC-ICSC-BLNG INQ-OT SVC	2328	(\$3,554)	(\$3,554)		
6623	REG CBT IXC ACTIVITY-BUSINESS	9TCA	(\$6,419)	(\$6,419)		
6623	REG CBT IXC ACTIVITY-RES	9TC9	(\$52,908)	(\$52,908)		
6623	LOCL NETWORK ACC LNES-CUST SRVC	9TBA	\$3,826,161		\$3,826,161	

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AVOIDED XLS

6623

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30	6623	OTHER LOCAL NETWORK - CUST SRV	9TC6	\$3,385,211	
31	6623	OTHER CENTRAL OFFICE-CUST SRVC	9TC4	\$1,195,904	
32	6623	EQUAL ACC&PRESUBSCRIP-CUSTSRVC	9TBC	\$626,010	
33	6623	CUST CALL PLUS - CUST SRVC	9TCJ	\$613,140	
52	6623	LCLNTRKADD'LACCLNES-CUST SVC RES	9TBB	\$592,483	
53	6623	CUSTOM CALLING SRVC-CUST SRVC	9TCG	\$351,033	
54	6623	CENTREX 90&90+ - CUST SERVICES	9TCC	\$337,668	
56	6623	DIRC AD - WHITE PGS - CUST SRVC	9T52	\$161,757	
58	6623	BRI - CUSTOMER SERVICES - BUS	9T4T	\$129,852	
66	6623	OTHER - REG - CUST SERVICES - RES	9T3U	\$124,335	
67	6623	ANALOG PBX TRUNKS - CUST SRVCS	9TBE	\$100,247	
68	6623	LAN ADVANTAGE - CUSTOMER SVC	9TD6	\$64,233	
69	6623	CENTREX 2000	9TCE	\$64,108	
70	6623	FRAME ADVANTAGE - CUST SVC	9T55	\$32,935	
34	6623	CENTREX 90&90+ OPTS-CUST SRVCS	9TBG	\$16,259	
35	6623	PAGERS-NETWORK LINE	9T99	\$13,443	
36	6623	PRI - BUS - CUSTOMER SERVICES	9T4Q	\$10,678	
37	6623	REG CBT PACKET SWITCHING	9TC3	\$8,426	
38	6623	CENTREX - OTHER - CTX III. ESSX	9TCF	\$708	
39	6623	CENTREX 2000 OPTIONS-CUST SRVC	9TBJ	\$468	
40	6623	TRUNK ADV - DIG PBX - CUST SVC	9TD5	\$20	
41	6623	BRI - BUS - CUSTOMER SERVICES	9T4U	(\$6)	
42	6623	CUST SERV OFC SRV-ED & TRN	23TW	(\$255)	
43	6623	LOC SUPVN -OTH RESI SR-NON-TR	2E99	(\$788)	
44		AVOIDED AS % OF TOTAL			
45				\$21,182,041	\$9,528,013
46					44.98%
				\$3,385,211	
				\$1,195,904	
				\$626,010	
				\$613,140	
				\$592,483	
				\$351,033	
				\$337,668	
				\$161,757	
				\$129,852	
				\$124,335	
				\$100,247	
				\$64,233	
				\$64,108	
				\$32,935	
				\$16,259	
				\$13,443	
				\$10,678	
				\$8,426	
				\$708	
				\$468	
				\$20	
				(\$6)	
				(\$255)	
				(\$788)	
				\$11,654,028	\$0
				55.02%	0.00%

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IN THE CASE OF THE PEOPLE

PROCEEDINGS TO PUCO

OTHER CUSTOMER SERVICE 6623 FUNCTION CODES

ACCT (A)	FUNC CODE DESCRIPTION (B)	FUNC CODE (C)	1995 EXPENSE (D)	NOT AVOIDED (E)	AVOIDED (F)	AVOIDED (F)
6623	CUSTOMER BILLING	M270	\$5,105,207	\$510,521		
6623	ANNOYANCE CALL BURU	2E91	\$283,404	\$283,404		
6623	ACCOUNTS PROCESSING OPERATIONS	M260	\$1,865,228	\$186,523		
6623	TOLL MESSAGE OPERATIONS	1223	\$1,610,677	\$161,068		
6623	PROJECT P - RESTRUCTURING	N370	\$125,025	\$125,025		
6623	REMITTANCE PROCESSING	M250	\$815,768	\$81,577		
6623	SERVICE & EQPT OPERATIONS	M240	\$812,212	\$81,221		
6623	PREMIS-ST ADRS GUIDE BUR-NON-T	2E94	\$79,360	\$79,360		
6623	CUSTOMER BILLING	1270	\$372,366	\$37,237		
6623	ACCOUNTS PROCESSING OPERATIONS	1260	\$9,904	\$990		
6623	SUP SRV-SERV&EQUIPT OP	124E	\$4,778	\$478		
6623	CUST OUTPUT-END USER-CMLN CH BILLG	1273	\$3,115	\$311		
6623	GEN ADM-SUPT-E&T-CUS ACCTG OPR	M2TA	\$320	\$32		
6623	SERVICE & EQPT PROCESSING	1240	\$36	\$4		
6623	SUP SRV - TOLL MESSAGE OP	123E	\$8	\$1		
6623	ADM SUP SRV-REMIT OPER	M25E	(\$1,290)	(\$129)		
6623	CUST SERV EXP BLD TO OTHER-CR	R66S	(\$60,689)	(\$60,689)		
6623	RESIDENCE SERVICE CENTER TRAIN	2E95	\$302,703			
6623	BUSINESS SERVICE CENTER TRAINING	2E96	\$226,556			
6623	CUST SERV JOB TRAINING	23TU	\$6,698			
6623	CUST SERV TRNG CRSE DVLPM	23TY	\$1			
6623	CUST SERV OFC SRVED & TRN	N3TW	(\$556)			
6623	CUST SERV TRN CRSE DVLPM	N3TY	(\$2,906)			
6623	CUST SERV JOB TRAINING	N3TU	(\$3,750)			
6623	CUST SERV-ADM-EDU & TRN	N3TR	(\$3,900)			
			\$11,550,274	\$1,486,933		

TOTAL

\$32,732,315	\$11,014,946
	33.65%

\$21,717,369	\$0
66.35%	0.00%

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GENERIC CODES

6623	CUSTOMER SERVICES GENERIC	VT3R	\$2,855,253	\$960,838	\$1,894,415	\$0
6623	CUSTOMER SVCS ABSENCE/HOLIDAY	VT3P	(\$248)	(\$83)	(\$165)	\$0
TOTAL AVOIDED 6623			\$35,587,320	\$11,975,701	\$23,611,619	\$0
					66.35%	0.00%

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AVOIDED XLS
P6623 AVOIDED TO PUCCO

CINCINNATI BELL TELEPHONE
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SOURCES:

Column	D				1995 End of Year Total
Column	E	55-86	Lines	:	If Col. E is not zero, it equals 10% of Col. D.
Column	E	94-95	Lines	:	Column D * Line 90, Column E
Column	F	94-95	Lines	:	Column D * Line 90, Column F

NEW RESALE COST DEVELOPMENT
(All \$ in Thousands)

1	1st Year Additional Resale Costs	\$1,695,261
		\$1,696,290
	: (P.3, L.14, Col.C + P.4, L.1, Col.H + P.5, L.7 + P.5, L.11 + P.6, L.9 + P.7, L.17 + P.7, L.23) / 1,000	

SOURCES
Line 1

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NEWCOST XLS
SUBMITTED TO PUCCO

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System & Training Costs

	Initial Cost (A)	Resale Percentage (B)	Resale Cost (C) = (A)*(B)
1 Ordering & Billing System	\$95,000	100%	\$95,000
Resale Specific Costs			
2 Ordering & Billing System Changes	\$725,000	50%	\$362,500
Resale & Unbundled Elements Costs			
3 Ordering & Billing System	\$760,000	50%	\$380,000
Revenue Accounting Code Changes			
4 Ordering & Billing System	\$395,000	50%	\$197,500
Security Changes			
5 Access to Operating Support Systems	\$481,000	50%	\$240,500
6 Loop Maintenance Operating System	\$50,000	50%	\$25,000
7 Automated Voice Answering System	\$70,000	50%	\$35,000
8 Minimum Telecommunications	\$25,000	50%	\$12,500
Service Standards Modifications			
9 Communications Program Development	\$44,200	50%	\$22,100
10 Directory Listing System Changes	\$120,900	50%	\$60,450
11 Directory Assistance Changes	\$50,000	50%	\$25,000
12 911 System Changes	\$0	50%	\$0
13 Toll & Assist Changes	\$40,000	50%	\$20,000
14 TOTAL	<u>\$2,856,100</u>		<u>\$1,475,550</u>

Sources:

Column A information is described and documented in Tab E, pages 1 through 4.
 Line 1 Column B represents costs that are specific to CBT providing resold services.
 Lines 2 through Line 13 represent costs that are joint to CBT providing both resale and unbundled elements. Column B of these lines is the projected percentage of resale services veruses unbundled element services. The 50% was provided by Market Management.

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 NEWCASTLES
 System Costs

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CLEC Labor Cost

(A)	Year (B)	Labor Inflation Rate (C)	Average Number of Service Representatives (D)	Service Representatives Annual Cost (E)=L.8*(C)*(D)	Supervisor Annual Cost (G)=L.12*(C)	Resale Annual Cost (H)=((F)+(G))*L.9*L.13
1	1997	1.034	4.5	\$265,917	\$86,574	\$69,336
2	1996 241 Labor Rate:					
3	Annual Hours:	\$30.19		CBT Labor Rate		
4	1996 Annual Cost:	1,893		Average Annual Hours Worked		
5	% of LEC Center Service	\$57,150		L.2 * L.3		
	Not in Nonrecurring Rates	39.3%		Page 8, L.12		
6	1996 Supervisor Labor Ra	\$44.23		CBT Labor Rate		
7	Annual Hours:	1,893		Average Annual Hours Worked		
8	1996 Annual Cost:	\$83,727		L.6 * L.7		
9	Proportion Resale	50%		Page 2, L.2, Col. B		

SOURCES:

Column C = Forecasted Inflation Rate
Column D = Tab E, Page 3 (17 / 2 / 2)

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NEW COST.XLS

Cincinnati Bell Telephone
Labor to PUCO

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LEC Center Service Representative's Furniture Costs

1	Capitalized Furniture per Representative	\$1,900
2	Capitalized Modular Panels per Representative	\$2,400
3	Total	<u>\$4,300</u>
4	Annual Charge Factor	0.2169
5	Number of People	10.0
6	Proportion Resale	50%
7	Total Resale Capitalized Furniture Annual Cost	\$1,835
8	Furniture Expense (Chair & free-standing table and cabinets)	\$1,000
9	Number of People	10.0
10	Proportion Resale	50%
11	Initial Resale Furniture Expense	\$1,967

SOURCES:

Line 1	CBT Real Estate Management, Tab E, Page 5
Line 2	CBT Real Estate Management, Tab E, Page 5
Line 4	Tab E, Page 6
Line 5	Number of Service Representatives + One Supervisor
Line 6	Page 2, Line 2, Column B
Line 7	Line 3 * Line 4 * Line 5 * Page 3, L.5
Line 8	CBT Real Estate Management, Tab E, Page 5
Line 9	Line 5
Line 10	Page 2, Line 2, Column B
Line 11	Line 8 * Line 9 * Line 10 * Page 3, Line 5

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NEWCOST XLS

PROHIBITED TO PUBLIC

CINCINNATI BELL TELEPHONE
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LEC Center Service Representative's Computer & Telephone Costs and Computer Equipment for Access to Operating Support Systems

1	Computer & Telephone Equipment per Service Representative	\$3,450
2	Number of People	10.0
3	Total LEC Center Computer & Telephone Equipment	\$13,573
4	LEC Center Printers (2) & Facsimile Machines (1)	\$5,200
5	Computer Equipment for Access to OSS	\$75,000
6	Total Equipment Investment	<u>\$93,773</u>
7	Annual Charge Factor	0.4592
8	Proportion Resale	50%
9	Total Computer & Telephone Annual Cost	\$21,530

SOURCES:

Line 1	CBT Corporate Telecommunications
Line 2	Page 4, Line 5
Line 3	Line 1 * Line 2 * Page 3, Line 5
Line 4	2 Printers @ \$1,600 each, 1 facsimile machine @ \$2,000
Line 5	Tab E, Page 1, Description of Access to Operating Support Systems
Line 6	Line 3 + Line 4 + Line 5
Line 7	CBT Annual Charge Factor, Tab E, Page 7
Line 8	Page 2, Line 7
Line 9	Line 6 * Line 7 * Line 8

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COMPUTER COSTS
COMPUTER TO PUCCO

CINCINNATI BELL TELEPHONE
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2/3/97

Operator Services Equipment Costs

Switching Costs

1	Switching Investment				
2	Telco Engineering Factor				
3	Installed Investment				
4	Annual Charge Factor (377c)				
5	Annual Cost (377c)				
6					

Transmission Equipment

7	FLM-150 Termination Investment per Trunk				
8	DCS Termination Investment per Trunk				
9	Number of Trunks				
10	Total Transmission Equip't. Investment				
11	Annual Charge Factor (357C)				
12	Annual Cost				
13					

Annual Fiber CostTotal Equipment CostsProportion ResaleTotal Resale Equipment CostTranslation CostsLabor Rate (441 Level 1996 per Hour)People Months TimeTotal Hours per MonthTotal Translations CostProportion ResaleTotal Resale Translations CostSource

\$102,041	Network Engineering, Tab E, Page 8
11.5%	CBT Factor File
\$113,776	Line 1 * (1 + Line 2)
0.3255	CBT Annual Charge Factor
\$37,034	Line 3 * Line 4
\$63.96	Interoffice Study Support, Tab E, Page 13
\$79.12	Interoffice Study Support, Tab E, Page 13
90	Network Engineering
\$12,877	L.10 * (L.8 + L.9)
0.3881	CBT Annual Charge Factor
\$4,998	L.11 * L.12
\$1,979	Page 7, Line 13
\$44,011	L.7 + L.13 + L.14
50%	Page 2, Line 2, Column B
\$22,005	L.15 * L.16
\$39.63	CBT Labor Rate
30	Network Mice. & Technical Support
173	2,080 / 12
\$206,076	L.18 * L.19 * L.20
50%	Page 2, Line 2, Column B
\$103,038	L.21 * L.22

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Operator Services Trunking Fiber Cost

1. Length (Feet) 5,280 = 1 Mile
2. Number of Fibers 2
3. Fill Factor 0.33

	% (A)	Cost per Fiber Foot (B)	Length (C)=L.1 * (A) L.1 * A	Investment (D)=(B)*(C)*L.2/L.3	Annual Charge Factor (E)	Annual Cost (F)=(D)*(E)
4. 85C	60.7%	\$.097	3,204	\$1,884	0.2689	\$506
5. 822C	39.3%	\$.091	2,076	\$1,145	0.2983	\$342
6. Conduit Factor:		0.52321	Of 85C	\$985	0.2521	\$248
7. Pole Factor:		0.18646	Of 822C	\$225	0.3807	\$86
8. Total				\$4,239		\$1,182

9. Trunks per Transmission System (3 DS3 System)
10. Number of Trunks (Network Engineering)
11. Total Operator Services Trunks Fiber Cost per Mile (L.8 / L.9 * L.10)
12. Average Miles per Trunk (Tab E, Page 14, 15 Air Miles * 2.5)
13. Total Operator Services Trunks Fiber Cost (L.11 * L.12)

SOURCES:

- Line 2 Network Engineering
- Line 3 CBT Fiber Fill
- Column A See information below
- Column B CBT Fiber Cost per foot

Field Code	Fiber Feet	% of Total
85C	36,919	60.7%
822C	23,922	39.3%
	60,841	

Source: Fiber Feet - QR7A, 3Q '96

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LEC Center Service Representative Time From Nonrecurring Charges

	N, T, & C Orders (A)	Total Orders (B)
1 January	57,015	75,123
2 February	52,912	69,810
3 March	56,598	79,485
4 April	60,504	80,238
5 June	86,616	110,764
6 August	84,160	110,277
7 September	83,801	109,464
8 TOTAL	481,606	635,161

