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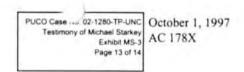
1770 INDEPENDENT EXCHANGE CARRIER RELATIONS 1-01-95

This code is assigned to nonmanagement employees and first through fifth level managers

- · Maintains relations and coordinates activities and plans of mutual interest with independent exchange carriers
- Maintains relations and coordinates activities and plans of mutual interest with telephone trade organizations such as United States Telephone Association (USTA), Organization for the Protection and Advancement of Small Telephone Companies (OPASTCO), National Telephone Cooperative Association (NTCA), etc.
- Coordinates the activities of the independent exchange carriers cost study review team with the independent exchange carriers
- Coordinates the forecasting of independent exchange carriers settlements
- · Coordinates facilities requirements with independent exchange carriers
- · Typical activities:
 - Receives inquiries/orders/memorandums from SWBT service order units or independent exchange carrier companies pertaining to facility needs for customer service
 - Reviews and logs memorandums, inquiries and orders, and distributes to appropriate parties
 - Interfaces with marketing (ISC), engineering and network organization entities to ensure integrity of committed service dates and facilities required
 - · Maintains and prepares records on tariff charges and settlements of amounts due
 - Receives completion advices and various other data, e.g., facility layout records, jeopardy notes, etc.
- Performs general office duties (e.g., secretarial and/or clerical activities) in support of AC 1770
- Performs administrative assistance functions (e.g., methods, planning, training) in support of AC 1770. See
 Appendix II for a complete description of the administrative assistance functions
- Supervises employees who perform AC 1770 functions

EXCLUSION:

For preparation and formatting of service order memorandums into service order format, see AC 23XX.



1780 CONTRACT ADMINISTRATION FOR SHARED FACILITIES AND SHARED SERVICES 01-01-95

This code is assigned to nonmanagement employees and first through fifth level managers

- Negotiates and administers contracts with companies for the shared use of a company's equipment, facilities, services, etc.
- Develops and analyzes information that is the basis for contract charges for shared facilities and services
- Contacts departmental representatives who are developing estimates of usage's and capacities of facilities, trunks, etc.
- Develops terms of contracts such as billed amount, supporting expenses and investments, performance
- · criteria, duration, etc.
- Serves as the point of contact for reconciliation of bills
- · Provides cost and revenue data requested by regulatory agencies
- Services contracts for shared facilities and shared services and renegotiates contracts as required
- · Accesses and updates manual or mechanized databases as required
- Performs general office duties (e.g., secretarial and/or clerical activities) in support of AC 1780
- Performs administrative assistance functions (e.g., methods, planning, training) in support of AC 1780. See Appendix II for a complete description of the administrative assistance functions.
- Supervises employees who perform AC 1780 functions

ACTIVITY CODE EXCERPT FROM THE AMERITECH COMMON FINANCIAL LANGUAGE (CFL) REFERENCE GUIDE

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02EE	Support - Human Resources

Effective Date: 04-01-95 Account: 6723.1

03XX Product Advertising

0351 Product Advertising

Effective Date: 04-01-95 Account: 6613.1

Activities associated with commercial advertising for developing and implementing promotional strategies to stimulate the purchase of products and services

0358 Basic Office Services - Product Advertising

Effective Date: 04-01-95 Account: 6613.1

0359 Direct Supervision - Product Advertising

Effective Date: 04-01-95 Account: 6613.1

03AA General Administration - Product Advertising

Effective Date: 04-01-95 Account: 6613.1

03EE Support - Product Advertising

Effective Date: 04-01-95 Account: 6613.1

05XX External Relations

0510 External Relations

Effective Date: 04-01-95 Account: 6722.1

Activities associated with maintaining relations with government, regulators, other companies and the general public

0518 Basic Office Services - External Relations

Effective Date: 04-01-95 Account: 6722.1

0519 Direct Supervision - External Relations

Effective Date: 04-01-95 Account: 6722.1

05AA General Administration - External Relations

Effective Date: 04-01-95 Account: 6722.1

05EE Support - External Relations

Effective Date: 04-01-95 Account: 6722.1

CFL 2
CONFIDENTIAL: Subject to restrictions on first page

BEFORE THE

PUBLIC UTILITY COMMISSION OF OHIO

In the matter of the Review of SBC Ohio's)	
TELRIC Costs for Unbundled Network)	Case No. 02-1280-TP-UNC
Elements)	
)	

TESTIMONY OF MICHAEL STARKEY

EXHIBIT ___ (MS-4)

Modified Shared & Common Cost Analysis

This Exhibit is Considered Confidential Pursuant to the Protective Order in Case No. 02-1280-TP-UNC – Filed Under Seal. It is Available Only in the Confidential Version of this Filing

	Shar	red & Comn	Shared & Common Cost Study						
Note Company Note		ð	io						
Name		2004-200	07	2004-2007					
Marcine Source	44	Acres		Study					
Control Cont	Number Description	Number		\$(000)					
Part					POINT	CLECS RECOMMENDED	ADJUSTNENTS - CU	JANULATIVE MPACE	
DINTERPORT OF COMMON COSTS Total Control of Costs of					(j) eso	Ome (2)	(2)	(y)	(5)
DUIT APPLIED TO COMMON COSTS Fig. 1					EMBEDDED DIRECT COST DENOMINATOR BROUGHT TO CURRENT VALUE	EMBEDDED DIRECT COST DENOMINATOR BROUGHT TO CURRENT VALUE & USING CLEC CAPITAL COST FACTORS			REDUCE MARKETING COSTS AND ELIMINATE WHOLESALE PRODUCT ADVERTISING
Part			AREA IMPACTED BY ADJUSTMENT		COMMON & SHARED	COMMON & SHARED	соммон	COMMON	SHARED
Strict Text Text Text Strict	AVOIDED COST DISCOUNT APPLIED TO COMMON COST	25						21.45%	21.45%
Fig. 2	COMMON COST FACTOR								
6712 1 a 3 C - C - C - C - C - C - C - C - C - C									
Columnia	Numerator (Total Common Cost)	6711	Tab 3 - Calculations (SBC) 148 Col N	£4 178	871.73	\$4 178	87178	\$3.282	\$3 282
Fig. 20	2 Plansing	6712	Tab 3 - Calculations (SBC), L149, Col. N	\$5	2	\$5	\$5	2	2
Fig. 2	3 Accounting and Finance	6721	Tab 3 - Calculations (SBC), L153, Col N	\$24,040	\$24,040	\$24,040	\$24,040	\$18,883	\$18,883
STATE Tab 3 - Calculations (SSC), L155, Col N \$530,086 \$50	4 External Relations	6722	Tab 3 - Calculations (SBC), L154, Col N	\$12,582	\$12,582	\$12,582	\$12,514	\$9,830	\$9,830
Fig. 2	5 Human Resources	6723	Tab 3 - Calculations (SBC), L155, Col N	\$38,112	\$38,112	\$38,112	\$38,112	\$29,937	\$29,937
Fig. 2016 Fig.	6 information Management	6724	Tab 3 - Calculations (SBC), L136, Col N	\$30,086	\$30,000	\$30,060			\$23,633
Second	7 Legal	6778	Tab 3 - Calculations (SBC), L157, Col. N	\$2.239	\$2,239				\$1,759
Tab 3 - Calculations (SBC) L160, Col N \$59,446 \$59,446 \$59,344 \$56,339 \$56	9 Research & Development	6727	Tab 3 - Calculations (SBC), L159, Col N	\$2,523	\$2,523		\$2,523		\$1,962
Tab 3 - Calculations (SBC), L170, Col N \$1269, 440 \$260, 278 \$260, 278 \$260, 239 \$260, 230 \$260, 239 \$260, 239 \$260, 239 \$260, 239 \$260, 239 \$260, 239 \$260, 239 \$260, 239 \$260, 230 \$260, 230 \$260, 230 \$260, 230 \$260, 230 \$260, 230 \$260, 230 \$260, 230 \$260, 230 \$260, 230 \$260, 230 \$260, 230 \$260, 230	10 Other General & Administrative (Adjusted)	6728	Tab 3 - Calculations (SBC), L160, Col N		\$59,446		(\$6,891)		(\$5,413)
Tab 2 - Calculations (SBC) L170 Col N \$519	11 Mainframe Computer and Support Asset Costs		Tab 3 - Carculations (SBC), L26 + Tab 3 - Carculations (SBC), L71	1	\$20,273		-	\$176.486	\$176 ARR
Tab 3 - Calculations (3BC), L171, Col N \$19210 \$192	12 Total Executive, Planning, G & A	nhoi	Tab 3 - Calculations (SBC) L170 Col N	\$519	\$535			\$591	\$591
Triffation Tab 3 - Calculations (SBC), L165 Cot M \$1.366,159 \$1.160,386	14 Transitional Benefits Obligation (TBO)	17.	Tab 3 - Calculations (SBC), L171, Col N	\$19,210	\$19,210	\$19,210		\$0	\$0
Tab 2 - Inputs (SBC), L105	15 Total Cost (Excluding Inflation.)		Sum Lns. 12, 14	\$289,178	\$289,193	\$287,310		\$177.078	\$177.079
The continuence Tab 3 - Calculations St. 150 St.	16 inflation Rate		Tab 2 - Inputs (SBC), L105	1 0696	1,0690	1,0696		1 0690	1 0696
Tab 3 - Calculations (SBC), L58, Cot M \$1.356, 159 \$1.356, 159 \$1.160, 386 \$	17 Total Common Cost		712-718	\$309,304	126,8064	100,1004	3613,133	202,404	\$109,403
180 180	Denominator (Total Direct Cost)		Tab 3 - Calculations (SBC) L58 Col M	\$1.356.159	\$1.802.876	\$1,160,386	\$1,160,386	\$1,160,386	\$1,160,385
Interacting Expenses Control ST (2012) 683 \$1,537,426 \$1,623,427 \$1,923,422 \$1,923,423 \$1,923,423 \$1,923,423 \$1,923,423 \$1,923,423 \$1,923,423 \$1,923,423 \$1,923,423 \$1,923,423 \$1,923,423 \$1,923,423 \$1,923,423 \$1,923,423 \$1,923,423 \$1,923,423 <	(8 TOTAL YEARTH TO SERVICE 1713 - Ultima ITMESUTERIA COMA		Tab 3 - Calculations (SRC) 1169 Col M	\$706.824	\$769 620	\$763.035	\$763 035	\$787.652	\$787.652
Find 3 - Calculations (SBC), L170. Col M \$104.976 \$143,785 \$144,785	19 Total Operating Expenses - Direct Costs		118 + L19	\$2,062,983	\$2,572,496	\$1,923,421			\$1,948,037
Excluding inflation L20 + L21 L21 + L21 L21 + L21 L22 + L23 L23 + L21 L24 + L23 L24 + L24 L24 + L24 + L24 + L24 L24 + L24	21 Ad Valorem Taxes & Commission Assessment (Direct only)		Tab 3 - Calculations (SBC), L179, Col M	\$104,976	\$143,840	\$143,785		\$143,785	\$143,785
Ine Tab 2 - Inputs (SBC), L105 1,0696	22 Total Cost (Excluding Inflation)		120 + 121	\$2,167,959	\$2,716,336	\$2,067,206	\$2.0	\$2,09	\$2,091,822
Cost 1.22 · 1.23 1.23 1.23 1.23 1.23 1.23 1.23 1.23	23 Inflation Rate		Tab 2 - Inputs (SBC), L105	1.0696	1,0696	1 0696	10		1,0696
13.34% 13.80% 13.80% 13.80% 13.80% 13.80% 13.80%	24 Total Direct Cost		122 - 123	\$2,318,849	\$2,905,393	\$2,211,083		\$2,237,414	\$2,237,413
1334% 10.88% 13.80% 12.80% 1.05% 1.0	Common Cost Factor								
	25 Common Cost Factor		1177124	13.34%	10.65%				LUX

Line Number Description Number Description Number Description Number Description Number Description	Ohio 2004-2007 Account Number		2004-2007					
IT DISCOUNT APPLIED TO COMMON COSTS	Account		2004-2007					
IT DISCOUNT APPLIED TO COMMON COSTS	Account							
AVOIDED COST DISCOUNT APPLIED TO COMMON COSTS		Source	Shury \$(000)					
AVOIDED COST DISCOUNT APPLED TO COMMON COSTS					CONT. C. BELL C. STURMENT A. D. COMMERCED CO. D. S. C. D.	ADDISCUSSION OF COLUMN	TAGE STATE	
AVOIDED COST DISCOUNT APPLIED TO COMMON COSTS				(I)	ca== (Z)	(2)	(p)	(5)
AVOIDED COST DISCOUNT APPLIED TO COMMON COSTS				EMBEDDED DIRECT COST DENOMINATOR BROUGHT TO CURRENT VALUE	EMBEDDED DIRECT COST DENOMINATOR BROUGHT TO CURRENT VALUE A USING CLEC CAPITAL COST FACTORS	TBO / PENSION SETTLEMENT GAIN / OSS TESTING & DISALLOWED COST ADJUSTMENTS	AVOIDED WHOLESALE COST DISCOUNT ADJUSTMENT	REDUCE MARKETING COSTS AND ELIMINATE WHOLESALE PRODUCT ADVERTISING
AVOIDED COST DISCOUNT APPLIED TO COMMON COSTS		AREA IMPACTED BY ADJUSTMENT	0	COMMON & SHARED	COMMON & SHARED	соммон	соммон	SHARED
euseen chet tafftop							21.45%	21.45%
SHARED COST FACTOR								
Numerator (Wholesale Shared Costs) 26 Total Marketing	6610	Tab 3 - Calculations (SBC), L137, Col L	\$119,717	\$119,717	\$119,717	51.5	\$119,717	\$113,605
27 Wholesale Marketing Percentage			523%	\$ 23%	\$ 23%		5.23%	5.23%
28 UNE Revenue as a % of Wholesale Revenue (see Tab: Wholesale Revenue by 29 Wholesale / UNE Marketing Cost	Poiesale Revenu	ue by Service) L26 • L27	\$6,265	\$6,265	\$6,265	\$6,265	\$6,265	\$1,282
30 Total Uncollectibles 5:	5301/5302	Tab 3	\$61,015	\$61,015	\$61,015		\$61,015	\$61,015
31 Wholesale Uncollectible Percentage			11.42%	11.42%	11.42%	11 42%	11.42%	11.42%
32 UNE Revenue as a 3, of Wholesale Revenue (see Tabl. Wholesale / UNE Uncollectible Cost	Wholesale Revenue Ily	L30 *L31	\$6,966	996'98	996 95	996'9\$	996'98	996'95
34 Wholesale Marketing and Uncollectibles		££1.621	\$13,232	\$13,232	5	5	\$13,232	\$8,248
35 Inflation Rate 36 Inflated Wholesale Marketing and Uncollectibles		Tato 2 - Inputs (SBC), L 105 L34 * L35	\$14,152	1,0696	1,0696	\$14,152	\$14,152	1,0696
Denominator (Wholesale Direct Costs)		2	020 187 050	W 114 116	20 000 300	20,120,03	£3 /01 833	Co not and
34 Minuseule Direct Cost Percentage		Tab 2 - Inputs (SBC) L227	6.90%	6.90%			6.90%	6 90%
39 Wholesale Direct Costs (Excluding Inflation)		137.138	\$149,671	\$187,530	\$17	\$	\$144,415	\$144,415
40 Inflation Rate		Tab 2 - Inputs (SBC), L105	1.0696	1 0696	1 0696	1,0696	1,0696	1,0696
4) Wholesale Direct Costs		C34 L40	900,000	790,0024	9135,040	9134,040	909,400	9104,400
Adjusted Wholesale Denominator - UNE Revenue								
Shared Cost Factor		PA. 15 SEC.	9100	100	200	Oak S	777.9	The state of
75 Strated Cost rector							7	
SHARED & COMMON COST FACTOR		25.42	25 486					
44 Shared & Common Cost Fector (sequential)				NEASY	24.48%	19.83%	707.60%	14.66%
Note May not add due to rounding								

	Ohio	Oi.						
	2004-2007	25	2004 3007					
	1		7002-5007					
Number Description	Number	Source	\$(000)					
							ST. OF THE	
				THIOL	CLECS RECOMMEN	DED ADJUSTMEN	JOHT CLECS RECOMMENDED ADJUSTMENTS - CUMULATIVE IMPACT	PACT
				- (5)	(I)	(8)	1 (8)	(01)
				REDUCE WHOLESALE	CHANGE SHARED COST DENOMINATOR TO UNE REVENUE	AFTER REMOVING NON- REGULATED AMOUNTS	ADJUSTMENT OF AD VALOREM TAXES USING INVESTMENT AT CURRENT COST	AFTER INCORPORATING OHIO PORTION OF SUPPORT ASSET COSTS RECOVERED THROUGH NRC AND ACF STUDIES
		AREA IMPACTED BY ADJUSTMENT		SHARED	SHARED	COMMON & SHARED	COMMON & SHARED	COMMON
AVOIDED COST DISCOUNT APPLIED TO COMMON COSTS	STS			21.45%	21.45%	21.45%	21.45%	21.45%
COMMON COST FACTOR								
Numerator (Total Common Cost)	6711	Tab 3 - Calculations (SBC) L148. Col N	\$4.178	\$3.282	\$3.282	\$2.866	\$2 866	\$2.866
2 Planning	6712	Tab 3 - Calculations (SBC), L149, Col. N	\$5	2		23		2
3 Accounting and Finance	6721	Tab 3 - Calculations (SBC), L153, Col. N.	\$24,040	\$18,883	\$18,883	\$16,491		\$16,491
4 External Relations	6722	Tab 3 - Calculations (SBC), L154, Col. N	\$12,582	\$9,830				\$8,585
5 Human Resources	6723	Tab 3 - Calculations (SBC), L155, Col. N	\$38,112	\$29,937	\$29,937	526,143	\$26,143	\$26,143
7 Incompation Management	6775	Tab 3 - Calculations (SBC) L150, Col N	\$7,959	\$6.252				\$5.460
8 Procuement	6726	Tab 3 - Calculations (SBC), L158, Col. N	\$2,239	\$1,759		\$1,536		\$1,536
9 Research & Development	6727	Tab 3 - Calculations (SBC), L159, Col. N	\$2,523	\$1,982				\$1,731
10 Other General & Administrative (Adjusted)	6728	Tab 3 - Calculations (SBC), L160, Col. N	\$59,446	(\$5,413)	(\$5,413)	(54,726)	(\$4,726)	(\$4,726)
12 Total Executive Planning G.A.A.		Sum Line 1 11	"	\$176.488	-	\$156.699		\$249.970
13 Ad Valorem Taxes & Commission Assessment (Common Only)	Oniv)	Tab 3 - Calculations (SBC), L170, Col N	\$519	1858	\$591	\$554		\$5,089
14 Transitional Benefits Obligation (TBO)		Tab 3 - Calculations (SBC), L171, Col. N	\$19,210	0\$	\$0	\$0		03
15 Total Cost (Excluding Inflation)		Sum Lms 12 .14	\$289,178	\$177,079	\$1	51	\$15	\$255,059
16 Inflation Rate		Tab 2 - Inputs (SBC), L105	1 0696	1.0696				1,0696
17 Total Common Cost		917.517	\$309,304	\$169,403	\$189,403	\$166,198	\$158,059	\$272,811
Denominator (Total Direct Cost)		7 10 031 0000		100	100 000		********	***
18 Total Plant in Service (1715) - Direct Investment Costs		Table Calculations (SDC), LSG Col M	801,000,14	636,363	41,100,363	21,143,043		1/00/05/14
20 TDIS & Onerating Expenses - Direct Costs		180 3 - Carcumanoria (300 / 102) Col M	\$2 062 983	\$1 948 037	\$1 948 037	\$1 849 889	-	\$1.757.075
21 Ad Valorem Taxes & Commission Assessment (Direct only	(×	Tab 3 - Calculations (SBC), L170, Col. M.	\$104.976	\$143,785		\$141,664		\$103,805
22 Total Cost (Excluding Inflation)	-	120 • 121	\$2,167,959	\$2,091,822		\$1,991,552		\$1,860,880
23 Inflation Rate		Tab 2 - Inputs (SBC), L105	1.0696	1.0696		0	10	1.0696
24 Total Direct Cost		122.123	\$2,318,849	\$2,237,413	\$2,237,413	\$2,130,165	\$2,094,659	\$1,990,397
Common Cost Factor								
25 Common Cost Factor		117/124	13.34%	S. C.	6475	7.90%	8.02×	13.71%

Sha	Shared & Common Co	Cost Study						
	Ohio 2004-2007							
			2004-2007					
Line Number Description	Account	Source	Study					
				No. of the last	E 15 15 15 15 15 15 15 15 15 15 15 15 15	THE STATE OF	18 J. 18 S.	STATE OF THE PARTY OF
					CHECK RECOMMEN	INFO ADJUSTMENT	DONT OF CARPONIES AD LISTMENTS - CHAIR ATTY: MPACT	
				casa (5)	(I)	C=== (E)	- (a)	(10)
				REDUCE WHOLESALE UNCOLLECTBLES	CHANGE SHARED COST DENOMINATOR TO UNE REYENUE	AFTER REMOVING NON- REGULATED AMOUNTS	ADJUSTMENT OF AD VALOREM TAXES USING INVESTMENT AT CURRENT COST	AFTER INCORPORATING OHIO PORTION OF SUPPORT ASSET COSTS RECOVERED THROUGH NRC AND ACF STUDIES
		AREA MPACTED BY ADJUSTMENT		SHARED	SHARED	COMMON & SHARED	COMMON & SHARED	COMMON
AVOIDED COST DISCOUNT APPLIED TO COMMON COSTS				21.45%	21.45%	21.45%	21.45%	21.45%
SHARED COST FACTOR								
Numerator (Wholesale Shared Costs) 26 Total Markeline Decreations 27 Wholesale Markeline Percentane	0630	Tab 3 - Catourations (SBC) L137, Col L Tab 2 - Incare (SBC) 1236	\$119,717	\$113,605	\$113,605	\$113,610	\$113,610	\$113,610
ale Revenue (see Tab:	Wholesale Revenue by	Service		21.56%	21.56%		21.56%	21.56%
29 Wholesale / UNE Marketing Cost		126-127	\$6,265	\$1,282	\$1,282		\$1,282	\$1,282
30 Total Uncollectibles	5301/5302	Tab 3 - Calculations (SBC) L172, Col L	\$61,015	\$61,015	\$61,015	\$10,15	\$10,13	\$61,015
31 Wholesale Uncollectible Percentage	Mindiania Rementa ha	Tab 2 - Inputs (SBC), L241	11.42%	21 42%			11 42%	21 66%
33 Wholesale / UNE Uncollectible Cost			\$6,96	\$1,502	\$1,502	\$1,502	\$1,502	\$1,502
34 Wholesale Marketing and Uncollectibles		129+133	\$13,232	\$2,784	\$2,784		\$2,784	\$2,784
35 Inflation Rate 36 Inflated Wholesale Marketing and Uncollectibles		Tab 2 - Inputs (SBC), L105 L34 *L35	\$14,152	1,0696	1.0696	1,0696	1,0696	1.0696
Denominator (Wholesale Direct Costs)		W)		0.00 0.000				
37 Total Direct Cost Parrantage 38 Wholestale Direct Cost Parrantage		Tab 2 - Incade (SBC) 1227	200, 101, 24 200%	7,08180,54	N/A	Z/Z	N/A	N.A.
39 Wholesale Direct Costs (Excluding Inflation)		137.138	\$149,671	\$144,415	N/A	N/A	NA	NA
40 Inflation Rate 41 Wholesale Direct Costs		Tab 2 - Inputs (SBC), L105 L39 * L40	\$160,088	\$154,466	N/A	N/A N/A	NA	N/A N/A
Adjusted Wholesale Denominator - UNE Revenue					\$134,180	\$134,180	\$134,180	\$134,180
Shared Cost Factor								
42 Shared Cost Factor		136/141	2.48.6	NO. OF THE PARTY NAMED IN	127.5	1274	Sur Constitution	The state of the s
SHARED & COMMON COST FACTOR		123+142	22 185					
				X25.01	10.87%	16.29×	757.01	NEST.
Note May not add due to tounding								

HIGHLY SENSITIVE CONFIDENTIAL

1				2004-2007 IMPUTS (\$000)	Source accounts 60000 Fleet with OH 2002 ACF				Source OH 2002 ACF	Source, 2001/2002 Gt, Fland 2002, ACF, APAMIS	Filed with Ort
11.1		u	e .	Envestments are Averaged (K+L)(2	. 1	CAPCS		Wages & Sa		A breatment true	(\$000s)
10 10 10 10 10 10 10 10	Appt 8	Description	Source-Col.E	2002 Balance	TBO		Salaries	A of Acci	Kallo		17 71
10.00 10.0	2117	MOTOR VEHICLES	ARMIS	877.083		19.62%			1.0354		85.5
1.00 1.00	71.7	R WORK EQUIPMENT EXPE	ARMIS	163,891		16.29%			10411		2 2
13.5 Control Contr	2121	BUILDINGS	ARMIS	101.00		W 22.00			1.4556		2.5
17.20 17.2	7422	CLEANTURE CREICE FOLIBRIENT	ARMIS	\$6.780		18.83%			1.0324		8.4
	2124	GENERAL PURPOSE COMPUTERS	ARMIS	\$73,004		24.73%			0.2717		51.10
131 0.001 ALLECTOR 0.000	2211	ANALOG ELECTRONIC SWITCHING	APAMIS	\$6,657					2000		*
10.000 1	2222	DIGITAL ELECTRONIC SWITCHING	ARMIS	\$1,539,482	6.5	17 90%			1 1601		18.81
12.21.17.17.18.18.18.18.18.18.2.2.2.2.2.2.2.2.2.2.2	2220	DAPAN SYSTEMS	Caracal Labor	12,000		22.25%			1.0245		
12.22.22 COUNTY COU	2231 675	RADIO SYSTEMS OTHER RADIO FACILITIES	General Ledger	\$6.482		22,25%			1 0245		5.738
2007.00 Control Colombic Control Colombic Colom	ľ.	DIGITAL CIRCUIT EQUIPMENT	General Ledge	\$15,948	-	22.29%			10.00		2.61
13.25 AMACO CLUE (EXPANE) AMACO ENTRE (DIGITAL CHICUIT EQUIPMENT	Constant and	K1 010 158	1 3	19 00%			0.9713		1.023.4
2011 2017 2018		ANALOG CIRCUIT EQUIPMENT	General Ledge	\$70,783		A1 113.6			1.0179		70.2
		STATION APPARATUS	ARMIS	11,597						1 1851	5
10.00 10.0		CUSTOMER PREMISES WIRING	ARMIS	24.5					1,0000		
2012 Control		CANGE PROVATE BRANCH EXCHANGES	ARMIS	S 25.8		22 83%			11244		20.9
15 15 15 15 15 15 15 15		OTHER TERMINAL EQUIPMENT	ARMIS	\$11.284		28.25%			0.9770		11.2
		POLES	ARMIS	\$136,560		15.22%			2 996.		983
		AERIAL CABLE NOW-WETALLIC	General Ledge	153,353		21751			27.7		788.0
	2421220	AERIAL CABLE - METALLIC	Carraria Langer	\$188.012		1541%			1.0800		120
March Marc	2422.50	UNDERGROUND CABLE : METALLIC	Converse Language	\$27,163		16.90			1,8811		236.4
State Stat	2423.845C	BURBED CABLE - NON-METALLIC	General Ledger	\$111,442	-	217.51			1034		112.8
	2422450	BURRED CABLE - METALLIC	Corners Language	200,0400	riot	200			44125		
25 ct 25 c	2424 80	SUBMARINE CABLE - MCTALLIC	Constal Ledge	1					4.4125		•
1,000 1,00	2426.462C	INTRABULDING NETWORK CABLE - NON-METALLIC	Consers Langer	608.95		¥15.61			1034		8 8
1447 20-0001 FSTERUM 24415 244	2426.4420	NG NETWORK CABLE - METALL	Cenera Ledge	\$92,223		18.01			1 0000		
2000 100	341	CONDUIT SYSTEMS	ARMIS	\$548,729		13.75%			2.2479		188.7
2000 TOTAL TERRE REPENUE Sant (1 LA) \$13,448 \$13,448 5000 UNCOLLECTIBLE OTHER Adwiss \$17,448 \$17,448 \$17,448 5100 UNCOLLECTIBLE OTHER Adwiss \$17,44 \$17,448 \$17,448 611 AMOTOR PER WORK COUNTERFY Adwiss \$17,74 \$17,74 612 AMOTOR PER WORK COUNTERFY Adwiss \$17,74 \$17,74 612 AMO BULLIANG EPENSES Adwiss \$16,75 \$16,75 612 AMO BULLIANG EPENSES Adwiss \$16,77 612 AMOTOR ELECTROWE EPENSES Adwiss \$10,77 612 AMOTOR ELECTROWE EPENSES Adwiss \$10,77 612 AMOTOR ELECTROWE EPENSES Adwiss \$10,77 612	2890	INTANGIBLE ASSETS	APMIS	F11.174		** CD **			1 2000		000
5301 WACALLECTRIEL FREVENUE ANNIORIS PREVENUE ANNIOR VEGUENCE ANNIOR VEGUE	2000	TOTAL TPIS	Sum (1 Lit	\$7,916,969	27.23						
MICHAEL ED FORESES AGRIC SELECTION	5301	UNCOLLECTIBLE REVENUE	ADMIS	2007 CA							
61.1 TOOLS AND BULLIANGE DEPENSES APARIS 187.4 61.2 LAND AND BULLIANGE DEPENSES APARIS 18.77 61.2 CHENTER DUTINGE DEPENSES APARIS 18.6 Mit 61.2 CHENTER DUTINGE DEPENSES APARIS 18.6 Mit 61.2 CHENTER DUTINGE DEPENSES APARIS 18.77 61.2 CHENTER DUTINGE DEPENSES APARIS 18.77 61.2 DUTINAL ELECTROME DEPENSES APARIS 18.77 61.2 DUTINAL ELECTROME DEPENSES APARIS 18.07 61.2 APLOR DEPENSES APARIS 18.07 61.2 APLOR DEPENSES APARIS 18.07 61.2 APLOR DEPENSES APARIS	8112	MOTOR VEHICLE EXPENSES	ARMIS	M.T.M.							
6121 LAMID AND DEPOSE SERVINES ARMIS \$612.00 6121 LAMID AND DEPOSE SERVINES ARMIS \$612.00 6123 OFFICE ELOTROME DEPOSES ARMIS \$16.00 6121 CREMAL PURPOSE COMPUTERS ARMIS \$16.00 6121 CREMAL PURPOSES COMPUTERS ARMIS \$16.00 6212 DIGITAL ELECTROME DEPOSES ARMIS \$16.00 6212 DIGITAL ELECTROME DEPOSES ARMIS \$16.00 6212 DIGITAL ELECTROME DEPOSES ARMIS \$16.00 6213 CREDITORIA ELECTROME DEPOSES ARMIS \$16.00 6214 DIGITAL ELICHROME DEPOSES ARMIS \$16.00 6212 DIGITAL ELICHROME DEPOSES ARMIS \$16.00 6213 GIRCULT ELICHROME DEPOSES ARMIS \$16.00 6214 ARMIS ELICHROME DEPOSES ARMIS \$17.00 6215 ARMIS ELICHROME DEPOSES ARMIS \$17.71 6214 ARMIS ELICHROME DEPOSES ARMIS \$17.71 6215 ARMIS ELICHROME DEPOSES <td< td=""><td>6114</td><td>PMENT EXPE</td><td>APMIS</td><td>¥734</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	6114	PMENT EXPE	APMIS	¥734							
		LAND AND BUILDING EXPENSES	ARMIS	238.270							
61.24 GENERAL PARPOSE COMPUTERS EXPENSES APAIS SHE DOT 10.21 ANALOG ELECTROANCE DEPENSES APAIS SHE DEPENSES 10.22 GENERAL GENERAL STATES APAIS SHE DEPENSES APAIS		SURNITURE AND ARTWORKS EXPENSES	ARMIS	\$16.696							
Administration	6124	CENERAL PURPOSE COMPUTERS EXPENSES	ARMIS	\$88,000							
BECTTO-WED-ED-MESS	R211	ANALOG ELECTRONIC EXPENSES	ARMIS	2772	-						
62.12 STEATING-COMMUNICATION CONTROLLED STATEMENTS ANNONS NAME P.D. 62.22 STATEME EXPENSES ANNONS P.D.		DIGITAL ELECTRONIC EXPENSES	ARMIS	\$40.076	21,648						
RATE		CLECTRO-MECHANICAL EXPENSES	ARMIS	a u							
A PARIS PA	1623	RADIO SYSTEMS EXPENSES	ARMIS	280							
STATE STAT			ARMIS	\$6,315							
State Angelone Expenses Angelone Expenses Angelone Expenses Angelone Expenses E			ARMIS	22,008 10,407							
6531 PABLOT TELEPHONE TERMINAL EQUIPMENT EXPENSES ARMIS 11 / NO 6637 OTHER TERMINAL EQUIPMENT EXPENSES ARMIS 11 / NO 6421 POLE EXPENSES ARMIS 14 / MS 6422 ACBALL ALPER EXPENSES ARMIS 15 / MS 6423 BUIRED CARLE EXPENSES ARMIS 15 / MS 6424 BUIRED CARLE EXPENSES ARMIS 15 / MS 6423 BUIRED CARLE EXPENSES ARMIS 15 / MS 6424 BUIRED CARLE EXPENSES ARMIS 15 / MS 6425 MITABALLI DAG ARE TORNES ARMIS 15 / MS 643 MITABALLI DAG ARE TORNES ARMIS 17 / MS 644 ACENAL TORNES ARMIS 17 / MS 643 MITABALLI DAG ARE TORNES ARMIS 17 / MS 644 ACENAL TORNES ARMIS 17 / MS 645 ACENAL TORNES ARMIS 17 / MS 641 ACENAL TORNES ARMIS 17 / MS 643 ACENAL TORNES ARMIS 17 / MS <tr< td=""><td></td><td>STATION APPARATUS EXPENSES</td><td>ARMIS</td><td>36</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr<>		STATION APPARATUS EXPENSES	ARMIS	36							
EXX OTHER PERMISH, EQUIPMENT EXPENSES Admis \$57.70 6417 OTHER PERMISH, EQUIPMENT EXPENSES Admis \$47.70 6421 ACRIAL, CARE EXPENSES Admis \$47.02 6421 MARCHER, EXPENSES Admis \$53.00 6421 MARCHER, EXPENSES Admis \$53.00 6423 SUBAMARIC CARE, EXPENSES Admis \$50.00 6424 SUBAMARIC CARE, EXPENSES Admis \$50.00 6425 SUBAMARIC CARE, EXPENSES Admis \$50.00 6421 ACRIAL, MINE EXPENSES Admis \$17.74 6431 ACRIAL, MINE EXPENSES Admis \$17.74 6441 ACRIAL, MINE EXPENSES Admis \$17.74 6441 ACRIAL, MINE EXPENSES Admis \$17.74 6441 ACRIAL, MINE EXPENSES Admis \$12.70 6441 ACRIAL, MINE EXPENSES ACRIAL \$12.70 6441 ACRIAL, MINE EXPENSES ACRIAL \$12.70 6441 ACRIAL, MINE EXPENSES ACRIAL \$12.70<			ARMIS	\$1,760							
6411 POJE EDPERAGES ARMINS \$7.450 6421 MUSERGOLAGUE EDPERAGES ARMINS \$79.342 6422 MUSERGOLAGUE EDPERAGES ARMINS \$21.021 6423 BURBED CABLE EDPERAGES ARMINS \$21.021 6424 BURBED CABLE EDPERAGES ARMINS \$23.000 6425 BURPED CABLE EDPERAGES ARMINS \$17.78 6426 MUTABALLUCHA ELEPORTOR ARMINS \$17.78 6431 ARMINS ARMINS \$17.78 6431 ARMINS ARMINS \$2.30 6431 ARMINS \$2.30 6441 ARMINS \$2.30 6451 ARMINS \$2.30 6451 ARMINS \$2.30 6451 ARMINS \$2.13 6452 ARMINS \$4.13 6453 <			ARMIS	\$28.77							
6421 ACRAM, CARREL EDPENSES ARANIS \$73,722 6422 MCRINAL EDPENSES ARANIS \$71,071 6423 BURED CARLE EDPENSES ARANIS \$53,000 6424 SUBMARINE CARLE EDPENSES ARANIS \$53,000 6423 SUBMARINE CARLE EDPENSES ARANIS \$50 6424 MCFF SAC ALREL EDPENSES ARANIS \$50 6427 MCFF SAC ALREL EDPENSES ARANIS \$50 643 MCFRANK NROE EDPENSES ARANIS \$17.78 644 MCFRANK NROE EDPENSES ARANIS \$17.78 643 MCFRANK NROE EDPENSES ARANIS \$17.78 644 MCFRANK NROE EDPENSES ARANIS \$17.78 643 MCFRANK NROE EDPENSES ARANIS \$12.73 643 MCFRANK SUPPLINGE ARANIS \$12.77 643 MCFRANK SUPPLINGE ARANIS \$12.77 644 MCFRANK SUPPLINGE ARANIS \$12.77 645 MCFRANK SUPPLINGE ARANIS \$12.77		POLE EXPENSES	ARMIS	ACE: N	26.175						
MAZZ MUSERIOLOGUE EXPENSES AGMIN FAZZ		AFRIAL CABLE EXPENSES	ANAMIS	100 HCB							
6423 SLBAMARNE CARLE EXPENSES APAINS EX 6425 PLEES SEA CALOLLE EXPENSES APAINS EX 6426 PRESIDENTIAL DAGLE EXPENSES APAINS EX 6437 MARIAL DAGLE EXPENSES APAINS EX 6447 MARIAL DAGLE EXPENSES APAINS EX 6441 CONOUTS SYSTEMS EXPENSES APAINS EX 6441 PROVESTOWN SYSTEMS EXPENSES APAINS EX 6431 PROVESTOWN SYSTEMS EXPENSES APAINS EX 643 PROVESTOWN SYSTEMS EXPENSES APAINS EX 643 PROVESTOWN SYSTEMS EXPENSES APAINS EX 643 PROVESTOWN SYSTEMS EXPENSES APAINS EX		RUBED CARLE EXPENSES	ARMIS	\$53,620							
6425 DEEP SEA CALELE EXPENSES ARMINS BD 6437 INTRABULDHOCH REPUBBLICATION CARLE EXPENSES ARMINS 11,778 6437 ACRIAL UNDEC EXPENSES ARMINS 15,736 6441 ACRIAL STEWE EXPENSES ARMINS 12,236 6641 PROPERSIONAL EXPENSES ARMINS 15,128 6631 PROPERSIONAL EXPENSES ARMINS 15,128 6331 PROFENSES ARMINS 15,128 6331 PROFENSES ARMINS 15,128 6433 PROFENSES ARMINS 15,128 6433 PROFENSES ARMINS 15,128 6434 PROFENSES ARMINS 15,128 6434 PROFENSES ARMINS 15,128 6433 PROFENSES ARMINS 14,782		SUBMARINE CABLE EXPENSES	ARMIS	*							
MTRABLULAND NETWORK CABLE EXPENSES ARMIS \$1,718		DEEP SEA CABLE EXPENSES	ARMIS								
MATHER, WITHER EXPENSES MARKES \$1,200		INTRABULDING NETWORK CABLE EXPENSES	APAIIS	11.778							
6611 PROPERTY HELD FOR LITURE TELECOM USE EXPENSES AdMIS \$0 6817 PROVINCIANOM DEPENSES ARMIS \$1,23 6817 PROVINCIANOM EXPENSES ARMIS \$1,270 6827 PETYDRO KAMINISTRATION EXPENSES ARMIS \$1,270 6837 PETYDRO KAMINISTRATION EXPENSES ARMIS \$47, MAZ 6837 PETYDRO KAMINISTRATION EXPENSES ARMIS \$47, MAZ		COMPLET SYSTEMS FXPENSES	ARMIS	20.73							
66.12 PROVISIONALE DEPENDES FARMS 18.128 63.1 POWER EXPENDES 11.2793 63.2 PETWOR EXPENDES Admis 11.2793 63.2 PETWOR EXPENDES Admis 14.782 63.3 TESTING EXPENDES Admis 14.782 64.7 M.2 Admis 14.782		PROPERTY HELD FOR FUTURE TELECOM USE EXPENSES	ARMIS	24							
83.1 FOWER LOUNDSTRATION EXPENSES ARMIS 19822 83.3 TESTING EXPENSES ARMIS 197.82		PROVISIONING EXPENSES	ARMIS	\$5,128							
6533 TESTING EXPENSES AND THE STATE OF THE S		POWER EXPENSES	ADMIS	59 607							
	6633	TESTING EXPENSES	ARMIS	Z 2							

17 \$10,865 APRINES ENGINEERING EXPENSES ACCESS EXPENSES 77 8540

10 10 10 10 10 10 10 10	THE FOR CAPICS Such as the To the "Health" Till of the "CH 2002 ACE 2004-01-14 cen" the provide as part of the ACE development. A B C D		9	a v	3	_		×	-	-
March Marc							CAPCS	Wages &	Wages & Sal	CCASC
Seed Control	3	Acct 8	Description	Source-Col.E	2002 Balance	180	Factors	Salaries	N of Acct	Ratio
Second Control of Co	2	1989	DEPRECIATION - TELECOM PLANT IN SERVICE	ARMIS	\$508,608					
March Marc	2	2962	DEPRECIATION - PROP HELD FOR FUTURE TELECOM USE	ARMES	a					
1995 AUSTRALING CONTROL CO	Ľ	6883	AMORTIZATION EXPENSE - TANGIBLE	ARMIS	2465					
1982 1982	26	1888	AMORTIZATION EXPENSE - INTANGIBLE	ARMIS	\$17,793					
State Automatic Control Automatic Contro	4	8585	AMORTIZATION EXPENSE: OTHER	ARMIS	\$1.573					
March Marc	78	1198	PRODUCT MANAGEMENT	APPARTS	116.51			2		
March Proposed P	2	5612	SALES	APMIS	\$67,125	100		\$1,811		
March Marc	2	6613	PRODUCT ADVERTISING	ARMIS	28 112			2		
State CALL COLUMN CALL C	ä	6610	TOTAL MARKETING EXPENSES	Sum L78 L80	\$119,748	103		\$1,811	1.51%	
622 CASTONERS SERVICES APARES 119,141 1319 141,450 1	ũ	1239	CALL COMPLETION SERVICES	APARTS	\$5.942	1143		\$2510	48 79%	
### SECURIOR REPORTS ANALYS 118.3 N. 180 18.544 3 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5	2	6622	NUMBER SERVICES	APMIS	\$19,741	8376		\$14.963	75 80%	
### SECURPLE CONTRIBUTION AND ENGAGE AND	2	6623	CUSTOMER SERVICES	ARMIS	\$183,505	\$1,890		\$60,584	36.28%	
STATE PALAMENICA MARIES	Ľ	6711	EXECUTIVE	APRAIS	24.178	×		122		
### STATES ACCOUNTED AND REALISED ### STATES ACCOUNTED AND REALISED AND REAL	8		PLANNING	APPAIS	2			30		
### 1972 HANNIN RECORDER ANNING \$17.244 \$17.5 \$18.11 \$18.1 \$	87		ACCOUNTING AND FINANCE	ARMIS	124,041			2		
### 1972 Author Robert Aut	z		EXTERNAL RELATIONS	ARMIS	\$12.50	\$12		\$2,617		
6723 MCGMANTON MANAGEMENT	2	î	HUMAN RESOURCES	APPARS	\$38,114	2		2004		
### 57.22	8		INFORMATION MANAGEMENT ***	APPAIS	\$30,108	318		7		
#17.27 PROCUERATION CONTRIBUTION CONTRIBUTIO	š		LEGAL	ARAMIS	856.43			623		
### 57.2 PRESENTED AND DEVELORATION TO AND DEV	22		PROCUREMENT	APARTS	\$2239	Q.		E123		
### 1014.0 CORPORATE CHECKARE NOTE SECREVABLE	2		RESEARCH AND DRIVELOPMENT	APRAIS	\$2.523			2		
6170 FIGURE CONTRACTOR CONTRACTOR RECEIVABLE NAMED 134 151 151 151 151 151 151 151 151 151 15	I.		OTHER GENERAL AND ADMINISTRATIVE	ANIMIS	100,483	63		25.512		
# 7.26.1 PROPERTY LACES 1.26.2 PROPERTY LACES Comment Laces 1.50.2	2 2		TOTAL COMPONENTE DETRATIONS EXPLANSE	100 mm	1871914			180,143	2008	
24 726.9 OTHER TAKES NA TOTAL TAKES Som Life 1.66 190.00 100 101.00 100 10	K :		PROMISION FOR UNCOLLECTIBLE MOTES RECEIVABLE	Addition	200					
NA TOTAL TAKES NA TOTAL	. 2		OTACO TANDE	1	E 0.00					
101.00 10.00	8		TOTAL TAXES	Sum Lift Life	\$96.168					
100 101 M.	8									
103 (102 kg) ***Control #672 was adjusted to excount to 1544, 346 to maintainne latino costs Nati ware recovered to the Service Order Computer Processing Cost stating costs of \$14,332,110 incurred costs of \$14,332,1	101									
101 1014.	55									
TOTAL	103									
About the least of protein relations for the second	8	101	Of the party and party and the field but he was been and the field by	And of the latest of the lates	Owing Course by December	District of the Party				
Mounts Peter for Canadas Tes (Stee Cet) take per 2001, Stee Cet)		- Account	57.25 was adjusted to remove the 2007 055 leating expenses of \$30.4	\$2.955 and added tack in the a	verage OSS Teating costs of 1	14.332,110 bround &	APQ 2000-2001			
Mounts Petitor Fast Catalane Tos GDO-2001 Issue per 2001, Stee Ord	•	No subtracts	of out pension selflement insses of \$47,551							
Mounte Pediatri Fasa Canalase Tas (2004-200) Issue per 2001, Sue Ord		Sources								
Mounts February Tests Catalates Test (2004-200) Same pere 2007; (Same Dec)	-	OF Cener	at Accountant, France - SBC							
Mounts Peters Canadas Tes GD0-2001 laws pre 2001; Stee Ord	-	2002 - 0 100	Annual Charge Factor Serior							
Mounts from Consumer Test (200-200) from the 2002 (See On)	- 1	SA H SBC	Finance Group							
Mounts are Conjune the CONJUNE Test CON		7 7 2005 P	Annual Charge Facts Sinder							
Mounter Frest Companies Tost Ordon-2001; Isma per 2003; Stee Ord										
Power or can Canadas Tost (2004-200) tose per 2001.	_	Other Inputs								
(2004-2007) have yeen 2007. Stare DH1		Description		Source Interior Factor Catalages Tool						
	1	Annual Princes	or reading and could sufficient factors	(2004-2007) have page 2002.						
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VERAGE BO	OK INVESTMENT.		(2000)
Account	Description	Soria	
2001	December 2002 Investment	OH 2002 GL	\$8.070.338
2001	Owcamber 2001 Prestment	OH 2002 G.	EV 111.53
3001	Increase over December 2001 Investment	OH 2002 GL	1204(362
	Assessed Student In contrasts	1100 - 1100	EN COR 63

OH 2002 G. STA 2001		(3000)	Boxes		1110		4100.0	1113 + 1114	USI Col 1	1115 - 1116	Tat 3 Catalietion (SBC), LSR, Cot N	Tetr 3 - Calculations (SBC), LSt. Carl 51 - St. Sec. 1891 - St. Sec. 1892 - Se		
December 2001 Evestment Increase over December 2001 Investment	Average Socked Investment	ALCULATION: Dellers in 1998)		Total Taxes	Average Booked Investment	Ad Valorem Tas Factor	Commission Assessment (CA)Factor	Total Ad Val. & CA Factor	TPIS	Forward-Looking Ad Valorem Tes	TPIS Common Costs	Total TPIS Costs	Percent Ad Visioners Tax Common	Percent Ad Valorem Tax Common Common Ad Valorem Tax
2001	0	CALCULATION		_	-		4	· ·	-				0	0 -

GENERAL PURPOSE COMPUTERS

52575555585B

	Description	Source	Value (\$000)
Capital Costs	9		
	Account 2124 Balance	0	171,004
		Alt 2002 Computer	100
	Premarity Neon-Mainthaine pompulers (Char)	CHESTON	2.00%
	Account 2124 Balance - Non-Maintening portion		\$1,460
	Maintaine Costs - Investment	1123-1125	05143
	Less Sendra Onter Cost Study Adjustment (21 SFN, of Maethama Costs for Ort.)	Promote See No.	12.537
	Adjusted Maintains Costs investment		200,007
	CC to BC Ratio	U.Cali	0.2717
	Capital Coal Factor	U. Ca G	24.729
	Maerhame Capital Cost	1128 1129 1130	10,637
	Support Asset Common Cost	15	\$17
	Total General Purpose Computers: Common Cost	Z17+1[17	78 M
Esperien			
	Account 6124 Balance	AT 2002 Computer	\$86,002
	Parcent Non-Matritions computers (Chic)	Dietribution	2.00%
	Account 6124 Balance - Non-Mainhame portion		\$1,760
	Mainthana Costs - Expense	M17-1617	\$86,242
	Lass Service Order Cost Skuty Adjustment (21 58% of Maetherne Costs for (24)	Property Car Blots	\$5,623
	Adjusted Maintaine Costs: Experies		\$60,062
	Support Asian Common Cost	15	\$350
	Total Matcheses Common Courts	1138+1140	\$40 738

FORWARD-LOCKING ADJUSTMENTS - Cable & Wire Facilities investment and 257C

			President	Total	Total	interoffice	Total
	Account	Account	2.00	Working	TELRIC Loop Investment	Addition	TELRIC CationsWen757C
South			UNE 7-wire Analog Loop Study	NECA USF Films	E - C70	ARMIS 43-04 Tbi 1	GRENIA
	18	Cable & Wire Facilities					
	2411	POLES	1 3150	4,329,550	\$145,058	21.7	
ñ	421.822C	AERIAL CABLE - NON-METALLIC	21.23	4.329.550	17.931	7.17%	
*	3421.220	AERIAL CABLE - METALLIC	\$127 M	4,329,550	\$553,837	2174	
	2422 BSC	UNDERGROUND CABLE - NON-METALLIC	13.01	4.329.550	\$13.016	21.7	
~	3422.SC	UNDERGROUND CABLE - METALLIC	M. M.S.	4,329,550	\$329,639	Į.	
ñ	G1MSC	BURIED CABLE : NON-METALLIC	10.00	4,329,550	\$15,771	11.1	\$16.989
*	7423.450	BURRED CABLE - METALLIC	SCHOOL STORY	4 329 550	\$1,252,760	27.7	_
	2447	CONDUIT	207.38	4,329,550	\$421,876	11.1	
12	2232 2875	DIGITAL CROUT EQUIPMENT	tion to	4.338.550	\$885,703		
		Zone Vesignings					
		Region			Total Working Loops		
		Source	-		D-Region's, Total		
191		Uster	550,670	157	658,810		
22		Suburban	1,459,175	A0 40	1,747,741		
22		Russ	1,904,661	44.0	1,921,989		
		Total	3,614,736	100.0%	4 329 550		

Sources: International Action of Transactions (AM Investment I AL CAM Investment I AL CAM Investment (Bits 1474 + Row 1410) / (Box 1460 + Row 1410 + Row 1

L	¥		0	Q	-
*	Account	Account	2002 Investment	Total	Percent
-	Number	Description	@Current Cost	TELRIC CAW inv	TELRIC
	Source		Tab 3-Catculations	1142 1149	E-O/C
- 50	2411	POLES	159 NOTS	2158.262	38,249
20	CT AZZC	AERIAL CABLE - NON-METALLIC	\$58.670	1988	
27	N2122C	AFRIAL CARLE - METALLIC	\$1,308,723	1596.722	
5	2421	AERIAL CARLE	\$1.368.592	\$805,285	44.239
7	422 BMC	UNDERGROUND CABLE - NON-METALLIC	1202,021	\$14,021	
9	H22.5C	UNDERGROUND CABLE - NETALLIC	\$3079,854	\$355,098	
=	3422	UNDERGROUND CABLE	\$1,162,476	\$369 121	31.22%
24	CLIMBC	BURNED CABLE - NON-METALLIC	\$122,005	\$16,989	
A D	257.650	BURIED CABLE - METALLIC	\$1,142,581	\$1,348,521	
2	3423	BURRED CABLE	\$5,285,35	\$1,366,510	107.981
92	2441	COMDUIT	\$1,453,781	MS 246	31,259
22	232.257	CIRCUIT EQUIPMENT	\$885,922	\$385,703	DR 867
-	TOTAL		\$8.574.953	\$3.837.10M	100.00

	•		ü	٥	-	-
	5	Searce	Unit	Quantity	Presetment	Promptoni (\$000)
		Switch Capacity Health				
	End Office Analog Live Ports	Reports SICAT	180	3,548,937	\$64.14	\$227.69
		Switch Capacity Health				
	End Office Digital Trust Ports (TRDD8)	Reports - SICAT	190	10.985	\$10.94D 64	\$219.480
		Switch Capacity Health				
_	End Office Trusk Ports (DST) Includes ADTS)	Reports - SICAT	1221	41,000	\$3.189.36	130 981
141	Tandem Office Trush Ports		190	21 238	\$2 224 DB	47.23
		Chapter Nectoral				
		Deployment Contracts.				
		Switch Capacity Health				
7.5	PRE Line Ports	(Reports)	190	8.354	\$3,787.30	\$33.995
		Digital Nament				
		Switch Capacity Health				
	BRI Line Ports	Paports	060	28.213	STOCK AND	W 28
_	Change		080	4 224 577	13.854	\$150,000
	SS7 (LSTP)	SIGNOST 2.2	Total			10107

HIGHLY SENSITIVE CONFIDENTIAL

\$5.817

\$28,057,860

Total

SIGCOST 22

SST (RSTP and SCP - Chic portion) Total is used at L181

$\ \ $	Total Digital Electronic Switching 2212/377C	Source	*edar	Investment Amount	Calculation			
	Forward Looking Switching Investment	1411	872.726	872.726				
	Materials to Total EFA!	OH 2002 ACF a	76.01%		1 181 - 1 183 Factor Col			
	Cales Tes	CH SOUS ACE	2000		1487 1 187 Earlie Col			
	Exemped I notice Sufficient investment with Subsection	OH WOOD ACE						
	Takos Enginaering	OH 2002 ACF	77.		LIME LIME FACTOR CO.			
	Suntry & Misselsnesse	OH 2002 ACF	D Gave		1 184 - 1 186 Factor Co.			
	Talco Plant Labor	OH 2002 ACF	1574		1164 - 1167 Factor Col			
	Total Forward Looking Selecting Installed Investment				Sum of (L.1841,187)			
	Poss	DH 2002 ACF	8.574	\$ 77.455	L188 - L189 Factor Col.			
	Total Forward Looking Switching Investment Commit Code - Account 2212	Tab 1 Calculations (SBC) 110		\$ 981,251	Sum of (L1881.189)			
		-						
	TELRIDOursel Cost	113017181		£7.98%				
UPPORT ASSETS	E							
		Forestolic	Forward-Looking Wages & Salaries					
		v	٥			9	I	
-	Passed		Account	-	Seince	Wagesaliairies	Common	
	Control Control	Bonne	- Na Na	186 184	9.6	****	- C. S.	
6610	WHOLESALE MARKETING	Tath 1. Results 129	\$6.265	101	16.2M	1,51%	765	
6711	EXECUTIVE	197	F1.17	S	FF.178	2008	1124	
71.79	Constitut	85	2	R	2	2000	9	
6721	ACCOUNTING AND FINANCE	407	\$24,041	5	DWO NCX	200	\$1,213	
77.10	EXTERNAL RELATIONS	3 1	\$12.58		\$12,562	7	\$635	
	INFORMATION MANAGEMENT	85	\$30.105	2 2	230 086	100	21,518	
87.25	LEGAL	5	826,78	2	\$7,959	3048	1401	
67.28	PROCUREMENT	(82	\$2,239	24	\$2,239	200	\$113	
6727	RESEARCH AND DEVELOPMENT	183	\$2,523	Si	52,523	2008	\$127	
	OTHER GENERAL AND ALMINISTRATIVE	3	18 FE	101	256,446	2008	\$2,999	
	TOTAL						18,233	
1	46	0	q				*	F
Capital		Femanse	Candia		Operating	The same	Pormand	Support
	Account Description	Amount	Amount	, Seen	SA Factor	SA Factor	Wgst. Sai	Cost
		Support Asset Factor Fits Act	Support Asset Factor Tax All 1982 Let 2002 16-28	Paper And Tests To Service to the Tax				
Humber	Source				-C/E	*D/E	1384	-Factor'H
	LAND - ADMINISTRATIVE		\$6,897,754			0.0032	\$9,233	\$30
	MOTOR VEHICLES - ADMINISTRATIVE TOOL & AND OTILISO MODE EXHIBITED		X, 498,512			0,0050	\$9,233	2
	TOOLS AND OTHER WORK EQUIPMENT		Page 404 504			00000	59,233	20
5122	ELIBRITISE ALMINES I MATICIN		\$2.00, 133,243 \$2.040, 870	6. 363 364 411		0.2087	19,733	\$1,927
1	OFFICE EQUIPMENT		\$7.372.130	Ī		0.0043	27.73	0.00
	GENERAL PURPOSE COMPUTERS		\$3,060,925			0.0018	\$9.233	217
6112	MOTOR VEHICLES	\$3,240,662		11,309,093,031			\$9,233	123
	TOOLS AND OTHER WORK EQUIPMENT	SOT OUR COS		\$1.261.529.969	0,000		\$9.233	0
	FURNITURE	E) (08, 427)		117 100 100 10	0.00336		59,733	112
	OFFICE EQUIPMENT	\$99,058,796		\$1.763.784.411	0.0562		20 211	\$519
П	GENERAL PURPOSE COMPUTERS	\$64,566,819		\$1,662,018,878	0 0368		\$9,233	\$359
	AMORTIZATION EXPENSE: TANGIBLE	14,489,297		\$1,763,784,411	0.0025		\$9,233	\$24
	TOTAL FACTORS				01349	0.2246		\$3,319

*		υ	۵	3
Industry Markets (M)	SSC N 2002 Total Exp (SOB)	SBC NA 2802 Total Direct Exp (\$600)	All Share of Total SBC	Art IM 2002 Total Direct Exp (\$000)
onice	IN Finance	IN Finance		0.0-
Account Team	698,652	0\$	19%	05
Marketing	\$29,229	05	32.19%	05
Access Operations	\$68,280	\$69,280	32 19%	\$22,289
.ocal Operations	\$313,744	\$313,744	32.19%	\$100,963
288	\$28,032	\$28,032	32 19%	\$9,022
Support - Colocation	04	105	32 19%	0\$
ronmental Less Uncollectibles	\$49,704	\$89,704	32 19%	\$28,872
John IM Experient	\$560,848	\$500,760		\$181,176
SBC Movest Total Operating Expenses (2902 ARMIS, Direct Regulated), Less Acots 8610, 6710, 6720, 6790	guistied), Less Acrts 8610, 6710.	6720, 6790		ESMES
Molesale Deed Cost Percentage (AT hid Mits Dreid / Total Alf Compa	If Company Direct)			701

*	-	v
adax.	Total	Region %
Outre	(\$000) strange (\$000)	· RegionTotal
mentach	196,963	32.19%
Pactic bel	\$82,179	30.60%
Cultivestam Bell	\$112,091	37.21%
chai	\$301,223	M-00 001

8 5885 8 8 885 88 5 8

chai	\$301,22
Ministerie Marketing	
Description	Amount (\$000)
Nource	2002 General Ledger
Arrantach Savices, Inc.	18,380
SBC Operations	188
Othio Wholesale booked to 8610	18,287
Total ALT Other for Account 6610	\$119,748
industry Markets as Demantace of Total Comments	NCZ 8

UNCOLLECTIBLE EXPENSES	Account		HO
Source		0	General Ledger
END USER.			286 111 20
INTER END USER DIRECT CHARGE	K391.112		39.896.00
INTER END USES DIRECT CHARGE - Equal Access	5301.2		
INTRA END USER ACCRUAL	5301.511		54.812.176.00
INTRA END USER DRECT CHARGE	5301.512		145,370.00
OTHER INTRASTATE	\$302.5		284,002.0
Subtintal		-	54, D48, 588, D0
Retail Purtion of Total Uncollectibles		Ц	84.6%
RESALEMHOLESALE. ALDIS AND Special Warkes (RS) Subtotal	FOCE III		18,160,205
Wholesale Purtion of Total Uncollectibles		Ц	11.4%
Tata (bendla-tilina			24 244 781

86 888 9 8

Study		
Common Cost	Ohlo	2004-2007
Shared		

Color Colo	AND OTHER WORK FOLIPMENT EXPENSE		-	VQ.				Q -	2002 ACF. ARMIS	SI
Post	ION VEHICLES NATIONALES WORK FOURNEM! EXPENSE		investments are							
Fig. Albitis 177,70 16,65% Albitis 177,70 17	VEHICLES AND OTHER WORK FOLIPMENT EXPENSE	Source-Col E	Averaged (K+L)/2 2002 Balance	92	Factors 1	Nages &	Nages & Sal	Ratio	2002 BOY 2002 EOV	\$000m)
PONSE ANAMIS STATES	VEHICLES AND OTHER WORK FOLIPMENT EXPENSE	ARMIS	\$17,710					\$ 0000 1	17.634 \$	17,785
Activity	The state of the s	ARMIS	\$47,053		1967			10354	2 197 09	85.516
ARMIS 12,100 AR	355	ARMIS	18.818.964		18.28%			2 27729	608,882 \$	629,045
A ANALES (1, 10, 10, 10, 10, 10, 10, 10, 10, 10, 1	RE	ARMIS	\$3,109		1823%			1 4556	3,643 \$	2,574
Activation Act	EQUIPMENT .	ARMIS	26.780		18.634			1030	7,142	2 4 5 5
Comman Logy	D ECTSONIC SAFTONNO	A DAMES	\$7.2,000 \$4.687		14/34				12867	454
1,1,1,1,1,2,2,3,3,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4,4	ELECTRONIC SWITCHING	ARMIS	\$1,539,482	\$70	17.80%			0.7265	1.494.733 \$	1 584 230
Comman Ladge 15 15 15 15 15 15 15 1	OR SYSTEMS	ARMIS	\$19,356		22.25%			1 1661	19,827 \$	18,890
Commail Logger 1815-94 5428 542	YSTEMS-NON CELLULAR WOBILE	Ceneral Ledge	23		22.25%			1 0245 \$		2
The content langer 1972 123	STEMS-OTHER RADIO FACILITIES	General Ledge	\$6,482		22.25%			1 0245	7,226 1	\$,739
Comment Longs 1,010,250 1,23	CHCUIT EQUIPMENT	General Ledge	\$15 548		22.25%			70.0	1 (8.9)	15.529
17.00 17.0	CHCLIT EQUIPMENT	Canada Lada	1922,631	22.5	\$10 pt			11100	001,300	1 200
Activity	CIRCUIT EQUIPMENT	Carried adopt	\$70.783	274	41034			2 02122	71277	70.294
Total	ADDADATIS	ADMIS	£1 507						1.587 5	1 587
The content of the	FR PREMISES WIRING	ARMIS	2							
## 17.3 ## 17.	SONATE SDAMON EXCHANGES	AGMIS	9					1 0000 1		1
Commail Logge 1712-264 1712	TELEDISCHE TERMINAL FOLIDARM	ARMIS	\$32.83D		22 83%			1 1244 8	12.677. \$	C86 CK
Commai Logge 151.155	TEDMINAL FOLIDARENT	APMIS	\$11.264		38.286			0.8770	11 237 5	11.290
Commai Ladge 155.1355 558	The same of the sa	APMIS	136 560	277	15.22%			2.8942	1 X SA2 8	138,578
Commai Large \$198.077 \$134.0	CARLE - NON-METALLIC	General Lector	\$53.353	. 2	15.41%			1 1034	\$ 1587 \$	55.019
Commail Ladge \$151.07.2 \$17.15	CARLE - METALLIC	General Ladon	\$766.097	S: 340	78.87			1,7126.5	744175 \$	288.019
Comman Lingua SECTION STATE	COCHO CARLE - NON-METALLIC	General Ledge	\$168.012	275	15.41%			1 0800 1	183.324 \$	182.701
Commai Ladge 1511 AZ 1512 AZ	CARL IND CARLE METALLIC	General Ledge	\$527.163	\$375	16.86%			1.8811		526.837
Commai Lingui Edit Biblish Edit Biblish	CARLE - NON-METALLIC	General Ledon	\$111,442		15.61%			1 1034 \$		112,832
Commai Lington 140	CARLE METALIC	General Ladon	\$848.856	200	16.86%			13471		864,988
Comman March Mar	DINE CARLE . NOM METAL IN	General Lador	0					4 47.25		O
LUC	DIME CARLE - METALLIC	Carrera I actor	1					44125	410 3	410
1,	WITH DAMP METANDON PARILE MONAMETALLE		900 93		15.41%			1 124 E	*	4 365
Activity	UNITARIAN METANDA CARI E METALI E		\$92,223		16.86%			1 7476 \$		62,169
### 1940/15 \$444.75 \$4	MDE	AFMIS	0					1 0000		
Same (1 124	T CVSTEMS	ARMIS	SA46 729		13.75%			2 2478	RET 708 1	655,753
San(1 134 \$131449 \$1312	DISTRIBUTE DE LE PROPETO	AGMIS	71.07		******			1 0000	2 1917	BO 050
ES ANNES ES E	Pic Section	Semila (M	\$7 916 Set	27.13						
### A PARKE ### A	ECTION E DESCRIPTION OF	SIMIS	573.446	t						
ES ANNES STATE STA	ECTINE COTHER	ARMIS	100							
### ### ### ### ### ### ### ### ### ##	TOTAL STANSFORM	TIPON .	27.20							
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A Actual State A Actual Sta	AND BLIED PRODUCED STATE OF THE PARTY OF THE	ABAIT	E18 275							
Separate	AC BUILDING EXPENSES	STATE OF THE PERSON NAMED IN COLUMN NAMED IN C	2193							
A AGANES SERVICES SER	JACK AND AN WORKS EXPENSES	AGMAN	200							
### ### ### ### #### #### #### ##### ####	EQUIPMENT EXPENSES	Charte	200 000							
A Actual Section 1 Actu	A TOTAL CANADA CANADA	SINON	4772							
ANNUES AN	PLECTHOMAC EXPENSES	STREET T	446 076	41.644						
A ARMES BEST A ARM	CLEUCHAMICAL EXPENSES	2000	-							
ANNES	CHECHANICAL EXPENSES	C. Marie								
1	TOR STRICT STREET	CHARLE .	2 5							
AGANTS 125.06 AG	STOLENS CAPTIONS	A CHAPTER	200	1000						
15,407 1	COUNTY MENT EXPENSES AND	Similar	416.064	222						
FOUND FOUND	A ADDADA THE EVIDENCE	POPIL	26.407							
E.P.P.E.AGE	DONATE BOANCH CYCHANGE EXDENSES	AGMES	-							
ARANIS 123.77 ARANIS 179.347 ARANIS 179.347 ARANIS 179.347 ARANIS 179.347 ARANIS 179.347 ARANIS 179.347 ARANIS 179.348 ARANIS 120.298 ARANIS 151.290 ARANIS 151.290 ARANIS 151.290 ARANIS 151.290 ARANIS 151.290	TELEGRAPH TERRANAL CONSTRUCT CATEGORY		81 260							
A SAME 119 AC	TEDLINES COMPARENT EVENEER		624,720	901.13						
A ANNES ETTO AND AND ANNES ETTO AND ANNES ETTO AND ANNES ETTO AND ANNES ETTO AND	DENEE COOK TO THE PROPERTY OF	ARMIS	202							
A APANIS SET, 1271 A APANIS SET, 1271 A APANIS SET, 1277 A APANIS SET,	CAR E EXPENSE	ARMIS	\$79.342	\$1.375						
A PANIS ESSAN SESSON A PANIS ESSAN A PANIS E	TROUBLE PERFERENCES	ARMIS	\$21.021	\$827						
Adults Expenses Expe	CARLE EXPENSES	ARMIS	\$53.A20	900						
A AANIS	INF CAR E EXPENSES	ARMIS	0.5							
NGES ARANIS	FA CABLE EXPENSES	ARMIS	08							
APAMS	JEDING NETWORK CABLE EXPENSES	ARMIS	\$1,778							
A USE EXPENSES ARANS ARANS ARANS ARANS ARANS ARANS ARANS ARANS ARANS	WIRE EXPENSES	ARMIS	0.0							
A USE EXPENSES ARMIS ARMIS ARMIS ARMIS ARMIS ARMIS	T EVETEME EXPENSES	ARMIS	50,136							
ABMIS ABMIS ARMIS	STY MEIN FIND BITTING TELECOM USE EXPEN		9							
ARMIS	INVESTIGATION OF THE PROPERTY		20.52							
ARMIS	CONTRACTOR SECTION SEC	50707	443 703							
CHARLE STATE	CAPTAGES CONTRACTOR CONCERNO	SIFER	20 8 22							
	HAR ADMINISTRATION EXPENSES	STREET, STREET	779.84							
FESTING EXPENSES	G EXPENSES	ANGALIS	758/1	2						

HIGHLY SENSITIVE CONFIDENTIAL

71 6536 ENCHRESHING EXPENSES ARMIN TO ACCESS EXPENSES 173.965

						2000			-
	Acet 8	Description	Source-Cal E	2002 Balance	180	Factors	Salaries	Not keep	-
13	1989	DEPRECIATION - TELECOM PLANT IN SERVICE	ARMES	SACA ACA				-	-
,	1360		ABAIR	5					
			STARTON OF THE PARTY OF THE PAR						
n ,		AMERICA INC. EXPENSE - INMINISTER	ANAMES	1					
		AMORTICATION EXPENSE INTANGBLE	ANGMIS	\$17,782					
	0000	AMONTIZATION EXPENSE: CITIER	ARMIS	\$1.573					
		PHODUCT MANAGEMENT	ARMIS	146.51			2		
,	2196	SALES	APPAIS	\$67,125	103		\$1.811		
0	6613	PRODUCT ADVERTISING	ARMIS	\$6,112			03		
	04.99	TOTAL MARKETING EXPENSES	Sum L78 1.80	2119,748	103		11811	1.51%	
	6621	CALL COMPLETION SERVICES	ARMES	\$5.042	5140		\$2,510	46 79%	
	6622	NUMBER SERVICES	APPARTS	\$19.741	\$376		\$14.003		
	6623	CUSTOMER SERVICES	ARMIS	1161508	S (MG)		200.000		
*	6711	EXECUTIVE	ARMIS	22.178	9		100		
	6712	PLANNING	APIMIT				200		
	8721	ACCOUNTING AND FINANCE	ABMIS	434.04			1.0		
	6777	EXTERIOR RELATIONE	A Dealer	100 000			2 1		
	6771	H MAN BEST BOSE	a Diagram				1000		
	6734	ACCOURTING LIAMACETACION	*******	***************************************	1		-		
	6724	EGAL	ACAMIN	27 Miles			THE PERSON NAMED IN		
	87.78	PROCESSION	40400	27.730			574		
	****	DESCRIPTION AND DESCRIPTION OF THE PROPERTY.	Transie V	65,655	2		100		
	****	OTHER CENEDAL AND ADMINISTRATING TO	A Charles	175.74			04		
	200		The same of the sa	100000	174		80,018		
	200	POWER CONTINUE OF EAST LAND EXPENSE	Dom Life Life	118174			18,143	200	
	200	PROPERTY TO THE UNCENTED INC. NOTES NECENABLE	Avenue	2					
	1,240.1	PRINCES INC.	The same of the same of	\$95,132					
		COLUMN TANKS	Market Lange	21,038					
	5	IOIN IMES	WIT OF THE	\$16.108					
8	TOTAL				\$19.210				
i	Server PE	Account BETA was adjusted to account for EMA MM is mainthrown labor costs but were recovered in the Service Once Computer Proceeding Cost shape	C sens recovered in the Service O.	the Computer Processing	Cost study				
	-	THE RESIDENCE OF THE PARTY AND ADDRESS OF THE PARTY OF TH	THE REAL PROPERTY AND ADDRESS OF THE PARTY AND	No. of Case (Special Control of	A THE PERSON	TOTAL STORY SALES			
į	s. drivera	Also subtracted out pension settlement losses of \$47,651							
	- Contract								
200	Canada	Cod F. Caracta Accountant Feature - SRC							
3	Ca. 3007 A								
3	H SBC	Col H - SBC France Group							
700	3/4-1								
8	J - 2002 A	Col. J.: 2002 Amusi Charge Factor Binder							
0	Other Inputs								
å	Description		Source						
			(2004-2007) home year 2002						
00	a Diamen	year planning period met-poer entation factor	State Ord						
	1	The state of the s	CH 2002 ACY 2003 19-30 da						
8	PERSONAL PLANS	100 Conventation Assessment Factor	Commission Assessment Tac	0.3014					

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AD VALOREM TAX FACTOR	

1	VERAGE BO	JOK INVESTMENT.		(2000)
	Account	Description	\$9658	
107	2001	December 2002 Investment	CH 2002 GL	\$8,070,936
108	2001	December 2001 Investment	OH 2002 GL	\$7,774,583
109	2001	Pronesse over December 2001 Investiment	OH 2002 GI.	\$280, MS
2 3.70		A COLUMN THE PROPERTY OF THE PARTY OF THE PA	10.000 0 000 1	78 100 0

GENERAL PURPOSE COMPUTERS

	Description	Source	Value (5000)
Capital Costs	A STATE OF S	4.5	***************************************
	ACCOUNT (Le Daigne	AlT 2002 Computer	
	Percent Non-Mainhaire computers (Ohio)	Dastribution	2.00%
	Account 2124 Balance - Neon-Mainframe portion		\$1,460
	Mainframe Costs - Investment	1123 1128	571,543
	Lass Service Order Cost Study Adjustment (21 SH), of Maintains Costs to (34)	Promesy Carl Bath	12,537
	Adjusted Mainhame Costs Investment		\$69,007
	OC to BC Rate	U.CaG	0.2717
	Capital Cost Factor	L7,04G	24 73%
	Maintrama Captal Cost	L128 - L129 - L130	2.0
	Support Asset Common Cost	5	111
	Total General Purpose Computers - Common Cost	201-101	187
Espanies			
	Account 6124 Salance	All 2002 Computer	200,864
	Persent Non-Mainhame computers (Chici)	Destroyan	2.00%
	Account 6124 Salance - New Maintaine portion		\$1,760
	Maintaine Coda - Experise	MAT 113	1987
	Lesia Service Order Coal Study Aquisment (21 SMN, at Mainthone Coats for CH1)	Promessy Care Bany	\$5,877
	Ağuntad Mainhama Costs - Espenses	1	896,088
	Support Asset Common Cost		900
	Total Mainthana Common Costs	CA114 0C11	7,000

FORWARD-LOOKING ADJUSTMENTS - Cable & With Facilities investment and 25TC

	•		Investigant	Total	Total	Interchos	Total
22	Account	Account		Working	TELRIC Loop Investment	Addbe	TELRIC Cable&Whe/257C
Source			UNE Zwins Analog Loop Study	NECA USF FING	E - C-D	ARMIS 43-04 Th 1	GAERLAN
		Cable & Wire Facilies	1				
-	2411	POLES	33.50	4 328 550	\$145,000	*11.1	
242	21 M22C	AERIAL CABLE - NON-METALLIC	\$1.43		108'13	7176	
24	251 22C	AERIAL CABLE - METALLIC	\$127.94		\$553,937	#21.E	
24	422 85C	UNDERGROUND CABLE : NON-METALLIC	10.03	4,329,550	\$13,016	2174	
24	422.50	UNDERGROUND CABLE - METALLIC	\$76.14		\$329,638	717	\$80,355,099
242		BURRED CABLE - NON-METALLIC	1364	4 329 560	\$15,771	7117	
24.		BURNED CABLE - METALLIC	£289.35		\$1,252,760	7117	
	2447	COMPUT	\$67.39		5421,676	2.174	
150 223	· p	DIGITAL CIRCUIT EQUIPMENT	15 1003	4.328.550	\$885,703		\$485,703
	-	Zone Weightings					
		•		U	0		
		Region		Percent of Total	Total Working Loops		
		Source	SWIFTS Database, Dec. 10	111	O-Region% To		
151		Urban	550,870				
2		Suburtan	1,459,175	*****	1,747,741		
153		Paral	1,604,661				
		Total	3.614,706		-		

Sources.