- 9 % N, T, & C Orders
- 10 % Orders Without Nonrecurring Charges
- 11 % Service Rep Time Non-Order Related
- 12 Total LEC Center Time Not Recovered

75.8%
24.2%
20.0%
39.3%

Through Nonrecurring Charges

SOURCES:

Lines 1 - 7

- Line 9
- Line 10
- Line 11
- Line 12

Summary of Completed USO Activity Report. This analysis assumes that all New, To, and Change orders result in a nonrecurring charge. Tab E, Pages 15 through 21.
L.8 Col. A. / L.8 Col. B
1 - L.9
Customer Sales & Service
L.10 + L.9 * L.11

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Service Order Data TO PICO

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TOTAL ACCESS LINES IN CBT's OPERATING AREA

	Ohio & Indiana (A)	Kentucky (B)	Total (C)	
1 Residence	512,258	132,372	644,630	AR118100: Line 8
2 Business/PBX	160,683	29,995	190,678	AR118100: Lines 20-22 + Line 27+ Lines 29-31 - Line 19
3 Centrex CO	10,509	608	11,117	AR118100: Line 33
4 Centrex 90	28,002	6,813	34,815	AR118100: Line 35
5 Centrex 2000	6,617	2,236	8,853	AR118100: Line 37
6 Total Centrex	45,128	9,657	54,785	Sum Line 3-5
7 TOTAL	718,069	172,024	890,093	Lines 1+2+7
8				
9 Public Coin	6,272	2,029	8,301	AR118100: Line 9
10 Semi-Pub Coin	951	213	1,164	AR118100: Line 10
11 Coinless	496	519	1,015	AR118100: Line 11
12 COCOTS	649	338	987	AR118100: Line 12+13
13 TOTAL COIN	8,368	3,099	11,467	
14				
15 TOTAL ACCESS LINES	726,437	175,123	901,560	Line 7 + Line 13
16 % Access Lines by State	80.6%	19.4%	100.0%	Line 15 / Line 15, Column C

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Access Lines TO PUCO

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REVENUE SUMMARY

		1995			
		Total Company			
		Revenues			
1	Total Local Service Revenues	\$352,597,836	Page 3	Line 65	
2	Total Network Access Revenue	\$142,587,226	Page 3	Line 129	
3	Total Long Distance Revenue	\$33,465,571	Page 5	Line 203	
4	Total Other Revenue	\$41,506,065	Page 5	Line 256	
5	Total Regulated Revenues	\$570,156,698			
6					
7	Excluded Revenues:				
8	Total Network Access Revenue	\$142,587,226	Line 2		
9	Total Other Revenue	\$41,506,065	Line 4		
10	Long Distance Settlements	\$20,908,748	Page 4	Line 202	
11	Local Public Revenues	\$16,299,645	Page 2	Line 37	
12	Grandfathered Private Line	\$10,178,432	P.2, L.42 + P.4, Lines 162, 167, 172, 177, 182, 187, 192		
13	Public Long Distance	\$1,403,258	Page 4	Line 135 + 136	
14	Semi-Public Basic Revenue	\$376,344	Page 2	Line 7 + 8	
15		\$233,259,718			
16					
17	Revenues for Resale Discount	\$336,896,979	Line 5 - Line 15		
18	Calculation				

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Revenue Summary

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REVENUE DETAIL FOR 1995

ACCOUNT	ACCOUNT DESCRIPTION	TOTAL COMPANY REVENUES
LOCAL SERVICE REVENUE		
Basic Area Revenue		
1 5001 1100	Business Recurring	108,484,188.88
2 5001 1200	Business Non-Recurring	2,280,615.53
3 5001 1300	Business Message	1,524,605.40
4 5001 2100	Residence Recurring	108,713,843.17
5 5001 2200	Residence Non-Recurring	4,445,547.53
6 5001 2300	Residence Message	487,603.89
7 5001 3100	Semi-Public Recurring	352,842.57
8 5001 3200	Semi-Public Non-Recurring	23,701.45
9 5001 9000	Other Basic Area Revenue	0.00
10	Total Main Account 5001	224,292,528.42
11		
Optional Extended Area Revenue		
12 5002 1100	Business Recurring	13,965,284.47
13 5002 1200	Business Non-Recurring	239,153.40
14 5002 1300	Business Message	278,792.32
15 5002 2100	Residence Recurring	17,847,800.07
16 5002 2200	Residence Non-Recurring	563,106.08
17 5002 2300	Residence Message	8,031.11
18	Total Main Account 5002	32,902,167.45
19		
Other Mobile Services Revenue		
20		
21 5004 1000	Recurring	4,526.97
22 5004 2000	Non-Recurring	20.00
23 5004 3000	Message	0.00
24	Total Main Account 5004	4,546.97
25		
Public Telephone Revenue		
26		
27 5010 1100	Local Public Messages Sent Paid	12,214,105.80
28 5010 1200	Local Public Messages Non-Sent Paid	2,331,419.05
29 5010 3100	Public Exchange - IX Carrier Recurring and Non-Recurring	190,243.08
30 5010 5100	Public Exchange - Customer Owned Recurring	527,576.33
31 5010 5200	Public Exchange - Customer Owned Non-Recurring	1,838.40
32 5010 5300	Public Exchange - Customer Owned Message/Usage	163,971.88
33 5010 6100	Semi-Public Messages Sent Paid	710,281.80
34 5010 6200	Semi-Public Messages Non-Sent Paid	160,211.04
35 5010 9000	Other Public Telephone Revenue	0.00
36	Total Main Account 5010	16,298,645.34
37		
Local Private Line Revenue		
38		
39 5040 1000	Interstate	0.00
40 5040 2000	Intrastate	9,155,898.84
41	Total Main Account 5040	9,155,898.84
42		
Customer Premises Revenue		
43		
44 5050 0000	Customer Premises Revenue	298.80
45		
Other Local Exchange Revenue		
46		
47 5060 1100	Central Office Features Business	8,817,862.36
48 5060 1200	Central Office Features Residence	26,348,720.26
49 5060 1300	Central Office Features Public	122,373.65
50 5060 1900	Central Office Features Other CO Features	21,805,118.93
51 5060 2100	Information Delivery Systems Recurring	8,691.96
52 5060 2200	Information Delivery Systems Non-Recurring	0.00
53 5060 2300	Information Delivery Systems Message/Usage	0.80
54 5060 3100	Directory Assistance - Intrastate Business	2,998,627.17
55 5060 3200	Directory Assistance - Intrastate Residence	5,984,773.21
56 5060 3300	Directory Assistance - Intrastate Public	0.00
57 5060 3900	Directory Assistance - Intrastate Other Directory Assistance	647,708.96
58 5060 4100	Directory Assistance - Interstate Business	(524.37)
59 5060 4200	Directory Assistance - Interstate Residence	(1,815.83)
60 5060 4300	Directory Assistance - Interstate Public	(17.60)
61 5060 4900	Directory Assistance - Interstate Other Directory Assistance	0.00
62		

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REVENUE.XLS
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63	5060	9000	Other Local Exchange Revenue	3,211,235.11
64			Total Main Account 5060	69,942,754.41
65	TOTAL LOCAL SERVICE REVENUE			352,597,836.23
66				
67	NETWORK ACCESS REVENUE			
68	End User Revenue			
69	5081	1000	Business	13,421,202.88
70	5081	2000	Residence	26,392,479.54
71	5081	3000	Public	138,805.89
72	5081	9000	Other End User	1,877,348.13
73			Total Main Account 5081	41,829,836.44
74				
75	Switched Access Revenue			
76	5082	1100	Limited Pay Telephone	0.00
77	5082	2100	Carrier Common Line	17,157,476.48
78	5082	3100	Line Termination	0.00
79	5082	4110	Local Switching One	353,107.13
80	5082	4210	Local Switching Two	16,398,061.21
81	5082	5100	Intercept	0.00
82	5082	6110	Information Gross Revenue	1,887,557.65
83	5082	6210	Information Surcharge	1,490,895.38
84	5082	7110	Local Transport Common Transport	5,944,246.17
85	5082	7210	Local Transport Dedicated Transport	10,056,542.06
86	5082	8100	Net Settlements NECA	(2,009,287.00)
87	5082	8910	Net Settlements Independent Telephone Companies InterLATA	394,554.69
88	5082	8920	Net Settlements Independent Telephone Companies IntraLATA	(10,894.32)
89	5082	9100	Other Switched Access Equal Access Recovery	(21,396.39)
90	5082	9910	Other Switched Access Other - InterLATA	86,393.30
91	5082	9911	Other Switched Access Other - IntraLATA	0.00
92	5082	9920	Other Switched Access Unclassified	0.00
93			Total Main Account 5082	51,727,256.36
94				
95	Special Access Revenue			
96	5083	1100	Recurring InterLATA	16,419,410.60
97	5083	1200	Recurring IntraLATA	2,432,503.30
98	5083	2100	Surcharge InterLATA	107,710.38
99	5083	2200	Surcharge IntraLATA	22,212.91
100	5083	3100	Non-Recurring InterLATA	64,587.66
101	5083	3200	Non-Recurring IntraLATA	13,083.78
102	5083	8910	Net Settlements Independent Telephone Companies InterLATA	(283,891.04)
103	5083	8920	Net Settlements Independent Telephone Companies IntraLATA	(46,143.24)
104	5083	9000	Other	0.00
105			Total Main Account 5083	18,729,474.33
106				
107	State Access Revenue			
108	5084	2110	Switched Access Limited Pay Telephone	0.00
109	5084	2210	Switched Access Carrier Common Line	10,508,776.48
110	5084	2310	Switched Access Line Termination	0.00
111	5084	2411	Switched Access Local Switching One	92,282.05
112	5084	2421	Switched Access Local Switching Two	5,338,260.51
113	5084	2510	Switched Access Intercept	0.00
114	5084	2611	Switched Access Information Gross Revenues	2,108,081.46
115	5084	2621	Switched Access Information Surcharge	471,501.32
116	5084	2711	Switched Access Local Transport Common Transport	2,046,280.58
117	5084	2721	Switched Access Local Transport Dedicated Transport	3,371,271.13
118	5084	2811	Switched Access Net Settlements Independent Telephone Co. InterLATA	223,823.45
119	5084	2812	Switched Access Net Settlements Independent Telephone Co. IntraLATA	129,674.43
120	5084	2890	Switched Access Net Settlements Other	0.00
121	5084	2910	Switched Access Other Switched Access Equal Access Recovery	13,728.19
122	5084	2991	Switched Access Other Switched Access Other	90,211.90
123	5084	3110	Special Access Revenue Recurring	5,869,973.74
124	5084	3210	Special Access Revenue Surcharge	9,523.74
125	5084	3310	Special Access Revenue Non-Recurring	28,491.77
126	5084	3800	Special Access Revenue Net Settlements - InterLATA	0.00
127	5084	3900	Special Access Revenue Other Special Access	0.00
128			Total Main Account 5084	30,300,658.75
129	TOTAL NETWORK ACCESS REVENUE			142,567,225.88
130				
131	LONG DISTANCE REVENUE			
132	Long Distance Message Revenue			

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133	5100	1100	Interstate Messages Business	541,258.71
134	5100	1200	Interstate Messages Residence	1,345,085.28
135	5100	1300	Interstate Messages Public-Originated - Sent Paid	17,925.11
136	5100	1400	Interstate Messages Public-Originated - Non-Sent Paid	141,828.84
137	5100	1900	Interstate Messages Other Interstate Message Revenue	118,068.57
138	5100	2100	Intrastate Messages Business	1,495,832.44
139	5100	2200	Intrastate Messages Residence	4,857,459.52
140	5100	2300	Intrastate Messages Public-Originated - Sent Paid	38,005.88
141	5100	2400	Intrastate Messages Public-Originated - Non-Sent Paid	1,205,498.41
142	5100	2900	Intrastate Messages Other Intrastate Messages	178,178.39
143	5100	3100	Interstate Toll Calling Plan Business	0.00
144	5100	3200	Interstate Toll Calling Plan Residence	0.00
145	5100	4100	Intrastate Toll Calling Plan Business	18,769.22
146	5100	4200	Intrastate Toll Calling Plan Residence	116,316.33
147			Total Main Account 5100	10,072,222.68
148				
149			Long Distance Inward Only	
150	5111	1100	Interstate Inward Gross Revenues	0.00
151	5111	2100	Intrastate Inward Gross Revenues	27,502.89
152			Total Main Account 5111	27,502.89
153				
154			Long Distance Outward Only	
155	5112	1100	Interstate Outward Gross Revenues	0.00
156	5112	2100	Intrastate Outward Gross Revenues	8,524.77
157			Total Main Account 5112	8,524.77
158				
159			Sub-Voice Grade Long Distance Private Network Revenue	
160	5121	1000	Interstate	692.40
161	5121	2000	Intrastate	5,142.32
162			Total Main Account 5121	5,834.72
163				
164			Voice Grade Long Distance Private Network Revenue	
165	5122	1000	Interstate	0.00
166	5122	2000	Intrastate	340,528.86
167			Total Main Account 5122	340,528.86
168				
169			Audio Program Grade Long Distance Private Network Revenue	
170	5123	1000	Interstate	0.00
171	5123	2000	Intrastate	0.00
172			Total Main Account 5123	0.00
173				
174			Video Program Grade Long Distance Private Network Revenue	
175	5124	1000	Interstate	122,388.00
176	5124	2000	Intrastate	0.00
177			Total Main Account 5124	122,388.00
178				
179			Digital Transmission Long Distance Private Network Revenue	
180	5125	1000	Interstate	3,236.16
181	5125	2000	Intrastate	550,549.90
182			Total Main Account 5125	553,786.06
183				
184			Long Distance Private Network Switching	
185	5126	1000	Interstate	0.00
186	5126	2000	Intrastate	0.00
187			Total Main Account 5126	0.00
188				
189			Other Long Distance Private Network Switching	
190	5128	1000	Interstate	0.00
191	5128	2000	Intrastate	0.00
192			Total Main Account 5128	0.00
193				
194			Other Long Distance Revenue	
195	5160	1100	Interstate Gross Revenues	0.00
196	5160	2100	Intrastate Gross Revenues	1,428,037.33
197			Total Main Account 5160	1,428,037.33
198				
199			Other Long Distance Revenue Settlements	
200	5169	1000	Interstate	8,721,616.63
201	5169	2000	Intrastate	12,187,130.94
202			Total Main Account 5169	20,908,747.57

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203	TOTAL LONG DISTANCE REVENUE			33,465,570.88
204				
205	OTHER REVENUE			
206	Directory Revenue			
207	5230	1100	White Pages Non-Standard Listing	5,313,749.50
208	5230	3000	Commission - Cincinnati Bell Talking Yellow Pages	0.00
209	5230	5000	Cincinnati Bell Directory, Inc. - Contract Revenues	18,874,811.28
210	5230	9000	Other Directory Revenues	325,123.11
211	Total Main Account 5230			24,513,683.89
212				
213	Rent Revenue			
214	5240	1000	Land and Buildings	22,418.27
215	5240	2000	Outside Plant	538,004.49
216	5240	3000	CO Equipment/Circuits	455,645.62
217	5240	9000	Other	28,483.23
218	Total Main Account 5240			1,042,531.61
219				
220	Special Billing Arrangements Revenue			
221	5261	0000	Special Billing Arrangements Revenue	40,848.47
222				
223	Customer Operations Revenue			
224	5262	0000	Customer Operations Revenue	72,906.73
225				
226	Plant Operations Revenue			
227	5263	0000	Plant Operations Revenue	0.00
228				
229	Other Incidental Regulated Revenue			
230	5264	1000	Overages/Unclaimed Refunds	13,178.99
231	5264	2000	Charges/Credits for Cust. Payments	111,562.54
232	5264	3110	Late Payment Fees Interstate Carrier Access Services	93,735.11
233	5264	3120	Late Payment Fees Interstate End User Telecommunications	14,489.00
234	5264	3130	Late Payment Fees Interstate Other	0.00
235	5264	3210	Late Payment Fees Intrastate Carrier Access Services	15,962.44
236	5264	3220	Late Payment Fees Intrastate End User Telecommunications	24,715.43
237	5264	3230	Late Payment Fees Intrastate Other	0.00
238	5264	4000	Miscellaneous Public Revenue	0.00
239	5264	5100	Care Services Interstate	52,068.34
240	5264	5200	Care Services Intrastate	0.00
241	5264	6100	Toll Message Billing - Miscellaneous Customers Interstate	0.00
242	5264	6200	Toll Message Billing - Miscellaneous Customers Intrastate	0.00
243	5264	9000	Other	1,399,563.94
244	Total Main Account 5264			1,725,275.79
245				
246	Other Revenue Settlements			
247	5269	1000	Interstate	0.00
248	5269	2000	Intrastate	0.00
249	Total Main Account 5269			0.00
250				
251	Carrier Billing and Collection Revenue			
252	5270	1000	Interstate	9,679,039.40
253	5270	2000	Intrastate	4,429,028.26
254	5270	3000	Affiliates	2,750.55
255	Total Main Account 5270			14,110,818.21
256	TOTAL OTHER REVENUE			41,508,064.70

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The following information was developed as part of CBT's Interconnection project.