Interoffice Action 4500 (Tobia 1) Interoffice CAW Investment (ALCAW Investment that is (Flow 1474 + Riow 1450 + Riow 1450 + Riow 1474 + Riow 1455 + Riow 1410 + Riow 1450 + Riow 1474 + Riow 1455 + Riow 1410 + Riow 1450 + Riow 1410 + Ri

FORWARD-LOOKING ADJUSTMENTS - Cable & Wire Facilities and Circuit Equipment Expense

	Account	Account	2002 Investment	TOWN TELRIC CAN Inv	Percent
-	Source		Tab 3-Calculations	L142 L149	E-DC
984		POLES	\$408.657	\$156.202	38.24
8		AERIAL CABLE : NON-METALLIC	\$58,670	\$8,543	
57		AERIAL CABLE - METALLIC	\$1,308,723	\$598,722	
8		AERIAL CABLE	\$1,368,592	\$66,765	41.23
158		UNDERGROUND CABLE : NON-METALLIC	\$202.82+	100,412	
9		UNDERGROUND CABLE - METALLIC	\$979.854	\$355,099	
191	2252	UNDERGROUND CABLE	\$1,182,476	\$369,121	31.22%
2	2473 845C	BURIED CABLE - NON-METALLIC	\$122.965	816,968	
63	2423.450	BURIED CABLE - METALLIC	\$1,142.581	\$1,349,521	
3	2423	BURNED CABLE	\$1,285,525	\$1,366,510	107 98
88	2441	CONDUIT	\$1,453,781	\$454,246	31.25%
9	7232.757	CRCUIT EQUIPMENT	\$885,922	\$885,703	98.88
16.7	TOTAL		\$6.574.953	\$3,837,106	SA MY

	*		0	Q	3	
					TELMC	Total TELIBIC
	-	Source	Unit	Ouerthy	Breestment	(\$000) havestoned (\$000)
		Switch Capacity Health				
	End Office Analog Line Ports	Reports - SICAT	DSG	1548,937	MA 14	1227.603
		Switch Capacity Health				
a	End Office Digital Trust Ports (TR008)	Reports - SICAT	080	19.985	\$10,062,64	\$219,488
		Switch Capacity Health				
-	End Office Truck Ports (DS1) (includes AUTS)	Reports - SICAT	DS+	41,068	\$21.188.36	\$130,98
171	Tandem Office Thank Ports		DB+	21.238	\$2.224.08	M1.235
		Digital Network				
		Deployment Contracts.				
		Switch Capacity Health				
17.5	PRI Line Ports	Reports)	DSI	B 976	\$3.787.30	\$13,995
		Digital Network Decimenant Contracts				
		Switch Capacity Health				
	BRI Lave Ports	Reports)	DSC	28.213	\$293.66	\$8.285
174	rigon)		080	4.028.577	MACS.	\$155,300
-	SST (L3TP)	SKICOST 2.2	Total			M183

		SS7 (RSTP and SQP - Disc portion) Total is used at 1181	SIGCOST 2.2	Total		\$28.057.660	\$472,726	
1	Ching brees	79 Switching Investment Factors						
L		Total Digital Electronic Switching 2212/3770	Source	Factor	Investment Amount	Celculation		
		Forward Looking Switching Investment	1111	877,726	672,736			
22		Mainriain to Total EF&I	OH 2002 ACFs	78.91%	688,668	LINT LINZ Factor Co.		
2		Sales fax	OH 2002 ACF	0 00 m		LINE LINES FACTOR COS		
Z		Forward Looking Switching Investment with Sales Tax	OH 2002 ACF		E72,728	1181-1183		
2		Telco Engineering	OH 2002 ACFs	***	11,695	LIM LIMS Factor Col		
		Surdy & Miscelaneous	OH 2002 ACF	0.65%	5,673	LIM LINE Factor Col		
		Tekto Plant Labor	OH 2002 ACFs	1.57%	13,702	L184 'L187 Factor Col.		
		Total Forward Locking Sellching Installed Investment			803,795	Sum of (L1841.187)		
		Pose	OH 2002 ACFs	8.57%	77.455	L188 1,189 Factor Col		
		Total Forward Locaing Seliching Investment			一切に関	Sum of (L.168.L.189)		
100		Current Cost - Account 2212	Tab 3 - Calculations (SBC), L12	2	\$1,115,303			
		TELRICCurrent Cost	1817/0817		71 SPA			
SUP	SUPPORT ASSETS	-						
L			Forward-Loc	Forward-Looking Wages & Salaries				
	•		٠	0				I
				Account		Balance	Wageshilelates	Common
	Acct	Description	Source	Balance	180	Less TBO		Wgs45al
				185 184	188 194	9.0	181 4 195	0.4
68	9610	INFOLESALE MARKETING	Tab 1: Results, L20	28.285	103	\$6.234	3451	254
1	6711	EXECUTIVE	197	27.72	2	FK 178	3000	112
8	8712	PLANNING	97	2	2	\$5	2000	2
	8721	ACCOUNTING AND FINANCE	97	124.041	-	DA DAD	104×	\$1,213
	8772	EXTERNAL RELATIONS		112 594	\$12	\$12 582	2000	5035
	8723	M. MAN DESCRIPTION	180	211.002	9	C18 112	2002	11 821
	8774	INFOGUATION MANACEMENT	9	\$30.106	818	AND DAY	****	E1 518
-	****	1 EDA	101	£7 068	9		*****	2401
	6776	BOOKBENENT	2	D 275	9		12	
	K727	RESEARCH AND DEVELOPMENT	183	\$2.523	12		****	\$127
500	82.58	OTHER GENERAL AND ADMINISTRATIVE	3.7	\$59,483	103		2008	\$2,999
200		TOTAL						\$9.233

4		u	a			0		-
Captal		Freeze	-		Operating	Capital	Formerd	Support
Account	Account Description	Amount	Amount	Lane.	M Factor	SA Factor	Mystics	Z Com
Munde	Source	The extreme face of the Park The SAC TAN THE TANK	A STATE AND DESTA	AT THE TAX DAY TAX	*C/E		5	-
2111	LAND - ADMINISTRATIVE		\$5,687,754	\$1,763,784,411		0.0032	\$8,233	003
2112	MOTOR VEHICLES: ADMINISTRATIVE		\$6,498.512			05000	\$6,233	546
2114	TOOLS AND OTHER WORK EQUIPMENT			\$1,261,629,969		0.0000	\$9,233	04
2121	BUILDINGS - ADMINESTRATION		\$368,133,243	-		0.2067	\$9,233	\$1.827
2122	FURNITURE		\$2,959,679	-		0.0017	\$9,233	\$15
2123	OFFICE EQUIPMENT		\$7,372,132	\$1,783,784,411		0.0042	\$8,233	803
2124	GENERAL PURPOSE COMPUTERS		\$3,060,925	\$1,662,016,876		0.0018	\$9,233	8:17
8112	MOTOR VEHICLES	\$3,240,662		\$1,309,093,031	0 00025		\$6,233	\$23
8114	TOOLS AND OTHER WORK EQUIPMENT			\$1,261,629,969	0,0000		\$9,233	04
6121	BUILDINGS	\$59,329,795		\$1,763,784,411	0.0336		\$9,233	1103
6122	FURNITURE	\$2,106,422		\$1,763,784,411	0.0012		\$9,233	111
6123	OFFICE EQUIPMENT	\$99,058,796		\$1,763,784,411	0.0562		\$8,233	\$51.0
6134	GENERAL PURPOSE COMPUTERS	\$64,566,819		\$1,662,016,876	0.0388		\$9,233	\$359
6563	AMORTIZATION EXPENSE : TANGBLE	167 647 PA		\$1,763,784,411	0.0003		\$6,233	524
	TOTAL FACTORS				0.1349	0.2248		\$1718

Υ		U	٥	3
Industry Markets (M) VP Organization	58C IM 2902 Total Exp (\$000)	58C IN 2002 Total Direct Exp (\$000)	All Share of Total SBC	Art Na 2002 Total Direct Exp (\$600)
Source	IN Finance	IM Finance	1228	0.3.
CCCN,mt Team	628,662	O.	32 19%	08
derhating	\$29,229	2	32 19%	0\$
Coess Operations	\$49.280	263,780	32.19%	\$22,238
Ocal Operations	\$313,744	\$31374	32 19%	\$100,963
988	\$28,032	\$28,032	32 19%	19,022
Support - Colocation	05	Q	32 19%	2
ncremental Less Uncollectities	\$89,704	\$89,704	12 19%	\$28.872
otal IM Expendes	\$569.848	\$500,760		\$161,176
SBC Mishest Total Operating Expenses (2002 ARMS, Direct Regulated), Less Accts 6610, 6710, 6720, 6790	ted), Less Accts 6610, 6710,	6720, 8790		\$2,334,815
Modestie Dear Cost Percentage (AT led Mas Direct / Total AT	Company Deed)			Yes

8 55555 5 5

	•	u
Region	Total	Region %
Source	IM Finance (\$000)	* RegionTotal
Amerikati	(\$8,983	32 19%
Partic Bell	\$42,179	30.60%
Southwestern Bell	\$112,081	37.21%
Total	\$301,223	*00 00+

Description	Amount (\$990)
Source	2002 General Ledger
Ameritach Services, Inc.	ES. 38
SBC Operations	187
Ohio Wholesale booked to 6610	\$6.38
Total AlT Ohio for Account 6610	B. 1.8, 748

88 88

UNCOLLECTIBLE EXPENSES	Account		10
Source		0	General Ladger
END USER.			
END USER ACCRUAL	5301.111		286 141 00
INTER END USER DIRECT CHARGE	5301.112	•	39 Mail OC
INTER END USER DIRECT CHARGE - Equal Access	5301.2		
INTRA END USER ACCRUAL	5301 511		S4.813.179.00
INTRA END USER DIRECT CHARGE	5301.512	-	145,370,00
OTHER INTRASTATE	5302.5		254,002.00
Subtotal		-	54, 048, SBB 50
Retail Portion of Total Uncollectibles		Ц	49.00
RESALEMHOLESALE			
ALDIS AND Special Markets (RS)	1903 0*		18,150,205
Wholesale Portion of Total Uncollectibles			11.65
Part Handardson			-

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Acet 8 Description 2111 AVIOTO PERSONA 2111 AVIOTO PERSONA 2112 AVIOTO PERSONA 2113 AVIOTO PERSONA 2114 BALD DANS 2115 CHERCAL PROPRIED TO PERSONA 2116 CHERCAL PROPRIED COMPUTERS 2117 CHERCAL PURPOSE COMPUTERS 2118 CHERCAL PURPOSE COMPUTERS 2119 CHERCAL PURPOSE COMPUTERS 2111 CHERCAL PURPOSE COMPUTERS 211	Sourse-Col.E ARMIS ARMIS ARMIS ARMIS ARMIS ARMIS ARMIS ARMIS ARMIS		Flact with OH 2002 ACF				Source DH 2002	Source: 2001/2002 Gt. Fled etts OH 2002 ACF: ARMIS	Fled ett OH
	Source-Col.E ARMIS ARMIS ARMIS ARMIS ARMIS ARMIS ARMIS ARMIS	-		g	x	-	,	×	1
	ARMIS ARMIS ARMIS ARMIS ARMIS	Averaged (K+L)/2 2002 Belence	96	CAPCS Federa T	Wages &	Wages & Sal	CCBC	Investment Inputs (\$000s) 2002 BOY 2002 FOY	(\$000a)
TOOLS AND OTHER WORK EQUIPMENT EXPENSE BALDWING COFFEE COLOR STATE	ARMIS ARMIS ARMIS ARMIS	817,718					1 0000	\$ MA11 \$	17,785
BALLDWGG COFFICE COLORANIA COFFICE COLORANIA COFFICE COLORANIA COFFICE COLORANIA ANALOG ELECTROMOS SWITCHING COFFICE COLORANIA	ARMIS	\$63.891		12.96%			1,1404	5 62,793 \$	2007
OFTICE EQUINOLITY GENERAL PURPOSE COMPLTERS ANALOG ELECTROMOS SMITCHING GENERAL PURPOSE COMPLTERS ANALOG ELECTROMOS SMITCHING OPERATORS SYSTEMS ON PERSON BOTHAL CHICLIANS WOBLE ANDO SYSTEMS ON PERSON BOTHAL CHICLIANS HOUSE ANDOS SYSTEMS OF HER RAMON FAZLITES BOTHAL CHICLIANS ELECTROMOSE ANDOS FREADES WIRNO CLISTOMER PREMISES WIRNO CHICLIANS POLICE WIRNOW WIRNO	ARMIS	196 196		81518			2.2729	608.882 \$	629.D4
GENERAL PRIPOSE CONDUCTERS ANALOG ELECTRONIC SWITCHING DIGITAL ELECTRONIC SWITCHING OBERATOR SYSTEMS AND CELLULAR WORLE AND OF SYSTEMS AND CELLULAR WORLE RADO SYSTEMS AND CELLULAR WORLE RADO SYSTEMS OFFER RADO FACILIES DOGITAL CONCUT EQUIPMENT DOGITAL CHOLIF EQUIPMENT SYSTEMS OFFER RADO FACILIES ANALOG RECHT EQUIPMENT SYSTEMS OFFER RADO FACILIES CASTOLIES PREMIUS SWIRPING CASTOLIES PREMIUS SWIRPING THEN TERMINAL EQUIPMENT POLES ARRA CABIE. WETALLIC UNDERRECHNO CABIE. WETALL	CHARLE	\$4,780		15 SW			1 0324	7,142 5	6.417
MANDO ELECTROMES SWITCHES DOG'NE ELECTROMES SWITCHES DOG'NE ELECTROMES SWITCHES AND O'S YETERS AND YE	APMIS	173,004		A12.81			0.2717	20675	\$1,105
OPERATOR SYSTEMS WOOD SYSTEMS AND CELLUAR WORLE RADIO SYSTEMS AND CELLUAR WORLE RADIO SYSTEMS AND CELLUAR WORLE RADIO SYSTEMS AND CELLUAR BOILTA, CRICLIF GUIRWENT BOILTA, CRICLIF GUIRWENT STATION AND PRANTIS CASTOWER PERMONE EXCHANGES WANG FRIMANE GUIRWENT ONSTOWER PERMONE EXCHANGES WANG TERMONE, GUIRWENT OTHER TERMONE, GUIRWENT OTHER TERMONE, GUIRWENT OTHER TERMONE, CASE - WETALLIC UNGERGOLNO CASE - WETALLIC WORLEGONO CASE - WETALLIC WORLEGONO CASE - WETALLIC BUILDEN CASE - WETALLIC WORLEGONO WORLE	ARMIS	\$6,657	470	200 01			3402.0	12,857	450
ANDO SYSTEM AND CREATED ARE WORKE AND SYSTEM AND FEEL AND	APMIS	\$19.356	-	13.73			1 1601		18.880
MADIO STATEMENT HER WARD FACILIES TO BIGHAL CRICUIT GOLDWINENT DIGHAL CRICUIT GOLDWINENT DIGHAL CRICUIT GOLDWINENT DIGHAL CRICUIT GOLDWINENT STATEMENT COLST COLST COLS CRICUIT COLDWINENT STATEMENT DIGHALD HER TERMINAL EQUIPMENT OF THE TERMINAL COLS WARTALLE. WERREGOLAND CARLE - WETALLE.	General Ledgel	4		27.17			1 0245		
DIGITAL CRICUIT EQUIPMENT DIGITAL CRICUIT EQUIPMENT ANALOG CRICUIT EQUIPMENT ANALOG CRICUIT EQUIPMENT STATION WARTH ER BANCH EL ECOMPACIA CUSTOMER PREMISES WIRROC OUSTOMER PREMISES WIRROC OUSTOMER PREMISES WIRROC OUTER TERMINAL EQUIPMENT POLES ARRAC CAREL SOUPHENT UNDERFORMON CAREL SETALLIC	Ceneral Ledge	\$6.482		27.57			10245	2 22 2	\$739
	General Ledges	1822,631	×	13.06%			0.8713		948.377
	Ceneral Ledger	\$1,010,358	E.S.	13.06%			0.8713		1,023,45
	ABMIN ABMIN	£70,783		2000			101101		70.70
	APMIS	9							
	ARMIS	R					1 0000	*	
	ARMIS	007213		74.03%			1.1244	32.577	23,962
	ARMIS	\$136.560	113	10 69%			2 9942	14.40	138.578
	General Ledge.	153,353	100	X1511			1 1034	\$ 51,887 \$	55,019
	Cemera Ladge	\$796,097	21,340	71 ST X			17126	744,175 \$	788.015
	General Ledge	1527,163	202	135%			1 8811	515.489 1	534 R37
	General Ledger	\$111,442		NS1 11			1.1834	\$ 130,051 \$	112,832
	General Ledge	5848,856	6594	X-01 01			1347	\$ 527.228 \$	864.98
	Ceneral Ledge	210					4412	4,00	0.4
2428,462C INTRABUILDING NETWORK CABLE NON-METALLIC	General Ledge	\$6,906		11.27%			1, 1034	1 (35) 5	6.963
-	ARMIS ARMIS	192,223		11.27%			1 7476	82278 \$	85,169
CONDUIT SYSTEMS	ARMIS	\$646,729		143			2.2479	\$ 807,758 \$	855,752
NTANGBLE ASSETS	ARMIS	M7.114	-	20 98%			1,0000	1 M.168 1	80,056
INCOLLECTION E DEVENUE	April	57 916 969	27.72						
UNCOLLECTIBLE - OTHER	ARMIS	E284							
MOTOR VEHICLE EXPENSES	ARMIS	K134							
TOOLS AND OTHER WORK EQUIPMENT EXPENSE	ARMIS	15.73							
FURNITURE AND ARTWORKS EXPENSES	ARMIS	8198							
OFFICE EQUIPMENT EXPENSES	ARMIS	\$16,896							
GENERAL PURPOSE COMPUTERS EXPENSES	ARMIS	\$88,002							
ANALOG ELECTRONIC EXPENSES DIGITAL FLECTRONIC EXPENSES	ARMIS	\$46 078	£1.644						
ELECTRO-MECHANICAL EXPENSES	APRAIS	3							
OPERATOR SYSTEMS EXPENSES	APRINS	a							
CIRCUIT FOLIPMENT EXPENSES	ARMIS	24 315	INC3						
6212 (non 257) CIRCUIT EQUIPMENT EXPENSES (non 257)	ARMIS	\$25,056	5773						
STATION APPARATUS EXPENSES	ARMIS	\$5,407							
DARGE PROVATE BRANCH EXCHANGE EXPENSES OF RELET TELEDICINE TERMINAL ENVIRONMENT EXPENSES	APPARTS	20.760							
OTHER TERMINAL EQUIPMENT EXPENSES	ARMIS	\$26,770	\$7,100						
POLE EXPENSES	APRMIS	\$1,778							
AERIAL CARLE EXPENSES INDEPOSITION CARLE EXPENSES	ARMIS	175,190	E3.375						
BURIED CABLE EXPENSES	ARMIS	\$53,219	12.086						
SUBMARINE CABLE EXPENSES	ARMIS	0							
DEEP SEA CABLE EXPENSES ACTUALITY MAN METANOSM CABLE EXPENSES	ARMIS	2							
AFRIAL WIRE FXPENSES	ARMIS	OF THE STREET							
COMDUIT SYSTEMS EXPENSES	ARMIS	\$2,053							
PROPERTY HELD FOR FUTURE TELECOM USE EXPENSES	ARMIS	2							
PROVISIONING EXPENSES	ARMIS	E. 128							
NETWORK ADMINISTRATION EXPENSES	ARMIS	\$9,622							
TESTING EXPENSES	ARMIS	\$47.8S2	\$2,048						

11 635 Exchetement Diversities and Administration of Administratio

-					Wages &	Wages & Sai	CCOBC
	Description	Source-Col.E	2002 Balance	TBO Factors	Salaries	S of Acct	Ratio
73 6561	DEPRECIATION - TELECOM PLANT IN SERVICE	ARMIS	\$508.808				
	DEPRECIATION -	ARMIS	9				
69903		ARMIS	2002				
		ARMIS	\$17.783				
ĺ	,	ARMIS	\$1.573				
1199 82		AFIMIS	146.511			2	
		ARMIS	267,125	-03	•	51.811	
		APRINS	\$6.112			2	
		Sum L78 L80	\$119,748	ā	•	Statt 151%	
			\$5.042	1140			
63 6622		ARMIS	\$19.741	\$378	-		
		ARMES	\$183.505	\$1,880	3		
		ARMIS	27.72	2			
6717		ARMIS	50			2	
		ARMES	ENDAN			12	
		ARMIS	\$12.50	212		22.812	
		ARMIS	E38.714	a		\$104	
		ARMIS	\$30.105	114		5795	
6725		APRAITS	17.858			12	
92 6728	PROCUREMENT	ARMIS	\$2.239	a		50	
	RESEARCH AND DEVELOPMENT	APPAIS	12.53			a	
	OTHER GENERAL AND ADMINISTRATIVE ***	ARMIS	\$59,483	423	*	\$5.518	
	TOTAL CORPORATE OPERATIONS EXPENSE	Sum LBS L94	\$181,241			59,143	
6790		ARMIS	R				
7240		General Ledger	\$95,132				
7240.9		General Ladger	\$1,036				
	TOTAL TAXES	Sum 187 1.98	\$96,166				
100							
TOTAL				\$19.210			
	"Account #1724 was adjusted to account to \$545,346 in numberne about dots that were recovered for the Computer Processing Cost study. ""Account #1724 was adjusted to recover the 2002 OSS studies expenses of \$15,452.355 and additional facts in the everage OSS Traiting costs of \$14,322,110 incurrent during 2000-2003.	O save recovered in the Service O	nde Compute Processing in the OSS Testing costs of \$	Lost Nucl. 110 Incurred Gump 2000-2003			
Also subbra	Also subtracted out pension settlement losses of \$47,651						
Sources							
Colf. Co.	Col F. General Accountant Finance - SBC						
Cot 15 . 20	12 Avecasi Charge Factor Sinder						
Cot H SE	C Fearce Group						
Cat 1 H /							
Cat 1 - 200	Cal. J. 2002 Avenue Charge Factor Bendar						
Other Inputs	uts						
Description	5	Medice Factor Cacasana Tost					
4 year Star	105 4 year planning period militoret indepon factor	(2004-2007) hear year 2002. State Ort)	1 0696				
		OH 2002 ACT 2003-15-30 th					
Commission	106 Cormission Assessment Factor	Commission Assessment 140	0.0014				

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AN ON	LUNEM IAX FACT	OH.		
AVERA	SE BOOK INVESTMENT	-		(000\$)
Acc	ount Description		SAV3	
07 20	01 December 2002	02 Investment	CH 2002 GL	ACR. 070, 828
90	01 December 200	O1 Investment	OH 2002 GL	\$7,774,583
60	D1 Increase over	the over December 2001 Investment	OH 2002 GL	1296.363
			4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	

	SEC ADL 62	REVISED CONTAL COSTS	20.00	17 922,759	0.0121	0.0014	0.0135	F10, 664, 349	\$144,376	177.1	\$1,165,157	0.41%	1601	1142.785
	CLEC ADJ 81	EBOVAL OF SECS. FORWARD. LOCKING PLANT BUISTMENTS (TAI 3 - CALCUMINA CLECKY)	896.168	\$7.922,756	0.0121	0.0014	0.0135	114,004,340	\$144,376	\$6.711	\$1,809,588	0.37%	RSI	SIG.S40
\$1,922,759		(000\$)	59. 365	17 922,759	0.0121	0.0014	25100	\$7,792,449	\$105,495	112.00	\$1,362,869	0.49%	\$153	\$104,976
L107 - (L108 / 2)			SOACE	047	L111/L112	90.7	LINDALINA	Tato 3 - Calculations (SBC), LSA, Cot J	7312.7136	Tab 3 Calculations (SBC), USA, Co. N	Teb 3 - Calculations (SBC), LSB, Cut L	C118/7119	1117.1120	L117 - L121
Average Booked investment		DOST OF THE PROPERTY OF THE PR	Total Tens	Average Booked Investment	Ad Valorem Tax Factor	Commission Assessment (CA)Factor	Total Ad Val & C.A. Factor	TPIS	Forward-Looking Ad Visionem Tax	TPIS Common Costs	Total TPIS Costs	Percent Ad Valorem Tax Common	Common Ad Valorem Tax	Direct Ad Valorem Tax
0		no Ivo	-	120	7	*	15	160	6	1.8	10	200	151	22

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	neuera inchese Continuera			CARCADI E
	Description	Source	Value (\$000)	NEWISED CAPITAL COSTI
Capital Costs				
	Account 2124 Balance		173,004	\$73,004
		ALT 2002 Computer		
	Percent Non-Marrhame computers (ONo)	Distribution	2.00%	2,004
	Account 2124 Balance - Non-Mainthama portion		\$1,460	\$1,460
	Mainhame Costs - Investment	1123-1125	577.543	\$71,543
	The Court Court Court State Assument Of 18th of Hambons Court by Dail	List line Critical Lamping	10.00	45.637
	Adjusted Maintaine Costs Investment		269 007	200 000
	The Birth Bodes	12 046	D 2717	U 2717
	Cardial Cost Factor	17 Ca G	24.73%	18 37%
	Manufacture Confidence Contract	(1134 - 1130 - 1130)	44.617	\$1.445
	Support Asset Common Cost	15	214	
	Total General Purpose Computers - Common Cost	2011-1017	188.1	\$1,445
Esperies				
	Account 6124 Ballance	AlT 2002 Computer	\$88,002	\$58,002
	Percent Non-Maththone computers (Ohio)	Distribution	2.00%	2.00%
	Account 6124 Balance - Non- Mainthane portion		\$1,780	11,760
	Wainframe Costs - Expense	KIT KIT	\$86,242	\$86,242
	Lass Service Order Cost Study Adjustment (21 58% of Maeritame Costs to OH)	Processing Cast Study	\$5.873	\$5.873
	Adjusted Maintaine Costs - Expenses		B9K 045	\$40,369
	Support Asset Common Cost	15	\$358	\$359
	Total Maintaine Common Costs	C139 + L140	\$80.728	\$40 728

G Total TELRIC Catalat Www.257C Investment \$196,262 \$566,722 \$14,027 \$16,889 \$16,889 \$1,249,527 fefette ARMIS 43-04 Th Addition Percent \$125.937 \$12.016 \$12.8439 \$12.8439 \$12.8439 \$12.82.780 E Total TELRIC Loop Prestituent 4329.550 NECA USF Filing Total Working Loops 12.50 12.72.4 12.72.4 12.61.4 12.61.4 12.61.4 12.61.4 12.61.4 13.61.4 13.61.4 C Investment
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Shoty FORWARD-LOOKING ADJUSTMENTS - Cable & Wire Facilities Investment and 257C.
A POLES
FERM CABLE - MOMERALIC
FERM CABLE - METALIC
FORGERGOANO CABLE - METALIC
FORGERGOANO CABLE - METALIC
BURBED CABLE - METALIC
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COMOUNT
FOR CABLE - METALIC Cathe & Wite Facilies Account 2575 DIGITAL CROUIT EQUIPMENT 4 Zone Weightings 2471.622C 2421.622C 2421.62C 2422.85C 2423.65C 2423.65C 2441.85C 2232 257C Account 3333333 8 2333

Interribes Addition from 2002 ARMS 41-bit Table 1, Interribes CAW Interstment 1 AE CAW Investment That is (Row 1471 + Row 1455 + Row 1510) / (Row 1460 + Row 1474 + Row 1510) / (Row 1460 + Row 1474 + Row 1510) + Row 1474 + Row 1510 + Row 1510

	*	an an	u	0	issi
* *	Acrosm	Account	Coursel Cost	TELRIC CAW ins	TELRIC
	Source		Tat 3-Calculations	[142 [148	E*D/C
	2411	POLES	\$408,657	\$156,262	25
z	21 822C	AERIAL CABLE - NON-METALLIC	\$58,870	28.543	
14	421 2XC	AERIAL CABLE - METALLIC	\$1,309,723	2578,002	
	2421	AERIAL CABLE	\$1,368,592	\$605,265	1
14	2422 BSC	UNDERGROUND CABLE: NON-METALLIC	\$202,821	\$14,021	
14	A22 SC	UNDERGROUND CABLE - METALLIC	\$879.654	\$355,099	
	2422	UNDERGROUND CABLE	\$1,162,476	\$369,121	31.229
z	21.84SC	BURIED CABLE - NON-METALLIC	\$122,965	\$16,969	
N	423.45C	BURIED CABLE - METALLIC	\$1,142,581	17,349,521	
	2423	BURNED CABLE	\$1,265,525	\$1,366,510	107
	2441	CONDUIT	\$1,453,781	2454.746	31
N	232 257	CIRCUIT EQUIPMENT	228 988	\$885,703	28
1	TOTAL		150 775 25	E1 827 106	35.55

	Y		0	a	3	
	1	ı	1	-	TELMSC	Total TELASC
		- 1	ino.	Constant	111200000000000000000000000000000000000	DOOR HOUSE
	Control of the Control of the Control	Switch Capacity Health	Delle	T KAB GOT		
0	End Office Analog Live Ports	Switch Capacity Health	200	The section	MOA 14	E80 177%
	End Office Digital Trust Ports (TRDDS)	Reports - SICAT	180	19,3865	\$10,062.64	84,915
		Switch Capacity Health				
	End Office Trusk Ports (DS1) (includes ADTS)	Reports - SICAT	DS1	41,068	\$1,189.36	\$130,98
171	Tandem Office Trust Parts		150	21.238	\$2,224.08	M1235
		Depta Network Deptoyment Contracts, Switch Capacity Health				
17	PRI Like Ports	Reports	DS1	8.578	\$3.787.30	\$31 995
		Digital National Deployment Contracts, Switch Departry Naveth				
_	(BR) Line Ports	Reports)	050	28,213	\$293.64	\$8.28
174	Change		DSO	4,029,577	2005	\$155,300
-	555 (LSTP)	SIGCOST 2.2	Total			K3 83

	Common Washington	100 March 100 Ma	Forward Support Looking Asset Wjskike Cost	1304 1404
	,	200 A	Complete Com	- 0.1 E 123 C 123
Calculation Calcu	Patrice To Control of the Table	D - 6 24.728 24.728 25.429 27.428 27.428 27.428 27.529 27.	Operating Expenses SA Factor	0 0003 0 0003 0 0003 0 0003 0 0013 0 0013 0 0042 0 0042
172.7% 887.7% 887.7% 17.7% 1.1.89 5.17.7 1.1.745 1.0.778 1.1.745 1.1.745 1.1.745 1.1.745 1.1.745 1.1.745 1.1.745 1.1.745 1.1.745 1.1.745		Pas edinisasi	- 1	11.78.2.18.4.11.1.18.1.18.1.18.1.18.1.18.1.1
12.728 12.728 0.00m 1.34m 1.57m 1.57m 1.57m 1.57m 1.57m	Greent-Looking Wages & Salaries Account Balance	E 200 CH 173 CH	Capital Amount Asper Asset See 14	
Electrical	LING(LIS) Forwards C Source	87 47 88 97 1 10 L	Expense Amount Amount	23, 200, 600 21, 200, 600 200, 600 200
Switching breatment f action Found Digital Electronic Switching 2712777C Found Louise Skilling Investment to the Switching Investment to the Switching Investment with Switching Investment with Switching Investment with Switching Switching Investment with Switching Switching Investment Switching Switching Investment Teach Found Louise Switching Instituted Investment Digital Found Louise Switching Instituted Investment Coal Found Coal Account 2217	TELBICOLIMINI COM BETS B Checiption	WOLESALE MARETING EDECUTIVE ACADMING AND FINANCE EDITEMAR READING HARM RESOURCES BECENATION MANAGEMENT PROCERED AND OFFICERATION OTHER GENERAL AND ADMINISTRATIVE TOTAL	Account Description	Source LAND - Administrative MOTOVE HERE, ST. Administrative MOTOVER, AND OTHER WORK EQUIPMENT BALLINGS - ADMINISTRATION BALLINGS - ADMINISTRATION FOR EC. EQUIPMENT CORKEAL, PURPOSE COMPUTERS WOTOVE HERE BALLINGS BALLINGS FLIRATIVE GOTEC ECHIPMENT OFFECE OFFECE OFFECE OFFECE OFFE O
aftithing level	SUPPORT ASSETS A	6710 6711 6712 6722 6723 6723 6724 6724 6725 6725 6725	Capital Capital	Mumber 2111 21112 21114 2121 2122 2122 2123 2123

28 CM 2002 AT Short Poor 2002 AT	*	100	0	0	
Here ED (222) Kes 2800 K	Industry Markets (M)	\$8C IN 2002 Total Exp (\$000)		Alf Share of Total SBC	Aut in 2002 Total Direct Exp
50 50 50 50 50 50 50 50 50 50 50 50 50 5		IN Finance	ı	(228	0.0.
08, 594 08, 513 08, 520 08, 52	Account Team	\$39,859	OS.	32.19%	05
5313.744 5310.744 53 022 54 754 5500,750	Marketing	\$28,228	2	32 19%	05
\$313,744 \$28,022 \$60,740 \$500,740	Access Operations	265,280		32 19%	\$22,299
\$29,022 \$0 \$89,704 \$500,760	ocal Operations	\$313,744	\$313,744	32.18%	\$100,983
\$69 704 \$500,760	088	\$28,032	\$28,032	32 19%	\$9,022
\$500,704 \$500,760	Support - Colocation	05	05	32 19%	05
	incremental Less Uncolectibles	\$88,70k		32 19%	\$28,872
SEC Michael Total Operating Expenses (2002 ARMS), Direct Regulated), Lass Accts 6610, 6710, 6720, 6720.	Total IM Expenses	\$269,648			\$161,176
Makes by Proceed Carl December 2 (All Ind Shire Presed Paris Aff Commune Descrip-	SBC Micheel Total Operating Expenses (2002 ARMS, Direct	Regulated) Lets Accts 6610, 6710	6720, 6790		EIMER
THE PARTY OF THE P	Wholesale Direct Cost Percentage (All led Mits Direct / Total All Company Direct	# Alf Company Dwed)			X 80.7

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SBC Industry Markets Local Operations Center Expenses - 2002

822 228 228 228

UNCOLLECTIBLES EXPENSES - 2002 Expenses

88 5 8

UNCOLLECTBLE EXPENSES	Account		8
Source		9	General Ledger
END USER.	***************************************		200 141 70
	5301 112		39,896,00
- 7	5301.2		
INTRA END USER ACCRUAL	5301.511	-	54.813.179.00
INTRA END USER DIRECT CHARGE	5301.512		145,370.00
OTHER INTRASTATE	\$302.5		284,002,00
Subtrate		-	54,548,588.00
Retail Portion of Total Uncodecities		Ц	59 67.
RESALEMIOLESALE			
ALDIS AND Special Markets (85) Sublotal	1000		4,968,205
Wholesele Portion of Total Uncollectibles		Ш	1145
Total Uncollectibies		•	81,014,793

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			2004-2007 IMPUTS (\$000)	South Account CCC.						
				AC PARTY				Source OH 2002	Source 2001/2002 GL Fleet 2002 ACF - ARMIS	Place with DH
	U	o			ø	ı	-	,	×	_
			Averaged (K-L)/2		5	Nages &	Wages & Sal	CCARC	Investment Inputs (\$000s)	ta (\$000a)
2111	LAND	SOUTS-COLE ARMIS	317.710	180	18 40%	Salaries	X of Acct	Ratio	2002 BOY	2002 EOV
2112	MOTOR VEHICLES	ARMIS	\$77,053		15.88%			1,0354	\$ 68,589 \$	85.5
2121	TOOLS AND OTHER WORK EQUIPMENT EXPENSE. BUILDINGS	ARMIS	\$618.964		12.96%			1 1404	5 62,783 S	886 M
212	FURNITURE	APIMIS	\$3,109		3 30 K			1 4556	1,643 \$	7,57
2123	OFFICE EQUIPMENT	ARMIS	\$6,780		18.85			1 0324	\$ 7,142 \$	6,417
2211	ANALOG ELECTRONIC SWITCHING	ARMIS	\$6,500		18.37			0.2717	2 208.00	21.105
27.22	DIGITAL ELECTRONIC SWITCHING	ARMIS	\$1.539,482	E	70 92%			0.7245	1 1454 733 5	1 584 230
2220		ARMIS	\$19.356		13724			1991	19.821 \$	18,890
2231 1670	RADIO SYSTEMS-NON CELLIDARI MOBILE RADIO SYSTEMS-OTHER RADIO FACILITIES	Canada Ladge	287.85		200			0245		
2232 157C		General Ladge	\$15,948		19 D4%			10164	18.367	10,529
2232 257C		General Ladger	\$822.831	KX.	11.06%			0.9713	\$ 666,000 \$	948,977
2212 57C	ANALOG CIRCUIT EQUIPMENT	German Ladon	\$7.070	E.	12.007			1 0 9713	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	70.7451
1162	STATION APPARATUS	ARMIS	\$1,597						1 1921	1,000
100	CUSTOMER PREMISES MRING	APMIS	2 :							
200	PUBLIC TELEPHONE TERMINAL EQUIPMENT	ARMIS	\$32,830		14.03%			1 1344	2 440	19 64
2362	OTHER TERMINAL EQUIPMENT	APMIS	11.264		24.84%			0.8770	\$ 11.237 \$	11,790
2411	ACDIAL CARLE MONTACTALLIC	ARMIS	\$136,560	E 3	7.69 01			2,8942	24.47	138.57
201220	AFRIAL CABLE - METALLIC	General Ledger	1766,0972	11,340	11.51%			201	744175 5	788,019
2422.850	UNDERGROUND CABLE - NON-METALLIC	Centeral Ledger	\$188,012	\$215	7.60 DI			1,0800	\$ 102,1304 \$	192.70
2423,8450	BURRED CARLE - NON-METALLIC	General Lador	\$111.442	222	235%			7,001	515,489 \$	526.837
2423.45C	BURIED CABLE - METALLIC	Centeral Ledger	\$848,856	2692	NO1 01			13471	\$ 622,723 \$	884.98
DATA BIC	SUBMARINE CARLE - NON-METALLIC	Consess Leader	2 2					44125		0
2428.462C	INTRABULLDING NETWORK CABLE NON-METALLIC	General Ledger	606.98		11.27%			1.1034	S CAMA S	6.865
2428.442C	INTRABUILDING NETWORK CABLE - METALLIC	General Ladge	192,223		11.27%			1.7476	\$ 80,278 \$	42,169
2441	CONDUIT SYSTEMS	ARMIS	\$646.729		201			2 3479	1 KU 775 1	688,79
2890	MTANGBLE ASSETS	ARMIS	H. 174		70 98%			1 0000	34.64	80,059
2000	TOTAL TPIS	Sum Li Lin	17.918,969	27.6						
5301	UNCOLLECTIBLE PEVENCE	ARMIS	173,445							
6112	MOTOR VEHICLE EXPENSES	ARMIS	K.7.84							
B114	TOOLS AND OTHER WORK EQUIPMENT EXPENSE	APARIS	15.73							
8122	FURNITURE AND ARTWORKS EXPENSES	ARMIS	Series Series							
6123	OFFICE EQUIPMENT EXPENSES	ARMIS	\$16,696							
6124	GENERAL PURPOSE COMPUTERS EXPENSES	APIMIS	\$88,002							
6212	DIGITAL ELECTRONIC EXPENSES	ARMIS	\$46.076	\$1.643						
67.15	ELECTRO-MECHANICAL EXPENSES	ARMIS	24							
6220	DPERATOR SYSTEMS EXPENSES BARNO EVETEMS EXPENSES	APMIS	CI S							
6232 257	CIRCUIT EQUIPMENT EXPENSES - 257	ARMIS	\$6.315	2298						
8232 (non 257)	1) CIRCUIT EQUIPMENT EXPENSES (non 257)	APMIS	\$25,054	\$773						
1109	STATION APPARATUS EXPENSES	APARIS	\$5,407							
1909	PUBLIC TELEPHONE TERMINAL EQUIPMENT EXPENSES	ARMIS	31.760							
6362	OTHER TERMINAL EQUIPMENT EXPENSES	APMIS	077,052	\$1.100						
2 2	ACCIAL CARL C EXPENSES	APONIS	677.73	-						
27.5	UNDERGROUND CARLE EXPENSES	ARMIS	220.198	1000						
6423	BURIED CABLE EXPENSES	ARMIS	\$53,219	22,096						
6424	SUBMARINE CABLE EXPENSES	APMIS	2 :							
2 2	INTRABLII DING NETWORK CARLE EXPENSES	APMIS	21.730							
1579	AERIAL WIRE EXPENSES	APANES	8							
1	CONDUIT SYSTEMS EXPENSES	APMIS	\$2.083							
6813	PROPERTY HELD FOR FUTURE TELECOM USE EXPENSES DRICKINGSOMING EXPENSES	APARTS	2 2							
1683	POWER EXPENSES	ARMIS	\$12,793							
6632	NETWORK ADMINISTRATION EXPENSES	APMIS	\$9,622							
6633	TESTING EXPENSES	ANGMES	\$47.852	\$2,048						

2472 11 6035 ENGMETRING DOPPINGS STATES ARMS 123.965 FOR ARMS 173.965 FOR ARMS

Check Chec					1		
				CAPCS	Wages &	Wages & Sal	CCABC
	Source-Col.E	2002 Balance	TBO	Factors	Salaries	% of Acct	Ratio
10 6552 AUGHTLATION - PROPER FEECON LISE 10 6554 AUGHTLATION - PROPENSE - INVANSE 10 6554 AUGHTLATION - PROPENSE - INVANSE 10 6551 AUGHTLATION - PROPENSE - INVANSE - INVANS	ARMIS	\$508,608					
10 665 AMORITATION EPERSE: INAGRIE E 10 665 AMORITATION EPERSE: INAGRIE E 11 665 AMORITATION EPERSE: INAGRIE E 12 661 AMORITATION EPERSE: INAGRIE E 13 661 AMORITATION EPERSE: INAGRIE E 14 661 AMORITATION EPERSE: INAGRIE E 15 661 AMORITATION EPERSE: INAGRIE E 16 671 AMORITATION EMANCEMENT 16 672 AMORITATION EMANCEMENT 16 673 AMORITATION EMANCEMENT 16 674 AMORITATION EMANCEMENT 16 674 AMORITATION EMANCEMENT 16 675 AMORITATION EMANCEMENT 17 674 AMORITATION EMANCEMENT 16 675 AMORITATION EMANCEMENT 17 675 AMORITATION EMANCEMENT 17 675 AMORITATION EMANCEMENT 18 675 AMORITATION EMANCEMENT	ISE APMIS	9					
10 6664 AMOSTICATION DEPOSITE. INT ANGREE 10 6611 MAGRIZATION DEPOSITE. INT ANGREE 11 6611 PRODUCT MANGERENT 12 6612 MAGRIZATION SERVICES 13 6612 MAGRIZATION SERVICES 14 6613 MAGRIZATION SERVICES 15 6613 MAGRIZATION SERVICES 16 6614 MAGRIZATION SERVICES 16 6714 MAGRIZATION SERVICES 17 MAGRIZATION SERVICES 18 6714 MAGRIZATION SERVICES 18 6715 MAGRIZATION SERVICES 19 7401 MAGRIZATION SERVICES 10 10 10 10 10 10 10		200					
17 666 AMORTICA FLOK EDEN RE - CHERR 19 661 SACIOCAT LANGER REAL 19 661 SACIOCAT LANGER REAL 19 661 SACIOCAT LANGER REAL 10 661 TOTAL LANGER REAL REAL 10 661 TOTAL LANGER REAL REAL 11 CALLER REAL REAL REAL 12 CALLER REAL REAL REAL 13 CALLER REAL REAL REAL 14 672 CALLER REAL REAL REAL 15 CALLER REAL REAL REAL REAL 16 673 ROCANTRIO MANAGERENT 16 673 ROCANTRIO MANAGER RET 17 CALLER REAL REAL REAL REAL REAL REAL 17 CALLER REAL REAL REAL REAL REAL REAL REAL	ABMIS	\$17.793					
10 10 10 10 10 10 10 10	ARMIS	\$1.573					
### ### ### ##########################	ARMIS	26511			0.5		
### 19 ################################	APMIS	\$67,125	103		\$1,811		
### 1074. OLD SERVESS ### 1 0012. OLD SERVESS ### 1 0022. OLD SERVESS ### 1 00	ARMIS	\$6.112			9		
### GOOD ONE FROM SERVICES ### GOOD ONE FROM SER	Sum L78 L80	\$119.748	- 12		21.811	1.51%	
10 6822 AUSTRONES SERVICES	APRAIS	\$5.042	5143		\$2.510	#64 6F	
## ## ## ## ## ## ## ## ## ## ## ## ##	ARMIS	\$19,741	\$376		\$14.983	75.90%	
## 6111 ERECURING ## 612 ACCOLORING AND FINANCE ## 612 ACCOLORING AND FINANCE ## 612 ACCOLORING AND FINANCE ## 612 HOUSE #	ARMIS	\$183,505	\$1.800		150 551	36.28%	
## 6712 PLANNER ## 6722 EXTERNAL RELATIONS ## 6722 EXTERNAL RELATIONS ## 6724 NECONATION MANAGENETY *** ## 6725 NECONATION MANAGENETY *** ## 6726 NECONATION MANAGENETY *** ## 6	APANS	2.7	2		1221		
18 5721 ACCOUNTING AND FINANCE 18 5721 ACCOUNTING AND FINANCE 18 5721 ACCOUNTING AND FINANCE 18 5724 ACCOUNTING AND FINANCE 19 5724 ACCOUNTING AND FINANCE 19 5727 PRESENTENT 18 5727 PRESENTENT 18 5727 PRESENTENT 19 5727 PRESENTENT 10 10 10 10 10 10 10	APMIS	22			04		
## 6172 EXTENDED RELABORATION SERVICES ## 6172 NFT ALMAN REQUERES ## 6173 N	APRAIS	\$24,041			2		
## 6723 HAMAN REGORDER ## 6724 HAMAN REGORDER ## 6724 HEAVEN ## 7240 HER GENERAL AND ALAMSTRATATE ## 7240 HER GENERAL AND ALAMSTRATATE ## 7240 HEAVEN ## 724	APMIS	112.53	20		\$2,817		
91 6724 NFORMATION MANAGAMENT PROCRETION MANAGAMENT PROCRETION PRO	ARMIS	\$38.114	a ;		10.5		
# 672 HERCHENBYT # 673 HERCHENBYT # 674 HERCHENBYT # 674 HERCHENBYT # 674 HERCHENBYT # 675	ARMIS	30,108			1		
19 17 10 17	SASSAS	905.74	1		24		
### 6724 OTHER CENERAL AND CAMBRITATINE ### 6724 OTHER CENERAL AND CAMBRITATINE ### 6724 OTHER CENERAL AND CAMBRITATINE ### 7240 OTHER PLACES ### 7240 OTH	ABINIS	20,03			2		
710 TOTAL CORPOSATE DESCRIPTIONS EXPENSE 81 720 TOTAL CORPOSATE DESCRIPTIONS EXPENSE 82 720 TOTAL CORPOSATE DESCRIPTIONS 83 720 TOTAL TAXES 84 720 TOTAL TAXES 85 720 TOTAL TAXES 86 720 TOTAL TAXES 87 720 TOTAL TAXES 88 720 TOTAL TAXES 89 720 TOTAL TAXES 80 TOTAL	ARMIS	THE PERSON	203		25.518		
### 6797 PROPRIETY TABLE ### 77401 PROPRIETY TABLE ### 77401 PROPRIETY TABLE ### 77401 PROPRIETY TABLE ### 77401 PROPRIETY TABLE ### 101/4. TA	Sum (85 194	\$114.836			19 143	7.80%	
9 1740 1 PROPERTY NORS 9 90 NA TOTAL TAXES 90 NA TOTAL TOTAL TAXES 90 NA TOTAL TAXES		2					
7240 9 OTHER TAXES 99 NA TOTAL TAXES 100 NA TOTAL TAXES 101 TOTAL 101 TOTAL 102 STATE AND ADMINISTRATING STATE STATES STATES 102 TOTAL 103 STATES AND ADMINISTRATING STATES STATES 103 STATES STATES STATES STATES STATES 104 STATES STATES STATES STATES 105 CAST STATES STATES STATES 105 STATES STATES STATES 105	General Ledger	\$95,132					
99 NA TOTAL TAXES 100 101 102 102 103 104 107 105 105 106 107 107 107 107 107 107 107 107 107 107		\$1,036					
100 101 102 103 104 105 105 105 106 107 107 108 107 107 108 108 108 108 108 108 108 108 108 108	Sum 197 1.28	\$96,168					
100 1107A, 100 100 100 100 100 100 100 100 100 10							
100 TOTA.							
100 TOTAL Account REZ3 was separated to account for 2545,344 in newhorese latery costs							
— Account METS was equated to account to SMS, SMS in mentioner latery costs — Account METS was equated to remove the 2002 OSS starting expension of SMS in the substance of persons resiliarment losses of SMT MS in SMS in SMS in SMS in SMS in SMS in Case of Account France - SMS Cod in SMS Account France - SMS Cod in SMS Account Only in SMS MS in SMS in		V	The second				
Also subtracted out persons residence of \$47,801 Sources* Cod F. General Accountant, France - SBC Cod F. General Accountant, France - SBC Cod F. SBC France Good H SBC France Good F SBC France Good Cod I MC France Good France Good Cod III - MC F	costs that were recovered to the Service (Order Computer Processing C	Cost shady	on New York			
Sources: Col F. General Accounted France - SBC Col G. Soot Avenue Charge Factor Bindle Col H - SBC France Group Col I - H / E Col J - H / E Col J - BOOT Avenue Charge Factor Bindle Col J - BOOT Avenue Charge							
Coff - General Accountant, France - SBC Cod - Soft Annual Charge Facts Birdle Cod - SBC France Coup. Cod - H SBC Cod - H SBC							
Col G. 2002 Arena Charpe Factor Barder Col H. 2007 Faces Onug Col H. 2007 Arena Charpe Factor Brater Col H. 2002 Arena Charpe Factor Brater Col H. 2002 Arena Charpe Factor Brater Col H. 2002 Arena Charpe Factor Brater Col Hapate.							
Col H. SIC Flance Group Col H. NIC Col Manuel Charge Factor Benter Col H. 2002 Armal Charge Factor Benter Col Manuel Papalite. Description							
Cod 1 - M J E Cod 1 - 3002 Amenal Charge Factor Bentae Cod 1 - 3002 Amenal Charge Factor Bentae Cod a Popular Description							
CG J. 2002 Armal Charge Factor Bender Other Imputs. Description							
Other Inputs Description							
Other Inputs. Description							
Description							
	Source Inflation Factor Catalator Tool						
TOTAL WASH CHENCH DEPOS THE COUNTY THE CO.	(2004-2007, Seese year 2002, State OH)	1,0696					
and the state of t							
100Commission Assessment Factor	Commission Assessment Tab	0.0014					

Sours OH 2002 GL AD VALOREM TAX FACTOR
AVERAGE BOOK INVESTIBILET.
ACCORD DESCRIBE SOON Investing
VOID 72001 Describe 2000 Investing
VOID 72001 Describe 2000 Investing
VOID 72001 Describe 2000 Investing
VOID 72001 Describe 2000000 Investing

	CLEC ABL 82	NEVERD CANTAL COSTS	\$36,168	\$7,922,759	0.0121	ı	114, 864, 349	\$144,376	111.11	\$1,165,157	0.41%	HS91	\$142,765
	CLECADL #1	FORMAD FORMAD LOCKING PLANT SUBSTREETS (TAS 3 - Castalline (CLEC FT)	\$36,168	\$7,922,759	0.00121	0.0135	110,004,349	\$144.376	18,711	\$1,009,586	0.37%	SES	2142,844
\$200.33 \$7.774.30 \$20.353 \$20.353		(000)	21 82	\$7,922,759	0.00121	0.0135	\$7,792,448	\$105,495	26.711	\$1,362,869	0.49%	6163	8104.976
Searce CH 7000 GL CH 7000 GL CH 7000 GL LVG - (LVB / 2)			Source Let	0.440	1431/143	F113-E117	Teb 3 - Calculations (SBC), LM, Col J	817.517	Tath 3 - Calculations (SBC), USA, Col. N	Tath 3 - Calculations (SBC), LSB, Col L.	L118/L119	227.217	(111-112)
AVENAGE AND REAL STREET, AND STREET, AND STREET, AND Countries 2001 investment 2001 Countries 2001 investment 2001 Promise over December 2001 investment Avenage Societ Investment		CALCUATION, Deliver in 1999	Total Tames	Average Booked Investment	At Valorem Tax Factor	Total At Var A CA Factor	Pet	Forward Looking Ad Valorem Tay	TPIS Common Couts	Total TPIS Coets	Percent Ad Valorem Tax Common	Common Ad Valorem Tax	Direct Ad Visionem Tex
A02045 A02045 2001 2001 2001		CALCULA	-	Đ.	£ ;		100	17	18	10	50	27	223

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				CARCADA B
	Description	Source	Value (9000)	REVIEED CANTAL
Capital Costs				
	Account 2124 Balanca	n	\$73,004	\$73,004
		AlT 2002 Computer		
	Percent Non-Mainhaire computers (Chici	Distriction	2,00%	2,00%
	Account 2124 Batance - Non-Mainhaire portion		\$1,460	\$1,480
	Mainhama Costs - Investment	1123-1129	571.543	57.50
	Less Sendra Ontai Cod Stub Adhament (2) 50% of Mainhame Cods to OH)	Parent Car Ban	\$2.507	12.537
	Aftertad Maintaine Costs-Investment		\$68,007	200,007
	OC to BC Rate	17.046	0.2717	0.2717
	Coults Cost Factor	0,000	24 73%	18.37%
	Material and Depter Cost	0017.0217.0217	N.637	\$3,445
	Support Asset Common Cost	5	214	20
	Total General Purpose Computers - Constron Cost	וווויוומ	1997	\$3,445
- Contains			7	
	Account 8124 Searce	ALT NOTE COMMAN	\$88,002	\$560,002
	Percent Non-Mainhame computers (Chio)	Distration	2.00%	2.00%
	Account 6124 Balance Non-Maintene porton		\$1,780	\$1,760
	Mainhane Cotts - Expense	M11-M11	\$100,342	DE.M2
	Less Service Order Coal Study Adjustment (21 58% of Maenhame Coals for CH)	Promety Car Ban	\$5,673	\$5.873
	Adjusted Maintrame Costs - Expenses		\$80,369	\$80,369
	Support Assel Common Cost	127	1356	\$358
	Total Majorbarra Constron Costs	1138 + 1140	S80.728	\$40 728

0 Total TELRIC Cabad Whw/257C Investment 11.04.20 11.04.20 11.04.20 11.04.20 11.04.20 11.04.20 11.04.20 11.04.20 11.04.20 **EEEEEEE** MddBre Perset Total Workey Coper
Di-Respons Titles
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Di-Respons
Di-Respons \$1.45,008 \$7,931 \$13,006 \$129,639 \$15,771 \$1,252,760 \$421,579 \$685,703 Total
TELRIC Loss
Investment 14.4 122 550 122 550 122 550 123 55 4 128 550 SWIFTS Distance, Dec. U.S. Chilopoper Cast.
SAGERT AND RTS (ASSET) (AS Total Working Loops 25.00 CS PG23 DAE 7-wee Avaing Loop Study FORWARD-LOCKING ADJUSTMENTS - Cable & Wire Facilities investment and 257C.
A CONDUCTORE NON-METALIC
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CONDUCTORE NOTALIC Cable & Wine Facilies Account DIGITAL CIRCUIT EQUIPMENT 241 420 241 220 242 220 242 80 242 80 242 80 242 80 242 80 244 80 244 80 2232 247C Account 3333533 2007

Sources:
Interface Addition and Addition 1, Interdition CAM Investment FALCAM Investment that is (Row 1415 + Row 1410 + Row 1410 + Row 1415 + Row 1410 + Row 1415 + R

	*	100	U	٥	E
_	Acmaril	Acmel	2002 Investment	Total	Percent
_	Source	Description	Gormel Cost Tel 3 Catalellors	TELRIC CAW IIIV	E-DC
_	2411	9015	299.652	118.30	28.2
_	2421 A22C	AERIAL CABLE - NON-METALLIC	\$58.870	333	
	3421.220	AFRIAL CABLE - METALLIC	\$1,308,723	\$590,722	
	2421	NERIAL CABLE	11 364 592	\$605,765	44.23
	3422.850	UNDERGROUND CABLE - NON-METALLIC	1202.621	114.021	
	2422.SC	UNDERGROUND CABLE - METALLIC	\$879,654	\$355,099	
	2422	UNDERGROUND CABLE	\$1,182,476	121,890,121	31.22%
	2423.845C	BURRED CABLE - NON-METALLIC	\$122,965	\$16,969	
	2473.450	BURIED CABLE - METALLIC	\$1,142,581	\$1,349,521	
	2423	BURNED CARLE	\$1,285,525	\$1,366,510	107.98
	2441	CONDUIT	\$1,453,781	MS4.246	31.25%
	2232 283	CIRCUIT EQUIPMENT	\$885,922	\$885,703	SA AG
	TOTAL		\$6.574.963	\$3,837,106	8 M

				e		
			,		TELNIC	Total TELIBIC
	-	Source	Chek	Oversity	bryestment	breathent (3000)
		Switch Capacity Health				
_	End Office Analog Line Ports	Reports - SICAT	DRO	1,540,937	\$64.14	\$227,683
		Switch Capacity Health				
	End Office Digital Truck Ports (TRDDR)	Reports - SICAT	DS1	10.985	\$10,982.64	\$219.48
		Switch Capacity Health				
	End Office Trush Ports (DS1) (Includes ACTS)	Reports - SICAT	D81	41,068	\$3,189.36	\$130,94
121	Tandem Office Trusk Ports		180	21,238	\$2.224 DB	147.235
		Digital Network				
		Deployment Contracts.				
		Switch Capacity Leant				
	PRE Line Plants	Reports)	DB1	4.076	\$3,787.30	\$33.99
		Digital Name of				
		Deployment Contracts.				
		Switch Capacity Health				
	BRI Line Plans	Reports	DSG	28,213	\$293.86	\$8.28E
	- Charge		Digg	4,029,577	15903	\$155,300
	987 (LSTP)	SIGCO\$7.2.2	Total			\$43.933

W	SST (RSTP and SCP - Offic portion) Total is used at L181	SIGCOST 2.2	Total		\$28,067,840	\$5,817
79 Switching	switching investment Factors					
	Total Digital Electronic Selecting 2212/377C	Source	ector	Investment Amount	Calculation	
	Forward Looking Switching Investment	4117	872,726	872.726		
	Materials to Total EFEI	OH 2002 ACF4	78.91%	\$ 688.668	LIBIT LIRZ Factor Col	
	Sales Tax	OH 2002 ACF4	0.00%	-	L182 * L183 Factor Col.	
	Forward Looking Switching Investment with Sales Tax	OH 2002 ACFs		\$ 872.726	(18) - (18)	
	Telos Engineering	OH 2002 ACF4	34%	11,695	1184 1185 Factor Col.	
	Sundry & Miscelaneous	OH 2002 AOFs	0.65%	\$ 5.873	L184 'L186 Factor Col	
	Teico Plant Labor	OH 2002 ACF+	1.57%	13,702	LIBM "LIBT Pactor Cox	
	Total Forward Looking Switching Installed Investment			\$ 903,795	Sum of (L1841.187)	
	Power	OH 2002 ACH	8.57%	\$ 77,455	L188 'L189 Factor Col.	
	Total Forward Locking Delicting Investment			127186	Sum of (L1881,189)	
	Current Cost - Account 2212	Tab 3 - Calquistions (SBC), L12		\$1,115,303		
	TEL BIOTO assess Over	1100111001		-		

3	UPPORT ASSETS	8573						
			Forward-La	Orwand-Looking Wages & Salaries				
	•		U				0	1
	-	Description	forms	Account	98	Balance	Wapes&Selaries	Common
1				H 181	181 181	3.0	181 6 185	9.4
	6610	WHOLESALE MARKETING	Tato 1 Hamada, L25	\$6,265	103	\$6.234	W151	755
	6711	EXECUTIVE	187	21.12	R	E4.178	7.86%	\$333
	6712	PLANNING	25	2	a	22	1.80%	03
	8721	ACCOUNTING AND FINANCE	197	124,041		DA.040	7.80.7	\$1.914
	67.22	EXTERNAL RELATIONS	199	\$12,526	\$12	\$12.514	7.86.7	32996
	6723	HUMAN RESOURCES	607	\$38,114	24	\$38,112	7.86%	\$3.03
	6724	INFORMATION MANAGEMENT	967	\$30,105	216	\$30,0M6	7.96%	\$2,39
	87.25	LEGAL	167	\$7,959	9	17.958	7.967	N.M.
	6726	PROCUREMENT	785	\$2,239	04	\$2,230	7.86.4	\$179
	6727	RESEARCH AND DEVELOPMENT	183	\$2,523	9	\$2,523	7.96%	100
	6728	OTHER GENERAL AND ADMINISTRATIVE	3	(FG 551)	137	(36,801)	187	999
		TOTAL						167.83

Captal' Expense	Account Description	Experies Amount		- 1	Operating Experien	C. Capital SA Factor	Formard Looking Wyddau	Part of the control o
1	Source	The set Teach Season Company of the Set Teach Company of the Season Company of the Seaso	Act me tay may as a control of the c	Agent Age Tests Ta.	20.		3	-
2111	LAND - ADMINISTRATIVE		BK2MG	\$1,763,784,411		0.0021		115
2112	MOTOR VEHICLES - ADMINISTRATIVE		54.135.345	\$1,309,093,031		0.0040	\$9.231	13
2114	TOOLS AND OTHER WORK EQUIPMENT			\$1,281,629,960		0.0000	19.231	*
2121	BUILDINGS - ADMINISTRATION		STA NOT ALL	\$1,763,784,411		0.128	\$9,231	\$1.27
2122	FURNITURE		12,127,290	\$1,763,784,411		0.0012	\$8,231	
2123	OFFICE EQUIPMENT		\$4,118,368	\$1,763,764,411		0.0035	\$8.231	\$33
2124	GENERAL PURPOSE COMPUTERS		Transport of the last	\$1,662,016,876		0.0015	\$9,231	25
6112	MOTOR VEHICLES	\$3,240,662		\$1,309,093,031	0.0025		102.01	123
6114	TODUS AND OTHER WORK EQUIPMENT			\$1,281,629,989	0 0000		\$9.231	30
6121	BUILDINGS	\$59, 325, 795		\$1,763,784,411	0.03%		\$8,231	101
6122	FURNITURE	\$2,106,422		\$1,763,784,411	0.0012		102.83	
6123	OFFICE EQUIPMENT	\$99,058,796		\$1,763,784,411	0.0962		18,231	\$318
6124	GENERAL PLAPOSE COMPUTERS	\$16,896,819		\$1,662,016,876	0.0368		\$9,231	\$359
6563	AMORTIZATION EXPENSE - TANGIBLE	\$4.489.297		\$1,763,784,411	0.0025		162.83	123
	TOTAL FACTORS				0.1349	0.1452		E 58

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Wholesals Marketing Description Amount (\$600)

Bource South Services, Inc.

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	3, Flad with OH	7	(\$000a)	2002 EUT	85.516	64,989 829,045	2,574	6.417	50.10	1,584,230	18,890	5,739	15.529	1,022,451	10,294	5	32 382	138.578	810,88	788,019	526.837	BEA 588	0 04	6,965	12,169	655,752 80,049																					
	Source, 2001/2002 GL Flied with		Investment inputs (\$000s)	100 7007 3	\$ 68,589 \$	5 62,783 5 5 608,862 5	1 3,643 1	1,142 5	12.857	1 1,494,733	18.821	1 224	16,367	1 807,705	1 (307 3			1 134542 1			315,489	\$ 622,723 \$	5 017	\$ CW0 5		2 10 10 10 10 10 10 10 10 10 10 10 10 10																					
	Source On 2002 ACF	,	CCABC	1 0000	1 0354	2 2729	1.4556	1 0324	02717	0.7245	1.1601	1 0245	10164	0.9713	10179	. 10000	1244	2 9942	1 1034	1,0800	1.8811	TX.	44125	11034	1 3000	1,0000																					
		-	Wages & Sal	200																																											
		I	Wages &																																												
		0	CAPCS	18.40%	15.00%	2.865	8 30.V	181	1837	10 92%	200	27.50	1000	13.08%	20.07		14.03%	10.00%	215.11	10.09%	VSE 4	10.10%		11.27×		20 90																					
TOTAL STORY	Flad #5 O+ 2002		9	200						0.25			W.75	100				118	R	200	\$203	2003					\$1,72						\$1,548		2	1773			201.00	51373	\$2,098						
2004-2007 IMPUTS (\$000)		-	Averaged (K+L)/2	\$17,710	177,053	\$67.691	53,109	\$6,780	\$6.657	\$1.539,482	55,61	\$6,482	\$15,948 1027 FL	\$1.010,358	\$1.587	25	\$32,630	138,360	121,123	\$168,012	\$521,163	\$848.856	2 2	\$6,909	08	K1.14	\$7.918,989	100	77.2	\$38.270	\$16.696	\$500,002	\$40,076	aa	262	450.55A	15,407	11,760	E3.778	175,390	\$53,219	25	\$1.730	20 02	8	\$12.783	
		٥	SourseCol	ARMIS	ARMIS	ARMIS	ARMIS	ARMIS	ARMIS	ARMIS	APANIS Canada I alton	General Ledger	Canara Ladge	General Ledge	ARMIS	APMIS	ARMIS	ARMIS	General Ledger	German Ledger	General Ledge General Ledge	General Ledger	General Ledger	Carrent Ladge	ARMIS	APMIS	Sum L1 L34	ARMIS	ARMIS	ARMIS	ARMIS	ARMIS	ARMIS	ARMIS	ARMIS	ARMES	ARMIS	ARMES	ARMIS	ARMIS	ARMIS	ARMIS	ARMIS	ARMIS	ARMIS	ARMIS	
		ų	Description	CAND	MOTOR VEHICLES	TOCKS AND OTHER WORK EQUIPMENT EXPENSE. BUILDINGS	FURNITURE	OFFICE EQUIPMENT	ANALOG ELECTRONIC SWITCHING	DIGITAL ELECTRONIC SMITCHING	OPERATOR SYSTEMS RADIO SYSTEMS-AON OSTITUTAR MORITE	RADIO SYSTEMS OTHER RADIO FACILITIES	DIGITAL CIRCUIT EQUIPMENT	DIGITAL CIRCUIT EQUIPMENT	STATION APPARATUS	CUSTOMER PREMISES WHRING LARGE PRINATE RRANCH EXCHANGES	PUBLIC TELEPHONE TERMINAL EQUIPMENT	POLES	AERIAL CABLE - NON-METALLIC	UNDERGROUND CABLE - NOW-WETALLIC	UNDERGROUND CABLE - METALLIC REPIED CARE F. NONAMETALLIC	BURRED CABLE - METALLIC	SUBMARINE CABLE - NON-METALLIC SUBMARINE CABLE - METALLIC	INTRABULDING NETWORK CABLE - NON-METALLIC	AERIAL WIRE	INTANGBLE ASSETS	TOTAL TPIS	UNCOLLECTIBLE - OTHER	MOTOR VEHICLE EXPENSES TOOLS AND OTHER WORK EQUIPMENT EXPENSE	LAND AND BUILDING EIPENSES	FUHNITURE AND ARTWORKS EXPENSES OFFICE EQUIPMENT EXPENSES	GENERAL PURPOSE COMPUTERS EXPENSES ANALOGE FETBONIC EXPENSES	DIGITAL ELECTRONIC EXPENSES	ELECTRO-MECHANICAL EXPENSES OPERATOR SYSTEMS EXPENSES	RADIO SYSTEMS EXPENSES		STATION APPARATUS EXPENSES LARGE PRIVATE BRANCH EXCHANGE EXPENSES	PUBLIC TELEPHONE TERMINAL EQUIPMENT EXPENSES	POLE EXPENSES	AERIAL CABLE EXPENSES	UNDERGROUND CABLE EXPENSES BURIED CABLE EXPENSES	SUBMARINE CABLE EXPENSES DEEP SEA CABLE EXPENSES	INTRABULDING NETWORK CABLE EXPENSES	AERIAL WIRE EXPENSES COMDUT SYSTEMS EXPENSES	PROPERTY HELD FOR FUTURE TELECOM USE EXPENSES	PROVISIONING EXPENSES POWER EXPENSES	
			******	2111	21.12	2121	27.22	212	22112	2212	2220	2231.87C	2232 1S7C	2722 3570	224.570	2321	1902	3411	2421 822C	2422.85C	2422.50	3423.45C	2424 860	2428.462C	2431	38.80	2000	5305	6112	6121	6123	8124	51.29	8220	6231	6232 (non 257)	200	1929	2002	124	22.52	20.00	W.W.	33	1159	6631	
		4		-	10.0	•	**			•	2:	2	2:	2:	17.00	2 2	R	. 7	22	c x	23	Ħ	R R	51	18	X X	×:	2	# Q	4	44	3 2	*	7 7	2 9		3 3	3.5	2 8	15	2 2	9 4	5 5	23	201	85	į

								-
			CLEC AL PR		2	Wages &	Wages & Sal	0000
	Description	Source-Col.E	2002 Belance	TBO	Factors	Salaries	N of Acet	Ratio
		ARMIS	\$508,808					
6562	DEPRECIATION - PROP HELD FOR FUTURE TELECOM USE	ARMIS	05					
		ADMIN	5700					
		2000	-					
		ARMIS	21/193					
		ARMIS	\$1,573					
	PRODUCT MANAGEMENT	ARMIS	\$46.511			2		
79 6612	SALES	ARMIS	\$57,125	ī		51.811		
6613	PRODUCT ADVERTISING	ARMIS				9		
		Sum L78 LAD	6113.636	101		STATE	r 50%	
	~	ARMIS	68 042	1713		25 610	100	
		PIPOT I	200 741	200		20071	***************************************	
		STATE OF THE PERSON NAMED IN	100	100		36.414	13.80	
		MANIE	\$163,505	1,000		200	× 28.4	
		AHMIS	87.17	2		1224		
		ARMIS	55			2		
		ARMIS	\$24.041	-		2		
		ARMIS	612.576	\$12		\$2.617		
		ARMIS	\$38.114	17		\$104		
	INFORMATION MANAGEMENT	ARMIS	\$30,105	\$18		2445		
	LEGAL	ARMIS	\$7,959			123		
6726	PROCUREMENT	ARMIS	\$2,239	g		\$213		
6727		ARMIS	\$2.523			2		
6728	OTHER CENERAL AND ADMINISTRATIVE	ARMIS	CEASO	113		\$5.518		
		Sum 1.85 1.94	\$114.636			\$9.143	7.80	
6790		ARMIS	30					
7240		Constant Language	\$96,132					
7240.8	8 OTHER TAXES	Centeral Ladge	\$1.036					
	TOTAL TAXES	Sum 1.97 1.98	\$96,168					
30.74				-				
Account	** Azzuard Mi724 was adjusted to account for \$545,346 in maintraine labor costs that were recovered in the Service Orde Computer Processing Cost study	S art is consent to the S	ervice Order Computer Processe	ing Cost study				
Also subs		2 955 and added back or	the average OSS Testing costs	of \$14, 132,110 mounted d	uring 2000-2001			
Sources								
Car G								
Ca G - 2	Col. G. 2002 Armusi Charge Factor Benter							
Cos H SBC	Col. H. SBC Filance Group							
200	Col. J - 7002 Armuni Change Factor Berger							
Other Inputs	aute.							
Description	- Figure 1	Source						
		(2004-2007 hase year 2002	8					
4 year plan	1054 year planning period mid-point inflation factor	Sia- Ort	1,0866					
		OH 2002 ACT 2003-15-30 sh						
Correttask	10) Commission Assessment Factor	Communical Assessment Tab	\$ 00.14					

	CONF. MATACOON		
AVERAG	E BOOK INVESTMENT:		(2000)
Acco	Anti Description	South	
200	20 December 2002 Investment	OH 2002 GL	98.070,836
200	01 December 2001 Investment	OH 2002 GL	\$7,774.583
200	71 Increase over December 2001 Investment	OH 2002 GL	151 9625
	Average Booked Investment	L107 - (L109 / 2)	\$7,922,759

EPPEPEPEBBBB

	sundan model mann			CLECADJ 42	27 (2)
	Description	Source	Value (1000)	REVISED CAPITAL	CAPITAL
Capital Costs					
	Account 2124 Balance	17	\$73,004	8	\$73,004
		All 2002 Computer			
	Percent Non-Maintene compulers (Otto)	Dathbulon	2.00%	r.	2,00%
	Azourt 2124 Balance - Non-Marthana portion		\$1,460	09	11,460
	Maintaine Costs - Investment	123 C31	135143	63	\$71.50
	Less Sanks Dribe Cod Study Adjustment (21 MM, of Maetherna Costs for OH)	Property Con But	10.537	37	12.537
	Adjusted Mainhame Costs-in-estment		\$69,007	07	\$69,007
	CC to BC Ratio	L7 Cals	11120	41.6	0.2717
	Captal Cost Factor	U.CaG	24 73%	3%	18.37%
	Maerhame Capital Cost	DELT. DELT. DELT	158.37	37	\$3,445
	Support Asset Common Cost	121	\$34	3.4	20
	fotal General Purpose Computers - Common Cost	2517+1617	1 665	51	\$3,445
Commen					
	Account 6124 Balanca	A/T 2002 Computer	\$64.002	200	\$58,002
	Percent Non-Mainhane computers (Disc)	Distribution	2 00%	6	2.00%
	Account 6124 Balance - Non- Mainthame portion		17.18	99	\$1,760
	Maintrane Costs - Expense	M11-W17	\$86,342	42	\$56.242
	Late Service Onder Cost Study Adjustment (21 MW, of Materiame Costs for OH)	Promeng Con Blan	\$5.873	12	\$5,873
	Ağlusind Mainhame Costs - Expenses		\$80,368	69	\$80,369
	Support Asset Correnon Cost	123	8328	88	\$359
	Total Mainthams Common Costa	L139 - L140	\$80,728	28	\$80,728

FORWARD-LOCKING ADJUSTMENTS - Cable & Wice Facilities investment and 257C

			0 }	4	-	3
Account	Account Account Account Inspire Descriptor	1 20	Working	TELRIC Loop	Adding	TELPIC Cacinal Wire 257C
Source		UNE Z-eire Analog Loop Study	NECA USF Films	0.5	ARMIS 43-04 TB 1	GENERA
	Cable & Wire Facilies					
34	2411 POLES	\$ 33.50	4328.550	\$145,058	7117	\$196,282
2421	9	CV 18		108.43	1111	
2421	421.22C AFRIAL CABLE - METALLIC	M 1218		\$553.837	2117	
2422	422.85C UNDERGROUND CABLE - NON-METALLIC	13.01		\$13.018	717	
242	2	\$78.14		\$129.639	3434	
2421	100	196	4 329 550	\$15.771	217	
2423	8	\$286.35		\$1,252,760	1114	11,349,521
36	24ri conduit	86,78	4329.960	\$421,676	1.17	
22.22	222 257C DIGITAL CROUT EQUIPMENT	\$204.57	4.525.550	\$865,703		\$345,703
	Zone Weighdings		1			
	Receive		Percent of Total	Total Working Loops		
	Source	SWIFTS Database, Dec. 02 C+Region/Total		Di-Ragion'N' Total		
151	Urban	550,870	١.	659.810		
152	Subutan	1,458,175	40 45	1,747,741		
	Russ	1,604,601,1	44.75	1,921,999		
	Total	3.614,706		4,129,550		