Ordering & Billing System Changes

This represents the cost of three different but related activities:

- (1) CBIS system software work necessary to support the ordering and billing of local service orders and requested work.

The one-time expense for this item is \$820,000. Of this amount, \$95,000 is strictly associated with providing resale of CBT's services. The remaining \$725,000 is associated with both resale and unbundled elements. Therefore, this remaining amount is allocated to resale based on the expected proportion of business from resale versus unbundled elements.

- (2) The expansion of the number of RAC codes, critical for tracking wholesale product activity.

The one-time expense for this item is \$760,000. Since this change will support both resale and unbundled element services, these additional costs are allocated to resale based on the expected proportion of business from resale versus unbundled elements.

- (3) The installation of security measures to prevent on-line viewing or printing of CLEC information by CBT's retail business office or CBT retail data by a CLEC.

The one-time expense for this item is \$395,000. Since this change will support both resale and unbundled element services, these additional costs are allocated to resale based on the expected proportion of business from resale versus unbundled elements.

Access to Operating Support Systems (OSS)

This represents the cost of one multiprocessor personal computer (PC) or five single processor PCs, a modem, network card, and PC software for processing and faxing information necessary to allow the CLEC the ability to, at a minimum, have an order placed in a manner that allows them to provide equal quality service to their end user customers. The capital cost of this item is \$75,000. The associated one-time programming and software expenses is \$75,000.

Since access to OSS will support both resale and unbundled element services, these additional costs are allocated to resale based on the expected proportion of business from resale versus unbundled elements.

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LMOS Modifications

This represents the cost of CBIS software changes in LMOS necessary to accommodate the maintenance of customer repair records for resale lines and unbundled ports, and for differentiating between CBT retail and CLEC accounts. Unbundled loops will not be handled through LMOS, but through SSAIMS/AEGIS, for which no modifications are required. The one-time system changes cost is \$50,000.

Since this system will support both resale and unbundled ports services, these additional costs are allocated to resale based on the expected proportion of business from resale versus unbundled elements.

Automated Voice Answering System

This represents the cost of software changes to the existing Answering System needed to address CLEC end user customers and / or CLECs calling CBT's Repair office. The one-time system changes cost is \$50,000.

Since this system will support both resale and unbundled port services, these additional costs are allocated to resale based on the expected proportion of business from resale versus unbundled elements.

Minimum Telecommunications Service Standards (MTSS)

This represents the CBIS costs for special reporting needed to ensure parity of service among all retail providers, including CBT retail and CLECs. The one-time system changes cost is \$25,000.

Since this change will support both resale and unbundled element services, these additional costs are allocated to resale based on the expected proportion of business from resale versus unbundled elements.

M&P and Training Development

This represents the cost of contract employees hired to act as subject matter experts for the content piece of the Methods & Procedures (M&Ps) and training development for the near and short term wholesale solutions. The 1997 budget amount for this is \$140,000. Since this work will

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support both resale and unbundled element services, these additional costs are allocated to resale based on the expected proportion of business from resale versus unbundled elements.

Communications Program

This represents the cost for a series of educational tools and activities required to educate and support CBT's employees regarding local competition and its impact. The one-time expense for this item in 1997 is \$40,000. These costs include development of a general interconnection education tape, specific training for CBT employees with customer (CLEC and end user) contact, and training for the rest of the CBT employees and communications on industry developments. Since these changes will support both resale and unbundled element services, these additional costs are allocated to resale based on the expected proportion of business from resale versus unbundled elements.

Directory, Directory Assistance, 911, and Operator Services

This represents the cost of various expenses necessary to comply with requirements for CLEC access to the services of Directory, Directory Assistance, and Operator Services and the information in these databases. Costs related to Directory include one-time systems changes of \$50,000 for Listing Services System (LSS) FID changes, quarterly production of DPG reports with an annual cost of \$20,000, creation of caption set reports with an annual cost of \$900, and one-time system changes of \$50,000 for LSS database partitioning. This totals to \$120,900. One-time system changes related to Directory Assistance are FID changes in the Directory Assistance data base at a cost of \$50,000. Costs related to 911 include one-time security access costs of \$50,000, creation of SecureID cards with an annual cost of \$1,000, and one-time right-to-use costs of \$30,000 for PS/ALI. The 911 related costs total to \$81,000. One-time system changes to the polling system for toll and assist amount to \$40,000.

LEC Center

This includes the cost for the personnel and office equipment needed for the establishment of a business office at which CLECs can place local service resale and unbundled element orders. The calculation assumes that this center will begin operation on 7/1/97 and will require 17 service representatives by 1/1/98. The calculations assume a constant growth in the number of service representatives from 7/1/97 to 1/1/98. Each service representative will be equipped with the standard office equipment, e.g. personal computer and telephone.

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Since this center will support both resale and unbundled element orders, these additional costs are allocated to resale based on the expected proportion of business from resale versus unbundled elements.

Operator Services Branding

This represents the cost and trunking necessary to provide a separate trunk group so that CLEC customers do not receive a CBT branded response to an operator handled call, e.g. Directory Assistance. This cost includes the capital costs to establish a separate trunk group from each CBT end office to CBT's OSPA switch plus the expense associated with developing a separate translation table in each end office switch so as to separate CBT's retail customer traffic from the CLEC's traffic.

Since these changes will support both resale and unbundled element services, these additional costs are allocated to resale based on the expected proportion of business from resale versus unbundled elements.

The above changes simply provide for CLEC traffic to receive a "no branded" response by an operator. It is assumed that if a CLEC requests branding, then a separate charge will be established to provide this service.

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Lisa Weddendorf

08/30/96 03:13 PM

To: Norb Mette/CBT
cc:
Subject: Service Rep furniture costs

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Below is the information you requested regarding Service Rep furniture costs: ~~NOT TO BE RELEASED TO PCL.~~**PROVIDED TO PUCO**

- Capitalized furniture: \$1,900 per position
- Expensed furniture: \$1,000 per position
- Capitalized modular panels: \$3,200 per position. NOTE: This figure is the maximum possible for each position. The number could decrease 20-30% depending on the layout and the number of panels shared between positions.

Lisa Weddendorf
Real Estate Management
397-5340

MODULAR PANELS \$ 3,200

x .75

MODULAR PANELS \$ 2,400.
w/ SHARED
REMOVED

1996 Annual Charge Factor
Furniture & Artwork
Intrastate Ohio

20-Jan-97

Data year: 1995

1 Capital Costs (incl Prop Tax)		18.43
2 Maintenance Expense	Note 1	2.23
3 Total Direct Assigned ACF (including GRT)	(Ln1+2)*1.0499	21.69

Note 1: Total Acct 6122 Expense/Total Acct 2122 Investment

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Page 1
20-Jan-97

1996 Annual Charge Factor
General Purpose Computers
Intrastate Ohio

Data year: 1995

1 Capital Costs (incl Prop Tax)		32.09
2 Maintenance Expense	Note 1	11.65
3 Total Direct Assigned ACF (including GRT)	(Ln 1 + 2)*1.0499	45.92

Note 1: Total Acct 6124 Expense/Total Acct 2124 Investment

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CONFIDENTIAL CINCINNATI BELL TELEPHONE CO. DESTROY BY SHREDDING

END OFFICE

$$\begin{aligned} 2 \text{ TS @ } \$220.06 &= \$440.12 \\ 2 \text{ DS@ } 50.69 &= 101.38 \\ \hline &541.50 \text{ EACH} \end{aligned}$$

X 45 ED

$$\underline{\underline{\$24,367.50}}$$

DSPS TRKS

$$90 \text{ TRKS} = 4 \text{ T1s (96 TRKS)}$$

$$\begin{aligned} 96 \text{ TS @ } 220.06 &= 21,125.76 \\ 96 \text{ DS@ } 50.69 &= 4,866.24 \end{aligned}$$

$$\underline{\underline{\$25,992.00}}$$

SERVICE ANN. SYSTEM (SAS)

$$\begin{aligned} 1 \text{ SAS SHELF} &= 37,598.04 \\ 64 \text{ TS @ } 220.06 &= 14,083.84 \end{aligned}$$

$$\underline{\underline{\$51,681.88}}$$

SPECS: Can play to 30 at same time

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$$\#102,041.38$$

$$(4) = (1) + (2) + (3)$$

COST OF A BSS TIME SLOT

12/10

QTY	NSEP	GN	TOT 3N	@ 72%
1	SMC2DAB	62433	62433	44951.76
2	SMC2DSU	4035	8070	5810.40
4	SMC2M16	11081	44324	31913.28
	CM2 CONNECTION (AVG)		4000	2880.00

118,827 25,555.44

CAS FR 7.5% 1.72 6,416.66

ENGR 3.8% 4,515.43

INST 5.0% 5,941.35

LUCENT EFFICI \$ 102,422.22

TELCO CHG (10%) 10,242.39

\$ 112,671.77

512 TS per SM

$$112,671.77 / 512 = \underline{\underline{\$ 220.06 \text{ PER}}}$$

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COST OF A DSP IN A JESS

	<u>BN</u>	<u>TOT BN</u>	<u>@ 72.5%</u>
1 DLTU2	2762	2762	1988.64
10 TIDE12	2290	22900	16488.00

25662 18,476.64

CASER 7.5% X.72 1,385.75

ENL2 3.2% 975.16

INST 5.0% 1223.10

LUCENT EFFT \$ 22,120.65
TELCO CHG (10%) 2212.07
\$ 24,332.72

480 DSPs per DLTU2

$$\frac{24,332.76}{480} = \underline{\underline{\$ 50.69 \text{ PER}}}$$

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SAS

Page 2

of the 96 TRKS assume only 1/3 number
need the announcement at any given time

	<u>BN</u>	<u>BN TOT</u>	<u>@ 72 5/8 %</u>
1 DSU2 SHF	2252	2252	1621.44
2 SASBASE	15500	31000	22320.00
2 SAS OSPS	3200	6400	4608.00

39652 28,549.4

CAEFR 7.5 5/8 % 2141.2

ENGR 3.8 5/8 % 1506.78

INST 5.0 5/8 % 1982.60

LUCENT EFET \$34,180.00

TELCO CHG (10%) 3,418.00

\$37,598.00

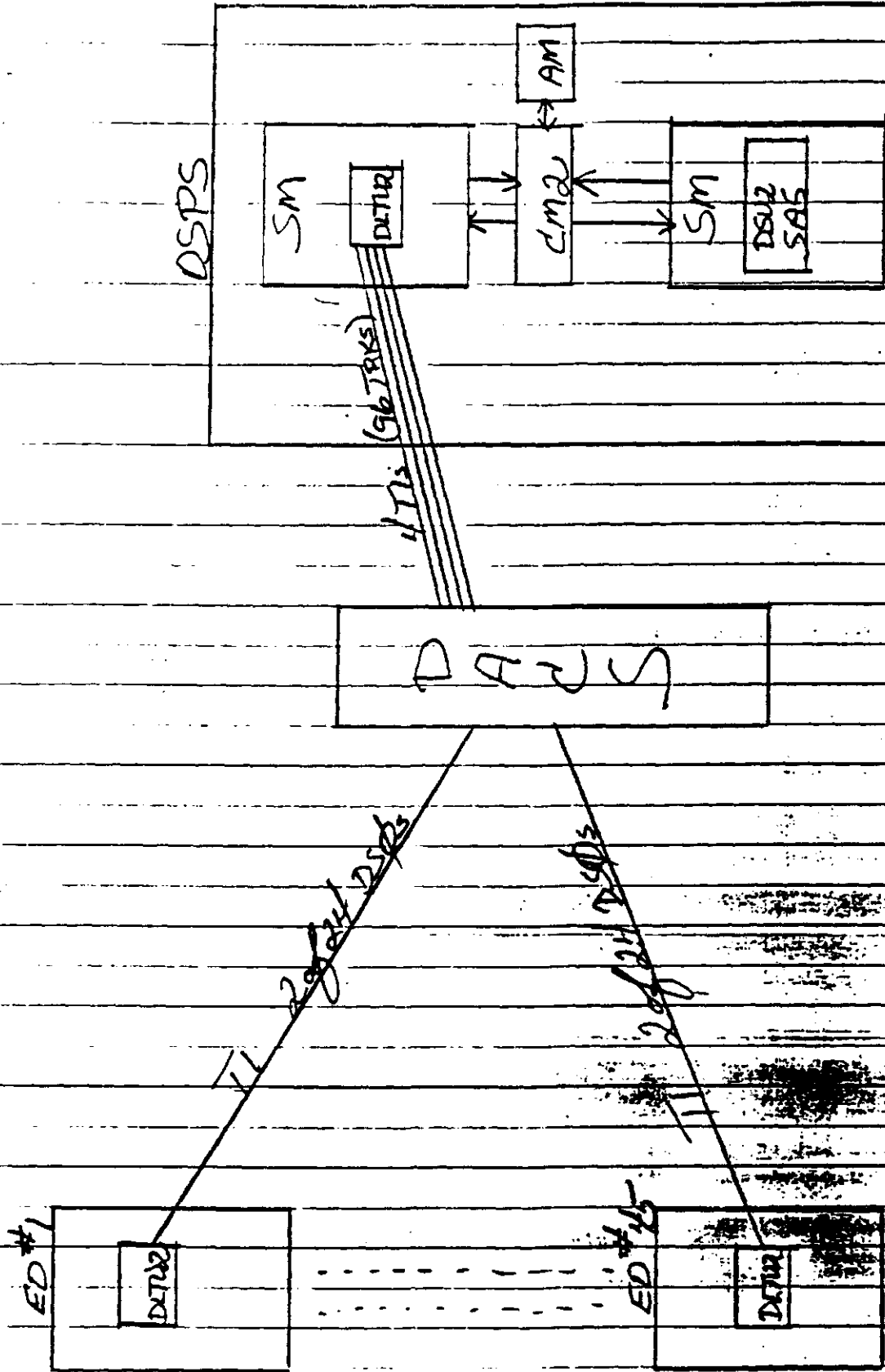
DSU2 will use
64 TSC @ 220.06 = \$14,083.84

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INC 1-5 SE Hk 14 DMS-10



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NGAT SUMMARY

all=actual; log=factual

TERMINATION EQUIPMENT UNIT INVESTMENT PER TERMINATION (Per DSX)