Source:
| Source: Addition to an addition of the Committee of the CAM Investment that is 10 or 474 or 10 or 1450 or 1500 or 160 or 160 or 160 or 1610 or 160 or 160

Factorial Parcent	148 E-DC	\$156.362 M.24%	\$8.50	\$590,722	\$606,265 44,21%	\$14,021	\$355,099	\$369,121 H.22%	\$16,989	11,348,521	\$1,366,510 107,98%	MS4,246 31,25%	SABA 201
2002 Pressment TELRIC CKW I	Tab 3-Calculations (142.)	MOR.657	558.570	\$1,306,723				\$1,162,476				\$1.453.781	200 000
6 Account Descriptor		POLES	AERIAL CABLE - NON-METALLIC	AERIAL CABLE - METALLIC	AERIAL CABLE	UNDERGROUND CABLE - NOH-METALLIC	UNDERGROUND CABLE - METALLIC	UNDERGROUND CABLE	BURNED CABLE - NON-METALLIC	BURRED CABLE : NETALLIC	BURIED CABLE	COMOUNT	The section and the residence
	ecuros.	2411	CPI RZZC	3421 220	2421	2422 BSC	2422.90	2422	2423.8450	2421.450	2423	2441	1961 361
Ama	as		ě										

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	1	Bours	35	Quentity	TELBIC	Total TELRIC
L.	East Office Assessment the Doors	Switch Capacity Health Beroots - SICAT	500	140001	2.25	100 1111
	and the same of th	Switch Capacity Health		The state of the s		
	End Office Digital Trunk Ports (TROOR)	Reports - SICAT Switch Capacity Health	Dist	100	\$10,982,64	\$219.448
0	End Office Trush Piteta (DS1) (Indudes ADTS)	Reports - SICAT	DIST	41,068	\$3.166.36	\$130,981
121	Tandem Office Trush Ponts		150	21,238	\$2,224.04	M1.238
		Digital Network Deployment Contracts. Switch Capacity Health				
Pe .	PRI Line Ports	Reports Ogster Nament Deployment Contracts Switch Capacity Health	Dât	8.876	00,040,00	23,986
173	BRILLING POSTS	Reports)	1KO	28.213	\$283.56	\$4.285
174	Usage		CASO	4.029.577	23.54	\$155,300
*	557 0.570	SIGCOST 2.2	Total			20.12

tching live	79 Switching Investment Factors							
	Total Digital Electronic Switching 22/2/3770	Source	\rightarrow	Investment Amount	Calculation			
	Forward Locking Switching Investment Metavisia to Total EFA	OH 2002 ACF1	78.91%	872.726	L181 1,182 Factor Cox			
	Sales Tite	OH 2002 ACF1	0.00%		L182 'L183 Factor Col			
	Forward Locking Selfching Investment with Sales Tax	OH 2002 ACF4	37.	11.895	1184 - L185 Factor Col			
	Sundry & Miscellaneous	OH 2002 ACF1	0.65%		L184 * L186 Factor Ca.			
	Telco Plant Labor Total Forward Looking Switching Installed Investment	DH 2002 ACF 8	1572	13,702	Sum of [L1841.187]			
	Power	OH 2002 ACFs	8.57% S	77,455	L188 * L189 Factor Cot			
	Total Forward Locking Switching Investment Turner Date - American 2212	Ten 1 - Calculations (SRC) (12	21	\$1 115,303	Sum of (L1881,189)			
	COLUMN TORRES - SECONDA SE SE							
	TEL/BIDICurrent Cost	L1907L191		87.98×				
SUPPORT ASSETS	SETS		The second second					
1			Forward-Looking Wages & Salaries			4	7	
4		0	0		Raisnos	Waces & Salaries	Common	
Acd	Description	Source	Balance	180	Less TBO	,	Wgs&Sal	
			MI 581	185 194	9.0	181 & 195	0.4	
6772	WHOLESALE MARKETING EXECUTIVE PLANNING	Teb 1: Results, LZ9 L85 L86	22.23	288	E S	188	0.00	
100	STREET, CALL CALLE	182	190 903		224.040	787	\$1.914	
8722	EXTERNAL RELATIONS	200	\$12.526	\$12	\$12,514	7.86.7	2000	
6723	HUMAN RESOURCES	87	538,714	11	\$38,112	88.	NO.13	
6724	INFORMATION MANAGEMENT	187	17 858	-	D 959	1887	1634	
67.26	PROCUREMENT	767	EZ 238	R	\$2,239	180	\$178	
6727	RESEARCH AND DEVELOPMENT	267	\$2.523	9	12,523	28.	1003	
6728	OTHER GENERAL AND ADMINISTRATIVE		(NO. COA)	2	n n			
	#10TA						\$9,236	
		2	0				x	-
Capital/					Operating	Capital	Forest	Support
Expense	1	Expense	Capital		Expense	Cost	Looking	1
Account	Account Description	Amount	Amount	Salary	3A Fector	SA Pactor	- William	3
		Suspert Asset Factor Tay AT	Barrel Asset Facts Tal	Support Asset Pactor Tax AT 2002 LAY 2002-19-20				
			CLINCALL IN		9/0-	370.	7	Water H
2111	I AND . ADMINISTRATIVE		\$1.62.345	\$1.763.784.411		0.0021	\$9.236	\$15
2412	MOTOR VEHICLES - ADMINISTRATIVE		KASA, MS	\$1,309,393,031		0.0040	\$8,236	137
2114	TOOLS AND OTHER WORK EQUIPMENT			\$1,261,629,969		0,0000	\$6,236	*
2121	BUILDINGS - ADMINISTRATION		173, 307,021	\$1,763,784,411		0.1328	\$9,236	\$1,227
2122	FURNITURE		17,17,299	\$1,763,784,411		0.0012	38.236	
212	OFFICE EQUIPMENT		F 112.360	E4 463 754 411		0,0000	19,730	417
2124	GENERAL PURPOSE COMPUTENS	£3 340 ABC	N. W. III	\$1,000,010,000	0.0038		\$0.236	22
F114	TODICS AND OTHER WORK FOURMENT			\$1,761,629,969	0,0000		\$9.236	20
8121	BURDINGS	\$59,129,795		\$1,763,784,411	0.0336		\$9,236	1103
6122	FURNITURE	\$2.106.422		\$1,763,784,411	0.0012		\$9,236	112
6123	CENERAL PLEBOSE COMPLITERS	\$64 S66 F19		\$1,763,784,411	0.0388		\$9.236	952
6563	AMORTIZATION EXPENSE. TANGIBLE	187 887 73		\$1,763,784,411	0.0025		\$8,236	\$24
	TOTAL CACTORS				0.1349	0.1452		22.50

	æ	0	a	4
Industry Markets (IM) VP Organization	SBC IM 2002 Total Exp (Soot)	SBC M 2002 Total Direct Exp. (\$000)	All Share of Total SBC	Aut in 2002 Total Direct Exp (\$300)
ours	M Finance	IN Finance	1.228	0.0.
coord Team	95E E.S.	01	32.19%	0\$
avelng	\$29,228	05	32 19%	03
ccess Operations	249,280	\$69.280	32 19%	\$22.299
ocal Operations	\$313,744	\$313,744	32 19%	\$100,983
65	\$28,032	\$28,032	32 19%	\$9,022
upport - Colocation	SA	05	32 19%	O.
cremental Lata Uncolections	107,988	\$88,704	32 19%	\$26,872
dai M Eqentes	SMS MS	\$500,760		\$161,176
BC Midwest Total Operating Expenses (2002 ARMES, Direct Regula	egulated), Less Accts 6610, 6710, 6720, 6790	6730, 6790		\$2,334,615
Moissais Deed Cost Persentage (Alf hid Mas Deed / Total Alf C	Ompany Deed!			7.06.7

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Wholesale Markeling	
Description	Amount (\$000)
Source	2002 General Ledger
Americal Services, Inc.	18.78
SBC Operations	788
Ohio Wholesale booked to 6610	\$6.267
Total ALT Other for Account 6610	\$119,748
Section Designs on Resemble of Late Concession	400 1

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UNCOLLECTIBLE EXPENSES	Account		HO
Source		9	erera Ledger
END USER.			
END USER ACCRUAL	111 1005	*	296 141 00
INTER END USER DIRECT CHARGE	5384.112		NUMBER DO
NTER END USER DIRECT CHARGIT - Figuri Access	\$301.3		-
NTRA END USER ACCRUAL	5301.511	*	54.811.179.00
NTRA END USER DIRECT CHARGE	5301.512		148,370,00
OTHER INTRASTATE	5302.5		284,002,00
Subtotal		-	54,048,588,00
Retail Portion of Total Uncollectibles		Ц	4444
RESALEMHOLESALE			
ALDIS AND Special Markets (RS)	*il \$301		18,160,205
Substerial			ESSA, 295
Afterhoose Portion of Total Uncollectibles			11.45
		, 7	

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			2004-2007 INPUTS (\$000)	SOUTH RODGERS EDOX								
				Flad and OH 2002				ACT ACT	Source: 2001/2002 (3, Fled wth Or 2002 ACF: ARMS	MES - CO		
	2	a	Freetments are		ø	ı	-		×	1	200	10.1
1	Parcelolina	Source-Col	Averaged (K+L)/2	180	Factors **	Wages &	Wages & Sal	CC/BC Ratio	mbout	2002 EOY	-	REGULATED TRO
2111	OWY	ARMIS	\$17,710		707 DI			1 0000	17,634 5	47,785 85,516	71.054	
111	MOTOR VEHICLES TOOLS AND OTHER WORK EQUIPMENT EXPENSE	ARMIS	188,038		12 M.S.			1,1404	62,793	3	80,208	
1212	BUILDINGS	APINIS	\$618,964 \$3 109		81518			1 4556	3,643	2,574	2,558	1.5
272	OFFICE EQUIPMENT:	ARMIS	28.780		18.883			1,0324	1,142 1	6.417	8.578	
2124	GENERAL PURPOSE COMPUTERS	ARMES	\$73,004		18.37%			62717	12 867 5	51.18	66,810	1,1-
2772	ANALOG ELECTRONIC SWITCHING DIGITAL ELECTRONIC SWITCHING	ARMIS	\$1,539,482	\$70	10.92%			0.7245	1,484,733 \$	1.584.230	1,538,841	
2220		ARMIS	\$19,356		27751 27751			1 1601	19,671 5	18.890	18,068	1 4
2231 1670	RADIO SYSTEMS-NON CELLULAR MOBILE RADIO SYSTEMS-OTHER RADIO FACILITIES	General Ledger	\$6.482		13.725			9 0245	1,226 5	8,739	5,482	
2232, 1570		General Ledger	\$15,948	-	3. DAY.			10164	1 (8.87 1	15.526	15,947	1 4
2232 2570		Ceneral Ledges	\$1 010 358	101	13062			0.9713	1 897,785 1	1,023,451	1,010,322	5
2232 570		General Ledges	\$70.783		24.07%			27101	11,273 5	70.294	70.781	
2311	STATION APPARATUS	ARMIS	18513							100		
17.	LARGE PRIVATE BRANCH EXCHANGES	ARMS	2		-			1,0000		10000		1.0
1977	PUBLIC TELEPHONE TERMINAL EQUIPMENT	ARMIS	\$12,830		MAN			0.9770	11,237 \$	11,280	11,284	
12	POLES	ARMIS	\$136.560	225	7.69 01			2.9942	134342 1	138.578	136.560	
2421 8220		General Ledger	\$51,353	2 3	11.51%			1 7034	244.175 5	268,019	786.097	
3427.23C		Cereta Ledge	\$188,012	sia.	A 80 01			1,0800	183.324 \$	192 701	188.010	215
2422.SC		Ceneral Ledge	152,163	503	1 15%			MO1 1	110.051 5	112.832	111.441	
3423.450		German Langer	\$840,856	1993	NO. 01			1367	1 02.23 1	864 988	148,851	693
2424.860	SUBMARINE CABLE - NON-METALLIC	General Ledger	2 2					443	* * * * * * * * * * * * * * * * * * * *	410	**	
3428 462C		General Ledger	\$6,909		ALLI			1 1034		S 963	67808	
2428 442	C INTRABUILDING NETWORK CABLE - METALLIC	General Ledger	182,223		1127%			1 0000	1 92.278 1	82,169	82,223	
74.	CONDUIT SYSTEMS	ARMIS	\$646,729		191			2.2479	\$ 807,708 \$	855,752	67 000	
2880	INTANGBLE ASSETS	Sum 11 134	17 216 369	27.13	188			2000		BOYNE	2407.14	
5301	UNCOLLECTIBLE REVENUE	ARMIS	575,445								59,862	1
2302	UNCOLLECTIBLE - OTHER	ARMIS	201								2,002	
6112	MOTOR VEHICLE EXPENSES TOOLS AND OTHER WORK FOLIPMENT EXPENSE	ARMIS	27.2								692	
6173	LAND AND BUILDING EXPENSES	ARMIS	\$38,270								35,470	
6122	FURNITURE AND ARTWORKS EXPENSES	ARMIS	2015								14.358	
6124	GENERAL PURPOSE COMPUTERS EXPENSES	ARMIS	\$56,002								78.758	
6211	ANALOG ELECTRONIC EXPENSES	ARMIS	\$772	41.644							46.063	
6215	DIGITAL ELECTRONIC EXPENSES ELECTRO-MECHANICAL EXPENSES	ARMIS	2								*	
8220	OPERATOR SYSTEMS EXPENSES	ARMIS	24 50								80	
6230	RADIO SYSTEMS EXPENSES 7 CIRCUIT EQUIPMENT EXPENSES - 257	ARMIS	\$6.315	530							6,315	268
6232 (non 257)		ARMIS	23,058	5773							25,057	
2	STATION APPARATUS EXPENSES LABOR DONATE REANCH EXCHANGE EXPENSES	ARMIS	08									
6351	PUBLIC TELEPHONE TERMINAL EQUIPMENT EXPENSES	ARMIS	\$1,760									
6362	OTHER TERMINAL EQUIPMENT EXPENSES	ARMIS	\$3.778	201.10							3.778	
2 2	AERIAL CABLE EXPENSES	ARMIS	\$75,390	\$13.75							78,390	1,375
6422	UNDERGROUND CABLE EXPENSES	ARMIS	\$20.198	2000							52,219	2.0
609	SUBMARINE CABLE EXPENSES	ARMIS	24									
6M25	DEEP SEA CABLE EXPENSES	ARMIS	3 :								1 736	
9426	INTRABULDING NETWORK CABLE EXPENSES	ARMIS	200									
ī	CONDUIT SYSTEMS EXPENSES		\$2,053								2,043	
1159	PROPERTY HELD FOR FUTURE TELECOM USE EXPENSES	ARMIS	2 2 2								4787	
6512	PROVISIONING EXPENSES POWER EXPENSES	ARMIS	\$12,793								12,787	
2539	NETWORK ADMINISTRATION EXPENSES	ARMIS	18,622	P 744							15.511	1,520
6533	TESTING EXPENSES	CHANNE		100000				,				

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\$54.172

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11 6535 ENCAMEERING EXPENSES STATES ANAMAS \$133,985 FOR ALL ANAMAS \$133,985 FOR ALL ANAMAS \$10,000 FOR ALL ANAMAS

Page Com F 4 5 K * Wages & Sal Nager A CAPCS ARMES ARMES Sun LES List ARMES General Ledge General Ledge Sun LEY LISE Source-Col.E Description

DEPRECATION - TELECOM PLANT IN SERVICE
DEPRECATION - PROP HELD FOR HITURE TELECOM USE
AMORTILIZATION EXPENSE: TAKABLE
AMORTIZATION EXPENSE: OTHER
AMORTIZATION EXPENSE: OTHER
SALES
SALES LEGAL
PROCUELER MY
PROCUELER MY
PROCURED AND OFFICIONENT
OTHER GENERAL AND ACMINISTRATIVE
TOTAL CORPORATE DEFEATURE EXPENSE
PROVERED FISH MICROLLECTRILE MOTES RECEIVABLE
PROPERTY TAXES
OTHER TAXES
TOTAL TAXES PLANNING AND FINANCE ACCOUNTING AND FINANCE EXTERNAL RELATIONS HAMAN RESOURCES INFORMATION MANAGEMENT *** PRODUCT ADVERTISMS
TOTAL MARKETING EDPENSES
CALL COMPLETON SERVICES
NAMED SERVICES
COSTONER SERVICES
EDECUTIVE

TOTAL
TOTAL Also subtracted out persion settlement bosses of \$47,851

Col F. General Accountant, Francia - SBC Col G. 2002 Aerusi Change Father Beneral Col H. - SBC Francia Chang Col I.-H. E. Col J. - 2002 Aerusi Change Father Bender

1000 9 00 14 Source inflaton Ferro Canadara Tool (2004-2001 tase nee 2003, Stee OH; OH 2003-ACE 2003-NG-20 es Communion Assessment? Tail year planning period mid-point inflation factor Description

ID VALOR	SEM TAX FACTOR			CLEC ADJ #1
VERAGE BE	CON INVESTMENT.		(000\$)	COSTS
Account	Description	Social		
2007	December 2002 Investment	OH 2002 GL	\$8,070,936	1,984,277
2001	December 2001 Investment	CH 2002 GL	\$7,774,583	\$ 7,684,195
2001	Promise over December 2001 Investment	OH 2002 GL	\$296,353	1 283,171
	Average Sooked Investment	L107 - (L109 / 2)	\$7,922,759	1 7 837 891

			CLEC ADJ. PT	CLEC ADJ. ED	CLEC ADJ
CUATION Delay is 1999		(0004)	POWERTON OF SECTIONS OF SECTIONS OF SECTIONS OF SECTIONS (TABLE OF SECTIONS OF	NEWNED CLIMITAL COUNTY	MEGULATED COSTI
Case Tames	Boose	20, 965	20.762	28.16	894,850
Average Socked Investment	24.7	\$7,822,759	\$7.8		_
Act Valorem Tas Factor	2111/1/112	0.012			
Commission Assessment (CA)Factor	9017	1000	0.0034		
otal Ad Val. & C.A.Factor	F163 + F149	M100			0.0135
	Tath 3 - Canadathora (SBC), LSB, Cox J	\$7,792,449	THE REAL PROPERTY.	THUBBESSEE	\$16,831,789
Forward-Looking Ad Visionem Tax	7338 - 7338	\$105,405	-	\$144,376	\$142,218
TPIS Correttor Costs	Tato 3 - Calculations (SBC), LSR, Col N	\$4,711	\$6,711	14771	M.483
Total TP15 Coats	Tab 3 - Calculations (SBC), LS6, Col L.	11,362,669		\$1,968,157	\$1,150,328
Parcent Ad Valorem Tax Common	L118.1,119	0.49%		0.41%	0.39%
Common Ad Valorem Tax	L117 / L120	2319	R31	1001	185
Direct Ad Valorem Tax	1217 - (142)	\$104.978	1141.840	110,785	Biet, Bac

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Source

	General Purpose Computers				
				CLEC ADJ. 92	CLEC ADJ. # 8
1	Description	Source	Value (\$000)	DEVISED CAPITAL	REGULATED COSTS
Captal Costs	1.				
	Account 2124 Balance	17	\$72,004	\$73.004	64,810
	Statement live Manhood community of the Printers	All 2002 Computer	2000	*00.0	
	Account 2124 Balance New Manufacture parties	TARREST STATE	\$1.480	\$1.460	W. 13
	Mainhame Costs Investment	(123-1125	05:45	50.00	\$65,474
	Less Service Driter Cost Study Afficiences (21 SPS, of Maintaine Costs for DH)	Promety Cal Man	12.537	12.537	15.0
	Adjusted Matritisme Costs Evestiment		700,682	\$469,007	\$62,937
	CC to BC Ratio	L7 Cal G	0.2717	0.2717	11120
	Capital Coal Factor	U.CaiG	24.73%	18.37%	18.37%
	Maerhame Capital Cost	C128-1128-1130	1837	\$3,445	\$3,142
	Support Asset Common Cost	150	715	\$14	314
	Total General Purpose Computers - Common Cost	T131 + 1135	19975	\$3,459	12,156
Experiens					
	Account 6124 Baterios	Art 2002 Computer	\$86,002	\$48,002	12,74F
	Percent Non-Mainhaine computers (Ohio)	Destribution	2 00%	2.00%	2 00%
	Account 6124 Balanca - Non-Maethama porton		\$1,760	\$1,760	81.38
	Mainhaine Cotts - Expense	1134-1136	296,242	\$86,342	\$78.163
	Less Service Order Cost Study Adjustment (21 SRN of Maintening Costs for Ont)	Property Con State	\$5.873	\$5.873	\$5,873
	Adjusted Maintraine Costs - Expenses		\$80,369	\$10,369	\$72,280
	Support Asial Common Cost	157	\$388	\$359	1358
	Total Mainhana Caracon Costs	1478 4 1480	BCC 089	BC4 083	079 640

FORWARD-LOOKING ADJUSTMENTS - Cable & Wire Facilities Investment and 251C.

•	m	0	a	w		0
		Investment	Total	Total	Principles	Total
Account	Axoni	1.	Working	TELFIC LASE	Additive	TELRIC CASHAMNIZSTC
Number	Description	doory	Loops	Investment	Persent	Investment
		UNE 7-4% Acadog Loop				
Source		Shorty	NECA USF Filling	0.0 · 3	ARMIS 43-04 Tb 1	G-ENIF)
	Cable & Wite Facilities					
2411	POLES	1 1150	2	\$145,058	1117	
2421 822C	AERIAL CABLE - NON-METALLIC	\$1.83		\$7,831	2114	
2421220	AEPIAL CABLE - NETALLIC	S127 SH		\$553.937	A117	
2422.85C	UNDERGROUND CABLE NON-METALLIC	10.03	-	\$13,016	2117	
2422.90	UNDERGROUND CARLE : METALLIC	\$78.14		\$329,639	7174	
2423.8450	BURNED CABLE - NON-METALLIC	13.64		\$15,771	2:2	
2423.450	BURNED CABLE - METALLIC	\$289.35	4,329,550	\$1,252,760	21.7	\$1,349,521
3441	CONDUIT	\$5.78		\$421.676	717	
150 2232.253.5	DIGITAL CHOURT EQUIPMENT	15 PS23	4,329,550	\$665,703		
	Zone Weightings					
	*		2	0		
	Region	Control of the Contro	Percent of Total	Cottle Working Loops		
	Source	SWFTS Database, Dec. 112 C-Repton/Total	2 C-Rapton/Total	Di-Region's Total		
	- Septon	D18/055		659.810		
152	Substan	71 65 T	4044	1,747,741		
	NO.	199,409		185, 186		
	Total	3,614,706		4,329,550		

Source:

Sou

FORWARD-LOCKING ADJUSTMENTS - Cable & Wire Facilities and Circuit Equipment Expense

Account	Account	2002 breathest	TELRIC CAW Inv	Parcant TELRIC
Source		Tab 3-Caroladora	1142 1149	E+D/C
2411	-	1282	\$196,362	38.24%
2421.822	C ACHAL CARLE - NOW-WETALLIC	\$58,870	\$8.543	
2421 228	6	\$1,309,723	\$596,722	
3421	1	\$1.30E.592	\$606,285	44.23%
3422.850	Ĩ	1202.421	\$14.021	
2422.90	UNDERGROUND CABLE - METALLIC	\$879.854	\$356,099	
2422	UNDERGROUND CABLE	\$1,122,478	\$369,121	37.22%
2423.845	C BURIED CABLE - NON-METALLIC	\$122,965	\$16,989	
2423.450	BURRED CABLE - METALLIC	19579113	\$1,349,521	
2423	BURRED CABLE	55,885,12	\$1,366,510	107 98%
2441	CONDUIT	\$1,453,781	\$454.248	31.25%
27.77	CROUT EQUIPMENT	226 9888	\$885.703	N96.86
TOTAL		\$6.574,953	\$3,837,106	38.88

L	•		u	۵	TRUNC	Total TELIBIC
	1	Source	thest	Oversity	Breestment	brysstment (\$500)
		Switch Capacity Health				
20	End Office Analog Line Plants	Auporta SICAT	(1982)	3.548.937	264 14	\$227,693
		Switch Capacity Health				
	End Office Digital Trusk Ports (TR008)	Reports - SICAT	No.	10,345	\$10,582,64	\$219,468
		Switch Capacity Health				
-	Ent Office Trus Pots (DST) Includes ADTS)	Reports - SICAT	OBT	41,068	\$3,189.36	\$130,981
Ŧ	Tandam Office fruit Ports		100	21,238	\$2,224,08	M7,238
		Digital Network				
		Deplinyment Contracts.				
_		Switch Capacity Health				
172	PRI Line Plants	Reports	1361	8.976	\$3,787.30	\$33.995
		Digital Netheori				
		Deployment Contracts.				
		Switch Capacity Health				
5	Bift Line Ports	Reports	Delto	28.213	\$243.66	\$8.285
174	(make		0000	4,029,577	75 803	\$155,300
9	667 0 6791	SIGCOST 2.2	Total			ELT 813

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	SST (RSTP and SCP - Only portion) Total is used at 1181	Skicost 22	Total		\$28,067,860	\$5.817
79 Settching	effoling investment Factors					
	Total Digital Electronic Switching 2212/377C	Source	Factor	Investment Amount	Calculation	
	Forestit Looking Selfching Investment	1117	872,738	872.726		
	Materials to Total EF&I	OH 2002 ACFs	78.81%	\$ 688.668	L181 - L182 Factor Co.	
	Sales Tax	OH 2002 ACFs	2000°		L182 *L183 Factor Co.	
	Forward Looking Switzing treestment with Saws Tax	OH 2002 ACFs		\$ 872.728	1381 - 1383	
	Teco Engineering	OH 2002 ACFs	136	\$ 11.695	L184 - L185 Fector Col	
	Sundry & Miscellaneous	OH 2002 ACFs	J. 63.0	\$ 5.673	LIM LIME Factor Col	
	Telco Part Labor	OH 2002 ACFs	1.57%		L184 - L187 Factor Cos	
	Total Forward Looking Switzling Installed Investment			\$ 903,795	Sum of (L1841,187)	
	- June	OH 2002 ACFs	# 578	\$ 77,455	L188 L188 Factor Col	
	Total Forward Looking Switching Investment			152,186	Sum of (L188.L189)	
	Current Cost - Account 2212	Tab 3 - Carculations (SBC), L12		\$1,115,303		
	TEL BICKLement Conf	148071481		A7 88%		

		Forward-	orward Looking Wages & Salaries				
٠		v	Account		Balance	Wasself Salaries	Common
Acct	Description	Source	Balance	180	Less 780		Wps.Se
			185 134	181 181	B-0	181 6 195	0.
6610	WHOLESALE MARKETING	Tets 1 - Results, L29	\$6,265	103	\$6.234	1,651	200
11148	EXECUTIVE	188	27.72	98	\$4.178	7.363	1333
6712	PLANNING	5	2	8	22	7.86%	24
6721	ACCOUNTING AND FINANCE	3	DKON	5	\$24,040	7.86%	41.012
6722	EXTERNAL RELATIONS	100	\$12.536	\$12	\$12.514	1.861	20%
6723	HUMAN RESOLACES	1.89	\$38.114	a	\$38.112	7.80%	\$3,034
6724	INFORMATION MANAGEMENT	067	\$30,105	818	\$30.086	7.864	\$2,395
6725	LEGAL	167	\$7,959	04	\$7,969	186	1634
6726	PROCUREMENT	193	\$2,238	08	\$2,236	7.86%	\$178
6727	RESEARCH AND DEVELOPMENT	657	\$2.523	03	\$2,523	7.96%	1201
6728	OTHER GENERAL AND ADMINISTRATIVE	167	(196.964)	101	136,601	187	(\$943)
	ATOT.						\$1236

4		0	4			13		-
Capital/ Expense	Account Description	Expense	Capital	i en	Operating Expense SA Factor	Contraction of the last	Farend Looking Woodle	Aused
		TA del' mand hand trapped TA del' mand to the TANK	AL AND AND DESTRE	at the test to the tax				
Number	Source		CLEC ADL RE		3/2.	*D/E	787	of actor'H
2111	LAND . ADMINISTRATIVE		\$3,652,345	5		0.0021	\$9.236	\$19
2112	MOTOR VEHICLES - ADMINISTRATIVE		\$6.213.395	\$1,309,093,031		0.0040	\$9.236	13
2114	TOOLS AND OTHER WORK EQUIPMENT			\$1,261,629,989		0,0000	\$0.236	
2121	BULDINGS - ADMINISTRATION		\$234.367,828	\$1,763,784,411		0.1328	\$9.236	\$1,227
2122	FURNITURE		E2,127,294	\$1,763,784,411		0.0012	\$9.236	
2123	OFFICE EQUIPMENT		\$4,116,368	\$1,763,784,411		0.0038	\$9,236	\$32
2124	GENERAL PURPOSE COMPUTERS		100000	\$1,862,016,876		0.0015	\$9.236	**
6112	MOTOR VEHICLES	\$3,240,862		\$1,309,093,031	5,700.0		\$9.236	22
8114	TOOLS AND OTHER WORK EGUIPMENT			\$1,261,629,969	0,0000		87.58	24
6121	BUILDINGS	\$58,328,785		\$1,763,784,411	0.0334		10.28	1103
6122	FURNITURE	\$2,106,422		\$1,763,784,411	0.0012		\$9.236	111
8123	OFFICE EQUIPMENT	\$99,058,796		\$1,763,784,411	0.0562		\$9,236	\$519
6124	GENERAL PURPOSE COMPUTERS	\$14,562,148		\$1,862,016,876	99000		18.23E	138
6563	AMORTIZATION EXPENSE: TANGBLE	記事と		\$1,763,784,411	0 0025		\$8.2%	ä
	TOTAL FACTORS				0.1340	0.1452		\$2.587

*	a	U	٥	E
Industry Markets (IM) VP Organization	58C IN 2002 Total Exp. (\$000)	SBC IM 2002 Total Direct Exp (\$000)	Art Share of Total SBC	Art IN 2002 Total Direct Exp (\$000)
Source	IN Finance	IM Finance	1228	9.5.
Account Team	\$39,859	os	32 19%	3
darkaling	\$29,229	05	32 19%	0\$
coass Operations	\$69,280	\$69,280	32 19%	\$22.28
ocal Operations	\$313,744	\$313,744	32 19%	\$100,36
388	\$28,032	\$28,032	X2 19%	\$9,022
Support - Colocation	0.5	OS.	32 19%	25
ncremental Less Uncolections	\$80,70x	407, 882	2010	\$28,872
rotal IM Expenses	\$569,848	\$500,760		\$161,136
SBC Michael Total Operating Expenses (2007 ARMIS, Direct Regula	West Regulated), Less Acuts 6610, 6710.	0, 6720, 6790		\$2334,615
Molecule Direct Cost Percentage (Alf tod Max Direct / Total Alf	Ompany Direct)			K0619

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SBC Industry Markets Local Operations Center Expenses - 2002

Region

A Total Region & Region & Source Source (2002) - Region & Region & Region & Source (2002) - Region &

822 228 228 228

Description Amount (50 General	Pacific Bell	\$82.10
\$300 Checription Amount (\$300] \$400 General (\$400] \$400 General (\$400]	Southwestiern Bet	\$112.091
Description Amount (30 County (30	Total	\$301,22
Checiption Amount (3) cs to 6610 count 6610	Wholesale Marketing	
2003 General L se to 9610	Description	Amount (\$800)
et to SRIC count SRIC	Source	2902 General Ladger
at to 9610 count 6610	Ameritach Services, Inc.	\$6,398
act to 9610 count 6610	SBC Operations	\$872
count 6610	Ohio Wholesale booked to 6610	18,287
	Total A/T Other for Account 8610	\$119,748

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UNCOLLECTIBLE EXPENSES	Account		но
Source		G	General Ledger
END USER.			
END USER ACCRUAL	5301.111		286.141.00
NTER END USER DIRECT CHARGE	5301 112		NB BRIED
NTER END USER DIRECT CHARGE - Equal Access	5301.2		
NTRA END USER ACCRUAL	5301.511		54.813.179.00
NTRA END USER DIRECT CHARGE	5301 512		145,370,00
DINER INTRASTATE	\$302.5		264 D02 D0
hitheral		-	54,048,588,00
Retail Portion of Total Uncollectibles		Ц	N9 88
RESALEMHOLESALE	-		and the sail
ALLAS AND Special Markets (83)	and and	-	6,966,205
Wholesale Portion of Total Uncollectibles			11.4%
Total Heavillandiklas			81 D14 703

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10,842

CC/BC

Napas & Sal

Nager A

CAPCS

17 650 ENCRES DEPOSES
ARABIS
A

Seuro Co F
APAIS

Description
DEPRECATION - TELECOM PLANT IN SERVICE
DEPRECATION - RECOP HELD FOR KITCHE TELECOM LOSE
AMORTIZATION EXPENSES: "ANAMABLE
AMORTIZATION EXPENSES: "ANAMABLE
AMORTIZATION EXPENSES: "ANAMABLE
AMORTIZATION EXPENSE: OTHER
PRODUCT WANAGENENT
SALES

198. 18.80% 18.80%

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Georgian Labor
Georgian Labor
Georgian Labor

PROCAREMENT
RESEARCH AND DEVELOPMENT
RESEARCH AND DEVELOPMENT
TOTAL CORPORATE OPERATIONS EXPENSE
PROVISION FOR UNCOLLECTIBLE MOTES RECENABLE
PROPERTY TAKES.

PLANNING ACCOUNTING AND FINANCE EXTERNAL RELATIONS HUMAN RESOURCES WFORMATION MANAGEMENT

PRODUCT ADVERTISING TOTAL WARRETING EXPENSES CALL COMPLETION SERVICES NUMBER SERVICES CUSTOMER SERVICES EXECUTIVE

10.014.
The Appendix of the Control of EAS) All is needester also costs the eres recovered in the Service Orde Computer Processing Cost study.
The Appendix of the Cost of the Cost of the ADI (1) the second of the Cost of t

Also subtracted out persion settlement loades of \$47.651

Source: Cod F. Coder Manager, Francia - SBC Cod G. 3002 Annual Charge Factor Brode Cod H. 1805 Presion Charge Cod H. 1805 Annual Charge Factor Brode Cod J. 2002 Annual Charge Factor Brode

1000 91000

Secures services Constant Test (2004-2007) have yet 2002. State Only Contract Act 2003 10-30 to Contract Assessment Tax

year planning period mid-point inflation factor

Description

106 Commission Assessment Factor

HIGHLY SENSITIVE CONFIDENTIAL

Constitution (NAC)

AD VALORE	AD VALOREM TAX FACTOR		The second secon			CLEC ADJ. 81	CLEC ADJ. 8 9
AVERAGE BOC	AVERAGE BOOK INVESTMENT.		(000\$)			REGULATED	POR TPS '
Account	Describios December 2002 Investment	Source On 2002 GL	S8.070.82			1.384.277	
2001	December 2001 Investment	OH 2002 G.	\$7,774,583	8.6		1,684,195	
1002	Increase over December 2001 Inventment Average Booked Inventment	1107 (1108 / 2)	\$7,922,759	7 (0)		1,837,691	1 353964
				1	Per Tab Ohio CC-BC Radios	CC-BC Ratios	U
				CLECABL IN	CLEC ADJ. 82	CLEC ADJ #1	⇒
ALCULATION	CALCULATION. Douber in 1889)		(000)	PERSONAL DE BACS FORMARD. LODORIG PLANT ADJUSTIBINTS (TAI 3 - Calculations (CLEC PT))	REVISED CAPITAL COSTS	REGULATED	AVESTAER BOOK RAVESTRENT TO CURRENT CONT. & HO COMMISSION ASSESSMENT
	Total Taxes	Source	20.062	25.85	596.166		SSA ASS
	Average Booked Investment	7410	\$7,922,758	\$7.8	\$7,922,759	\$ 7,837,691	\$ 10,6
	Ad Valorem Tax Factor	[111/4112	0.012		0.0121		
	Commission Assessment (CA Factor	9017	0.0014	20004	0.0014	0.000	0.0014
	TPIS	Teb 3 - Calculations (SBC) LSA Col J	\$7,792,44	\$10.	\$10,664,349	\$10.5	\$10,5
	Forward-Looking Ad Valorem Tax	7118.7119	\$105,49		\$144,376		
	TPIS Common Costs	-4	\$6,711	111/98	14.774	M.483	C897 75
	Total TPIS Costs Persent Ad Valorem Tax Common	Teb 3 - Calculations (SBC), LSt. Col L. L118 / L118	\$1.362.86		\$1,185,157	•	
	Common Ad Valorem Tas	17.7.7.50	\$518	\$535	1883	1554	101
	Direct Ad Valorem Tax	1117 - 1121	\$104.978		\$143,785		

	General Purpose Computers				
				CLEC ADJ. 82	CLEC ADJ. 61
	Description	Source	Value (\$000)	REVISED CANTAL COSTS	- REGULATED COSTS
Capital Costs				(10.00	
	Account 2124 Balance	All 2002 Computer	\$71,004	\$73,004	64,810
	Percent Non-Maerhame computers (Ohio)	Distribution	2.00%	2.00%	2 00%
	Account 2124 Balance - Non-Maintenne portion		\$1,460	\$1,460	
	Mainframe Costs. Investment	1123 1125	\$1150	171.543	
	Lass Service Order Cost Study Adjustment (21 58% of Mainhame Costs to Ort)	Promest Cal Man	\$2,537	12,537	\$2,537
	Adjusted Manframe Costs-Investment		269,007	1969,007	\$62.937
	CC to BC Ratio	LTCMG	0.2717	0.2717	02717
	Capital Cost Factor	U.CaG	24.73%	375.81	18.37%
	Malerhame Capital Cost	L128 - L129 - L130	K.637		
	Support Asset Common Cost	1,51	P15		214
	Total General Purpose Computers - Common Cost	TEST + T-(32	1681	\$3,459	951.136
Experien					
	Account 6124 Salance	Art 2002 Computer	\$88,002	\$88.002	79,758
	Persent Non-Mainhame computers (Chio)	Distribution	2,00%	Z 00%	2.00%
	Account 6124 Balance - Non- Maintaine portion		\$1,760	81,780	
	Mainthure Costs - Expense	B(1-K(1)	\$96.242	286,342	
	Less Service Order Cost Study Adjustment (21 SRN, of Maerhams Costs for OH)	Processing Cont Bary	\$5,873	\$5,873	\$5,873
	Adjusted Maintene Costs - Expenses		\$80,369	896,08\$	\$72,290
	Support Asset Common Cost	1217	\$383	\$350	\$359
	Total Matchines Common Costs	1430 - 140	\$A0 728	\$80.728	£3.2 E.40

G TOM TOWN
TELRIC CARAMWENTSTC
Investment \$156,252 \$256,722 \$14,027 \$15,500 \$16,500 \$1,346,246 \$454,246 ent (AUCAN Investment, Batt in (Row 1474 + Row 1485 + Row 1510) (Row 1486 + Row 1474 + Row 1485 + Row 1510 + Row 1510) appliedd, Exempt to Access acadis, Investments appliedd, Exempt to Access to Auchine H. ttttttt ARMIS 43.04 Th Additive Percent D-Report/Tost D-Report/Tost D-Report/Tost D-Report/Tost 1,42,747 1,527,599 \$1,45,056 \$7,921 \$13,016 \$128,629 \$15,771 \$1,252,760 \$421,676 \$885,703 E Total
TELRIC Loop 15.75 100.00 100.00 4 123 396 4 123 356 4 123 356 4 123 356 4 123 356 4 123 356 4 123 356 4 123 356 4 123 356 4 123 356 4 123 356 4 123 356 4,329,550 Total Working Loops Prestners per Long UNE 2-ere Arabog Loop Study 517.34 517.34 517.34 517.34 578.14 578.14 578.35 587.38 FORWARD-LOOKING ADJUSTMENTS - Cable & Wire Facilities investment and 257C. CONDITION OF STATE OF Catie & Wire Facilities Sourcat: Interdible Additive from 2002 ARMS 43-04. Table 1, Interdible Loop Investment from Dockal RDI SCCC +48-03 regime Investment per Loop from CH Tav Avaig LoopCAT 04-07. Total Winship Loops - 2002 Loop Date for NECA USF Da. Account Description DIGITAL CIRCUIT EQUIPMENT Zone Weighlings 3411 3421 622C 3421 62C 3422 65C 3423 64C 3423 64C 3423 64C 2752 25TC Account 3333333 8 2333

L	*		U	0	
	Account	Account	2002 Investment (BCument Cost	TELPIC CAN Inv	Peters
П	Source		Tab 3-Calculations	1142 1148	E-D/C
	2411	POLES	\$408.857	\$156,362	38 24%
1	2421 8220	AERIAL CABLE - NON-METALLIC	\$58,870	18.543	
	2421 22C	AFRIAL CABLE METALLIC	\$1,308,723	\$596.722	
	2421	AERIAL CABLE	11,368,592	\$605,765	44.23%
	2422 8SC	UNDERGROUND CABLE - NON-METALLIC	1202,821	\$14,021	
	2422.50	UNDERGROUND CABLE - METALLIC	\$979,854	\$356,099	
	2422	UNDERGROUND CABLE	\$1,182,476	\$369,121	31.22%
	2423 8450	BURRED CABLE - NON-METALLIC	\$122.965	\$16,989	
	2423.45C	BURNED CABLE - METALLIC	\$1,142,561	172,946,12	
	2423	BURNED CARLE	\$1,285,525	\$1,366,510	107 98%
	2441	CONDUIT	\$1,453,781	\$45,246	31.25%
	7232 257	CIRCUIT EQUIPMENT	\$885,922	\$885,703	W-96 86%
	TOTAL		\$6.574,963	\$3,837,106	N90'96

-	•		u	o.	TELMC	Total TELANC
	3	Source	Umili	Ouentity	Privestment	investment (\$000)
		Switch Capacity Health				
5.0	End Office Analog Line Ports.	Reports - SICAT	080	3.549.837	72.75%	\$227,683
		Switch Capacity Health				
88	End Office Digital Trunk Ports (TRIDDS)	Reports - SICAT	DS1	19,985	\$10,982.64	\$219,488
		Switch Capacity Health				
104	End Office Trush Ports (DS1) Indudes ADTS1	Reports - SICAT	DIST	41,068	\$1.189.36	\$130,981
171	Tandeni Office Trusk Ports		150	21,238	\$2,724 DB	M7 235
		Clights Network				
		Deployment Contracts.				
		Switch Capacity Health				
2.2	PRI Leve Purts	Reports) Digital Network	18	8,576	\$3,787.30	\$33,985
		Deployment Contracts. Switch Capacity Health				
2	BRI Line Ports	Reports)	980	28.2 (3	\$293.86	\$8,285
	U180*		980	4,029,577	\$38.54	\$156,300
34	\$57 0.STP1	SIGCOST 2.2	100			\$42,933

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	Total is used at 1181	366,031,22	1		and the same	8872,738
Iching	79 Switching Investment Factors					
	Total Digital Electronic Switching 2212/377C	Source	Factor	Investment Amount	Calculation	
	Forward Looking Switching Investment	7417	872,726	\$ 872,726		
	Waterlate to Total EF&L	OH 2002 ACF1	78.91%	\$ 688.668	L181 'L182 Factor Col.	
	Sales Tay	OH 2002 ACFs	200%		LINE LINE Factor Col.	
	Forward Looking Switching Investment with Sales Tax	OH 2002 ACFs		\$ 872,726	L181+L183	
	Telco Engineering	OH 2002 ACFs	134%		L184 'L185 Factor Col	
	Sundry & Mazellaneous	OH 2002 ACFs.	2 ACR D	\$ 5.673	L184 'L188 Factor Col.	
	Teics Plant Labor	OH 2002 ACF4	1.57%		L184 L187 Factor Col	
	Total Forward Looking Switching Installed Investment				Sum of (L1841,187)	
	-	OH 2002 ACF 8.	8.57%	\$ 17,455	L188 - L189 Factor Col.	
	Total Forward Looking Switching Investment				Sum of (L1881,195)	
	Current Cost - Account 2212	Tat 3 - Calculations (SBC), L12		\$1,115,303		
	TELRICICIPME Cod	1817/0617		F1.88%		

			Forward-La	poking Wages & Salaries				
	•		υ	Account		Balanca	O Comment	H Common
	Ace	Description	Source	Balance	180	Cass TBO	,	WoskSal
1				161 181	18 18	#-O	CHILLISS	0.4
	6610	WHOLESALE MARKETING	Tath 1 - Results, L25	\$6,765	103	58.234	1.88%	
	8711	EXECUTIVE	587	2,178	03	FA. 178	1.86.1	\$133
	6712	PLANNING	N T	24	2	\$\$	1.86%	O\$
	8721	ACCOUNTING AND FINANCE	AT.	100,003		274 040	7.86.2	\$1.914
	6722	EXTERNAL RELATIONS	198	\$12.526	\$12	\$12.514	7.96%	2006
	6723	HLMAN RESOURCES	187	\$1. KK	u	\$38.112	7.80X	\$3,034
	6724	INFORMATION MANAGEMENT	007	\$30,105	S18	\$30,066	7.86%	\$2,395
	6725	LEGAL	161	\$7,959	90	\$7.959	7.96%	\$634
	8728	PROCUREMENT	287	\$2.238	2	\$2,239	7 96%	8178
	8727	RESEARCH AND DEVELOPMENT	783	\$2,523	2	52.523	7.86%	\$201
	6728	OTHER GENERAL AND ADMINISTRATIVE	3	(M. 854)	123	(\$6.90)	7.88.7	(Been)
		-						

-	Operating Capital Forward Support	NA FECON		H. 10.	\$9.236		0,0000 0			0.0035 \$6.236 \$12	0.0018			1311				\$5000 pc \$50	1000
-		Year.	And the part of the last of th	•	\$1,763,764,411	\$1,308,083,031	-	\$1,743,784,411		\$1,763,784,411	\$1,662,018,876		10 696 529 187 18	\$1,763,784,477 0.0	\$1,763,784,411 0.0	\$1,763,784,411 2.0		\$1,763,784,411 0.0	1.0
a	7	Amount	Mapped Asset Factor Tax All 2002 SAC 2003-19-30	CLEC ADL 62	EL 182345	18,281,385		E24,307,029	\$2,127,294	\$8,118,366	\$2,589,796								
9	E Comment	Arouni	The best of the Parker Tab All									\$3,240,662		569 326 986	\$2,106,422	280 058 790	\$54.566.819	187 SBY 18	
		Account Deed phon		Source	LAND - ADMINISTRATIVE		TODICS AND OTHER WORK EQUIPMENT	BUILDINGS - ADMINISTRATION	FLANTLAG	DIFFICE EQUIPMENT	GENERAL PURPOSE COMPUTERS	MOTOR VEHICLES	TOOLS AND OTHER WORK EQUIPMENT	BUILDINGS	FURNITURE	OFFICE EQUIPMENT	DENERAL PURPOSE COMPUTERS	AMORTIZATION EXPENSE - TANGRILE	TYNY FACTORS
*	Captal	Account		Number	2111	2112	2114	2121	2122	2123	2124	6112	6114	6121	6122	6123	6124	6563	

4	•	3	0	-
Industry Markets (M) VP Organization	58C IN 2002 Total Exp (\$000)	SBC IM 2003 Tatal Direct Exp (\$800)	AT Share of Total SBC IN Exp	Aut IN 2002 Total Direct Exp (\$000)
Source	IN FINANCE	IN Finance	1234	0.0.
Account Team	659,903	O\$	32 19%	95
darhating	823,828	2	32:9%	24
Access Operations	\$66,280	169,280	32 19%	\$22,298
Ocal Operations	\$313,744	\$313,744	32 19%	\$100.983
055	\$28,032	\$28,032	32 19%	\$9,022
Support - Collocation	08	OS.	32 19%	05
Incrementa Less Uncolections	\$88,734	\$89,704	32 19%	\$28.872
Total IM Experiment	\$569,848	\$500,760		\$161,176
SBC Mitheut Total Operating Expenses (2002 ARMS, Direct Regula	(led), Less Acrts 6610, 6710,	6720, 6790		\$2,334,615
Wholesale Deed Cost Percentage (All Ind Mass Deed / Total All C	company Olesci)			X06.9

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*		3
Amples	Total	Fagion %
Source	M France (\$300)	* Region Total
Amerikath	\$180,963	2019%
Pacific Self	\$42,179	30.60%
Southwestern Bell	\$112,091	37.21%
Total Control	1964 9941	200 004

5555

Pacific Swi	797
Southeestern Beil	\$112.0
Total.	\$301.2
Photosais Markeling	
Description	Amount (\$500)
Source	2002 General Ledger
Ameritach Services, Inc.	\$6.36
SSBC Operations	100
Ohio Wholestale booked to 6610	25.28
Total ALT Othio for Account 6610	\$119.74

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UNCOLLECTBLE EXPENSES	Account		но
Source		O	eneral Ledger
END USER.			
END USER ACCRUAL	3301111	-	200 141 000
INTER END USER DIRECT CHARGE	5301.112	•	36,896,00
INTER END USER DIRECT CHARGE - Equal Access	5301.2	*	
INTRA END USER ACCRUAL	5301.511	*	54.813.178.00
INTRA END USER DIRECT CHARGE	5301.512		145,370.00
OTHER INTRASTATE	\$302.5		284,002.00
Subtotal		-	54,048,588,00
Retail Portion of Total Uncollectibles		Ц	MAN
RESALEMHOLESALE			
ALDS AND Special Behase (RS) Subtotal	+3EX 1/*		18,160,205
Wholesale Portion of Total Uncollectibles		Ш	11.4%

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DOC HO among	CAPCS Wages & Wages & Sal CCBC	10.40%	12.8%	V151.	78.83 78.83	18.37×	78 B	27.50	200	A	1300	N. 0 M.		14837	X45	X18 11	NEIL	0 35%	36111	V0101		N.C.I.	V91	20.002																					
2004-2007 NPUTS (\$000) Source accounts 5000 Fled with OH 2002 ACS	Averaged (K+L)/2		\$67,053 \$63.891	\$618.964	25, 780	\$73.004	\$1,539,482 \$70		26.462	\$15,948	11,010,336	\$1 597	9	000 000				\$168.012 \$215		CHAR ASA MSG 200	013	\$90,223	50 May 729	M7.114	\$73,445	100	F734	2615	\$16,6086 \$44 007		52 52 53 648	4		\$25,058	200	201.780		\$75,390 \$20,198 \$20,198	\$53,219	81	51,730	9	2002	65.20	172.783
DOZ	Average Sours-Col F	SI	ARMIS	ARMIS	APANIS		ARMIS		Cornera Ladger	General Ledger		ARMIS ARMIS	ARMIS	ARMIS	ARMIS	Ceresta Ledger	Carveral Ladger	General Ledger General Ledger	General Ledger	Careera Ladger	Commercial Landgoor	Gerecia Ledger	ARMIS	ARMIS	ARMIS	ARMIS	ARMIS	ARMIS	ARMIS	ARMIS	ARMIS	ARMIS	APINIS	ARMIS	APRILIS	ARMIS	AFINIS	ARMIS	ARMIS	ARMIS	ARMIS	ARMIS	CONDUIT SYSTEMS EXPENSES ARMIS ARMIS ARMIS ARMIS ARMIS		APRANTS

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133,965 5472 FM,642 disp CAPCS factors and COSE rates beauer on their respective GL Belances of the CH 2002 ACC 2003 (c.S.) 71 6535 ENGINEERING EXPENSES
72 6540 ACCESS EXPENSES
73 6540 ACCESS EXPENSES
74 6540 FACES EXPENSES
75 6540 FACES EXPENSES
76 6440 FACES INCOME TO Be Accessed to Table 19 accessed to \$1231 and \$1232 accessed for the or A browned for Renoval (COM) application to a make 19 accessed to COM expenses for the or A browned for Renoval (COM) application to a make 19 accessed for the or A browned for Renoval (COM) application to a face of the ACE dear A browned for the or ACE dear ACE Section 19 accessed to the ACE dear ACE ACCES INCOME.

Une Acet 8	Description		OLEC AL M		CANCS	A separa	Wages & Sal	2000
				-				
	1	Source-Col E	2007 Balance	180	Pactors	Salares	200	Matte
1980		ARMIS	\$508,608					
6562	DEPRECIATION - PROP HELD FOR FUTURE TELECOM USE	ARMIS	S					
-								
6567	AMORTICATION EXPENSE - TANGELE	ANTARIS	SIX.					
4564	AMORTIZATION EXPENSE - INTANGIBLE	ARMIS	\$17,783					
8558	AMORTO ATION EXPENSE OTHER	ADMIN	40.679					
*****	District of Handwicks	Time of the control o						
8	THURSDAY MANAGEMENT	ANIMIS	10.04			20		
6612	SALES	APMIS	177 CM	103		11811		
0.86	PRODUCT ADVERTISING	AFINIS	The state of the s			9		
64610	TOTAL MARKETING EXPENSES	Sum 178 180	\$10.00k	103			1 50%	
4000	CALL POLICE CTICAL CODACCO		44.747					
1700	LALL COMPLETION SERVICES	APRIMIS	790'08	77.4		25.510		
6622	NUMBER SERVICES	ARMIS	\$19,741	\$376		\$14,983	75.90%	
6623	CUSTOMER BERVICES	ARMIS	\$183.506	\$1.850		701 105		
8711	EXECUTIVE	ADMINE	20.23	5		6334		
4717	DI ANNUAL!	10100				-		
1	The state of the s	THE PARTY OF THE P	*			2 :		
87.21	ACCOUNTING AND FINANCE	AHMIS	124,041			3		
6772	EXTERNAL RELATIONS	ARMITS	642.524	\$12		\$2,617		
6723	HUMAN RESOURCES	ARMIS	\$38.114	2		\$104		
6724	INFORMATION MANAGEMENT ***	ARMIS	\$30,108	\$14		573		
6778	LFGAL	ARMIS	\$7.960			623		
8138	perori penesit	ADMIC	27.13	1		****		
200	DESCRIPTION AND DESCRIPTION	Charles	0.77	4		100		
27.57		STATE OF THE PERSON	175.75			0.0		
6728	OTHER CENERAL AND ADMINISTRATIVE	ARMIS	DS 150	127		\$5.548		
710	TOTAL CORPORATE OPERATIONS EXPENSE	Sum (A) UM	\$114.838			\$9.143	7.86%	
6790	PROVISION FOR UNCOLLECTINE FINOTESI RECEIVABLE	ARMIS	5					
1240 L	paracoty taxes	Course Labor	CH 100					
2000	000000000000000000000000000000000000000		-					
6.000	TOTAL TANES	-	RO'1					
	TOTAL INCO	200						
TOTAL			•	The real Property lies				
1	William of section of the Park Mark State or other sections of	Statement of the last	The Party of the P					
Acres	ACTION BY A WAR SERVICE OF THE WAR AND THE WAR SERVICE OF THE WAR AND THE WAR	TO DAY and added build in	Parket Company Processes	V \$14 112 110 Boarmed A	Nation 2000, 2001			
Uno suffere	About subtracted out pension selfement losses of \$47.651							
Sources								
Colf Dens	Col F. General Accountant, Feance - SBC							
Cot G 200								
Col H SBC	Col H. SBC France Desc							
BIH I W								
Cod 1 - 2000	Cot J - 2002 Average Charton Factor Bander							
Other Inputs	die .	The second second						
Description	8	Source Infeder Facto Cacabate Tool						
		(2004-2007, base year 2002)						
4 year plant	105 4 year planning period met point enfation factor	Sue Ori	1,000					
		ON 2002 ACT 2005 15-30 AM						
Commission	106 Convession Assessment Factor	Communic Assessment 1st	1000					

HIGHLY SENSITIVE CONFIDENTIAL

AD VALOREM TAX FACTOR	¥.					CLEC ADJ. # 1	CLEC ABJ. # # CLEC ADJ #98 18
AVERAGE BOOK INVESTMENT.			(0004)			REGULATED	FOR THE
m .	Investment	20 COST -	908.070.82			1,984,277	
2001 Increase over December 2	Decardore 2001 Investment 2001 Investment over December 2001 Investment	25 2002 E-C	1290,163			293,171	
	- Investigation -	1,07 (1,108/2)	\$7,922,759			\$ 7,837,691	1.353964
					Per Tab Ohio CC-BC Radios	CC-BC Ration	U
				CLEC ADL 91	CLEC ADJ. 62	CLEC ADJ. 8.8	⇒
CALCULATION. Dellars in (809)			(socet)	PORMAD. LOCKING PLANT ADJUSTMENTS (TAX 3 - Calculations (CLEC PT)	REVISED CAMINAL COOTTS	REGULATED COSTS	AVERVAGE BOOK BYVER THERM TO CLERKENT COST & NO COMMISSION ASSESSMENT
		Source	-		1		-
Average Booked Prestimen	Freedment	7,10	E7 922 758	\$7 822 759	\$7,922,759	1 7.837.691	\$ 10.611.952
All Valores Tay Factor	Factor	L1111 / L112	0.0121	0.0121	0.0121		0.0089
Commission As	Commission Assessment (CAF actor	907	91000		91000		0.0014
Total Ad Val. & CA Factor	CAFactor	L113 - L114	0.0139		0.0135		0.0100
TPHS		Tets 3 - Catculations (SBC), LSR, Cat J	\$7,792,449		\$10,664,349	\$10,533,289	\$10,533,289
Forestd-Looke	present-Looking Ad Valorem Tax	1115-1116	\$105,495		\$144.376	\$142,218	\$108,894
TPIS Common Costs	Costs	Tet 3 - Calculations (SBC), LSB, Cot N	11.95		14.771		\$53,756
Total TP15 Costs		Teb 3 - Calculations (SBC), LSI, Col L.	\$1,362,869	81.8	\$1,165,157	*	\$1,150,326
Percent At Val.	Percent At Valorem Tax Common	L118/L119	0.49%	0.37%	0.41%		4.67%
Common Ad Valorem Tax	loven Tax	1997 - 1920	8248		1991		\$3,089
Deed At Valorem Tee	wm Tax	1417 - 1121	8104,978	\$143,540	\$143,785		\$103,805

Capida Conts Account 17.8 ficance Person face Asserting Person face Conts Last Service Order Conts Conts Service Order Conts Conts Service Order Conts Conts Service Order Service Conts Service Order Service Conts Service C				CLEC ADL 82	CLECADL #1	CLEC ADJ. 9 18
5 553 289		Source	Value (\$000)	REVISED CANTAL COSTS	REGULATED COSTS	STERNA ALL SUPPORT
Percent feet Ass Account 2124 file Materherer Costs Less Service Aguined Namers CC to RC Rate Captes Cost Fee	eaca.	n	\$73,004	MOLEN	01710	*
Account 2124 State Material Account Costs Less Services Aguatine Material CC to 100 Patro CC to 100 Patro CAptro Cost Fee	Hersel Northwest computers (Chic)	All 2002 Computer Distribution	2,00%		2,00%	2.00%
Leas Service Agusted Nashtra CC to SC Ratio Captal Cost Fee	cooket 2134 Batance Non-Mainhaine portion		\$1,460	\$1,460	\$1,336	20
Less Services Agustee Maeinthy CC to IIC Ratio Capital Cost Fin	- insultant	(4) (1) (1) (1)	ENS/13		\$65,474	
Adjusted Materials CC to IIC Ratio Captal Cost Fee	Less Service Dribe Cost Study Adjustment (21 SEN, of Maintains Costs No CH)	Present Car Blog	\$2.537		12.537	
CC to RC Rutto Capital Cost Fac	Clusted Maintaine Costs Prestment		\$69,007	\$69,007	\$42,937	05
Captal Cost Fac		0.000	0.2717			0.2717
	a a	17.Col 5	24.73%	18.37%	18.37%	1837%
Mainhame Capital Cost	Mr Com	[128.1128.1130	1,637			2
Support Asset Common Cost	common Cost	-57	\$1,298			\$3,298
Total General P.	odal General Purplane Computers - Common Cost	1131 - 1132	M(8/48			HZ 13
Equines						
Account 6124 Balance	-	ALT 2002 Computer	\$88.00Z	\$88.002	78,758	
Percent Non-Mil	ercent Non-Maerhame computers (Ohio)	Oserbalon	2.00%	2,00%	2 00%	2,00%
Account 6124 Bu	Coccurt 6124 Batance - Non- Mainhame boritor		\$1,750		\$1,595	
Maintrane Costs - Expense	- Expense	Man and and an	\$86,242		\$78,163	3
Less Service	Leas Service Order Cost Study Adjustreer (21 58% of Mainhame Costs for Ord	Present Car Bary	15,873	\$5,873	\$5,873	24
Acquising Maintin	Affordisch Mainthams Costs - Expertises		\$80,369	\$40,369	\$72,290	20
Support Asset Common Cost	premium Cost	1717	£358	\$79,758	\$79,738	\$79,758
Total Match serve	obsi Matritana Common Costs	C139 • L140	\$80,728	\$160,127	\$152,048	\$79,758

	The second second								
	*	ion	a		a	144	3	O	Г
_			Prestrent		Total	Total	Interoffice	Total	П
	Account	Account			Working	TELPIC Loop	Addition	TELRIC Cable&Wre/257C	è
	Number	Description	door		Loops	Investitation	Parcent	investinent.	7
			UNE 2-wire Analog Loop	doon 5					Γ
	Source		Shuty		NECA USF Films	Esca	ARMIS 43-04 Th! 1	G=E(1)+5)	Ü
		Catile & With Facilities							Г
142		POLES		33.50	4.329.550	\$145,058	717		g
	2421 K22C	AERIAL CABLE - NON-METALLIC		\$1.83	4.329.550	11.931	21.7		43
	3421 ZZC	AERIAL CABLE - METALLIC	•	1127.94	4329.550	\$553.937	£1.1		22
	2422 BSC	UNDERGROUND CABLE - NON-METALLIC		\$3.01	4329.550	\$13,016	411.1		51
	3422 SC	UNDERGROUND CABLE METALLIC		\$76 14	4,329,550	\$329,638	11.1		56
	2423 MSC	BURIED CABLE - NON-METALLIC		1164	4,329,550	\$15,771	2:1		68
	2423.4SC	BURIED CABLE - METALLIC	•	269.35	4,329,550	\$1,252,760	Zi.	\$1,349,521	Ty.
	2441	CONDUIT		\$67.39	4.329.550	\$421,676	21:17		¥
	150 222 257C	DIGITAL CIRCUIT EQUIPMENT		1204.57	4,329,550	\$885,703		\$505,703	8
		Zone Weightings A				٥			
		Region		d it		Total Working Loops			
		20000	STREET S LIBRORISE, LINE, U.C. L'INSCIENT COM-	7 70	-	Contraction of the contraction o			
		Urtan	8	550.870	£.	659,810			_
	25	Subutan	2	458.175	*0 4%	1,747,741			_
		P.Lrai	9 ;	199,661	44.4%	1,921,999			_
		Treba	3.6	814 706	100.0%	4 329 550			

Sources

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_	*	en.	3	٥	a.c
_	Account	Account	2002 Investment @Current Cost	TELPRIC CAW Inv	Persent
П	Source		Tab 3-Calculations	L142 L149	E=D/C
10	2411	POLES	\$408.657	\$158,282	38.24%
8	2421 822C	AERIAL CABLE NON-METALLIC	\$58.870	18.54	
-	2421.22C	AERIAL CABLE METALLIC	\$1,309,723	\$596,722	
· ·	2421	AERIAL CABLE	\$1,368,582	\$605,765	44.23%
0	2422 BSC	UNDERGROUND CABLE - NON-METALLIK	\$202.821	\$14,021	
0	3422 SC	UNDERGROUND CABLE - METALLIC	\$879,654	\$355,099	
-	2422	UNDERGROUND CABLE	\$1,182,476	\$369,121	31.22%
Fi	2423 84SC	BURNED CABLE - NON-METALLIC	\$122,965	\$16,989	
6	2423.45C	BURNED CABLE - METALLIC	\$1,142,561	\$1,349,521	
7	2423	BURIED CABLE	\$1,265,525	\$1,366,510	107 98%
10	2441	CONDUIT	\$1,453,781	MS4248	31.25%
ID	2232.287	CRICUIT EQUIPMENT	\$286,922	\$885,703	96 86%
167	TOTAL		\$6.574.963	\$3,837,106	N.96.96

				G		
					TELNIC	Total TELRIC
	men	Source	Unit	Quantity	Investment	Investment (\$300)
		Switch Capacity Health				
5	End Office Analog Line Ports	Reports - SICAT	DSG	3.549,937	71.75	\$227 693
		Switch Capacity Health				
- Cit	End Office Digital Trunk Ports (TRIDDS)	Reports - SICAT	180	19,985	\$10,982.64	\$219,488
_		Switch Capacity Health				
20	End Office Trura Ports (DS11) Includes ADTS1	Reports - SICAT	DET	41,068	\$21,189.36	\$130,981
121	Tandem Office Truck Parts		Dist	21.238	\$2,724.08	M7.235
		Digital National Deployment Contracts.				
		Switch Capacity Yearth				
12	PRE Line Puris	Reports) Diotal Network	190	8.876	13,787,30	\$33,988
		Depicyment Contracts. Sellch Capacity Health				
13	BRILLING Ports	Reports	080	28.213	\$293.66	\$8,285
174	Change		980	4.029.577	238.54	\$156,300

TWING COMMING COMPREHENCE COMPREHENCE

Constitution (SAC)

			- Name -	SCAL SCAL SCAL SCAL SCAL SCAL SCAL SCAL
	K Common Wgs45ss	5.0 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	x	
20.8.17 4877, 278	Wagnes Sciences		æ	
\$28,057,860 Calculation Calcu	Balance Less TBO	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -		
182.786 688.896 172.778 688.896 172.778 182.786 183.786 174.89 174.85 17	F 780			
Feetor 782 728 78 78 78 78 78 78 78 78 78 78 78 78 78	Forward-Looking Wages & Salaries Account Balance	1.85.16 26.75 10.75	Capital Amount Amount	11.00 100 100 100 100 100 100 100 100 10
Secret Litt Litt Oct. 2002 ACF1 Teb 3 - Colcustered (SBC), 1/2	Forward L	741 Reads, L25 L25 Reads, L25 L25 L25 Reads, L25 L25 L25 L25 Reads, L25 L25 L25 L25 L25 L25 L25 L25 L25 L25	Expense Amount Amount Amount	RANGE ME ME DE MAN DE M
SST RSTP and SCP - Chic portion) Setting here timent Factors Total follows: Total follows: Total follows: Total follows: Forward Looking Setting Investment with Sales Tes Total follows: Total Forward Looking Setting Investment with Sales Tes Total Forward Looking Setting Investment with Sales Tes Total Forward Looking Setting Investment with Sales Tes Total Forward Looking Setting Investment Investment Total Forward Looking Setting Investment	TELBICCurrent Cost RT1s B Description	WHOLESALE MARKETHIG ENEGLITIVE PLANNING ACCOUNTING AND FINANCE ENTERAL ELECTRONS HAMAN RESOURCE HOFF REMAINED MANAGEMENT I EGAL FROMEREN FOR ENTERAL MO OTHER GENERAL AND ACAMINISTRATIVE TOTAL	Account Description	Source LAND LOUGHSTRAINE I RETHORIC GUPCHT LAND LOUGHSTRAINE I RETHORIC GUPCHT TOOLS AND OTHER WASH EQUIPMENT FURNAITHERE FURNAITHERE FOR F
articling brea	SUPPORT ASSETS A Acct	66:10 67:17 67:22 67:23 67:24 67:25 67:26 67:26 67:26 67:26	A Capital Expense Account	Mumber 21111 2114 2114 2114 2114 2114 2114 21

*		o	a	
Industry Manage (IM)	SBC IM 2002 Total Exp (Nacc)	SBC IM 2002 Total Direct Exp (\$500)	Total SBC IN Exp	Autr Nu 2002 Total Direct Exp (\$3000)
Source	M Finance	IN Finance	(228	0.0-
Account Team	\$38,8C\$	24	32 19%	20
Marketing	\$29,229	05	32 19%	20
Access Operations	\$69,280	\$69,280	32 19%	\$22,299
ocal Operations	1313.744	\$313.744	32 HW.	\$100,983
253	\$28,632	\$28,032	32 19%	\$9,022
Support - Colocation	OK .	25	22 19%	20
novemental Lass Uncolacithes	X07,58\$	\$88,704	32 19%	\$28,872
Total IM Expenses	\$569,848	\$500,760		\$161,176
SBC Misseest Total Operating Expenses (2002 ARMS, Denot Regul	ated), Less Acrts 6610, 6710.	6720, 6790		\$2,334,615
Wholestale Deed Cost Percentage (All led Mits Deed Total All	Company Direct)			7.00.1

8 55555 5 5

SBC Industry Market Lacal Operations Center Expenses - 2002	B	C	
Float	Float	C	
Source	Edges	Edges	C
Source	Edges	Edges	C
Source	Edges	Ed	

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Description	Amount (\$000)
Source	2002 General Ledger
Americal Services, Inc.	26,38
SBC Downform	2877
Chap Wholesaw booked to 8610	\$6,267
Total All Othic for Account 6610	\$119,748

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UNCOLLECTIBLE EXPENSES - 2002 Expenses | Account OH |

Source | Source | Control |

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		Source:	Input Tab 2	Input Tab 2	F=0-E	Input Tab 2	D. H. H	Input Tab 2	- # - 7	Input Tab 2	K-1.K	Z	Note 3
										CAPCS			
Acct.	SWELL		Ohio Dec. 31, 2002 Booked Cost	Transition Benefit Obligation (TBO)	Booked Costs Less TBO	CC/BC	Current	Forward Looking Adjustmi	Total Forward Looking Costs	Factor Applies Only To Investment	Direct and Shared & Common Costs	TOTAL DIRECT COSTS	SHARED & COMMON COSTS
	TPIS - GENERAL SUPPORT												
2111	LAND		\$17,710		\$17,710	1,0000	7		\$17,710	16.60%	\$2,940	\$2,910	\$30
2112	MOTOR VEHICLES		\$77,053		\$77,053	1.0354			\$79,780				
2114	TOOLS AND OTHER WORK EQUIPMENT EXPENSE		\$63,891		\$63,891				\$72,861				30
2121	BUILDINGS		\$618,964		\$618,964		\$1.4		\$1,406,842		\$214	\$21	\$1,927
5 2122	FURNITURE		\$3,109						24,525				515
6 2123	OFFICE EQUIPMENT *		\$6,780	0\$			\$6,99		\$6,999			~	\$33
8 2110	GENERAL PURPOSE COMPUTERS (Note 1) TOTAL LAND & SUPPORT ASSETS		\$73,004	SIS	\$860,508	02717	\$19,835	05	5	24.73%	\$252,340	\$245,629	\$6,711
on c	True Petros Petros Suatomos												
11 2211	ANALOG ELECTRONIC SWITCHING		\$8.657		\$6.657	,	\$0	80	05		So	\$0	\$
	DIGITAL ELECTRONIC SWITCHING		\$1 539 482	\$70	\$15	0.7245	\$1,115.3	-\$134.0	\$981.2	17.90%		\$175.6	0\$
13 2210	Г		\$1,546,138	\$70							\$175,644		\$0
	П												
15 2220	OPERATOR SYSTEMS		\$19,356		\$19,356	1.1601	\$22.454	0.5	\$22,454	22.25%	8	34,996	36
17	TPIS - CENTRAL OFFICE TRANSMISSION:												
2231 167	18 2231 167C RADIO SYSTEMS-NON CELLULAR MOBILE		27		\$7	1	57		. \$7				
2			\$6,482		\$6,482	1.0245	\$6,6		\$6,641				
	П		\$6,489	20			3		05	22.25%	80	05	S
21 2232	2232 CIRCUIT EQUIPMENT		27,019,921	2002	£15.04R	10164	C+R 240		616 210	22 354	£3 607	£3 607	03
2232 257	23 223 257C DIGITAL CIRCUIT FOURMENT		\$922.831	\$436				-\$10,219			S	\$168,284	
2232 357	24 2232 357C DIGITAL CIRCUIT EQUIPMENT		\$1,010,358	\$428	\$1,009,930	0	S	2	\$980,945	19.00%	\$186,380	\$186,380	80
25 2232 57C	C ANALOG CIRCUIT EQUIPMENT		\$70,783			1 0179							
26 2230	TOTAL CENTRAL OFFICE TRANSMISSION		\$2,026,410	\$865	\$2,025,545		\$1,971,775	\$0	\$1,961,556		\$387,832	\$387,832	3
28	TPIS - INFORMATION ORIGITERM:												
29 2311	STATION APPARATUS		\$1,597		\$1,597		\$1,597		\$1,597	0.00%			05
	CUSTOMER PREMISES WIRING	4	0\$		\$0		\$0		\$0				3
	LARGE PRIVATE BRANCH EXCHANGES		2		80				05				05
32 2351	PUBLIC TELEPHONE TERMINAL EQUIPMENT	+	\$32,830		\$32,830	0.0270			216,000	22 93%	\$8,404	\$0,404	200
1	T		\$45,690	\$0	\$45,690		\$49.515	\$0	\$49,515				800
	T								Ц				
36	TPIS - CABLE & WIRE FACILITIES:												
			\$136,560	\$77	\$136,483	2 9942	\$408,657	\$252,395	\$156,262	15.22%	\$23,783	\$23,783	\$0
38 2421	AERIAL CABLE	-	2819,450		651 153	1 1001	90	650 336	1	71.6.21	41.312	21019	40
33 2421 B22C	AERIAL CABLE - NON-ME IALLIC		\$766.097	\$1340	\$764.757		.5		\$596 722		5	-	05
41 2422	•		\$709.176	\$590	L			L	L			L	
100	•		\$188,012	\$215		1 0800	\$202,821	-\$188,800	\$14,021	15.41%	\$2,161	\$2,161	0\$
	$\overline{}$		\$521,163	\$375	\$520,788								30
44 2423	BURIED CABLE		\$960,298	\$683	CAL 1113	1100	\$100.065	1	616 080			- 1	
24774 45	45 2423 843C BURIED CARLE - MOTHME I ALLIA		\$848 856	\$693			L	\$206.960	5	16.96%	\$228 879	\$228 879	05
47 2424	SUBMARINE CABLE		0175	\$0			80	П		Ш	Ш	11	