	357C ELCTR	10JC BLDG	20JC LAND	
1) POI SPOI POT	0.0000	0.0000	0.0000	1
2) DFI DFI, DI2, FD1 DBH, DBQ DCT2, DIU DT, NDTI	0.0000	0.0000	0.0000	2
3) DX4 DX5, D3A D4A1, D4A2 D4A3, D4B3 2 DSX-1 1.5 DSX-3 1 DACS 3/1 TOTAL	5.0495 1.9339 32.5807 39.5641	0.6645 0.2545 4.2876 5.2066	0.0283 0.0108 0.1825 0.2216	3 4 5 6
4) DAC2 DAC1 1 DACS 1/0 2 DSX-1 TOTAL	112.7392 5.0495 117.7887	14.8365 0.6645 15.5010	0.6313 0.0283 0.6596	7 8 9
5) FTG RD5, RDS & 3 1 417 MB 1 DSX-3 1 LGX-3 TOTAL	15.3654 1.2893 0.1604 16.8151	2.0221 0.1697 0.0211 2.2129	0.0860 0.0072 0.0009 0.0942	10 11 12 13
6) FJ33 1 FLM 180 1 DSX-3 1 LGX-3 TOTAL	14.5448 1.2893 0.1604 15.9945	1.9141 0.1697 0.0211 2.1049	0.0815 0.0072 0.0009 0.0896	14 15 16 17
7) FTG2 1 1.7 GB 1 DSX-3 1 LGX-3 TOTAL	16.6594 1.2893 0.1604 17.9487	2.1924 0.1697 0.0211 2.3620	0.0933 0.0072 0.0009 0.1005	18 19 20 21
8) M1C M1CA, MW13 MWX4, MY12 MY33, MY34 1 180 MB 1 DSX-3 1 LGX-3 TOTAL	39.1314 1.2893 0.1604 40.5811	5.1497 0.1697 0.0211 5.3405	0.2191 0.0072 0.0009 0.2273	22 23 24 25
9) MY13 DCR1, X13L 1 MUX 3/1 2 DSX-1 1 DSX-3 TOTAL	32.5807 5.0495 1.2893 38.9195	4.2876 0.6645 0.1697 5.1218	0.1825 0.0283 0.0072 0.2179	26 27 28 29

$$2 * 39.56 = 79.12$$

$$4 * 15.99 = 63.96$$

Mileage Between Wire Centers	Alexand.	Avondale	Batavia	Bethel	Burlington	Butler	Cherry Grove	Chesiot	Covedale	Covington	Crescent	Crittenden	Evandale	Millia	Millia	209 W.
Alexandria		14	14	17	19	12	10	19	18	11	25	18	20	19	25	13
Avondale	14		18	26	14	26	11	7	8	5	13	27	9	25	35	3
Batavia	14	18		10	30	23	8	25	25	18	23	32	18	7	37	19
Bethel	17	26	10		35	20	16	32	32	25	32	32	27	7	35	26
Burlington	19	14	30	35		26	22	10	8	12	24	20	22	36	29	22
Butler	12	26	23	20	26		21	29	27	22	37	14	32	25	15	24
Cherry Grove	10	11	8	16	22	21		17	17	10	18	28	12	15	34	11
Chesiot	19	7	25	32	10	29	17		3	9	14	28	12	32	36	7
Covedale	18	8	25	32	8	27	17	3		8	17	29	14	31	34	6
Covington	11	5	18	25	12	22	10	9	8		17	23	13	25	31	2
Crescentville	25	13	23	32	24	37	18	14	17	17		39	6	29	47	16
Crittenden	18	27	32	32	20	14	28	28	25	23	39		35	36	10	26
Evandale	20	9	18	27	22	32	12	12	14	13	6	35		24	43	11
Fairfield	28	14	28	37	23	40	22	13	16	18	6	40	18	34	49	17
Falmouth	20	34	29	24	33	8	29	37	35	30	45	16	48	30	13	31
Florence	14	12	25	30	6	21	18	11	9	9	24	17	28	31	26	18
Pt. Thomas	9	6	15	21	15	20	7	12	11	4	18	23	13	21	30	5
Glencoe	29	35	43	44	24	25	38	33	30	31	46	13	43	48	15	32
Glendale	22	10	21	30	22	34	15	12	14	14	4	36	3	27	44	12
Goshen	21	17	10	19	31	31	11	23	24	19	16	38	13	14	44	19
Grossbeck	23	9	25	34	16	34	18	6	9	12	9	33	9	32	42	11
Hamilton	32	19	31	40	27	44	25	17	20	23	8	44	13	36	53	21
Hamlet	11	18	5	8	28	18	9	25	24	17	24	28	20	9	32	18
Harrison	32	20	37	45	17	41	30	13	15	21	20	36	21	44	45	20
Hartwell	18	6	19	27	19	30	12	9	11	10	8	32	4	25	40	8
Hyde Park	13	4	14	23	18	25	7	11	11	6	13	28	8	21	35	6
Independence	9	15	22	26	12	15	16	16	14	10	27	13	22	28	21	12
Lakeside Park	11	9	22	27	9	28	14	18	7	5	21	19	17	28	28	6
Loveland	22	16	14	23	30	34	13	21	22	19	12	39	10	19	46	18
Madisonville	14	7	13	22	20	26	6	13	14	9	12	38	7	19	37	9
Miami	26	14	31	39	12	35	24	7	9	15	17	31	17	38	40	14
Milford	16	12	10	19	25	27	6	18	19	14	14	33	9	16	40	13
Montgomery	22	13	16	25	26	33	13	17	19	16	8	38	6	21	45	19
Mt. Healthy	21	7	23	32	16	32	16	7	9	11	8	33	7	30	41	9
Mt. Washington	9	7	12	19	19	21	4	14	14	7	17	26	11	18	33	8
New Richmond	6	18	11	11	25	13	10	24	22	16	28	22	22	14	27	17
Newtownville	23	23	9	16	36	32	15	29	30	24	23	41	19	9	46	24
N. Green Hills	24	10	24	33	19	35	18	9	12	14	6	36	7	31	44	12
Northside	17	3	21	29	13	28	13	5	6	7	12	38	9	28	37	5
Norwood	15	3	16	25	17	27	9	10	10	7	11	29	6	23	37	6
Piner	13	22	26	27	18	18	22	23	21	18	34	6	29	30	14	19
Price Hill	15	5	22	29	10	25	14	5	3	5	16	24	12	29	33	4
Rolly	39	25	40	49	28	50	34	21	23	28	18	47	23	46	56	27
Rosemyne	18	8	15	24	22	30	10	14	15	12	9	34	3	21	41	11
St. Bernard	16	3	19	27	16	28	11	7	8	7	11	29	7	25	37	5
Saylor Park	20	11	28	35	6	29	20	5	4	11	19	25	17	35	34	18
Seven Mile	37	24	35	44	32	49	30	23	26	28	13	50	18	40	58	26
Shandon	31	18	34	43	20	42	27	13	15	21	14	48	17	41	48	19
Tobacco	10	14	5	12	25	20	4	21	20	14	21	28	16	12	33	15
Union	16	27	29	32	7	21	22	15	13	14	29	14	25	35	23	14
Walton	14	20	28	30	14	15	22	21	18	16	32	8	28	33	16	17
Warsaw	31	33	44	46	21	29	38	30	28	30	44	16	41	50	21	31
West Chester	27	16	23	32	28	39	19	18	21	20	5	42	8	28	50	19
Westwood	18	6	24	31	11	28	16	2	3	7	14	27	12	30	36	6
Williamsbury	19	25	7	7	36	25	15	32	31	25	29	36	24		40	25
Williamstown	25	35	37	35	29	15	34	36	34	31	47	10	43	40		32
209 W. 7th	13	3	19	26	12	24	11	7	6	7	16	24	11	23	32	

AVERAGE AIR MILE
DISTANCE TO WEST 7th
IS 15 MILES
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SUMMARY OF COMPLETED USO ACTIVITY FOR JAN , 1996

SEGMENT	ORDER TYPE	NUMBER OF ORDERS	PERCENTAGE WITHIN SEGMENT	COMPANY
N		7,183	11.9	9.6
T		4,387	7.3	5.8
F		4,586	7.6	6.1
C		23,244	41.8	33.6
D		6,090	10.1	8.1
R		12,841	21.3	17.1
X		0	0.0	0.0
P		1	0.0	0.0
A		0	0.0	0.0
S		0	0.0	0.0
TOTAL		60,332	100.0	80.3

[illegible]

	N	T	F	C	D	R	X	P	A	S	TOTAL
	8,660	4,658	4,874	51,700	7,322	18,108	0	1	0	0	75,123
	11.3	6.2	6.5	42.2	9.7	24.1	0.0	0.0	0.0	0.0	100.0

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END OF REPORT

電 氣 通 信

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The following images were scanned as received

SUMMARY OF COMPLETED USO ACTIVITY

SEGMENT ORDER NUMBER OF COMPLETED ORDERS PERCENTAGE WITHIN COMPANY

RESIDENCE

N	7,354	13.2	10.5
T	4,509	8.1	6.5
F	4,374	7.9	6.3
C	3,963	7.2	5.8
D	3,890	7.1	5.7
R	11,593	20.8	16.6
X	0	0.0	0.0
A	0	0.0	0.0
S	0	0.0	0.0
TOTAL	44,683	100.0	79.8

BUSINESS

N	1,107	7.8	1.6
E	292	2.1	0.9
D	1,023	7.2	1.5
X	0	0.0	0.0
A	0	0.0	0.0
TOTAL	2,422	100.0	20.2

TOTAL 47,105 100.0 20.2

N	8,461	12.1	12.1
T	4,802	6.9	6.9
C	4,664	6.7	6.7
D	6,913	9.9	9.9
R	16,898	24.2	24.2
X	0	0.0	0.0
A	0	0.0	0.0
S	0	0.0	0.0
TOTAL	40,738	100.0	100.0

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SUMMARY OF COMPLETED USO ACTIVITY
FOR MAR, 1996

SEGMENT	ORDER TYPE	NUMBER OF ORDERS	PERCENTAGE SEGMENT	PERCENTAGE WITHIN COMPANY
RESIDENCE	N	7,764	13.1	9.8
	T	4,917	8.3	6.2
	F	4,684	7.9	5.9
	C	23,539	39.8	29.6
	D	5,564	9.4	7.0
	R	12,632	21.4	15.9
	X	0	0.0	0.0
	P	0	0.0	0.0
	A	0	0.0	0.0
	S	0	0.0	0.0
	TOTAL	59,101	100.0	74.4
BUSINESS	N	1,439	7.1	1.4
	T	281	1.4	0.3
	F	263	1.3	0.3
	C	6,972	34.2	0.3
	D	1,174	5.8	1.5
	R	10,255	50.3	12.9
	X	0	0.0	0.0
	P	0	0.0	0.0
	A	0	0.0	0.0
	S	0	0.0	0.0
	TOTAL	20,384	100.0	25.6
COMPANY	N	9,203	11.6	11.6
	T	5,198	6.5	6.5
	F	4,947	6.2	6.2
	C	30,311	38.5	38.5
	D	6,738	8.5	8.5
	R	22,887	28.8	28.8
	X	0	0.0	0.0
	P	0	0.0	0.0
	A	0	0.0	0.0
	S	0	0.0	0.0
	TOTAL	79,485	100.0	100.0

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PA34.. 40-0126

05/01/97 2643

SUMMARY OF COMPLETED USO ACTIVITY
FOR APR , 1996

SEGMENT	ORDER TYPE	NUMBER OF ORDERS	PERCENTAGE WITHIN SEGMENT	PERCENTAGE WITHIN COMPANY
RESIDENCE	N	8,253	12.6	10.3
	T	6,485	9.9	8.1
	E	6,845	10.5	8.5
	C	22,264	34.0	27.7
	D	6,556	10.0	8.2
	R	15,042	23.0	18.7
	X	0	0.0	0.0
	P	0	0.0	0.0
	A	0	0.0	0.0
	S	0	0.0	0.0
TOTAL		65,445	100.0	81.6
BUSINESS	N	1,347	9.1	1.7
	T	345	2.3	0.4
	E	348	2.4	0.4
	C	6,967	47.1	8.7
	D	1,094	7.4	1.4
	R	4,692	31.7	5.8
	X	0	0.0	0.0
	P	0	0.0	0.0
	A	0	0.0	0.0
	S	0	0.0	0.0
TOTAL		14,793	100.0	18.4
COMPANY	N	9,600	12.0	12.0
	T	6,850	8.5	8.5
	E	7,193	9.0	9.0
	C	29,231	36.4	36.4
	D	7,650	9.5	9.5
	R	19,734	24.6	24.6
	X	0	0.0	0.0
	P	0	0.0	0.0
	A	0	0.0	0.0
	S	0	0.0	0.0
TOTAL		80,238	100.0	100.0

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SUMMARY OF COMPLETED USO ACTIVITY
FOR JUNE, 1996

SEGMENT	ORDER TYPE	NUMBER OF ORDERS	PERCENTAGE SEGMENT	PERCENTAGE WITHIN COMPANY
SPECIAL	N	59	6.2	0.1
	T	6	0.6	0.0
	F	3	0.3	0.0
	C	644	67.4	0.6
	D	76	7.9	0.1
	R	168	17.6	0.2
	X	0	0.0	0.0
	P	0	0.0	0.0
	A	0	0.0	0.0
	S	0	0.0	0.0
TOTAL		956	100.0	0.9
RESIDENCE	N	7,707	8.1	7.0
	T	6,092	6.4	5.3
	F	5,879	6.2	5.3
	C	47,662	50.3	43.0
	D	7,113	7.5	6.4
	R	20,206	21.3	18.2
	X	0	0.0	0.0
	P	2	0.0	0.0
	A	0	0.0	0.0
	S	0	0.0	0.0
TOTAL		94,681	100.0	85.5
BUSINESS	N	1,166	7.7	1.1
	T	329	2.2	0.3
	F	314	2.1	0.3
	C	8,382	53.3	7.6
	D	3,984	26.3	0.9
	R	0	0.0	0.0
	X	0	0.0	0.0
	P	0	0.0	0.0
	A	0	0.0	0.0
	S	0	0.0	0.0
TOTAL		15,127	100.0	13.7
COMPANY CONFIDENTIAL	N	8,873	8.0	8.0
	T	6,421	5.8	5.8
	F	5,193	4.6	5.6
	C	51,059	50.4	59.8
	R	28,146	27.8	21.8
GENERAL PROVIDED TO PUCO	X	0	0.0	0.0
	P	200	0.0	0.0
	A	0	0.0	0.0
	S	0	0.0	0.0
	TOTAL	94,681	100.0	85.5

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PRIOR TO RELEASE TO PUBLIC

PROVIDED TO PUCO

SUMMARY OF COMPLETED USO ACTIVITY
FOR AUG , 1996

SEGMENT	ORDER TYPE	NUMBER OF ORDERS	PERCENTAGE WITHIN SEGMENT	PERCENTAGE WITHIN COMPANY
SPECIAL	N	72	5.1	0.1
	Y	8	0.6	0.0
	F	9	0.6	0.0
	E	905	64.1	0.8
	C	53	3.8	0.0
	D	366	25.8	0.3
	R	0	0.0	0.0
	X	0	0.0	0.0
	P	0	0.0	0.0
	A	0	0.0	0.0
TOTAL	1,411	100.0	1.3	
RESIDENCE	N	9,007	9.7	8.2
	Y	6,523	7.1	5.9
	F	6,110	6.6	5.5
	E	42,119	46.1	38.7
	C	7,368	8.0	6.7
	D	20,795	22.5	18.9
	R	0	0.0	0.0
	X	0	0.0	0.0
	P	0	0.0	0.0
	A	0	0.0	0.0
TOTAL	92,442	100.0	83.8	
BUSINESS	N	1,186	7.2	1.1
	Y	315	1.9	0.3
	F	288	1.8	0.3
	E	8,242	50.2	7.5
	C	1,073	6.5	1.0
	D	5,322	32.4	6.8
	R	0	0.0	0.0
	X	0	0.0	0.0
	P	0	0.0	0.0
	A	0	0.0	0.0
TOTAL	16,424	100.0	14.9	
BUSINESS	N	10,193	9.2	9.2
	Y	6,836	6.2	6.2
	F	6,398	5.8	5.8
	E	50,391	46.1	46.1
	C	8,311	7.7	7.7
	D	26,117	23.7	23.7
	R	0	0.0	0.0
	X	0	0.0	0.0
	P	0	0.0	0.0
	A	0	0.0	0.0
TOTAL	110,277	100.0	100.0	

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SUMMARY OF COMPLETED USO ACTIVITY
FOR SEP, 1996

SEGMENT	ORDER TYPE	NUMBER OF ORDERS	PERCENTAGE SEGMENT	PERCENTAGE WITHIN COMPANY
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SPECIAL