=L-N Note 3		DIRECT COMMON	000		\$00 \$00	\$511,154 \$0	\$1,356,159 \$6,711	\$6,711 \$233 \$734 \$0 \$7,445 \$23	\$37,959 \$311 \$604 \$11 \$16,177 \$519 \$7,274 \$80,728 \$62,015 \$81,568	\$0 \$0 \$29,088 \$2 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$2 \$0	\$60 \$5.978 \$24.285 \$30,343	\$5,407 \$0 \$0 \$0 \$1,760 \$0 \$25,670 \$0	\$1,780 \$0,397 \$0,397 \$0,397 \$0,397 \$0,505 \$0,505 \$0,778 \$0,778	
W X.(:-)	+	Common D	23	\$1,175		\$511.154	\$19,331	\$6,734 \$734 \$7,468	\$38,270 \$615 \$16,696 \$88,002 \$143,583	\$30,090 \$20,088	\$2	\$80 \$5,978 \$24,285 \$30,343	\$5,407 \$0 \$1,760 \$25,670 \$32,837	\$1,780 \$33,697 \$6,304 \$5,8851 \$0 \$0 \$0 \$1,778	0\$
K Input Tab 2	CAPCS	Only To	%000			20,00	410%								
J=H+I	Total	Looking	\$1,811	\$7,623	\$0	\$3,122,008	\$7,792,449	\$6.734 \$734 \$7,468	\$38,270 \$615 \$16,696 \$88,002 \$143,583	\$0 \$39,088 \$2 \$39,090	\$2	\$80 \$5,978 \$24,285 \$30,343	\$5,407 \$0 \$1,760 \$25,670 \$32,837	\$1,780 \$33,597 \$6,304 \$55,851 \$0 \$0 \$0	05
I Input Tab 2		Looking			\$69000	7	\$2,861,680	888	OS.	\$772 \$5,340 \$6,112	0\$	695	0\$	\$2.876 \$42.370 \$13.890 \$4,127	500.00
9.4*H		Current	\$1,811	\$7,623	\$0	\$5,849,635	\$10,664,349	\$6,734 \$734 \$7,468	\$815 \$615 \$16,696 \$88,002 \$143,583	\$772 \$44,428 \$2 \$2 \$45,202	\$2	\$80 \$6,047 \$24,285 \$30,412	\$5.407 \$0 \$1,760 \$25,670 \$32,837	\$4,656 \$75,967 \$20,194 \$51,723 \$0 \$0 \$1,778	05
G Input Tab 2		CC/BC	44125	1 1034	2 2470	6,6413	1 0000								
F=0-E		Costs Less TBO	\$410	\$6,909	\$000 500	\$3,369,054	\$7,913,334	\$6734 \$734 \$7,468	\$38.270 \$615 \$16.696 \$88.002 \$143,583	\$772 \$4.428 \$2 \$2	\$25	\$80 \$6,047 \$24,285 \$30,412	\$5.407 \$0 \$1,760 \$25,670 \$32,837	\$4,656 \$75,967 \$20,194 \$51,723 \$0 \$1,778	05
E Input Tab 2	Transition	Obligation (TBO)		0\$		\$2,700	\$3,732	888	22233	\$1,648 \$0 \$0 \$1,648	80	\$0 \$268 \$773 \$1,041	\$0 \$0 \$1,100 \$1,100	\$3,375 \$3,375 \$2,096 \$00 \$00 \$00 \$00	
D Input Tab 2	į	Dec. 31, 2002 Booked Cost	\$ 50	\$6,909	\$00	\$3,371,754	\$7,114	\$6.734 \$734 \$7,468	\$38,270 \$615 \$16,696 \$88,002 \$143,583	\$46,076 \$26,850	\$2	\$6.315 \$6.315 \$25.058 \$31,453	\$5,407 \$0 \$1,760 \$36,770 \$33,937	\$19,342 \$79,342 \$21,021 \$53,820 \$0 \$1,778	03
Source		TERS	SUBMARINE CABLE - NON-METALLIC SUBMARINE CABLE - METALLIC	50 2426 INTRABUILDING NETWORK CABLE 51 2426 642C INTRABUILDING NETWORK CABLE NON-METALLIC 51 2426 442C INTRABUILDING NETWORK CABLE NETALLIC 51 2426 442C INTRABUILDING NETWORK CABLE NETALLIC	ARITONOCIONE INTERACTORE METALLICA CONTRA ENCINE INCIDENCIA ENCINE ENCINE INCIDENCIA ENCINE ENCINCE ENCINE ENCINC ENCINE ENCINE ENCINE ENCINE ENCINE ENCINE ENCINC ENCIN	TOTAL CABLE AND WIRE FACILITIES	INTANGIBLE ASSETS TOTAL TPIS (BEFORE AMORTIZABLE ASSETS)	PLANT SPECIFIC OPERATIONS: NEWTORK SUPPORT EXPENSES; MAION VERDACLE EXPENSES TOXUS, AND OTHER WORK EQUIPMENT EXPENSE TOTAL NETWORK SUPPORT EXPENSES	GENERAL SUPPORT EXPENSES. 6121 LIAND AND BULDING EXPENSES. 6122 FICHBUTINE AND ARTWORKS EXPENSES. 6123 OFFICE EQUIPMENT EXPENSES. NOW GENERAL PURPOSE COMPUTERS EXPENSES (Note 1)	CENTRAL OFFICE SWITCHING EXPENSES. ANALOG ELECTRONIC EXPENSES DIGITAL ELECTROMICAL EXPENSES TOTAL CENTRAL OFFICE SWITCHING EXPENSES	OPERATOR SYSTEMS EXPENSES	CENTRAL OFFICE TRANSMISSION EXPENSES. CENTRAL OFFICE TRANSMISSION EXPENSES. CENTRAL CONFIDER CONFIDER OF TRANSMISSION EXPENSES. CENTRAL CONFIDER CONFIDER OF TRANSMISSION EXPENSES. CENTRAL OFFICE TRANSMISSION EXPENSES.	INFORMATION ORIGITEM EXPENSES. STATION APPARATUS EXPENSES LARGE FINANTE BRANCH EXCHANGE EXPENSES OTHER TERMINAL EQUIPMENT EXPENSES OTHER TERMINAL EQUIPMENT EXPENSES TOTAL INFORMATION ORIGITEM EXPENSES	CABLE AND WIRE FACULIES EXPENSES: POUL EXPENSES FORL, CABLE EXPENSES WINDERGOADUN CABLE EXPENSES SUBMARINE CABLE EXPENSES SUBMARINE CABLE EXPENSES INTRABULDING NETWORK CABLE EXPENSES INTRABULDING NETWORK CABLE EXPENSES	AERIAL WIRE EXPENSES
an		Acct.	2424 BBC 2424 BC	2426 2426 462C	2431	П	2690	6112	6121 6122 6123 6124(Note 7 6120	6211 6212 6215 6215	6220	6231 6232 257 232 (non 25) 6230	6311 6341 6351 6362 6310	6421 6422 6423 6423 6424 6426 6426	
4		No.	48	55.50	25 2	55 5	58 51 50	62 5 5 5 5	68 88 89 77	25225	78	833 883	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	28 88 88 89 100 t	102

Shared & Common Cost Study
Ohlo
2004-2007
Calculations (\$000)

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Column C			Source	Input Tab 2	Input Tab 2	F=D-E	Input Tab 2	9.4=H	Input Tab 2	J+H+1	Input Tab 2	Y. F. 7	N-7-N	Note 3
No.											CAPCS			
State March Park (1970; 19	* of	Acct.	ITEMS	Ohio Dec. 31, 2002 Booked Cost	Transition Benefit Obligation (TBO)	Booked Costs Less TBO	CC/BC	Cost	Forward Looking Adjustms	Forward Looking Costs	Factor Applies Only To Investment	Direct and Shared & Common Costs	TOTAL DIRECT COSTS	SHARED & COMMON COSTS
State Stat	107		PLANT NONSPECIFIC OPERATIONS EXPENSES											
State Provide Particular	60	6511	PROPERTY HELD FOR FUTURE TELECOM USE EXPEN	05	S			0\$		Ш		95	0\$	05
Colored Expressed State Colored Co	10	6512	PROVISIONING EXPENSES OTHER PROPERTY PLANT AND EQUIPMENT EXPENSE	\$5.129	3 3	\$5		\$5,129				\$5,129		33
STATE STAT	12	2												
State Stat	2	6531	POWER EXPENSES	\$12,793				\$12,793		\$12,793		\$12,793	\$12,793	03
6534 PARTICLES DEPORTS \$15,800 \$15,800 \$15,100	115		TESTING EXPENSES	\$47,852				\$45,804		\$45,804		\$45,804		\$0
State Control of the Control of	116		П	\$51,830				\$51,471		\$51,471		\$51,471	\$51,471	0\$
650 1074 FETWORK CPEANTONE EXPENSES 150,000 15	130			000,000				2						
640 ACCESS EXPENSES FUGATOR	19			\$156,082	\$2,880			\$153,202	0\$		0\$		\$153,202	05
	212			\$70,842	05			\$70,842		\$70,842		\$70,842	\$70,842	\$0
6650 AMORRIZATION ESPENSE. 550 600	22		DEBOSCIATION AND AMORTIZATION EXPENSES:											
66/20 CHARCATION - PROPER SET AND AMERICAN FOR EXPENSES. 45/10 Set AMERICAN FOR EXPENSES. <	24			\$508,608		\$508,608		\$508,608	\$508,608					
SAME AMARTICATION EXPENSES TANNOBLE SAME AMARTICATION EXPENSES	25			05		0\$		05						
6969 AMARRIZHOR EPENSE \$1570	27			\$17.793		\$17.793		\$17.793		X		697	ž	374
	28		AMORTIZATION EXPENSE - OTHER	\$1,573		\$1,573		\$1,573	Ц					
BANKETING EXPENSES. STROJUST MANAGEMENT	129		wI .	\$528,439		\$528,439		\$528,439	1225			265	74	\$24
MANACETING EXPENSES 146.511 150 146.511 146.51	35	069	TOTAL PLANT NONSPECIFIC OPERATIONS EXPENSES	\$760,492	\$2,880			\$757,612	Ц			\$229,638	\$229,615	\$24
6611 SMILES SMILES <td>33</td> <td></td> <td>MARKETING EXPENSES:</td> <td></td>	33		MARKETING EXPENSES:											
FORTING MARKET SERVICES FORTING MARKET S	2		П	\$46,511	05			\$46,511		\$46,511		\$46,511	05	\$46.511
66.10 TOTAL MARKETING EXPENSES \$119,717 \$119,717 \$119,717 \$0 \$119,717 \$119,7	38	6613	T	\$6,112				\$6,112		\$6,112		\$6,112		\$6,112
G621 CALL COMPLETION SERVICES \$5,042 \$14.89 \$4,899 \$4,199 \$4,199 \$4,199 \$4,199 \$4,199 \$4,199 \$4,199 \$4,199	3	6610	Ħ	\$119,748		Ц		\$119,717		*		\$119,717		\$119,717
6627 OLISTOMER SERVICES SERVICES \$15,042 \$14,135,145 \$16,996 \$18,999 \$18,999 \$18,999 \$18,999 \$18,999 \$19,365 \$19,365 \$19,365 \$19,365 \$19,365 \$19,365 \$19,365 \$19,365 \$19,365 \$19,365 \$19,365 \$19,365 \$19,365 \$19,365 \$19,365 \$19,365 \$19,365 \$19,365 \$10,567 \$1	39		SERVICES EXPENSES:											
6623 CUISTOMAER SERVICES \$183,595 \$183,595 \$181,615	9			\$5,042				X 899		510 365		\$19.50	\$19.899	2 3
6620 TOTAL SERVICES EXPENSES \$208,288 \$2,408 \$206,879 \$205,879 \$0 700 TOTAL CUSTOMER OPERATIONS EXPENSES \$128,026 \$2,440 \$225,596 \$0 \$21,78 \$4,178	3	L		\$183,505	"			\$181,615		\$181,615		\$181,615		
TOTAL CUSTOMER OPERATIONS EXPENSES \$238,056 \$2,440 \$225,566 \$50 \$225,566 \$50 \$225,566 \$50 \$225,566 \$50 \$525,566 \$50 \$525,566 \$50 \$525,566 \$50 \$525,566 \$50	2	Ш	П	\$208,288				\$205,879				\$205,879	_	\$0
EXECUTIVE AND PLANNING EXPENSES. \$4,178 \$4,18 \$4,178 \$4,18 \$4,178 \$4,18 \$	145		TOTAL CUSTOMER OPERATIONS EXPENSES	\$328,036	\$2,440	\$325		\$325,596				\$325,596	\$205,879	\$119,717
6771 EXCEUTIVE 6772 PLAVAING 6772 PLAVAING 6772 PLAVAING 6773 PLAVAING 6774 PLAVAING 6774 PLAVAING 6775 PLAVAING 6775 PLAVAING 6775 PLAVAING 6775 PLAVAING 6776 PLAVAING 6776 PLAVAING 6776 PLAVAING 6777 PLAVAING 677 PLAVAING 6777 PLAVAING 677 PLAVAIN	47													
STATE COLONGINA STATE	48			\$4.178	05			54.178		\$4,178		27.178	05	\$4,178
6721 ACCOLANTING AND FINANCE \$24 041 \$1 524 040 \$24 040 \$24 040 \$24 040 \$24 040 \$24 040 \$24 040 \$24 040 \$25 040	50			-	OS.			\$4,183		ä		\$4,183		\$4.183
6721 ACTIONUMENDA AND FINANCE \$2.3,041 \$1 \$2.4,040 \$2.2,040 \$2.2,040 6722 EXTERIAL RELATIONS \$1.2,594 \$1.2,594 \$1.2,562	151		GENERAL AND ADMINISTRATIVE EXPENSES:											
67.22 ENTRANSPORTED RECOGNERS \$12.594 \$12.594 \$12.594 \$12.594 \$12.594 \$12.594 \$12.594 \$12.594 \$12.594 \$12.594 \$12.594 \$12.594 \$13.594 </td <td>3</td> <td>11</td> <td>1</td> <td>\$24,041</td> <td></td> <td>Н</td> <td></td> <td>\$24,040</td> <td></td> <td>\$24,040</td> <td></td> <td>\$24,040</td> <td></td> <td>\$24,040</td>	3	11	1	\$24,041		Н		\$24,040		\$24,040		\$24,040		\$24,040
6724 INFORMATION MANAGEMENT **** \$30,105 \$18 \$30,086 \$10 \$20,086 \$0 \$20,086 6725 FIGURE \$1,096 \$1,096 \$2,000 \$1,999 \$1,999 \$1,999 \$1,999 \$1,999 \$1,239 \$	7 2			\$12,594				\$38.112		\$38,112		\$38,112	2 9	\$38,112
6725 IEROCUREMENT 672 2239 85 57 57 599 85 57	38		П	\$30,105		Н		\$30,086		П		\$30,086		\$30,086
6727 RESEARCH AND DEVELICINEENT \$2.523 \$9.523 \$2.523 6728 OTHER GENERAL AND ADMINISTRATIVE EXPENSES \$17.536 \$17.536 \$17.536 \$17.536 6729 OTHER GENERAL AND ADMINISTRATIVE EXPENSES \$17.536 \$17.536 \$17.536 \$17.536 6720 OTHER GENERAL AND ADMINISTRATIVE EXPENSES \$17.536 \$17.536 \$17.536 \$17.536 6730 OTHER GENERAL AND ADMINISTRATIVE EXPENSES \$17.536 \$17.536 \$17.536 \$17.536	158			\$2,239				\$2,239		\$2,239		\$2,239	2 03	\$2,239
6728 OTHER GENERAL AND ADMINISTRATIVE EXPENSES 517 559 445 519 446 510 529 446 510 510 529 446 510 510 510 529 446 510 510 510 510 510 510 510 510 510 510	58	П	П	\$2,523		Н		\$2,523				\$2,523		\$2,523
GTON DONANGINE DEFINITE DEFINI	8 5			\$177,058				\$176,986				\$176,986		\$176,986
THE PROPERTY OF THE PROPERTY O	62		П					•					24	100

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		Source	e: Input Tab 2	Input Tab 2	F=0-E	Input Tab 2	HeF.G	Input Tab 2	J*H*L	Input Tab 2	X-f-7	N-1-N	Note 3
										CAPCS			
- Che	Acct.	SHITT	Ohio Dec. 31, 2002 Rocked Con	Benefit Obligation	Booked Costs Less	28/22	Current	Forward	Forward Looking	Applies Only To	Shared & Common	TOTAL	SHARED &
164	7	S. S		(and	2							2	2
165	710	TOTAL CORPORATE OPERATIONS EXPENSES	\$181,241	17 \$71	\$181,169		\$181,169	05	\$181,169		\$181,169	0\$	\$181,169
166													
167	720	TOTAL OPERATING EXPENSES	\$1,696,014	4 \$15,479	\$1,680,536		\$1,680,536	\$590,770	\$1,089,766		\$1,089,766	\$707.265	\$382,500
168													
169		TOTAL OPERATING EXPENSES EXCL. DEPR. & AMORT	\$1,167,575	5 \$15,479	\$1,152,097		\$1,152,097	-\$62,796	\$1,089,301		\$1,089,301		\$382.477
170		Ad Valorem Tax - (Note 2)									\$105,495	\$104.976	
171		Transition Benefit Obigation (TBO)									\$19,210		
172 5	301/5302	172 53015302 (Uncollectible Expense (Accounts 5301 & 5302)									\$61,015	05	\$61,015
173													
174		Total Cost								Total Cost		\$2.452.638 \$2 188.40ml	CARG DEE

Note 1. The calculations for the assignment of accounts 2124 and 6124 to Direct and Shamd and Common calegories and any adjustment to 6724 are displayed on the inputs Tab.
Note 2. The calculations for the Aviations Tax and the assignment to Direct and Shamd and Common calegories are displayed on The inputs Tab.
Note 3. The calculation for the assignment of accounts 2111 through 2123, accounts 6112 through 6123, and account 6563 to the Shamd and Common calegories at displayed on the lipputs Tab.

May not add due to rounding to \$000

Shared & Common Cost Study
Ohio
2004-2007
Calculations (\$000)

Act Mo Mo Mo Mo Mo Mo Mo M	TPIS - GENERAL SUPPORT; LAND MOTOUS AND OTHER WORK EQUIPMENT EXPENSE BIOLIDINGS FILE BOLIDINGS FILE BOLIDINGS FILE BOLIDINGS TOTAL LAND & SUPPORT ASSETS TOTAL LAND & SUPPORT ASSETS TOTAL CENTRAL OFFICE SWITCHING OPERATOR SYSTEMS RADIO SYSTEMS AND CELLULAR MOBILE RADIO SYSTEMS AND CELLULAR MOBILE RADIO SYSTEMS AND FREE TRANSMISSION: RADIO SYSTEMS AND CELLULAR MOBILE RADIO SYSTEMS AND CELLULAR MOBILE RADIO SYSTEMS AND FROUTTIES	Ohio Dec 31, 2002 Booked Cost Booked Cost S77, 2002 S53, 891 S53, 891 S53, 2004 S60, 200 S61,	Input Tab 2 Transition Benefit Obligation	F=0-E	input Tab 2	9.4.1	Input Tab 2	T-H-F	Input Tab 2	¥.f=7.	2	Note 3
Nect New	L SUPPORT; ES HEN WORK EQUIPMENT EXPENSE HEN TO POSE COMPUTERS (Note 1) SUPPORT ASSETS SUPPORT ASSETS ROWIC SWITCHING ROWIC SWITCHING ROWIC SWITCHING LOFFICE SWITCHING LOFFICE SWITCHING LOFFICE SWITCHING LOFFICE SWITCHING LOFFICE SWITCHING LOFFICE SWITCHING STEMS LOFFICE SWATCHING STEMS SOUNCELLUAR MOBILE IS NON CELLUAR MOBILE IS NON CELLUAR MOBILE IS OTHER RADIO FACILITIES	Ohlo Dec. 31, 2002 Booked Cont S77, 053 S77, 053 S77, 053 S77, 054 S77, 054 S73, 054	Transition Benefit									
Act No.	LEMS EER WORK EQUIPMENT EXPENSE FENT WORK EQUIPMENT EXPENSE FENT STATEMENT (NOW 1) FORE COMPUTERS (NOW 1) FORE COMPUTERS (NOW 2) FORE SWITCHING ROAM CENTICHING STEMS OFFICE SWITCHING STEMS OFFICE SWITCHING STEMS OFFICE SWITCHING STEMS OFFICE TRANSMISSION: SAON CELLULAR MOBILE SAON CELLULAR MOBILE STEMS SAON CELLULAR MOBILE STEMS SAON CELLULAR MOBILE STEMS STEMS OFFICE TRANSMISSION: SAON CELLULAR MOBILE STEMS ST	Ohio Dec. 31, 2002 Booked Cost \$17, 2002 \$17, 2003 \$1, 20	Transition Benefit				CLEC ADJ.		CAPCS			Ĭ
2111 2111 2112 2114 2121 2122 2124 2124	SUPPORT; ES HER WORK EQUIPMENT EXPENSE HEN WORK EQUIPMENT EXPENSE HENT SUPPORT ASSETS SUPPORT ASSETS ROWIC SWITCHING ROWIC SWITCHING STEMS LOFFICE SWITCHING STEMS LOFFICE TRANSMISSION: COFFICE TRANSMISSION: SHOW CELLULAR MOBILE SANON CELLULAR MOBILE SONON CELLULAR	\$17.00 \$17.00 \$23.00 \$3.109 \$6.780 \$6.780 \$6.657 \$1.599,482 \$1.546,136	1000	Booked Costs Less	9	Current	Forward	Forward Looking	Factor Applies Only To	Direct and Shared & Common	TOTAL	SHARED &
2112 2112 2112 2112 2112 2123 2124 2124	ES TENDEN EQUIPMENT EXPENSE FEW WORK EQUIPMENT EXPENSE FOR THE STATE OF TAXABLE STATE OF THE SWITCHING ROAM SWITCHING ROAM SWITCHING STEUS STEUS COFFICE SWITCHING STEUS COFFICE SWITCHING STEUS SAON CELLULAR MOBILE SAON CELLULAR MOBILE SONON CELLULAR MOBILE STEUS S	\$17,710 \$77,053 \$50.89 \$51.09 \$6.70 \$6.70 \$6.70 \$6.60,50 \$1.539,482 \$1.539,482 \$1.546,138	(180)	081	20/20	100	Adjusting	2000	Investment	COSTS	50313	2000
2312 2121 2122 2122 2123 2120 2210 2211 220 220 2231 65C 2231 65C 2231 65C 2231 65C 2231 65C 2231 65C	FEN WORK EQUIPMENT EXPENSE FENT ** **********************************	\$17.053 \$53.891 \$6.18.964 \$3.109 \$6.73.004 \$180,508 \$1.599,482 \$1.546,138		\$17,710	1 0000	\$17,710		\$17,710	16.60%		\$2,910	\$30
2114 2122 2123 2123 2124 2100 2210 2210 2220 2230 2231 2231 2231	HENT - OSE COMPUTERS (Note 1) SUPPORT ASSETS SUPPORT ASSETS ROWIC SWITCHING ROWIC SWITCHING AL OFFICE SWITCHING AL OFFICE SWITCHING LOFFICE TRANSMISSION: SANON CELLUAR MOBILE SANON CELLUAR MOBILE SONON CELLUAR	\$53.89 \$6.894 \$1.09 \$6.780 \$6.780 \$6.657 \$1.599,482 \$1.546,138		\$77,053		\$79,780		\$79,780			-	\$46
2121 BULDINGS 2122 GENERAL PRED 2123 GFFICE EQUIPME 2124 GENERAL LAND & SI 2110 TOTAL CENTRAL 2212 DIGITAL ELECTR 2212 DIGITAL ELECTR 2212 DIGITAL ELECTR 2213 DIGITAL ELECTR 2214 DIGITAL ELECTR 2215 DIGITAL ELECTR 2216 DIGITAL ELECTR 2217 DIGITAL ELECTR 2218 DIGITAL ELECTR 221 GENORO SYSTEMS 2221 GENORO SYSTEMS 2222 GENORO SYSTEMS 2222 GENORO GENORO 2222 GENORO SYSTEMS 2222 GENORO GENORO GENORO 2222 SYSTEMS 2222 SYSTEMS 2222 SYSTEMS 2222 GENORO SYSTEMS 2222 SYSTEMS 2222 GENORO SYSTEMS 2222	FIGURE SWITCHING OFFICE SWITCHING FROME SWITCHING RONG SWITCHING RONG SWITCHING RONG SWITCHING STEMS OFFICE TRANSMISSION: STEMS OFFICE TRANSMISSION: SAON CELLUAR MOBILE SAON CELLUAR MOBILE SON THERE RADIO FACILITIES	\$6.964 \$3.109 \$6.780 \$73.004 \$860.509 \$1.539.482 \$1.539.482		\$63,891		\$72,861		\$72,861			Ш	\$0
2122 OFFICE COUMPRE 2123 OFFICE COUMPRE 2134 GENERAL PURPO 2110 TOTAL LAND & SI 2211 PRIS, CENTRAL 2212 DIGITAL ELECTR 2212 DIGITAL ELECTR 2213 DIGITAL ELECTR 2214 DIGITAL ELECTR 2215 OPERATOR SYSTEMS 2231 HST RADIO SYSTEMS 2231 HST RADIO SYSTEMS 2231 GROUT EQUIPM 2232 HST DIGITAL CROUPM 2232 STO DIGITAL CROUPM 2233 STO DIGITAL CROUPM 2233 STO DIGITAL CROUPM 2234 STO DIGITAL CROUPM 2235 STO DIGITAL CROUPM 2236 STO DIGITAL CROUPM 2237 STO DIGITAL CROUPM 2238 STO DIGITAL CROUPM 2238 STO DIGITAL CROUPM 2234 STO DIGITAL CROUPM 2235 STO DIGITAL CROUPM 2236 STO DIGITAL CROUPM 2237 STO DIGITAL CROUPM 2238 STO DIGITAL CROUPM 2238 STO DIGITAL CROUPM 2237	FENT * SUPPORT ASSETS OFFICE SWITCHING HONIC SWITCHING ALOFFICE SWITCHING STEARS LOFFICE TRANSMISSION: SANOW CELLUAR MOBILE IS AND FACULTIES SOTHER RADIO FACULTIES	\$3.109 \$6.780 \$860,506 \$1.559,482 \$1.559,482 \$1.546,138		\$618,964		\$1,406,842		\$1.406.842		\$21	\$21	\$1,927
2123 GENERAL PURPOS 2114 GENERAL PURPOS 2115 TOTAL LAND 6. SI 2211 TRIS CENTRAL 2211 DIGITAL ELECTRIA 2210 OFERATOR SYST 2210 OFERATOR SYST 2211 67 CADIO SYSTEMS 2231 67 CADIO SYSTEMS 2231 GROUTE GOUPAN 2221 GROUT GROUP 2221 GROUT GROUP 2222 GROUT GROUP 2222 GROUT GROUP 2222 GROUT GROUP 2222 GROUT GROUP	EINT COSE COMPUTERS (Note 1) SUPPORT ASSETS ROWL CANTCHING ROWL CANTCHING ROWL CANTCHING AL OFFICE SWITCHING AL OFFICE SWITCHING LOFFICE TRANSMISSION: SANON CELLULAR MOBILE SANON CELLULAR MOBILE SONON CELLULAR MOBILE SON	\$6.780 \$73,004 \$860,508 \$1,539,482 \$1,539,482 \$1,546,138		\$3,109	1 4556	\$4,525		K 525				\$15
2124 OGENERAL PURPO 2211 TPIS - CENTRAL 2212 DIGITAL ELECTR 2212 DIGITAL ELECTR 2210 TOTAL CENTRAL 2220 OPERATOR SYST 2221 ISTC RADIO SYSTEMS 2221 ISTC RADIO SYSTEMS 2221 ISTC RADIO SYSTEMS 2221 ISTC DIGITAL CIRCUI 2222 ISTC DIGITAL CIRCUI	OSE COMPUTERS (NOW 1) OPTICE SWITCHING: RONG SWITCHING RONG SWITCHING STEAS STEAS OFFICE SWITCHING STEAS OFFICE TRANSMISSION: S-NON CELLULAR MOBILE S-NON CELLULAR MOBILE S-OTHER RADIO FACILITIES	\$43,004 \$860,508 \$6,657 \$1,539,482 \$1,546,138	05	\$6.780	1 0324	\$6,999		\$6,999	18.83%		\$1,280	\$39
TPIS - CENTRALC 2211 ANALOG ELECTRI 2212 DIGITAL ELECTRI 2210 DIGITAL ELECTRI 2220 OPERATOR SYSTEMS 2231 STOROGO SYSTEMS 2232 CIRCUIT GUIDAN 2232 STOROGO SYSTEMS 2232 STOROGO SYSTEMS 2233 STOROGO SYSTEMS 2233 STOROGO SYSTEMS 2233 STOROGO SYSTEMS 2232 STOROGO SYSTEMS 2233 STOROGO SYSTEMS 2232 STOROGO SYSTEMS 2233 STOROGO SYSTEMS 23	OFFICE SWITCHING: RONIC SWITCHING RONIC SWITCHING STEMS STEMS OFFICE TRANSMISSION: S-NON CELLULAR MOBILE S-NON CELLULAR MOBILE S-OTHER RADIO FACILITIES	\$6.657 \$1,539,482 \$1,546,138	S	\$860,508		\$1,608,552	80	5	Ш	\$252,340	\$24	\$6,711
2211 AAALOG ELECTRE 2212 DIGITAL ELECTRE 2210 TOTAL CENTRAL 2220 OPERATOR SYST TRIS. CENTRAL OF 2231 167C PADIO SYSTEMS, 2231 167C PADIO SYSTEMS, 2232 CIRCUIT EQUIPM, 2232 167C DIGITAL CIRCUIT, 2232 257C DIGITAL CIRCUIT, 2232 257C DIGITAL CIRCUIT, 2232 257C DIGITAL CIRCUIT, 2232 257C DIGITAL CIRCUIT,	RONIC SWITCHING RONIC SWITCHING ALOFFICE SWITCHING STEMS LOFFICE TRANSMISSION: IS-NON CELLUAR MOBILE SS-OTHER RADIOF FACILITIES	\$6.657 \$1,539,482 \$1,546,138										
221 MONTAL CENTRAL 2210 TOTAL CENTRAL 2220 OPERATOR SYST 2231 167 RADIO SYSTEMS 2231 167 CADIO SYSTEMS 2231 CROUNT EQUIPM 2232 CROUNT EQUIPM 2232 STO DIGITAL CROUNT 2233 STO DIGITAL CROUNT 2234 STO DIGITAL CROUNT 2235 STO	RONIC SWITCHING IL OFFICE SWITCHING STEUS LOFFICE TRANSMISSION: SNOW CELLUAR MOBILE SCOTHER RADIOF ACULTIES	\$1,539,482		\$6.657		05	95	03		9	9	9
2210 COFEATOR SYSTEMS 2220 OPERATOR SYSTEMS 2231 167C RADIO SYSTEMS 2231 167C RADIO SYSTEMS 2232 CRADIO SYSTEMS 2232 SSTC DIGITAL CIRCUIT 2232 SSTC DIGITAL CIRCUIT 2232 SSTC DIGITAL CIRCUIT 2232 SSTC DIGITAL CIRCUIT	LL OFFICE SWITCHING STEMS OFFICE TRANSMISSION: S-NON CELLULAR MOBILE S-OTHER RADIO FACILITIES	\$1,546,138		\$1 539 411	0.7245	\$1 115 303		-	17 90%	\$199 639	1.	\$00
2220 OPERATOR SYSTEMS 2231 167C RADIO SYSTEMS 2232 CIRCUIT GUPM 2232 157C DIGITAL CIRCUIT 2232 257C DIGITAL CIRCUIT 2233 257C DIGITAL CIRCUIT 2233 257C DIGITAL CIRCUIT 2234 257C DIGITAL CIRCUIT 2244 257C DIGITAL CIRCUIT 2244 257C DIGITAL CIRCUIT 2244 257C DIGITAL CIRCUIT 2247 257C DIGI	STEMS LOFFICE TRANSMISSION: IS-NON CELLULAR MOBILE S-OTHER RADIO FACILITIES S		\$70	\$1,546,068		\$1,115,303	\$0	\$1,115,303		\$199,639	\$199,639	0\$
2220 OPERATOR SYSTI 1918 - CENTRAL (2231 167 CADIO SYSTEMS, 2231 67 CADIO SYSTEMS, 2231 CIRCUIT EQUIPM, 2232 CIRCUIT EQUIPM, 2232 257C DIGITAL CIRCUIT, 22	STEMS LOFFICE TRANSMISSION: US-NON CELLUAR MOBILE SG-OTHER RADIO FACILITIES					05						
TPISCEMTRAL (T2231 1677 RADIO SYSTEMS) 2231 167 RADIO SYSTEMS) 2231 RADIO SYSTEMS 2232 RADIO SYSTEMS 2232 1577 DIGITAL CIRCUIT 2232 2577 DIGITAL CIRCUIT 2232 2577 DIGITAL CIRCUIT 2232 2575 DIGITAL CIRCUIT	LOFFICE TRANSMISSION: S-NON CELLULAR MOBILE S-OTHER RADIO FACILITIES	\$19,356		\$19,356	1 1601	\$22.454	80	\$22.454	22.25%	\$4,996	\$4,996	\$0
2231 167C RADIO SYSTEMS. 2231 6ADIO SYSTEMS. 2231 CADIO SYSTEMS. 2232 CIRCUIT EQUIPMS. 2232 CIRCUIT EQUIPMS. 2232 SSPC DIGITAL CIRCUIT. 2232 SSPC DIGITAL CIRCUIT.	S-OTHER RADIO FACILITIES											
2231 67C RADIO SYSTEMS- 2231 RADIO SYSTEMS- 2232 CIRCUIT EQUIPM 2222 157C DIGITAL CIRCUIT 2232 257C DIGITAL CIRCUIT 2232 257C DIGITAL CIRCUIT	S-OTHER RADIO FACILITIES	23	7	57	1 0245	25		25				
2231 RADIO SYSTEMS 2232 CIRCUIT EQUIPM 2232 157C DIGITAL CIRCUIT 2232 257C DIGITAL CIRCUIT 2232 257C DIGITAL CIRCUIT 2232 257C DIGITAL CIRCUIT 2332 257C DIGITAL CIRCUIT 2332 257C DIGITAL CIRCUIT 2332 257C DIGITAL CIRCUIT	S	\$6.482		\$6,482	1.0245	\$6,641		\$6.641			1	
2232 2232 157C 2232 257C		\$6,489				\$0		\$0	22.25%	0\$	\$0	\$0
2232 157C 2232 257C 2232 357C	WENT	\$2,019,921	\$865			80		\$0				
2232 257C	UIT EQUIPMENT	\$15,948		\$15,948				\$16,210			_	
2232 357C	UIT EQUIPMENT	\$922,831		\$922,395				\$895,922		\$170,225	\$170.225	0.5
7000	OIT EQUIPMENT	91,010,356	274	\$1,009,930	08713	1300,943		3900.943	13.00%		1	
2230	ANALOS CIRCUII EQUIPMENI TOTAL CENTRAL OFFICE TRANSMISSION	\$2,026,410	\$865	\$2,025,545		"	0\$	"			-	
	TPIS - INFORMATION ORIGITERM:											
2311	RATUS	\$1,597		\$1,597	,	\$1,597		\$1,597	0.00%			20
2321	EMISES WIRING	2 2		0.00		2		0.00		2	200	0,00
2341	DARGE PRIVATE BRANCH EACHANGES	DER CE3		C12 R10		\$36.9		£16 913		CR A		25
2362	AL FOURMENT	\$11.264		\$11.264	0.9770			\$11.004	28.25%	\$3.109		S
2310	TOTAL INFORMATION ORIGINATION/TERMINATION	\$45,690	0\$	\$45,690			0\$	\$49,515				05
	TPIS - CARLE & WIRE FACILITIES											
2411		\$136.560	577	\$136.483	2 9942	\$408.657	The State of the last	\$408.657	15 22%	\$62,198	\$62 198	\$0
2421		\$819,450				0\$						
2421 822C	AERIAL CABLE - NON-METALLIC	\$53,353	THE REAL PROPERTY.	\$53,353		\$58,870		\$58,870			Ц	\$0
2421 22C	- METALLIC	\$766,097	\$1,340	\$764,757	1,7126	\$1,309,723	THE PARTY	\$1,309,723	16.96%	\$222,129	\$222,129	80
2422	O CABLE	\$709,176	\$590			05						-
2422 85C	UNDERGROUND CABLE - NON-METALLIC	\$188,012	\$215	\$187.797	1 0800	\$202,821		\$202,821		\$31,255	- 1	20
2422.5C	UNDERGROUND CABLE - METALLIC	\$521,163	\$375	\$520,788		\$979.654	No. of Street, or other Persons and Person	\$979,654	16.96%	\$166,149	\$166,149	80
2423 BURIED CABLE	CONTRACTOR OF THE PROPERTY OF	\$960,298	\$693	6111111	+ 4034	300 000		2400000		1	610 010	0
1 2423 045C BURIED CABLE : NOTH-ME IN	METAL IC	\$111.44C		CR48 167	1 2471	\$1 147 561		147 561	1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	£101 778	1	9
2000	DI E	6410	5	201,020		03				1	1	-

Shared & Common Cost Study
Ohio
2004-2007
Calculations (\$000)