N	95	7.8	0.1
T	12	1.0	0.0
F	11	0.9	0.0
C	857	71.9	0.8
D	59	4.9	0.1
R	160	13.4	0.1
X	0	0.0	0.0
P	0	0.0	0.0
A	0	0.0	0.0
S	0	0.0	0.0
TOTAL	1,192	100.0	1.1

RESIDENCE

N	9,387	10.1	8.6
T	7,146	7.7	6.5
F	7,727	8.3	7.1
C	38,793	41.9	35.4
D	8,811	9.5	8.0
R	29,829	22.5	19.0
X	0	0.0	0.0
P	2	0.0	0.0
A	0	0.0	0.0
S	0	0.0	0.0
TOTAL	92,695	100.0	84.7

BUSINESS

N	1,272	8.2	1.2
T	368	2.4	0.3
F	359	2.3	0.3
C	7,496	48.1	6.8
D	1,248	8.0	1.1
R	4,834	31.0	4.4
X	0	0.0	0.0
P	0	0.0	0.0
A	0	0.0	0.0
S	0	0.0	0.0
TOTAL	15,577	100.0	14.2

COMPANY

N T F C D R X P A S

10,639
7,514
8,086
48,289
18,883

9.7
6.9
7.4
43.3
23.4

9.7
6.9
7.4
43.3
23.4

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X P A S

0
2
0
1

0.0
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Cincinnati Bell Telephone Company
Case No. 93-432-TP-ALT
Plant in Service by Accounts and Subaccounts
As of December 31, 1985
(Dollars in Thousands)

Date: X Actual Estimated
Type of Filing: Amended
Work Paper Reference No(s):

Schedule B-2.1
Page 1 of 5

Line No.	Acct. No.	Account Title	Total Company Regulated	Allocation Factor	Allocated Total	Adjustments	Adjusted Jurisdiction
1.		General Support Assets					
2.	2111.0000	Land	\$4,301	0.5849	\$2,430		\$2,430
3.	2112.0000	Motor Vehicle	18,308	0.5849	\$9,211		9,211
4.	2115.0000	Garage Work Equipment	827	0.5849	467		467
5.	2115.1000	Embedded Investment in Items of Small Value	8	0.5849	5		5
6.	2116.3000-						
7.	2116.6000	Other Work Equipment	8,850	0.5849	4,886		4,886
8.	2116.7000	Embedded Investment in Items of Small Value	86	0.5849	49		49
9.	2121.0000	Buildings	126,428	0.5849	71,418	385	71,803
10.	2122.1000	Furniture	12,147	0.5849	6,861	45	6,906
11.	2122.3000	Embedded Investment in Items of Small Value	472	0.5849	267		267
12.	2122.2000	Artworks	828	0.5849	355		355
13.	2123.1000	Office Support Equipment	4,058	0.5849	2,292		2,292
14.	2123.1100	Embedded Investment in Items of Small Value	60	0.5849	34		34
15.	2123.2100-						
16.	2123.2260	Company Communications Equip.	11,182	0.5849	6,305		6,305
17.	2123.2270	Embedded Investment in Items of Small Value	360	0.5849	215		215
18.	2124.0000	General Purpose Computers	37,554	0.5849	21,214	192	21,406
19.		Total General Support Assets	\$223,089	0.5849	\$126,009	\$622	\$126,631

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Date: X Actual Estimated
 Type of Filing: Amended
 Work Paper Reference No(s):

Cincinnati Bell Telephone Company
 Case No. 83-432-TP-ALT
 Plant in Service by Accounts and Subaccounts
 As of December 31, 1985
 (Dollars in Thousands)

Schedule B-2.1
 Page 2 of 5

No.	Acct. No.	Account Title	Total Company Regulated	Allocation Factor	Allocated Total	Adjustments	Adjusted Jurisdiction
1.		Central Office Assets					
2.	2211.000	Analog Electronic Switching	\$30,470	0.6803	\$20,727	\$409	\$21,136
3.	2211.100	Embedded Investment in Items of Small Value	5	0.6803	4		4
4.	2212.000	Digital Electronic Switching	287,660	0.6803	195,663	3,424	199,107
5.	2212.100	Embedded Investment in Items of Small Value	3	0.6803	2		2
6.	2215.200	Electro-Mechanical Switching-Crossbar Switching	0	0.6803	0		0
7.	2215.210	Embedded Investment in Items of Small Value	3	0.6803	2		2
8.	2220.000	Operator Systems Digital	4,398	0.7104	3,124	101	3,225
9.	2220.010	Operator Systems Analog	0	0.7104	0		0
10.	2220.100	Embedded Investment in Items of Small Value	0	0.7104	0		0
11.	2231.2100-	Radio Systems	535	0.5520	295		295
12.	2231.220	Embedded Investment in Items of Small Value	1	0.5520	1		1
13.	2232.1100-	Circuit Equipment-Digital	227,204	0.5520	125,457	947	126,403
14.	2232.190	Embedded Investment in Items of Small Value	20	0.5520	11		11
15.	2232.290	Circuit Equipment-Analog	17,039	0.5520	9,405	693	10,098
16.	2232.299	Embedded Investment in Items of Small Value	4	0.5520	2		2
17.		Total Central Office Assets	\$567,432	0.6251	\$354,713	\$5,573	\$360,287

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Chinmali Bell Telephone Company
Case No. 93-432-TP-ALT
Plant in Service by Accounts and Subaccounts
As of December 31, 1995
(Dollars in Thousands)

Schedule B-2.1
Page 3 of 5

Data: X Actual ___ Estimated
 Type of Filing: Amended
 Work Paper Reference No(s):

Line No.	Acct. No.	Account Title	Total Company Regulated	Allocation Factor	Allocated Total	Adjustments	Adjusted Jurisdiction
1.		Information Orig./Term. Assets					
2.	2351.0000	Public Telephone Term. Equip.	\$7,269	0.6096	\$4,431		\$4,431
3.	2362.0000	Other Terminal Equipment	5,079	0.6096	3,097		3,097

4.	Total Information Orig./Term. Assets		\$12,348	0.6096	\$7,528	\$0	\$7,528
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Cincinnati Bell Telephone Company
Case No. 93-432-TP-ALT
Plant in Service by Accounts and Subaccounts
As of December 31, 1985
(Dollars in Thousands)

Date: X Actual Estimated
Type of Filing: Amended
Work Paper Reference No(s):

Schedule B-2.1
Page 4 of 5

Line No.	Acct. No.	Account Title	Total Company Regulated	Allocation Factor	Allocated Total	Adjustments	Adjusted Jurisdiction
1.		Cable & Wire Facilities Assets					
2.	2411.0000	Poles	\$45,807	0.6022	\$27,486	\$104	\$27,570
3.	2421.1100	Aerial Cable-Metallic	177,877	0.6022	107,002	286	107,288
4.	2421.1200	Aerial Cable-Non Metallic	12,218	0.6022	7,358	76	7,434
5.	2422.1100	Underground Cable-Metallic	123,471	0.6022	74,358	364	74,722
6.	2422.1200	Underground Cable-Non Metallic	21,769	0.6022	13,110	142	13,252
7.	2423.1100	Buried Cable-Metallic	111,963	0.6022	67,422	75	67,498
8.	2423.1200	Buried Cable-Non Metallic	408	0.6022	246	4	250
9.	2424.1100	Submarine Cable-Metallic	0	0.6022	0		0
10.	2424.1200	Submarine Cable-Non Metallic	0	0.6022	0		0
11.	2426.1000	Intrabuilding Network Cable-Metallic	28,382	0.6022	17,098	33	17,132
12.	2426.2000	Intrabuilding Network Cable-Non Metallic	3,748	0.6022	2,257	3	2,260
13.	2431.0000	Aerial Wire	3,332	0.6022	2,007		2,007
14.	2441.0000	Conduit Systems	76,661	0.6022	46,167	133	46,300
15.		Total Cable & Wire Facilities Assets	\$605,235	0.6022	\$364,481	\$1,219	\$365,710

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Cincinnati Bell Telephone Company
Case No. 93-432-TP-ALT
Plant in Service by Accounts and Subaccounts
As of December 31, 1995
(Dollars in Thousands)

Schedule B-2.1
Page 5 of 5

Data: X Actual Estimated
Type of Filing: Amended
Work Paper Reference No(s):

Line No.	Acc. No.	Account Title	Total		Allocation Factor	Allocated Total	Adjustments	Adjusted Jurisdiction
			Company Requested	Regulated				
1.		Amortizable Assets						
2.	2681.0000	Capital Leases	\$37,387	✓	0.5709	\$21,344	(\$5,728)	\$15,616
3.	2682.0000	Leasehold Improvements	17,808	✓	0.5709	10,052	(94)	9,958
4.	2690.0000	Intangibles	0	0	0.5039	0		0
Total Amortizable Assets			\$54,995		0.5709	\$31,396	(\$5,822)	\$25,574

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1995 Restructuring Expense

Account	Total Company (A)	% Regulated (B)	Total Regulated (C)=(A) * (B)	Jurisdictional Factor (D)	Ohio Jurisdictional (E) = (C) * (D)	PUCO 3 Yr. Amort. Amt. (F)	Ohio Juris. Adjustment (G)=(F)-(E)
6121	\$924,256	91.67%	\$847,265	0.5628	\$478,832		
2. 6563	131,410	83.20%	\$109,333	0.6060	\$68,254		
3. 6728#	60,480,779	88.59%	\$53,579,922	0.6284	\$33,669,236		
4. Total	\$61,536,445	88.62%	\$54,536,521	0.6273	\$34,212,325	\$21,926,954	(\$12,285,371)

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Includes \$5,543,000 settlement gain.

NON-RECURRING COSTS

MCI Depo.
EX. NO. 30
CDR 11-26-97

SUMMARY OF NON-RECURRING COSTS

Service		Installation Cost Per Line	Removal Cost Per Line	Total Cost Per Line
1	Establish Residence Exchange Access Line	\$32.65	\$3.96	\$36.61
2	Establish Single Line Non-Hunt Exchange Access Line	\$90.93	\$3.96	\$94.89
3	Establish Multiline Non-Hunt Exchange Access Line	\$53.82	\$7.56	\$61.38
4	Establish Multiline Hunt Exchange Access Line	\$62.47	\$10.78	\$73.25
5	Establish PBX Trunk Exchange Access Line	\$121.46	\$32.17	\$153.63
6	Establish Analog Centrex Exchange Access Line	\$78.46	\$20.11	\$98.57
7	Establish ISDN Centrex Exchange Access Line	\$146.76	\$59.36	\$206.13
8	Establish ISDN Single Exchange Access Line	\$255.13	\$46.17	\$301.30
9	Establish COCOTS Exchange Access Line	\$108.33	\$53.41	\$161.74
10	Establish Coinless Exchange Access Line	\$108.33	\$53.41	\$161.74
11	Establish Semi-Public Exchange Access Line	\$147.40	\$56.76	\$204.16
12	Change Type or Grade of Non-Residence Exchange Access Line	\$5.52	\$0.00	\$5.52
13	Change Type or Grade of Residence Exchange Access Line	\$3.92	\$0.00	\$3.92
14	Change Billing Arrangements Associated with 1FB Exchange Access Lines	\$5.98	\$0.00	\$5.98
15	Change Billing Arrangements Associated with 1FH, 1FH, PBX, and Centrex Exchange Access Lines	\$10.04	\$0.00	\$10.04
16	Change Billing Arrangements Associated with Residence Exchange Access Lines	\$8.96	\$0.00	\$8.96
17	Install Touch Tone	\$2.39	\$2.39	\$4.78
18	Install Custom Calling Feature	\$1.79	\$1.79	\$3.59
19	Install Custom Calling Plus Feature	\$3.59	\$3.59	\$7.17
20	Install Toll Blocking	\$3.59	\$3.59	\$7.17
21	Install 900 blocking	\$2.39	\$2.39	\$4.78
22	Change Line Number	\$2.39	\$0.00	\$2.39
23	Change Class of Service	\$5.38	\$0.00	\$5.38

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SUMMARY OF NON-RECURRING COSTS

Service		Installation Cost Per Line	Removal Cost Per Line	Total Cost Per Line
1	Establish Residence Exchange Access Line	\$32.65	\$3.96	\$36.61
2	Establish Single Line Non-Hunt Exchange Access Line	\$90.93	\$3.96	\$94.89
3	Establish Multiline Non-Hunt Exchange Access Line	\$53.82	\$7.56	\$61.38
4	Establish Multiline Hunt Exchange Access Line	\$62.47	\$10.78	\$73.25
5	Establish PBX Trunk Exchange Access Line	\$121.46	\$32.17	\$153.63
6	Establish Analog Centrex Exchange Access Line	\$78.46	\$20.11	\$98.57
7	Establish ISDN Centrex Exchange Access Line	\$146.76	\$59.36	\$206.13
8	Establish ISDN Single Exchange Access Line	\$255.13	\$46.17	\$301.30
9	Establish COCOTS Exchange Access Line	\$108.33	\$53.41	\$161.74
10	Establish Coinless Exchange Access Line	\$108.33	\$53.41	\$161.74
11	Establish Semi-Public Exchange Access Line	\$147.40	\$56.76	\$204.16
12	Change Type or Grade of Non-Residence Exchange Access Line	\$5.52	\$0.00	\$5.52
13	Change Type or Grade of Residence Exchange Access Line	\$3.92	\$0.00	\$3.92
14	Change Billing Arrangements Associated with 1FB Exchange Access Lines	\$5.98	\$0.00	\$5.98
15	Change Billing Arrangements Associated with 1FH, 1FH, PBX, and Centrex Exchange Access Lines	\$10.04	\$0.00	\$10.04
16	Change Billing Arrangements Associated with Residence Exchange Access Lines	\$8.96	\$0.00	\$8.96
17	Install Touch Tone	\$2.39	\$2.39	\$4.78
18	Install Custom Calling Feature	\$1.79	\$1.79	\$3.59
19	Install Custom Calling Plus Feature	\$3.59	\$3.59	\$7.17
20	Install Toll Blocking	\$3.59	\$3.59	\$7.17
21	Install 900 blocking	\$2.39	\$2.39	\$4.78
22	Change Line Number	\$2.99	\$0.00	\$2.99
23	Change Class of Service	\$5.38	\$0.00	\$5.38

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SOURCES

LINE

1	Tab D, Page 1, Line 1
2	Tab D, Page 1, Line 2
3	Tab B, Sheet B1
4	Tab B, Sheet B2
5	Tab B, Sheet B3
6	Tab B, Sheet B4
7	Tab B, Sheet B5
8	Tab B, Sheet B6
9	Tab B, Sheet B7
10	Tab B, Sheet B8
11	Tab B, Sheet B9
12	Tab B, Sheet B10
13	Tab B, Sheet B11
14	Tab B, Sheet B12
15	Tab B, Sheet B13
16	Tab B, Sheet B14
17	Tab D, Page 1, Line 3
18	Tab D, Page 1, Line 4
19	Tab D, Page 1, Line 5
20	Tab D, Page 1, Line 6
21	Tab D, Page 1, Line 7
22	Tab D, Page 1, Line 8

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CONFIDENTIAL C14A, L.N.
1.00 \$1.00 \$0.00
NOTICE \$0.00 \$0.00
PRIOR TO MUST BE GIVEN
\$0.00 \$0.00
EASE \$0.00
Total: \$53.82 \$7.56
PROVIDED TO PUCO

Area	Job Level	Hourly Rate	Per Minute Rate	% Order Handled	Weighted Installation Minutes	Weighted Removal Minutes	Installation Cost	Removal Cost	Weighted Minutes Source
A	B	C	D=C/60	E	F	G	H=D*F*E	I=D*G*E	J
CUS SALES - RSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
CUS SALES - BSC	251	\$35.86	\$0.60	100%	11.70	5.00	\$6.99	\$2.99	C2, L1
BUS SALES (COIN)	241	\$38.71	\$0.65				\$0.00	\$0.00	
BUS SALES	241	\$38.71	\$0.65				\$0.00	\$0.00	
CTO ACCESS SVC CTR	241	\$38.71	\$0.65				\$0.00	\$0.00	
CUS SALES - LAC	291	\$29.79	\$0.50	100%	0.15	0.08	\$0.07	\$0.04	C6, L1
	251	\$35.86	\$0.60	100%	0.55	0.24	\$0.33	\$0.14	C6, L2
CUS SALES - RCMAC	251	\$35.86	\$0.60	100%	1.22	0.19	\$0.73	\$0.11	C7, L1
NTWK FIELD MAINT - C.O.	414/415	\$43.21	\$0.72	75%	7.00	7.00	\$3.78	\$3.78	C8, L1
NTWK ENGR & CONSTRUCT	231	\$39.65	\$0.66	100%	0.80	0.00	\$0.53	\$0.00	C9A, L1
	320	\$51.49	\$0.86	100%	0.84	0.00	\$0.72	\$0.00	C9A, L2
CUS SALES/INSTALL	210	\$50.94	\$0.85	100%	46.67	0.00	\$39.62	\$0.00	C10, L1
CTO INSTALLATION	514	\$48.24	\$0.80				\$0.00	\$0.00	
CTO CKT DESIGN	471	\$33.61	\$0.56				\$0.00	\$0.00	
NTWK FIELD MAINT - COIN	520	\$38.94	\$0.65				\$0.00	\$0.00	
CUS SALES - SO COMPL	291	\$29.79	\$0.50	100%	2.11	1.00	\$0.00	\$0.00	C14A, L1
CTO - SO COMPLETION	291	\$29.79	\$0.50				\$0.00	\$0.00	
BUS SALES - COIN AE	6H	\$47.23	\$0.79				\$0.00	\$0.00	
BUS SALES - AE	6H	\$47.23	\$0.79				\$0.00	\$0.00	

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Total: \$53.82 \$7.56

PROVIDED TO PUCO

ESTABLISH MULTILINE HUNT EXCHANGE ACCESS LINE

Area A	Job Level B	Hourly Rate C	Per Minute Rate D=C/60	% Order Handled E	Weighted Installation Minutes F	Weighted Removal Minutes G	Installation Cost H=D*F*E	Removal Cost I=D*G*E	Weighted Minutes Source J
1 CUS SALES - RSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
2 CUS SALES - BSC	251	\$35.86	\$0.60	100%	11.70	5.00	\$6.99	\$2.99	C2, L2
3 BUS SALES (COIN)	241	\$38.71	\$0.65				\$0.00	\$0.00	
4 BUS SALES	241	\$38.71	\$0.65				\$0.00	\$0.00	
5 CTO ACCESS SVC CTR	241	\$38.71	\$0.65				\$0.00	\$0.00	
6 CUS SALES - LAC	291	\$29.79	\$0.50	100%	1.07	1.00	\$0.53	\$0.50	C6, L3
7	251	\$35.86	\$0.60	100%	10.15	3.00	\$6.07	\$1.79	C6, L4
8 CUS SALES - RCMAC	251	\$35.86	\$0.60	100%	5.32	2.05	\$3.18	\$1.23	C7, L2
9 NTWK FIELD MAINT - C.O.	414/415	\$43.21	\$0.72	75%	7.00	7.00	\$3.78	\$3.78	C8, L2
10 NTWK ENGR & CONSTRUC	231	\$39.65	\$0.66	100%	0.80	0.00	\$0.53	\$0.00	C9A, L3
11	320	\$51.49	\$0.86	100%	0.84	0.00	\$0.72	\$0.00	C9A, L4
12 CUS SALES/INSTALL	210	\$50.94	\$0.85	100%	46.67	0.00	\$39.62	\$0.00	C10, L2
13 CTO INSTALLATION	514	\$48.24	\$0.80				\$0.00	\$0.00	
14 CTO CKT DESIGN	471	\$33.61	\$0.56				\$0.00	\$0.00	
15 NTWK FIELD MAINT - COIN	520	\$38.94	\$0.65				\$1.05	\$0.50	C14A, L2
16 CUS SALES - SO COMPL	291	\$29.79	\$0.50	100%	2.11	1.00	\$0.00	\$0.00	
17 CTO - SO COMPLETION	291	\$29.79	\$0.50				\$0.00	\$0.00	
18 BUS SALES - COIN AE	6H	\$47.23	\$0.79				\$0.00	\$0.00	
19 BUS SALES - AE	6H	\$47.23	\$0.79				\$0.00	\$0.00	
20									

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NOTICE: PRIOR TO RELEASE TO PUBLIC
Total: \$62.47

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ESTABLISH PBX TRUNK EXCHANGE ACCESS LINE

Area	Job Level	Hourly Rate	Per Minute Rate	% Order Handled	Weighted Installation Minutes	Weighted Removal Minutes	Installation Cost	Removal Cost	Weighted Minutes Source
A	B	C	D=C/60	E	F	G	H=D*F*E	I=D*G*E	J
1 CUS SALES - RSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
2 CUS SALES - BSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
3 BUS SALES (COIN)	241	\$38.71	\$0.65				\$0.00	\$0.00	
4 BUS SALES	241	\$38.71	\$0.65	100%	18.56	8.56	\$11.97	\$5.52	C4, L5+L6
5 CTO ACCESS SVC CTR	241	\$38.71	\$0.65				\$0.00	\$0.00	
6 CUS SALES - LAC	291	\$29.79	\$0.50	100%	1.12	1.00	\$0.56	\$0.50	C6, L5
7	251	\$35.86	\$0.60	100%	10.10	3.00	\$6.04	\$1.79	C6, L6
8 CUS SALES - RCMAC	251	\$35.86	\$0.60	100%	5.40	3.24	\$3.23	\$1.94	C7, L3
9 NTWK FIELD MAINT - C.O.	414/415	\$43.21	\$0.72	100%	7.00	7.00	\$5.04	\$5.04	C8, L3
10 NTWK ENGR & CONSTRUC	231	\$39.65	\$0.66	100%	1.60	0.00	\$1.06	\$0.00	C9A, L5
11	320	\$51.49	\$0.86	100%	1.67	0.00	\$1.44	\$0.00	C9A, L6
12 CUS SALES/INSTALL	210	\$50.94	\$0.85				\$0.00	\$0.00	
13 CTO INSTALLATION	514	\$48.24	\$0.80	100%	60.00	20.00	\$48.24	\$16.08	C11, L1
14 CTO CKT DESIGN	471	\$33.61	\$0.56	100%	70.00	1.00	\$39.21	\$0.56	C12, L1+L2
15 NTWK FIELD MAINT - COIN	520	\$38.94	\$0.65				\$0.00	\$0.00	
16 CUS SALES - SO COMPL	291	\$29.79	\$0.50	100%	1.50	1.50	\$0.74	\$0.74	C15, L1
17 CTO - SO COMPLETION	291	\$29.79	\$0.50				\$0.00	\$0.00	
18 BUS SALES - COIN AE	6H	\$47.23	\$0.79	100%	5.00	0.00	\$1.00	\$0.00	
19 BUS SALES - AE	6H	\$47.23	\$0.79	100%	5.00	0.00	\$1.00	\$0.00	
20									
				Total:	\$121.46				

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ESTABLISH ANALOG CENTREX EXCHANGE ACCESS LINE

Area	Job Level	Hourly Rate	Per Minute Rate	% Order Handled	Weighted Installation Minutes	Weighted Removal Minutes	Installation Cost	Removal Cost	Weighted Minutes Source
A	B	C	D=C/60	E	F	G	H=D*F*E	I=D*G*E	J
1 CUS SALES - RSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
2 CUS SALES - BSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
3 BUS SALES (COIN)	241	\$38.71	\$0.65				\$0.00	\$0.00	
4 BUS SALES	241	\$38.71	\$0.65	100%	18.56	10.56	\$11.97	\$6.81	C4, L7+L8
5 CTO ACCESS SVC CTR	241	\$38.71	\$0.65				\$0.00	\$0.00	
6 CUS SALES - LAC	291	\$29.79	\$0.50	100%	1.12	1.00	\$0.56	\$0.50	C6, L7
7	251	\$35.86	\$0.60	100%	15.10	5.00	\$9.02	\$2.99	C6, L8
8 CUS SALES - RCMAC	251	\$35.86	\$0.60	100%	17.48	7.16	\$10.45	\$4.28	C7, L4
9 NTWK FIELD MAINT - C.O.	414/415	\$43.21	\$0.72	100%	7.00	7.00	\$5.04	\$5.04	C8, L4
10 NTWK ENGR & CONSTRUC	231	\$39.65	\$0.66	100%	1.60	0.00	\$1.06	\$0.00	C9A, L7
11	320	\$51.49	\$0.86	100%	1.67	0.00	\$1.44	\$0.00	C9A, L8
12 CUS SALES/INSTALL	210	\$50.94	\$0.85	100%	40.00	0.00	\$33.96	\$0.00	C10, L3
13 CTO INSTALLATION	514	\$48.24	\$0.80				\$0.00	\$0.00	
14 CTO CKT DESIGN	471	\$33.61	\$0.56				\$0.00	\$0.00	
15 NTWK FIELD MAINT - COIN	520	\$38.94	\$0.65	100%	2.06	1.00	\$1.02	\$0.50	C14A, L3
16 CUS SALES - SO COMPL	291	\$29.79	\$0.50				\$0.00	\$0.00	
17 CTO - SO COMPLETION	291	\$29.79	\$0.50				\$0.00	\$0.00	
18 BUS SALES - COIN AE	6H	\$47.23	\$0.79				\$3.94	\$0.00	
19 BUS SALES - AE	6H	\$47.23	\$0.79	100%	5.00	0.00	\$3.94	\$0.00	
20									
Total:					\$78.46	\$20.11			

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ESTABLISH ISDN CENTREX EXCHANGE ACCESS LINE

Area A	Job Level B	Hourly Rate C	Per Minute Rate D=C/60	% Order Handled E	Weighted Installation Minutes F	Weighted Removal Minutes G	Installation Cost H=D*F*E	Removal Cost I=D*G*E	Weighted Minutes Source J
1 CUS SALES - RSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
2 CUS SALES - BSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
3 BUS SALES (COIN)	241	\$38.71	\$0.65				\$0.00	\$0.00	
4 BUS SALES	241	\$38.71	\$0.65	100%	20.56	10.56	\$13.27	\$6.81	C4, L9+L10
5 CTO ACCESS SVC CTR	241	\$38.71	\$0.65				\$0.00	\$0.00	
6 CUS SALES - LAC	291	\$29.79	\$0.50	100%	1.60	1.00	\$0.79	\$0.50	C6, L9
7	251	\$35.86	\$0.60	100%	20.50	10.00	\$12.25	\$5.98	C6, L10
8 CUS SALES - RCMAC	251	\$35.86	\$0.60	100%	22.50	7.30	\$13.45	\$4.36	C7, L5
9 NTWK FIELD MAINT - C.O.	414/415	\$43.21	\$0.72	100%	7.00	7.00	\$5.04	\$5.04	C8, L5
10 NTWK ENGR & CONSTRUC	231	\$39.65	\$0.66	100%	8.00	0.00	\$5.29	\$0.00	C9A, L9
11	320	\$51.49	\$0.86	100%	8.37	0.00	\$7.18	\$0.00	C9A, L10
12 CUS SALES/INSTALL	210	\$50.94	\$0.85				\$0.00	\$0.00	
13 CTO INSTALLATION	514	\$48.24	\$0.80	100%	105.00	45.00	\$84.41	\$36.18	C11, L2
14 CTO CKT DESIGN	471	\$33.61	\$0.56				\$0.00	\$0.00	
15 NTWK FIELD MAINT - COIN	520	\$38.94	\$0.65				\$0.00	\$0.00	
16 CUS SALES - SO COMPL	291	\$29.79	\$0.50	100%	2.30	1.00	\$1.14	\$0.50	C14A, L4
17 CTO - SO COMPLETION	291	\$28.79	\$0.50				\$0.00	\$0.00	
18 BUS SALES - COIN AE	6H	\$47.23	\$0.79				\$0.00	\$0.00	
19 BUS SALES - AE	6H	\$47.23	\$0.79	100%	5.00	0.00	\$3.94	\$0.00	
Total:							\$146.76	\$59.36	

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ESTABLISH ISDN SINGLE EXCHANGE ACCESS LINE

	Area A	Job Level B	Hourly Rate C	Per Minute Rate D=C/60	% Order Handled E	Weighted Installation Minutes F	Weighted Removal Minutes G	Installation Cost H=D*F*E	Removal Cost I=D*G*E	Weighted Minutes Source J
1	CUS SALES - RSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
2	CUS SALES - BSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
3	BUS SALES (COIN)	241	\$38.71	\$0.65				\$0.00	\$0.00	
4	BUS SALES	241	\$38.71	\$0.65				\$0.00	\$0.00	
5	CTO ACCESS SVC CTR	241	\$38.71	\$0.65	100%	12.36	4.36	\$7.97	\$2.81	C5, L1+L2
6	CUS SALES - LAC	291	\$28.79	\$0.50	100%	1.60	1.00	\$0.79	\$0.50	C6, L11
7		251	\$35.86	\$0.60	100%	20.50	10.00	\$12.25	\$5.98	C6, L12
8	CUS SALES - RCMAC	251	\$35.86	\$0.60	100%	23.00	7.40	\$13.75	\$4.42	C7, L6
9	NTWK FIELD MAINT - C.O.	414/415	\$43.21	\$0.72	100%	7.00	7.00	\$5.04	\$5.04	C8, L6
10	NTWK ENGR & CONSTRUC	231	\$39.65	\$0.66	100%	8.00	0.00	\$5.29	\$0.00	C9A, L11
11		320	\$51.49	\$0.86	100%	8.37	0.00	\$7.18	\$0.00	C9A, L12
12	CUS SALES/INSTALL	210	\$50.94	\$0.85				\$0.00	\$0.00	
13	CTO INSTALLATION	514	\$48.24	\$0.80	100%	230.00	30.00	\$184.91	\$24.12	C11, L3
14	CTO CKT DESIGN	471	\$33.61	\$0.56	100%	30.00	5.00	\$16.80	\$2.80	C12, L3
15	NTWK FIELD MAINT - COIN	520	\$38.94	\$0.65				\$0.00	\$0.00	
16	CUS SALES - SO COMPL	291	\$28.79	\$0.50	100%	2.30	1.00	\$1.14	\$0.50	C14A, L5
17	CTO - SO COMPLETION	291	\$28.79	\$0.50				\$0.00	\$0.00	
18	BUS SALES - COIN AE	6H	\$47.23	\$0.79				\$0.00	\$0.00	
19	BUS SALES - AE	6H	\$47.23	\$0.79				\$0.00	\$0.00	
20										
			Total:					\$255.13	\$46.17	

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ESTABLISH COCOTS EXCHANGE ACCESS LINE

Area A	Job Level B	Hourly Rate C	Per Minute Rate D=C/60	% Order Handled E	Weighted Installation Minutes F	Weighted Removal Minutes G	Installation Cost H=D*F*E	Removal Cost I=D*G*E	Weighted Minutes Source J
1 CUS SALES - RSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
2 CUS SALES - BSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
3 BUS SALES (COIN)	241	\$38.71	\$0.65	100%	30.00	15.00	\$19.36	\$9.68	C3, L1
4 BUS SALES	241	\$38.71	\$0.65				\$0.00	\$0.00	
5 CTO ACCESS SVC CTR	241	\$38.71	\$0.65				\$0.00	\$0.00	
6 CUS SALES - LAC	291	\$29.79	\$0.50	100%	0.15	0.08	\$0.07	\$0.04	C6, L13
7	251	\$35.86	\$0.60	100%	0.55	0.40	\$0.33	\$0.24	C6, L14
8 CUS SALES - RCMAC	251	\$35.86	\$0.60	100%	1.22	0.40	\$0.73	\$0.24	C7, L7
9 NTWK FIELD MAINT - C.O.	414/415	\$43.21	\$0.72	75%	7.00	7.00	\$3.78	\$3.78	C8, L7
10 NTWK ENGR & CONSTRUC	231	\$39.65	\$0.66	100%	0.80	0.00	\$0.53	\$0.00	C9A, L13
11	320	\$51.49	\$0.86	100%	0.84	0.00	\$0.72	\$0.00	C9A, L14
12 CUS SALES/INSTALL	210	\$50.94	\$0.85				\$0.00	\$0.00	
13 CTO INSTALLATION	514	\$48.24	\$0.80				\$0.00	\$0.00	
14 CTO CKT DESIGN	471	\$33.61	\$0.56				\$0.00	\$0.00	
15 NTWK FIELD MAINT - COIN	520	\$38.94	\$0.65	100%	120.00	60.00	\$77.87	\$38.94	C13, L1
16 CUS SALES - SO COMPL	291	\$29.79	\$0.50	100%	2.03	1.00	\$1.01	\$0.50	C14A, L6
17 CTO - SO COMPLETION	291	\$29.79	\$0.50				\$0.00	\$0.00	
18 BUS SALES - COIN AE	6H	\$47.23	\$0.79	100%	5.00	0.00	\$0.94	\$0.00	C16, L1
19 BUS SALES - AE	6H	\$47.23	\$0.79				\$0.00	\$0.00	
20									
				Total:	\$108.33	\$50.41	\$108.33	\$50.41	

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ESTABLISH COINLESS EXCHANGE ACCESS LINE

Area A	Job Level B	Hourly Rate C	Per Minute Rate D=C/60	% Order Handled E	Weighted Installation Minutes F	Weighted Removal Minutes G	Installation Cost H=D*F*E	Removal Cost I=D*G*E	Weighted Minutes Source J
1 CUS SALES - RSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
2 CUS SALES - BSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
3 BUS SALES (COIN)	241	\$38.71	\$0.65	100%	30.00	15.00	\$19.36	\$9.68	C3, L1
4 BUS SALES	241	\$38.71	\$0.65				\$0.00	\$0.00	
5 CTO ACCESS SVC CTR	241	\$38.71	\$0.65				\$0.00	\$0.00	
6 CUS SALES - LAC	291	\$29.79	\$0.50	100%	0.15	0.08	\$0.07	\$0.04	C6, L13
7 CUS SALES - RCMAC	251	\$35.86	\$0.60	100%	0.55	0.40	\$0.33	\$0.24	C6, L14
8 CUS SALES - RCMAC	251	\$35.86	\$0.60	100%	1.22	0.40	\$0.73	\$0.24	C7, L7
9 NTWK FIELD MAINT - C.O.	414/415	\$43.21	\$0.72	75%	7.00	7.00	\$3.78	\$3.78	C8, L7
10 NTWK ENGR & CONSTRUC	231	\$39.65	\$0.66	100%	0.80	0.00	\$0.53	\$0.00	C9A, L13
11 CUS SALES/INSTALL	320	\$51.49	\$0.86	100%	0.84	0.00	\$0.72	\$0.00	C9A, L14
12 CUS SALES/INSTALL	210	\$50.94	\$0.85				\$0.00	\$0.00	
13 CTO INSTALLATION	514	\$48.24	\$0.80				\$0.00	\$0.00	
14 CTO CKT DESIGN	471	\$33.61	\$0.56				\$0.00	\$0.00	
15 NTWK FIELD MAINT - COIN	520	\$38.94	\$0.65	100%	120.00	60.00	\$77.87	\$38.94	C13, L1
16 CUS SALES - SO COMPL	291	\$29.79	\$0.50	100%	2.03	1.00	\$1.01	\$0.50	C14A, L6
17 CTO - SO COMPLETION	291	\$29.79	\$0.50				\$0.00	\$0.00	
18 BUS SALES - COIN AE	6H	\$47.23	\$0.79	100%	5.00	0.00	\$3.94	\$0.00	
19 BUS SALES - AE	6H	\$47.23	\$0.79				\$0.00	\$0.00	
Total:							\$108.33	\$51.41	

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ESTABLISH SEMI-PUBLIC EXCHANGE ACCESS LINE

Area	Job Level	Hourly Rate	Per Minute Rate	% Order Handled	Weighted Installation Minutes	Weighted Removal Minutes	Installation Cost	Removal Cost	Weighted Minutes Source
A	B	C	D=C/60	E	F	G	H=D*F*E	I=D*G*E	J
1 CUS SALES - RSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
2 CUS SALES - BSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
3 BUS SALES (COIN)	241	\$38.71	\$0.65	100%	18.00	8.00	\$11.61	\$5.16	C3, L2
4 BUS SALES	241	\$38.71	\$0.65				\$0.00	\$0.00	
5 CTO ACCESS SVC CTR	241	\$38.71	\$0.65				\$0.00	\$0.00	
6 CUS SALES - LAC	291	\$29.79	\$0.50	100%	0.15	0.08	\$0.07	\$0.04	C6, L15
7 CUS SALES - RCMAC	251	\$35.86	\$0.60	100%	0.55	0.40	\$0.33	\$0.24	C6, L16
8 CUS SALES - RCMAC	251	\$35.86	\$0.60	100%	1.22	0.40	\$0.73	\$0.24	C7, L8
9 NTKW FIELD MAINT - C.O.	414/415	\$43.21	\$0.72	75%	7.00	7.00	\$3.78	\$3.78	C8, L8
10 NTKW ENGR & CONSTRU	231	\$39.65	\$0.66	100%	0.80	0.00	\$0.53	\$0.00	C9A, L15
11	320	\$51.49	\$0.86	100%	0.84	0.00	\$0.72	\$0.00	C9A, L16
12 CUS SALES/INSTALL	210	\$50.94	\$0.85				\$0.00	\$0.00	
13 CTO INSTALLATION	514	\$48.24	\$0.80				\$0.00	\$0.00	
14 CTO CKT DESIGN	471	\$33.61	\$0.56				\$0.00	\$0.00	
15 NTKW FIELD MAINT - COIN	520	\$38.94	\$0.65	100%	180.00	60.00	\$116.81	\$38.94	C13, L2
16 CUS SALES - SO COMPL	291	\$29.79	\$0.50	100%	2.03	1.00	\$1.01	\$0.50	C14A, L7
17 CTO - SO COMPLETION	291	\$29.79	\$0.50				\$0.00	\$0.00	
18 BUS SALES - COIN AE	6H	\$47.23	\$0.79	100%	15.00	10.00	\$11.81	\$7.87	
19 BUS SALES - AE	6H	\$47.23	\$0.79				\$0.00	\$0.00	
20									
				Total:	\$147.40	\$56.76			

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CHANGE FROM ONE TYPE OR GRADE OF NON-RESIDENCE EXCHANGE ACCESS LINE TO ANOTHER

	Area A	Job Level B	Hourly Rate C	Per Minute Rate D=C/60	% Order Handled E	Weighted Installation Minutes F	Weighted Removal Minutes G	Installation Cost H=D*F*E	Removal Cost I=D*G*E	Weighted Minutes Source J
1	CUS SALES - RSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
2	CUS SALES - BSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
3	BUS SALES (COIN)	241	\$38.71	\$0.65				\$0.00	\$0.00	
4	BUS SALES	241	\$38.71	\$0.65	100%	5.56		\$3.59	\$0.00	C4, L11+L12
5	CTO ACCESS SVC CTR	241	\$38.71	\$0.65				\$0.00	\$0.00	
6	CUS SALES - LAC	291	\$29.79	\$0.50	100%	0.09		\$0.04	\$0.00	C6, L17
7		251	\$35.86	\$0.60	100%	0.27		\$0.16	\$0.00	C6, L18
8	CUS SALES - RCMAC	251	\$35.86	\$0.60	100%	1.22		\$0.73	\$0.00	C7, L9
9	NTWK FIELD MAINT - C.O.	414/415	\$43.21	\$0.72				\$0.00	\$0.00	
10	NTWK ENGR & CONSTRUC	231	\$39.65	\$0.66				\$0.00	\$0.00	
11		320	\$51.49	\$0.86				\$0.00	\$0.00	
12	CUS SALES/INSTALL	210	\$50.94	\$0.85				\$0.00	\$0.00	
13	CTO INSTALLATION	514	\$48.24	\$0.80				\$0.00	\$0.00	
14	CTO CKT DESIGN	471	\$33.61	\$0.56				\$0.00	\$0.00	
15	NTWK FIELD MAINT - COIN	520	\$38.94	\$0.65				\$0.00	\$0.00	C14A, L8
16	CUS SALES - SO COMPL	291	\$29.79	\$0.50	100%	2.00		\$0.99	\$0.00	
17	CTO - SO COMPLETION	291	\$29.79	\$0.50				\$0.00	\$0.00	
18	BUS SALES - COIN AE	6H	\$47.23	\$0.79				\$0.00	\$0.00	
19	BUS SALES - AE	6H	\$47.23	\$0.79				\$0.00	\$0.00	
20								\$0.00	\$0.00	

Total:

\$5.52

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CHANGE FROM ONE TYPE OR GRADE OF RESIDENCE EXCHANGE ACCESS LINE TO ANOTHER

	Area A	Job Level B	Hourly Rate C	Per Minute Rate D=C/60	% Order Handled E	Weighted Installation Minutes F	Weighted Removal Minutes G	Installation Cost H=D*F*E	Removal Cost I=D*G*E	Weighted Minutes Source J
1	CUS SALES - RSC	251	\$35.86	\$0.60	100%	5.00		\$2.99	\$0.00	C1, L1
2	CUS SALES - BSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
3	BUS SALES (COIN)	241	\$38.71	\$0.65				\$0.00	\$0.00	
4	BUS SALES	241	\$38.71	\$0.65				\$0.00	\$0.00	
5	CTO ACCESS SVC CTR	241	\$38.71	\$0.65				\$0.00	\$0.00	
6	CUS SALES - LAC	291	\$29.79	\$0.50	100%	0.09		\$0.04	\$0.00	C6, L17
7		251	\$35.86	\$0.60	100%	0.27		\$0.16	\$0.00	C6, L18
8	CUS SALES - RCMAC	251	\$35.86	\$0.60	100%	1.22		\$0.73	\$0.00	C7, L9
9	NTWK FIELD MAINT - C.O.	414/415	\$43.21	\$0.72				\$0.00	\$0.00	
10	NTWK ENGR & CONSTRUC	231	\$39.65	\$0.66				\$0.00	\$0.00	
11		320	\$51.49	\$0.86				\$0.00	\$0.00	
12	CUS SALES/INSTALL	210	\$50.94	\$0.85				\$0.00	\$0.00	
13	CTO INSTALLATION	514	\$48.24	\$0.80				\$0.00	\$0.00	
14	CTO CKT DESIGN	471	\$33.61	\$0.56				\$0.00	\$0.00	
15	NTWK FIELD MAINT - COIN	520	\$38.94	\$0.65				\$0.00	\$0.00	
16	CUS SALES - SO COMPL	291	\$29.79	\$0.50				\$0.00	\$0.00	
17	CTO - SO COMPLETION	291	\$29.79	\$0.50				\$0.00	\$0.00	
18	BUS SALES - COIN AE	6H	\$47.23	\$0.79				\$0.00	\$0.00	
19	BUS SALES - AE	6H	\$47.23	\$0.79				\$0.00	\$0.00	

Total:

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ESTABLISH OR CHANGE BILLING ASSOCIATED WITH 1FB EXCHANGE ACCESS LINE

Area A	Job Level B	Hourly Rate C	Per Minute Rate D=C/60	% Order Handled E	Weighted Installation Minutes F	Weighted Removal Minutes G	Installation Cost H=D*F*E	Removal Cost I=D*G*E	Weighted Minutes Source J
1 CUS SALES - RSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
2 CUS SALES - BSC	251	\$35.86	\$0.60	100%	10.00		\$5.98	\$0.00	C2, L5
3 BUS SALES (COIN)	241	\$38.71	\$0.65				\$0.00	\$0.00	
4 BUS SALES	241	\$38.71	\$0.65				\$0.00	\$0.00	
5 CTO ACCESS SVC CTR	241	\$38.71	\$0.65				\$0.00	\$0.00	
6 CUS SALES - LAC	291	\$29.79	\$0.50				\$0.00	\$0.00	
7	251	\$35.86	\$0.60				\$0.00	\$0.00	
8 CUS SALES - RCMAC	251	\$35.86	\$0.60				\$0.00	\$0.00	
9 NTKW FIELD MAINT - C.O.	414/415	\$43.21	\$0.72				\$0.00	\$0.00	
10 NTKW ENGR & CONSTRUC	231	\$39.65	\$0.66				\$0.00	\$0.00	
11	320	\$51.49	\$0.86				\$0.00	\$0.00	
12 CUS SALES/INSTALL	210	\$50.94	\$0.85				\$0.00	\$0.00	
13 CTO INSTALLATION	514	\$48.24	\$0.80				\$0.00	\$0.00	
14 CTO CKT DESIGN	471	\$33.61	\$0.56				\$0.00	\$0.00	
15 NTKW FIELD MAINT - COIN	520	\$38.94	\$0.65				\$0.00	\$0.00	
16 CUS SALES - SO COMPL	291	\$29.79	\$0.50				\$0.00	\$0.00	
17 CTO - SO COMPLETION	291	\$29.79	\$0.50				\$0.00	\$0.00	
18 BUS SALES - COIN AE	6H	\$47.23	\$0.79				\$0.00	\$0.00	
19 BUS SALES - AE	6H	\$47.23	\$0.79				\$0.00	\$0.00	
20									
				Total:			\$5.98	\$0.00	

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ESTABLISH OR CHANGE BILLING ASSOCIATED WITH 1FH, PBX, OR CENTREX EXCHANGE ACCESS LINE

Area A	Job Level B	Hourly Rate C	Per Minute Rate D=C/60	% Order Handled E	Weighted Installation Minutes F	Weighted Removal Minutes G	Installation Cost H=D*F*E	Removal Cost I=D*G*E	Weighted Minutes Source J
1 CUS SALES - RSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
2 CUS SALES - BSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
3 BUS SALES (COIN)	241	\$38.71	\$0.65				\$0.00	\$0.00	
4 BUS SALES	241	\$38.71	\$0.65	100%	15.56		\$10.04	\$0.00	C4, L15+L16
5 CTO ACCESS SVC CTR	241	\$38.71	\$0.65				\$0.00	\$0.00	
6 CUS SALES - LAC	291	\$29.79	\$0.50				\$0.00	\$0.00	
7 CUS SALES - RCMAC	251	\$35.86	\$0.60				\$0.00	\$0.00	
8 CUS SALES - RCMAC	251	\$35.86	\$0.60				\$0.00	\$0.00	
9 NTWK FIELD MAINT - C.O.	414/415	\$43.21	\$0.72				\$0.00	\$0.00	
10 NTWK ENGR & CONSTRUC	231	\$39.65	\$0.66				\$0.00	\$0.00	
11 CUS SALES/INSTALL	320	\$51.49	\$0.86				\$0.00	\$0.00	
12 CTO INSTALLATION	210	\$50.94	\$0.85				\$0.00	\$0.00	
13 CTO CKT DESIGN	514	\$48.24	\$0.80				\$0.00	\$0.00	
14 NTWK FIELD MAINT - COIN	471	\$33.61	\$0.56				\$0.00	\$0.00	
15 CUS SALES - SO COMPL	520	\$38.94	\$0.65				\$0.00	\$0.00	
16 CTO - SO COMPLETION	291	\$29.79	\$0.50				\$0.00	\$0.00	
17 BUS SALES - COIN AE	291	\$29.79	\$0.50				\$0.00	\$0.00	
18 BUS SALES - AE	6H	\$47.23	\$0.79				\$0.00	\$0.00	
19	6H	\$47.23	\$0.79				\$0.00	\$0.00	
20							\$10.04	\$0.00	

Total:

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ESTABLISH OR CHANGE BILLING ASSOCIATED WITH RESIDENCE EXCHANGE ACCESS LINE

Area A	Job Level B	Hourly Rate C	Per Minute Rate D=C/60	% Order Handled E	Weighted Installation Minutes F	Weighted Removal Minutes G	Installation Cost H=D*F*E	Removal Cost I=D*G*E	Weighted Minutes Source J
1 CUS SALES - RSC	251	\$35.86	\$0.60	100%	15.00		\$8.96	\$0.00	C1, L2
2 CUS SALES - BSC	251	\$35.86	\$0.60				\$0.00	\$0.00	
3 BUS SALES (COIN)	241	\$38.71	\$0.65				\$0.00	\$0.00	
4 BUS SALES	241	\$38.71	\$0.65				\$0.00	\$0.00	
5 CTO ACCESS SVC CTR	241	\$38.71	\$0.65				\$0.00	\$0.00	
6 CUS SALES - LAC	291	\$29.79	\$0.50				\$0.00	\$0.00	
7	251	\$35.86	\$0.60				\$0.00	\$0.00	
8 CUS SALES - RCMAC	251	\$35.86	\$0.60				\$0.00	\$0.00	
9 NTWK FIELD MAINT - C.O.	414/415	\$43.21	\$0.72				\$0.00	\$0.00	
10 NTWK ENGR & CONSTRU	231	\$39.65	\$0.66				\$0.00	\$0.00	
11	320	\$51.49	\$0.86				\$0.00	\$0.00	
12 CUS SALES/INSTALL	210	\$50.94	\$0.85				\$0.00	\$0.00	
13 CTO INSTALLATION	514	\$48.24	\$0.80				\$0.00	\$0.00	
14 CTO CKT DESIGN	471	\$33.61	\$0.56				\$0.00	\$0.00	
15 NTWK FIELD MAINT - COIN	520	\$38.94	\$0.65				\$0.00	\$0.00	
16 CUS SALES - SO COMPL	291	\$29.79	\$0.50				\$0.00	\$0.00	
17 CTO - SO COMPLETION	291	\$29.79	\$0.50				\$0.00	\$0.00	
18 BUS SALES - COIN AE	6H	\$47.23	\$0.79				\$0.00	\$0.00	
19 BUS SALES - AE	6H	\$47.23	\$0.79				\$0.00	\$0.00	
20									

Total:

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BACKUP SHEET INDEX

BACKUP SHEET DATA SOURCE

C1	Customer Sales and Service Center - Residence Service Center
C2	Customer Sales and Service Center - Business Service Center
C3	Business Sales - Coin
C4	Business Sales
C5	Client Technical Operation - Access Service Center
C6	Customer Sales and Service - Loop Assignment Center
C7	Customer Sales and Service - RCMAC
C8	Network Maintenance and Technical Support - Network Field Maintenance - Central Office
C9	Network Engineering and Construction
C10	Customer Sales and Service - Field Installation
C11	Client Technical Operation - Field Installation and Repair
C12	Client Technical Operation - Circuit Testing and Design
C13	Network Maintenance and Technical Support Network Field Maintenance - Coin Installation
C14	Customer Sales and Service - Assignment and Translations Service Order Completion
C15	Client Technical Operation - Access Service Center Service Order Completion
C16	Business Sales - Account Executive - Coin
C17	Business Sales - Account Executive
C18	Percentage of Order Requiring Central Office Work & Installation Work
C19	1996 Labor Rates
C20	Levelized Labor Inflation Rate

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CUSTOMER SALES AND SERVICE CENTER - RSC

SOURCE: BRENDA WAGNER

Service	Installation Activity	Job Level	Time (Minutes)	Removal Activity	Job Level	Time (Minutes)
1 CHANGE FROM ONE TYPE OR GRADE OF RESIDENCE EXCHANGE ACCESS LINE TO ANOTHER, PER LINE	NEGOTIATE WITH CUSTOMER; TYPE ORDER	251	5			
2 ESTABLISH OR CHANGE BILLING ARRANGEMENTS ASSOCIATED WITH A RESIDENCE EXCHANGE ACCESS LINE, PER LINE	NEGOTIATE WITH CUSTOMER; TYPE ORDERS	251	10-15			

CUSTOMER SALES AND SERVICE - BSC

SOURCE: DEBBIE GILLIAM

Service	Installation Activity	Job Level	Time (Minutes)	Removal Activity	Job Level	Time (Minutes)
1 ESTABLISH MULTILINE NON-HUNTING EXCHANGE ACCESS LINE, PER LINE*	NEGOTIATE ORDER; ASSIGN TN; ASSIGN DD; TYPE ORDER	251	11.7	NEGOTIATE ORDER; TYPE ORDER	251	5
2 ESTABLISH MULTILINE HUNT EXCHANGE ACCESS LINE, PER LINE*	NEGOTIATE ORDER; ASSIGN TN; ASSIGN DD; TYPE ORDER	251	11.7	NEGOTIATE ORDER; TYPE ORDER	251	5
3 ESTABLISH PBX TRUNK EXCHANGE ACCESS LINE, PER LINE**	NEGOTIATE ORDER ASSIGN TN; ASSIGN DD; TYPE ORDER	251	15	NEGOTIATE ORDER; TYPE ORDER	251	5
4 CHANGE FROM ONE TYPE OR GRADE OF NON-RESIDENCE EXCHANGE ACCESS LINE TO ANOTHER, PER LINE**	NEGOTIATE ORDER; TYPE ORDER	251	5			
5 ESTABLISH OR CHANGE BILLING ARRANGEMENTS ASSOCIATED WITH A 1FB EXCHANGE ACCESS LINE, PER LINE*	NEGOTIATE ORDER; TYPE TWO ORDERS	251	10			
6 ESTABLISH OR CHANGE BILLING ARRANGEMENTS ASSOCIATED WITH A 1FH, PBX TRUNK, OR CENTREX EXCHANGE ACCESS LINE, PER LINE **	NEGOTIATE ORDER; TYPE TWO ORDERS	251				

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CUSTOMER SALES AND SERVICE - BSC

SOURCE: DEBBIE GILLIAM

Service	Installation		Job		Time		Removal		Job		Time	
	Activity	Level	Activity	Level	Minutes	Level	Activity	Level	Minutes	Level	Minutes	Level

Note: The weightings for installation of Multiline Non-Hunt and Multiline Hunt exchange access lines were calculated as follows:

Ms. Gilliam reported that a new installation order requires approximately 20 minutes and a change order requires approximately 10 minutes. She reported that there are approximately five change orders for every new installation order. Therefore, new installation orders = $1/6 = .17$
change orders = $5/6 = .83$
weighted minutes per order = $(.17*20) + (.83*10) = 11.7$

Ms. Gilliam reported that the amount of time spent on Supplementary orders is negligible.

* Both the BSC and Business Sales groups reported times for this item. The time reported by the BSC was used assuming that more orders for this type of service are handled by the BSC than by Business Sales.

** Both the BSC and Business Sales groups reported times for this item. The time reported by Business Sales was used assuming that more orders for this type of service are handled by Business Sales than by the BSC.

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BUSINESS SALES - COIN

SOURCES: DEBBIE CHOWNING AND LINDA BUTLER

Service	Installation Activity	Job Level	Time (Minutes)	Removal Activity	Job Level	Time (Minutes)
1 ESTABLISH COCOTS/COINLESS EXCHANGE ACCESS LINE, PER LINE	NEGOTIATE ORDER; TYPE ORDER	241	30	NEGOTIATE ORDER; TYPE ORDER	241	12 - 15
2 ESTABLISH SEMI-PUBLIC EXCHANGE ACCESS LINE, PER LINE	NEGOTIATE ORDER; TYPE ORDER	241	15 - 18	NEGOTIATE ORDER; TYPE ORDER	241	5 - 8

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SOURCES: HOLLY COOK, SANDY MURPHY, BONNIE JONES

SOURCES: HOLLY COOK, SANDY MURPHY, BONNIE JONES

ORDER 241
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ORDER; 241
E FROM ONE
PRIORITY TO PUCO

BUSINESS SALES

SOURCES: HOLLY COOK, SANDY MURPHY, BONNIE JONES

Service	Installation Activity	Job Level	Time (Minutes)	Removal Activity	Job Level	Time (Minutes)
11 CHANGE FROM ONE TYPE OR GRADE OF NON-RESIDENCE EXCHANGE ACCESS LINE TO ANOTHER, 12 PER LINE**	NEGOTIATE ORDER; TYPE ORDER SUP ORDER	241 241	5 0.56			
13 ESTABLISH OR CHANGE BILLING ARRANGEMENTS ASSOCIATED WITH A 1FB EXCHANGE ACCESS LINE, 14 PER LINE*	NEGOTIATE; TYPE TWO ORDERS SUP ORDER	241 241	12 0.56			
15 ESTABLISH OR CHANGE BILLING ARRANGEMENTS ASSOCIATED WITH A 1FH, PBX TRUNK, OR CENTREX 16 EXCHANGE ACCESS LINE, PER LINE**	NEGOTIATE; TYPE TWO ORDERS SUP ORDER	241 241	15 0.56			

Note: 5% - 8% of orders come back for Supplementary orders. The average time spent on a Supplementary orders is 5 - 7 minutes.
Therefore, .08 * 7 = .56 minutes spent on Supplementary orders.

* Both the BSC and Business Sales groups reported times for this item. The time reported by the BSC was used assuming that more orders for this type of service are handled by the BSC than by Business Sales.

** Both the BSC and Business Sales groups reported times for this item. The time reported by Business Sales was used assuming that more orders for this type of service are handled by Business Sales than by the BSC.

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CLIENT TECHNICAL OPERATIONS - SERVICE DESIGN AND DELIVERY - ACCESS SERVICE CENTER

SOURCE: MARILYN LAWSON

Service	Installation Activity	Job Level	Time (Minutes)	Removal Activity	Job Level	Time (Minutes)
1 ESTABLISH ISDN SINGLE EXCHANGE ACCESS LINE, PER LINE	NEGOTIATE ORDER; TYPE ORDER; ENTER ORDER INTO NAPS	241	12	NEGOTIATE ORDER; TYPE ORDER; ENTER ORDER INTO NAPS	241	4
2	SUP ORDER	241	0.36	SUP ORDER	241	0.36

Note: A Supplementary order takes about 5 to 6 minutes to complete. Approximately 5 - 6% of orders require Supplementary orders. Therefore, the weighted time for a Supplementary order is .06 * .06 = .36 minutes.

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CUSTOMER SALES AND SERVICE - LOOP ASSIGNMENT CENTER

SOURCES: LINDA LAAKE AND MICHELLE SOLOMON

Service	Installation Activity	Job Level	Time (Minutes)	Removal Activity	Job Level	Time (Minutes)
1 ESTABLISH MULTILINE NON-HUNTING	SEE MEMO, P.2	291	0.15	SEE MEMO, P.10	291	0.08
2 EXCHANGE ACCESS LINE, PER LINE	SEE MEMO, P.2	251	0.55	SEE MEMO, P.10	251	0.24
3 ESTABLISH MULTILINE HUNT	SEE MEMO, P.3	291	1.07	SEE MEMO, PP.10&11	291	1.00
4 EXCHANGE ACCESS LINE, PER LINE	SEE MEMO, P.3	251	10.15	SEE MEMO, PP.10&11	251	3.00
5 ESTABLISH PBX TRUNK EXCHANGE	SEE MEMO, P.4	291	1.12	SEE MEMO, PP.11&12	291	1.00
6 ACCESS LINE, PER LINE	SEE MEMO, P.4	251	10.10	SEE MEMO, PP.11&12	251	3.00
7 ESTABLISH ANALOG CENTREX 2000	SEE MEMO, PP.4&5	291	1.12	SEE MEMO, P.12	291	1.00
8 EXCHANGE ACCESS LINE, PER LINE	SEE MEMO, PP.4&5	251	15.10	SEE MEMO, P.12	251	5.00
9 ESTABLISH ISDN CENTREX 2000	SEE MEMO, PP.5&6	291	1.60	SEE MEMO, PP.12&13	291	1.00
10 EXCHANGE ACCESS LINE, PER LINE	SEE MEMO, PP.5&6	251	20.50	SEE MEMO, PP.12&13	251	10.00
11 ESTABLISH ISDN SINGLE	SEE MEMO, PP.6&7	291	1.60	SEE MEMO, P.13	291	1.00
12 EXCHANGE ACCESS LINE, PER LINE	SEE MEMO, PP.6&7	251	20.50	SEE MEMO, P.13	251	10.00
13 ESTABLISH COCOTS/COINLESS	SEE MEMO, PP.7&8	291	0.15	SEE MEMO, PP.13&14, PP.129114	291	0.08
14 EXCHANGE ACCESS LINE, PER LINE	SEE MEMO, PP.7&8	251	0.55	SEE MEMO, PP.13&14	251	0.40
15 ESTABLISH SEMI-PUBLIC EXCHANGE	SEE MEMO, P.8	291	0.15	SEE MEMO, P.14, RELEAS291	291	0.08
16 ACCESS LINE, PER LINE	SEE MEMO, P.8	251	0.55	SEE MEMO, P.14	251	0.40
17 CHANGE FROM ONE TYPE OR GRADE	SEE MEMO, PP.8&9	291	0.09	PROVIDED TO PUBLIC		
18 OF NON-RESIDENCE EXCHANGE ACCESS LINE TO ANOTHER, PER LINE	SEE MEMO, PP.8&9	251	0.27			

CUSTOMER SALES AND SERVICE - LOOP ASSIGNMENT CENTER

SOURCES: LINDA LAAKE AND MICHELLE SOLOMON

Service	Installation Activity	Job Level	Time (Minutes)	Job Level	Time (Minutes)
19 CHANGE FROM ONE TYPE OR GRADE	SEE MEMO, P.9	291			
20 OF RESIDENCE EXCHANGE	SEE MEMO, P.9	251			
ACCESS LINE TO ANOTHER, PER LINE					

Note: For detail on weightings, see data provided in LAC/RCMAC memo.

CUSTOMER SALES AND SERVICE - RCMAC

SOURCES: CATHY SETSER AND DAVE BACHMAN

Service	Installation Activity	Job Level	Time (Minutes)	Removal Activity	Job Level	Time (Minutes)
1 ESTABLISH MULTILINE NON-HUNTING EXCHANGE ACCESS LINE, PER LINE	SEE MEMO, P.2	251	1.22	SEE MEMO, P.10	251	0.19
2 ESTABLISH MULTILINE HUNT EXCHANGE ACCESS LINE, PER LINE	SEE MEMO, P.3	251	5.32	SEE MEMO, PP.10&11	251	2.05
3 ESTABLISH PBX TRUNK EXCHANGE ACCESS LINE, PER LINE	SEE MEMO, P.4	251	5.40	SEE MEMO, PP.11&12	251	3.24
4 ESTABLISH ANALOG CENTREX 2000 EXCHANGE ACCESS LINE, PER LINE	SEE MEMO, PP.4&5	251	17.48	SEE MEMO, P.12	251	7.16
5 ESTABLISH ISDN CENTREX 2000 EXCHANGE ACCESS LINE, PER LINE	SEE MEMO, PP.5&6	251	22.50	SEE MEMO, PP.12&13	251	7.30
6 ESTABLISH ISDN SINGLE EXCHANGE ACCESS LINE, PER LINE	SEE MEMO, PP.6&7	251	23.00	SEE MEMO, P.13	251	7.40
7 ESTABLISH COCOTS/COINLESS EXCHANGE ACCESS LINE, PER LINE	SEE MEMO, PP.7&8	251	1.22	SEE MEMO, PP.13&14	251	0.40
8 ESTABLISH SEMI-PUBLIC EXCHANGE ACCESS LINE, PER LINE	SEE MEMO, P.8	251	1.22	SEE MEMO, PP.14 PROVIDED TO PUCCO	251	0.40
9 CHANGE FROM ONE TYPE OR GRADE OF NON-RESIDENCE EXCHANGE ACCESS LINE TO ANOTHER, PER LINE	SEE MEMO, PP.8&9	251	1.22			

CUSTOMER SALES AND SERVICE - RCMAC

SOURCES: CATHY SETSER AND DAVE BACHMAN

Service	Installation Activity	Job Level	Time (Minutes)	Removal Activity	Job Level	Time (Minutes)
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10 CHANGE FROM ONE TYPE OR GRADE OF RESIDENCE EXCHANGE ACCESS LINE TO ANOTHER, PER LINE

251

SEE MEMO, P.9

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Note: For detail on weightings, see data provided in LAC/RCMAC memo.