I	Source:	Input Tab 2	Input Tab 2	F=D-E	Input Tab 2	H.F.G	Input Tab 2	1+H=F	Input Tab 2	Y.f.7	N-T-M	
							CLEC ADJ.		CAPCS	i		
	SMELL	Ohio Dec. 31, 2002 Booked Cost	Transition Benefit Obligation (TBO)	Booked Costs Less TBO	CC/BC	Cost	Forward Looking Adjustmt	Forward Looking Costs	Applies Only To Investment	Shared & Common Costs	TOTAL	SHARED &
8 8	SUBMARINE CABLE - NON-METALLIC SUBMARINE CABLE - METALLIC	82.2		\$410	44125	\$1.811		\$1.811	%000			
3	INTRABULDING NETWORK CABLE	\$99,132	05	66 000	1001	50		67 633	A 11 E			Ш
5 5	INTRABUILDING NETWORK CABLE - NON-METALLIC INTRABUILDING NETWORK CABLE - METALLIC	\$92,223		\$92,223		\$161,170		\$161,170	16.96%	5	~	
A G	AERIAL WIRE CONDUIT SYSTEMS	\$646 729		\$646.729	2 2479	\$1 453 781		\$1,453,781	13.75%	\$199		
Z	CABLE AND WIRE FACILITIES	\$3,371,754	\$2,700	\$3,369,054		\$5,849,635	0\$	\$5,849,635		\$931,934	\$931,934	Ш
A A	INTANGIBLE ASSETS TOTAL TPIS (BEFORE AMORTIZABLE ASSETS)	\$47,114	\$3,732	\$7,913,334	1 0000	\$10,664,349		\$47,114	41.0%	\$19,331	\$1,802,876	
3 3	PLANT SPECIFIC OPERATIONS: NEWTORK SUPPORT EXPENSES:											Ш
Eli	MOTOR VEHICLE EXPENSES	\$6,734	05	E5.734		\$6,734	9.0			\$6.734	\$6,711	
3	L NETWORK SUPPORT EXPENSES	\$7,468		\$7,468		\$7,468		\$7,468		\$7,468	-	
Z	GENERAL SUPPORT EXPENSES:	020 920		638 270		£38 270		C38 970		070 813	637 060	
12	6122 FURNITURE AND ARTWORKS EXPENSES	\$615	05	\$615		\$615		\$615		\$615		
1 2	CE EQUIPMENT EXPENSES FRAI PURPOSE COMPUTERS EXPENSES (Note 1)	\$16,696		\$15,595		\$88,002		\$15,696		\$16,696	\$7274	\$519
	TOTAL GENERAL SUPPORT EXPENSES	\$143,583		\$143,583		\$143,583	80	\$143,583		\$143,583	П	\$81,568
2	CENTRAL OFFICE SWITCHING EXPENSES:	2230				6443		6113		6443	Ш	Ш
3 5	DIGITAL ELECTRONIC EXPENSES	\$46,076	\$1,6	244.4		\$44,428		\$44,428		\$44.428	\$44.428	
SIE	ELECTRO-MECHANICAL EXPENSES TOTAL CENTRAL OFFICE SWITCHING EXPENSES	\$46,850	\$1,648	\$45,202		\$45,202	0\$	\$45,202		\$45,202	\$45,202	
15	OPERATOR SYSTEMS EXPENSES	25	0\$	\$2		\$2	S	Ш		\$25	23	
2	RAL OFFICE TRANSMISSION EXPENSES.											
ă	D SYSTEMS EXPENSES JUL FOLIPMENT EXPENSES - 257	\$6.315				\$6.047	1	\$6.047		\$6.047		
	84 232 (non 25) CIRCUIT EQUIPMENT EXPENSES (non 257)	\$25,058	\$773	\$24,285		\$24,285	5	\$24,285		\$24,285	\$24,285	
0	INFORMATION ORIGITERM EXPENSES	200				21 2/0/00		Ш		200		
A	STATION APPARATUS EXPENSES	\$5,407	05	\$5,407		\$5,407		\$5,407		\$5,407		
2 8	PUBLIC TELEPHONE TERMINAL EQUIPMENT EXPENSES	\$1,760		\$1,780		\$1,760		\$1,760		\$1,760		
出三	OTHER TERMINAL EQUIPMENT EXPENSES TOTAL INFORMATION ORIGITERM EXPENSES	\$33,937	\$1,100	\$32,837		\$32,637	\$0	\$32,837		\$32,630	\$32,837	
9	CABLE AND WIRE FACILITIES EXPENSES.	020.13	П			41 000		99078		930 10		
취군	POLE EXPENSES AFRIAL CABLE EXPENSES	\$79,342	5			\$75,967	1000000	\$75,967		\$75,967		
100	UNDERGROUND CABLE EXPENSES	\$21,021		\$20.194		\$20,194	A CONTRACTOR OF THE PERSON NAMED IN	\$20,194		\$20,194	\$20,194	
8	ARINE CABLE EXPENSES	0\$		05		05		80		03	Ш	
마	DEEP SEA CABLE EXPENSES INTRABUILDING NETWORK CABLE EXPENSES	\$1,778	0\$	\$1,778		\$1,778		\$1,778		\$1,778	-	
	AL WIRE EXPENSES	988 63				\$0.50		05		\$0.03	\$0	
Z E	AL CABLE AND WIRE FACILITIES EXPENSES	\$162,953	\$6,298	\$156,654		\$156,654	0\$	\$156		\$156,654		
15			Company of the last									

Figure 16.02 Figure 16.02 Figure 16.02 Figure 16.02 Figure 16.02 Figure 16.02 Figure 17.02 Figu	4	8	2	٥			9	ı	-	1	¥	7		z
Note Property Pr			Source	Input Tab 2	Input Tab 2	F=0-E	Input Tab 2	9.4=H	Input Tab 2	-+ H = 7	Input Tab 2	¥.::	N=1-N	Note 3
Note Court									CLEC ADJ.		CAPCS			
Column C	e o	Acet.	ITEMS	Ohio Dec. 31, 2002 Booked Cost	Transition Benefit Obligation (TBO)	Booked Costs Less TBO	CC/BC	Cost	Forward Looking Adjustmt	Forward Looking Costs	Factor Applies Only To Investment	Direct and Shared & Common Costs	TOTAL DIRECT COSTS	TOTAL SHARED & COMMON COSTS
State Control of C	107		DI ANT NONCBECIEIC OBEDATIONS EXPENSES		9.50									
State Stat	109		URE TELECOM USE EXPEN	0\$	0\$			80				05		
State Stat	110			\$5,129	2 23			\$5,129				\$5,129		
State Stat	113		POWER EXPENSES	\$12,793	05	\$12,793		\$12,793		\$12,793		\$12,793		
State Colored Colo	114		NETWORK ADMINISTRATION EXPENSES	\$9,622	0\$			\$9,622		\$9,622		\$9,622	П	
State Colore Co	116		PLANT OPERATIONS ADMINISTRATION EXPENSES	\$51,830	\$359			\$51,471		\$51,471		\$51,471		
Separation Color Methods (Carbot Methods (Carbot Methods (Carbot Methods (Carbot Methods (Carbot Methods)) Carbot Methods (Carbot Methods) Carbot Methods (Carbot Methods) Carbot Methods (Carbot Methods) Carbot Methods) Carbot Methods (Carbot Methods) Carbot Methods) Carbot Methods (Carbot Methods) Carbot Methods)	117		ENGINEERING EXPENSES	\$33,985	\$472	\$33,513		\$33,513		\$33,513		\$33,513		0\$
SCHOOL Compact No. Compa	100		TOTAL NETWORK OPERATIONS EXPENSES	\$156,082	\$2,880			\$153,202	80	\$153,202	0\$	\$153,202	\$153,202	0\$
Second S	120		ACCESS EXPENSES	\$70,842	\$0	\$70,842		\$70,842		\$70,842		\$70,842	\$70,842	\$0
6651 CHERCATION TROUBLE LOCAN PART IN SERVICE. 1506 600 5506 600 5506 600 5506 600 5506 600 4405 441 6656 AMONTIATION PEDPELSES. 1460 1465 14770	122		DEPRECIATION AND AMORTIZATION EXPENSES											
State Control Cont	124	11		\$508,608		\$508,608		\$508,608	Ц	0\$				
6564 AMORTIZATION DEPORES. 17.793	125			\$465		\$485		2465		\$465		\$465	241	\$24
6500 TOTAL PLANT MONSPECIFIC OPERATONS EXPENSES \$75,50.29 \$53,50.20 <	127		AMORTIZATION EXPENSE - INTANGIBLE	\$17,793		\$17,793		\$17,793						
6611 PAMPILE DEPOSES \$190.00 \$19.5 612 \$15.5 612 \$45.5 612 \$45.5 61 \$46.5 1 <td>129</td> <td></td> <td>AMORTIZATION EXPENSE - OTHER TOTAL DEPRECIATION AND AMORTIZATION EXPENSES</td> <td>\$528,439</td> <td></td> <td>\$528,439</td> <td></td> <td>\$528,439</td> <td>П</td> <td></td> <td></td> <td>\$465</td> <td>244</td> <td>\$24</td>	129		AMORTIZATION EXPENSE - OTHER TOTAL DEPRECIATION AND AMORTIZATION EXPENSES	\$528,439		\$528,439		\$528,439	П			\$465	244	\$24
HANCENING EXPERIES. 1,000 CLT MANAGEMENT	130		TOTAL PLANT NONSPECIFIC OPERATIONS EXPENSES	\$760,492	\$2,880			\$757,612		\$229,638		\$229,638	\$229,615	\$24
6611 PRODUCT MANAGEMENT 546.511	132		MARKETING EXPENSES											
SECULAR AND DEPONDER EXPONDER SECURAR AND DEPONDER EXPONDER EXPONDER SECURAR AND DEPONDER EXPONDER EXPOND	134	П	PRODUCT MANAGEMENT	\$46,511		Н		\$46,511		\$46,511		\$46,511		\$46,511
66.01 TOTAL MANNEETING ELPERAGE \$119,719 \$119,717 \$119,71	35		SALES PRODUCT ADVERTISING	\$67,125			I	\$6,094		\$67,094		\$67,094		\$67,094
GEZE I CALL COMPLETES \$15,042 \$14,899 \$4,899	137		TOTAL MARKETING EXPENSES	\$119,748		П		\$119,717		Ш		\$119,717		\$119,717
662.1 IAMBER SERVICES \$14,899 \$4,899 <t< td=""><td>139</td><td></td><td>SERVICES EXPENSES.</td><td></td><td></td><td>Ш</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	139		SERVICES EXPENSES.			Ш								
66223 CUSTOWIER SERVICES \$181,616	140		CALL COMPLETION SERVICES NUMBER SERVICES	\$19.741				\$19,365		\$19,365		\$19,365		
TOTAL CUSTOMER OPERATIONS EXPENSES. \$1178	142		CUSTOMER SERVICES TOTAL SERVICES EXPENSES	\$183,505 \$208,288				\$181,615		\$181,615		\$181,615		
6711 EXECUTIVE AND PLANNING EXPENSES. \$4,178 \$0 \$4,178 \$0 \$4,178 \$1,183 \$4,178 \$1,183 </td <td>144</td> <td></td> <td>TOTAL CLISTOMER OPERATIONS EXPENSES</td> <td>\$328 036</td> <td>Mi</td> <td></td> <td></td> <td>\$325 596</td> <td></td> <td>Ш</td> <td></td> <td>\$325 596</td> <td>1 1</td> <td>\$1197</td>	144		TOTAL CLISTOMER OPERATIONS EXPENSES	\$328 036	Mi			\$325 596		Ш		\$325 596	1 1	\$1197
6711 EXECUTIVE \$4,178 \$4,178 \$4,178 \$4,178 \$178 <td>146</td> <td>Ш</td> <td>EXECUTIVE AND PLANNING EXPENSES.</td> <td></td>	146	Ш	EXECUTIVE AND PLANNING EXPENSES.											
6712 PLANNING STATION	148		EXECUTIVE	\$4,178	05	\$4,178		\$4,178		\$4,178		\$4,178	03	X,178
6721 ACCOUNTING AND PAINISTRATIVE EXPENSES. \$24,040	150		PLANNING TOTAL EXECUTIVE AND PLANNING EXPENSES	K 183	3 3	\$4,183		\$4,183		\$4 183		K 183	3 3	\$4.183
6721 ACCOUNTING AND FINANCE \$24.040 \$1.54.040 \$24.042 \$24.042 </td <td>151</td> <td></td> <td>GENERAL AND ADMINISTRATIVE EXPENSES:</td> <td></td>	151		GENERAL AND ADMINISTRATIVE EXPENSES:											
6722 EXTENDARA READIGORS \$12.582 \$12.582 \$12.582 \$12.582 \$10.582	153		ACCOUNTING AND FINANCE	\$24,041				\$24,040		\$24,040		\$24,040		\$24,040
6724 INFORMATION MANAGEMENT \$50,066 \$10,086 \$0,086 \$0,086 \$0,086 \$0,086 \$0,086 \$0 \$10,086 \$0 \$10,086 \$	154		EXTERNAL RELATIONS HI IMAN RESOLIRCES	\$12.594				\$12,582		\$12,582		\$12,582		\$12,582
6725 LEGAL LEGAL \$7.959 \$0.9759 \$1.959 \$0.9759 <	156		INFORMATION MANAGEMENT ***	\$30,105				\$30,088		\$30,086		\$30,086		\$30,086
6727 RESEARCH AND DEVELOPMENT 52.523 50.0 52.523 52.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0	157		LEGAL	\$7,959				\$7,959		\$7,959		\$7,959		\$7,959
6728 OTHER GENERAL AND ADMINISTRATIVE EXPENSES \$59 449 \$59 446 \$59 446 \$59 446 \$59 446 \$50 446	159		RESEARCH AND DEVELOPMENT	\$2,523		П		\$2,523		\$2,523		\$2,523		\$2,523
	160		OTHER GENERAL AND ADMINISTRATIVE **** TOTAL GENERAL AND ADMINISTRATIVE EXPENSES	\$177,058				\$176,986		\$176,986		\$176,986		\$176,986
THE PARTY PA	162													

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		Source:	Input Tab 2	Input Tab 2	3-0=d	Input Tab 2	D.daH	Input Tab 2	1+H=f	Input Tab 2	X.f.1	M.L.N	Note 3
								CLEC ADJ.		CAPCS			
e g	Acct.	ITEMS	Ohio Dec. 31, 2002 Booked Cost	Transition Benefit Obligation (TBO)	Booked Costs Less TBO	CC/BC	Current	Forward Looking Adjustmi	Total Forward Looking Costs	Factor Applies Only To Investment	Shared & Common Costs	TOTAL	SHARED & COMMON COSTS
164				1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									
165	710	TOTAL CORPORATE OPERATIONS EXPENSES	\$181,241	\$71	\$181,169		\$181,169	05	\$181,169		\$181,169	05	\$181,169
166													
167	720	TOTAL OPERATING EXPENSES	\$1,696,014	\$15,479	\$1,680,536		\$1,680,536	5527.974	\$1,152,562		\$1,152,562	\$770,061	\$382,500
168													
169		TOTAL OPERATING EXPENSES EXCL. DEPR. & AMORT.	\$1,167,575	\$15,479	\$1,152,097		\$1,152,097	20	\$1,152,097		\$1,152,097	\$769,620	\$382.477
170		Ad Valorem Tax - (Note 2)									\$144,376	\$143,840	\$5
171		Transition Benefit Obligation (TBO)									\$19,210		\$19,210
172	5301/5302	172 5301/5302 Unxollectible Expense (Accounts 5301 & 5302)									\$61,015	23	
173													
174		Total Cost								Total Cost		\$2,962,148 \$2,716,777	\$469.97

Note 1. The calculations for the assignment of accounts 2124 and 6124 to Derect and Shamd and Common categories and any adjustment to 6724 and displayed on the inputs Tab.
Note 2. The calculations for the AV Valorem Tax and the assignment to Derect and Shamd and Common categories are despityed on The inputs Tab.
Note 3. The calculation for the assignment of accounts 2111 through 2120, accounts 6112 through 6120, and account 6553 to the Shamd and Common categories or despityed on the inputs Tab.

May not add due to rounding to \$000.

Shared & Common Cost Study
Ohlo
2004-2007
Calculations (\$500)

+	00	5	Source: Innut Tab 2	Inclut Tab 2	FEDE	Input Tab 2	D. H. H	Inout Tab 2	Har	inout Tab 2	¥. [*]	2 2	Note 1
-					3			CIECADI		CIECADI			2 400
_								NO.1		NO.2			
-	Acd	TELE	Ohio Dec. 31, 2002	Benefit Obligation	Booked Costs Less	2000	Current	Forward	Forward Looking	Cap Cost Factor Applies Only To	Shared & Common	DIRECT	SHARED &
+	a de	TPIS - GENERAL SUPPORT		П									
-	2111	LAND	\$17,710	0	\$17,710		\$17,710		\$17,710		\$1,842		
2	2112	MOTOR VEHICLES	\$77,053	3	\$77,053		\$79,780		\$79,780			- 1	\$37
e .	2114	TOOLS AND OTHER WORK EQUIPMENT EXPENSE	\$63,891		\$63.891		\$72,861		\$72,861		\$9,440	\$9.440	
4	2121	BUILDINGS	\$618,964		\$618,964	22729	\$1,406,842		\$1,406,842	9.51%			\$1,227
0 9	27.72	FURNITURE	53,109		23,109		\$4,525		\$4,323		1750	2410	2009
0 1	2000	DEFICE EQUIPMENT	473,00		C72 ANA		610 R35		410 BTK				ı
- 00	2110	TOTAL LAND & SUPPORT ASSETS	\$860,508	8	\$860,508		\$1,608,552	\$0	\$1,608,552		\$162,964	\$158,193	\$4,771
on c		The Course occupe supportation											
1	2344	ANALOG ELECTRONIC SWITCHING	SA RET		CA RET		\$	03	40		0	5	9
- 0	2243	DIGITAL ELECTBONIC SMITCHING	£1 539 482		61.3	0.7345	\$1 115 303		£1 115 303	10 92%	\$1217	\$1217	200
13	2210	TOTAL CENTRAL OFFICE SWITCHING	\$1,546,138	8 \$70			\$1,115,303	20	\$1,115,303				\$0
14							\$0						
42 6	2220	OPERATOR SYSTEMS	\$19,356	9	\$19,356	11601	\$22,454	0\$	\$22,454	13,72%	\$3,080	\$3,080	\$0
010		TRIS CENTRAL OFFICE TRANSMISSION:											
18 2	2231 167C	RADIO SYSTEMS-NON CELLULAR MOBILE	25	4	22	1 0245	\$7		\$7				
	2231 67C	RADIO SYSTEMS-OTHER RADIO FACILITIES	\$6,482	2	\$6,482		\$6,641		\$6,641				
	2231		\$6,489				\$0		\$0	13.72%	0\$	0\$	\$0
	2232	CIRCUIT EQUIPMENT	\$2,019,921	1 \$865			80		\$0				
	232 157C	2232 157C DIGITAL CIRCUIT EQUIPMENT	\$15,948		\$15,948		\$16,210		\$16,210			_	
	232 257C	2232 257C DIGITAL CIRCUIT EQUIPMENT	\$922.831		\$922,395		\$895,922	The Party of the P	\$895,922			_	80
	2232 357C	2232 357C DIGITAL CIRCUIT EQUIPMENT	\$1,010,356	275	\$1,009,930	10178	\$380,945		\$380,945	13.06%	1		
	2230	+	\$2,026,410	\$865	\$2 025 545		\$1971775	20	\$1971775		\$275.713	3 \$275,713	05
1													
89		TPIS - INFORMATION ORIGITERM											
0	2311	STATION APPARATUS	199,13		1881		195,13		\$1,597	0.00%	20		80
0	2321	CUSTOMER PREMISES WIRING	08	0.0	04		90		000	24 84%		200	
-10	2351	PURIC TELEPHONE TERMINAL FOURMENT	£32 83	000	\$32 830	1 1244	\$36.913		\$36 913			\$5.	03
100	2362	OTHER TERMINAL EQUIPMENT	\$11,264	7	\$11,264		\$11,004		\$11,004	24.84%	\$2,734		
z	2310	TOTAL INFORMATION ORIGINATION/TERMINATION	\$45,690	0\$	\$45,690		\$49,515	0\$	\$49.515				
10 4		TOIS CARLE & WIRE FACILITIES											
1	2411	POLES	\$136.560	577	\$136.483	2 9942	\$408.657		\$408 657	70.69%	\$43.675	\$43 675	03
100	2421	AFRIAL CABLE	\$819,450				20					L	
	2421 822C	4	\$53,353	3	\$53,353		\$58,870	The second second	\$58.870	11.51%		L	\$00
	242122C	-	\$766,097	5	\$764,757		\$1,309,723	年を	\$1,309,723		S	~	
1 -	2422	•	\$709,178				\$0						
	2422 85C	-	\$188,012	2 \$215			\$202,821	Towns and the least	\$202,821				\$0
43	2422 SC	UNDERGROUND CABLE - METALLIC	\$521,163		\$520,788	1 8811	\$979,654	からなり 日本の	\$979,654	9.35%	\$91,609	\$91,609	\$0
	2423	BURIED CABLE NOW METALLIC	\$960,298	\$693	C44 443	1.1024	\$122 065		£122 066	731 11		- 1	
2 4	2427 446	-	5848 BEG				\$1 142 561		£1 142 561		4115,417	C115,417	200
	200	-	0.79	200							1	п	-

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00	,	,	-		,		-	,	4	4		
	Source:	Input Tab 2	Input Tab 2	F=D-E	Input Tab 2	D.J.H	Input Tab 2	J+H+I	Input Tab 2	X.f.1	N-T-N	Note 3
10.1							CLEC ADJ.		CLEC ADJ.			
Acct	TENS	Ohio Dec. 31, 2002 Booked Cost	Transition Benefit Obligation (TBO)	Booked Costs Less TBO	CC/BC	Current	Forward Looking Adjustmi	Forward Looking Costs	Cap Cost Factor Applies Only To	Shared & Common Courts	TOTAL	SHARED & COMMON COSTS
2424 86C	SUBMARINE CABLE - NON-M	0\$		05	44125	05	П	0\$	8000	Ш	05	20
2426		\$99,132	05	014	67144	0\$		110/14				04
51 2426 462C 52 2426 442C		\$6,909		\$6,909	1 7476	\$1,623		\$7,623	11.27%	\$18.161		05
31		0\$		0\$	00000	0\$		0\$			05	05
2410	TOTAL CABLE AND WIRE FACILITIES	\$3,371,754	\$2,700	\$3,369,054	61577	\$5,849,635	0\$	\$5,849,635	8.453	\$583,852	11	0\$
2690	INTANGIBLE ASSETS TOTAL TPIS (BEFORE AMORTIZABLE ASSETS)	\$47,114	527.52	\$7,913,334	1 0000	\$47,114	95	\$10,664,349	21.0%	\$9.886	\$9.886	\$4 771
	PI ANT SPECIFIC OPERATIONS:											
	NEWTORK SUPPORT EXPENSES.		**			100		-			П	
6112	MOTOR VEHICLE EXPENSES TOOLS AND OTHER WORK EQUIPMENT EXPENSE	\$734	808	\$5,734		\$6,734	2 2	\$6,734		\$6,734	\$734	\$23
10	TOTAL NETWORK SUPPORT EXPENSES	\$7,468	0\$	\$7,468		\$7,468		\$7,468		\$7,468		\$23
6124	GENERAL SUPPORT EXPENSES:	£38 220	5	638 970		C18 270		£38 270		C38 270	Ш	200
6122	2 FURNITURE AND ARTWORKS EXPENSES	\$615		Ш		\$615		\$615		\$615		
6123 6124/Note	3 OFFICE EQUIPMENT EXPENSES GENERAL PURPOSE COMPUTERS EXPENSES (Note 1)	\$16,696		\$16,696		\$16,696		\$16,696		\$16,696	\$16,177	\$519
6120		\$143,583	93	_		\$143,583	0\$	\$143,583		\$143,583		\$81,568
	CENTRAL OFFICE SWITCHING EXPENSES:											
6211	ANALOG ELECTRONIC EXPENSES DIGITAL ELECTRONIC EXPENSES	\$48 076	5	\$172		\$44 428		\$44.428		\$44.428	\$44 428	05
42	ELECTRO-MECHANICAL EXPENSES	\$2				\$2		\$2		\$2	Ш	0\$
6210	TOTAL CENTRAL OFFICE SWITCHING EXPENSES	\$46,850	21	\$45,202		\$45,202	20	\$45,202		\$45,202	\$45,202	05
6220	OPERATOR SYSTEMS EXPENSES	\$2	0\$	\$2		\$2	05	\$2		\$2	\$2	\$0
	CENTRAL OFFICE TRANSMISSION EXPENSES:											
6232 257	RADIO SYSTEMS EXPENSES CIRCUIT EQUIPMENT EXPENSES - 257	\$6.315				\$6.047	100	\$6.047		\$6.047		200
8	(non 25 CIRCUIT EQUIPMENT EXPENSES (non 257)	\$25,058	\$773	\$24,285		\$24,285		\$24,285		\$24.285	\$24,285	So
2	TOTAL CENTRAL OFFICE HONSMISSION EXPENSES	200				7(4)00		330,416		330,412	\mathbf{H}	26
6311	STATION APPARATUS EXPENSES	\$5.407		\$5 407		\$5.407		\$5.407		\$5.407	\$5 407	80
6341	LARGE PRIVATE BRANCH EXCHANGE EXPENSES	\$0	80			05		05		80	Ш	\$0
6351	PUBLIC TELEPHONE TERMINAL EQUIPMENT EXPENSES	\$1,760				\$1,760		\$1,760		\$1,760		05
6310	TOTAL INFORMATION ORIGITERM EXPENSES	\$33,937	\$1,100	\$32,837		\$32,837	0\$	\$32,837		\$32,837	\$32,837	200
	CABLE AND WIRE FACILITIES EXPENSES:											
- 1	POLE EXPENSES	\$3,778	05	\$3,778		\$3,778		\$3,778		\$3,778		\$0
22	AERIAL CABLE EXPENSES INDEPREDICTION CARLE EXPENSES	\$20,198				\$19.371		\$12,015		\$12,015		20
6423	BURIED CABLE EXPENSES	\$53,219				\$51,123		\$51,123		\$51,123		80
6424	SUBMARINE CABLE EXPENSES	05	3	03		05		05		20		05
6426	INTRABUILDING NETWORK CABLE EXPENSES	\$1,730	28.	\$1,730		\$1,730		\$1,730		\$1,730	\$1,730	S
6441	CONDUIT SYSTEMS EXPENSES	\$2,053	2 3	\$2,053		\$2,053		\$2.053		\$2,063		200
6410	TOTAL CABLE AND WIRE FACILITIES EXPENSES	\$156,368	\$6,298	\$150,070		\$150,070	05	\$150,070		\$150,070	\$150,070	2
						The second second				The second second		

Source Input Tab 2 Input Tab 2 Input Tab 2 Input Tab 2 Input Tab 3 Input	4	m	0	٥	3	4	9		1	7	¥	1	,	z
Column C			Source	Input Tab 2	Input Tab 2	F=0-E	Input Tab 2	H.F.G	Input Tab 2	1+H=r	Input Tab 2	X.F.7	M+L+N	Note 3
Authority (Control of Particles Control (Control (Contr		1		oldo	Transition	Booked			CLEC ADJ.	Total	CLEC ADJ. NO. 2 Cap Cost Factor Apolise		TOTAL	TOTAL
State Machine Control of Particles Fig. 19 Fig	No		TEMS	Dec. 31, 2002 Booked Cost	Obligation (TBO)	Coets Less TBO	CCIBC	Cont	Looking	Looking	Only To Investment	Control	DIRECT	COMMON
String S	106		PLANT NONSPECIFIC OPERATIONS EXPENSES. PROCERTY HELD FOR FILLING THE ECOM USE EXPENSI	05				0\$		0\$		\$0	Ш	3
State Stat	110		PROVISIONING EXPENSES OTHER PROPERTY, PLANT AND EQUIPMENT EXPENSES	\$5,129				\$5,129		\$5,129		\$5,129		SS
State Continue	113			\$12,793				\$12,793		\$12,793		\$12,793		05
State Colored Colo	115		П	\$9,622 \$47,852	\$2,0			\$45,804		\$9,622		\$45.804		221
Color Not	111			\$31,985				\$33,513		\$33,513		\$33,513		203
6640 CACCESS DOPEGES FOR ALL	119	11	T	\$156,082	\$2,880			\$153,202		\$153,202		П	\$153,202	S
ENTIFICATION OF NOTE COLOR ANT RESPONSED. ESG 600	120	Ш		\$70,842	05			\$70,842		\$70.842		\$70,842		05
State March Control Contro	122		DEPRECIATION AND AMORTIZATION EXPENSES.					000	Ш					
6643. MACRITAZIONE DEPORTE. TAVABLE \$1465. MACRITAZIONE DEPORTE. TAVABLE \$1450. MACRITAZIONE DEPORTE. TAVABLE \$1450. MACRITAZIONE DEPORTE. TAVABLE \$1750. MACRITAZIONE DEPORTE. TAVABLE DEPORTE. TAVA	125		DEPRECIATION - TELECOM PLANT IN SERVICE DEPRECIATION - PROP HELD FOR FUTURE TELECOM U	\$508,608		\$508,608		\$508,608	\$508,6	80				
6663 AMCHILLOTON EXPENSE \$15.79 \$15.93	126		П	\$17,793		\$17,793		\$17,793				\$465		\$24
MANKETING EXPENSES 1904422 12,806 1917 10.14	128			\$1,573		\$1,573		\$528,439				\$465		\$24
PRODUCT MANGEMENT PROD	138		TOTAL PLANT MONSPECIFIC OPERATIONS EXPENSES	\$760 492	\$2 880			\$757.812		\$229 638		\$229 638		\$24
6611 PRODUCTIVA DEPLISES FAGE IT INCLUDATE AND DEPLISES	132								Ш					
6612 PACTORIAL MARKETINESTRACE 861 125 513 561 126 510 44 567 104 567 104 567 104 567 104 567 104 567 104 567 104 567 104 567 104 567 104 567 102	133			\$46,511		+		\$46,511		\$46.511		\$46,511		\$46,511
SERVICES EXPENSES 19,745	135	П	П	\$67,125				\$67,094		\$67,094		\$67,094		\$67,094
GRAZI CALL COMPLETION SERVICES \$5.00 to 10 moles \$19.005	137		П	\$119,748		Ш		\$119,717		\$119,717		\$119,717		\$119,717
6627 CALL COMPLETIONS SERVICES \$14,889 \$14,889 \$14,889 \$14,889 \$14,889 \$14,889 \$14,889 \$14,889 \$14,889 \$14,889 \$14,889 \$18,889<	139		SER											
6623 OLISTOMER SERVICES \$181,615 \$181,6	140		SALM	\$19.741				\$19.899		\$19.365		\$19.899		23
TOTAL CUSTOMER OPERATIONS EXPENSES \$2.440 \$325,596 \$1225,5	142	П	П	\$183,505	5	Ш		\$181,615		\$181,615		\$181,615	1 1	33
6711 EXECUTIVE AND PLANNING EXPENSES. \$4.178 \$6.178 \$4.178<	4 4	Ш	11	\$328 036				\$125 598		\$325 596		965 523		П
6711 PREQUITIVE \$4.178 \$4.178 \$4.178 \$4.178 \$4.178 \$4.183 \$4.18	145		EXECUTIVE AND PLANNING EXPENSES.											
6712 PLANNING EXPENSIVE EXCUTRE AND PLANNING EXPENSES \$4,183 \$9 \$4,183 \$9 \$4,183 \$9 \$4,183 \$9 \$1,183 \$9 \$1,183 \$9 \$1,183 \$9 \$1,183 \$9 \$1,183 \$9 \$1,183 \$9 \$1,183 \$9 \$1,183 \$9 \$9 \$1,183	148	Ш		\$4,178				\$4.178		\$4.178		\$4,178		\$4,178
6721 GENERAL AND ADMINISTRATIVE EXPENSES; \$2.4 Out \$1.2 597 \$2.4 Out <	150			183 14,183				\$4,183		\$4,183		\$4,183		\$4,183
67.21 ACCOUNTING MULL ACCOUNTING MULL SECTION ACCOUNTING MULL SECTION ACCOUNTING MULL	151									0,000		100		
6773 HUMAN RESOURCES \$186,112 \$186,112 \$10,086	3 3		T	\$12.594				\$12.562		\$12.582		\$12.582		\$12 582
67.73 IECAL IECAL AD JOSE 35 JOSE	155		П	\$38,114				\$38,112		\$38,112		\$38,112		\$38,112
6726 PROCUREMENT \$2.239 \$2.239 \$2.239 \$2.239 \$2.239 \$0 6727 RESEARCH AND DEVELOPMENT \$2.523 \$2.523 \$2.523 \$2.523 \$0 6728 OTHER GENERAL AND ADMINISTRATIVE \$59.446 \$37 \$176.986	157		-	\$7,959				\$7,959		\$7,959		\$7,959		\$7,959
6720 OTHER GENERAL AND ADMINISTRATIVE TO TALL GENERAL AND ADMINISTRATIVE EXPENSES \$177,058 \$71 \$176,986 \$176,986 \$10 \$10 \$176,986 \$10 \$	158	Ш	П	\$2 239				\$2,239		\$2,239		\$2,239		\$2,239
	160	Ш	П	\$59,483				\$59,446		\$176 986		\$59 446		\$59 446
The same of the sa	162		П			Ш								200

¥	8	υ	٥	3		9	1		•	×	7	2	z
		Source	input Tab 2	Input Tab 2	F=0-E	Input Tab 2	D. J=H	Input Tab 2	J-H-F	Input Tab 2	X.f.1	M=L-N	Note 3
								CLEC ADJ.		CLEC ADJ.			
No.	Acet.	SHELL	Ohio Dec. 31, 2002 Booked Cost	Transition Benefit Obligation (TBO)	Booked Costs Less TBO	CC/BC	Current	Forward Looking Adjustmt	Total Forward Looking Costs	Cap Cost Factor Applies Only To Investment	Shared & Common Costs	TOTAL DIRECT COSTS	TOTAL SHARED & COMMON COSTS
20												200	
165	710	TOTAL CORPORATE OPERATIONS EXPENSES	\$181,241	1 \$71	\$181,169		\$181,169	0\$ 6	\$181,169		\$181,169	80	\$181,169
991													
167	720	TOTAL OPERATING EXPENSES	\$1,689,430	\$15,479	\$1,673,951		\$1,673,951	1 -\$527,974	\$1,145,977		\$1,145,977	\$763,477	\$382,500
88		THE PROPERTY OF THE PARTY OF TH	1000000										
169		TOTAL OPERATING EXPENSES EXCL. DEPR & AMORT	\$1,150,991	\$15,479	\$1,145,512		\$1,145,512	2 \$0	\$1,145,512		\$1,145,512	\$763,035	\$382,477
170		Ad Valorem Tax - (Note 2)									\$144,378	\$143,785	- 550
171		Transition Benefit Obligation (TBO)									\$19,210		\$19,210
172	5301/5302	172 5301/5302 Uncollectible Expense (Accounts 5301 & 5302)									\$61,015	80	
173												1	
174		Total Cost								Total Cost		\$2,311,134 \$2,067,647	\$468,088

Note 1. The calculations for the assignment of accounts 2124 and 5124 to Direct and Shared and Common categories and any adjustment to 6724, are displayed on the inputs Tab.
Note 2. The calculations for the AV Maxem Tax and the assignment to Direct and Shared and Common categories are displayed on The inputs Tab.
Note 3. The calculation for the assignment of accounts 2111 through 2123, accounts 5112 through 5123, and account 5553 to the Shared and Common categories as displayed on the inputs Tab.

May not add due to rounding to \$000.

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á	n			4	-								
		Source	Input Tab 2	Input Tab 2	F=D-E	Input Tab 2	9.4=H	Input Tab 2	-++-	Input Tab 2	Y. [:7.	N-T-N	Note 3
+			CLEC ADJ.					CLEC ADJ.		CLEC ADJ.			
	Acct	an I	Ohio Dec. 31, 2002	Fransition Benefit Obligation	Booked Costs Less	C C C C C C C C C C C C C C C C C C C	Current	Forward	Forward Looking	Cap Cost Factor Applies Only To	Shared & Common	TOTAL	SHARED &
+	No.	TDIS GENERAL SUPPORT	Doored Cost	1001	200	2000	-	The state of the s			-		
-	2111	LAND	\$17,710		\$17,710	1 0000	\$17,710		\$17,710			L	\$19
2	2112	MOTOR VEHICLES	\$77,053		\$77,053		\$79,780		\$79,780		ï	\$12,630	
2	2114	TOOLS AND OTHER WORK EQUIPMENT EXPENSE	\$63,891		\$63,891		\$72,861		\$72,861		П	Ш	
4	2121	BUILDINGS	\$618,964		\$618,964	22729	\$1,406,842		\$1,406,842	9.51%	\$133,859	51.	\$1,226
2	2122	FURNITURE	\$3,109		\$3,109		\$4,525		\$4,525				
100	2123	OFFICE EQUIPMENT *	\$6,780		\$6,780	1 0324	\$6,999		\$6,999	15.58%	\$1,091	\$1,059	
P- 0	2124	GENERAL PURPOSE COMPUTERS (Note 1)	\$73,004 \$860 508	9	\$73,004		\$19,835	05	\$1 608 552		-	-	\$3,445
0	2								1			L	
10		TPIS - CENTRAL OFFICE SWITCHING:											
=	2211	ANALOG ELECTRONIC SWITCHING	\$6,657				\$0	\$0	-				\$0
12	2212	DIGITAL ELECTRONIC SWITCHING	\$1,539,482	\$70	\$1,539,411	0.7245	\$1,115,303		\$1,115,303	10.92%	\$121,750	\$121,750	
m	2210	TOTAL CENTRAL OFFICE SWITCHING	\$1,546,138				\$1,115,303	20	-		\$121,750	_	80
4					0.00		05						-
5	2220	OPERATOR SYSTEMS	\$19,356		\$19,356	1,1601	\$22,454	24	\$77,434	13.12%	\$3,080	\$3,080	06
Ď.		TOIS CENTRAL OCCICE TRANSMISSION											
a	18 2231 1670	PADIO SYSTEMS NON CELLI AR MORILE	45		57	1 0245	\$7		\$7				
0	2231 K7C	RADIO SYSTEMS OTHER RADIO FACILITIES	\$6.482		\$6.482	1.0245	\$6.641		\$6.641				
-	2231		\$6,489	\$0			0\$		\$0	13.72%	0\$	\$0	\$0
21	2232	CIRCUIT EQUIPMENT	\$2,019,921	\$885			30		\$0				
	2232 157C	-	\$15,948						\$16,210				0\$
	2232.257C		\$922,831	\$236	\$922,395	0.9713	\$895,922	1	\$895,922	13.06%	\$117,046	1	20
7	2232 357C	DIGITAL CIRCUIT EQUIPMENT	81,010,358		1				\$300,343			ч.	200
	2230	-	\$2,026,410	\$865	\$2,025,545		\$1,971,775	05	5		\$275,713	\$275,713	05
12			Charles and the second										
28		TPIS - INFORMATION ORIGITERM.	****		54 503		44 207		E+ E03	2000			
818	2311	STATION APPARATUS	180,16		05		05		05		05	05	OS OS
2 5	2341	LARGE PRIVATE BRANCH EXCHANGES	\$0		0\$		0\$		0\$	24.84%			
32	2351	PUBLIC TELEPHONE TERMINAL EQUIPMENT	\$32,830		\$32,830				\$36,913				
33	2362	OTHER TERMINAL EQUIPMENT	\$11,264		\$11,264	0.9770	\$11,004		\$11,004	24.84%			
3	2310	TOTAL INFORMATION ORIGINATION/TERMINATION	\$45,690	20	X5,690		16,515	05			\$7,911	\$7,911	20
2 %		THIS CARLE & WIRE FACILITIES											
3	2411	POLES	\$136,560	577	\$136,483	2 9942	\$408,657	The state of the s	\$408,657	10.69%	\$43,675	\$43,675	\$0
38	2421	AERIAL CABLE	\$819.450				80						
	2421 822C		\$53,353		\$53,353	1 1034	\$58,870	Contract of the contract of th	\$58,870				\$0
40	2421 22C	_	\$766,097	2			\$1,309,723	一年 日本	\$1,309,723	11.51%	\$150,716	\$150,716	\$0
_	2422	=	\$709,176				05					1	
42	2422 85C	UNDERGROUND CABLE - NON-METALLIC	\$188,012	\$215		1 0800	\$202,821		\$202,821		\$20,456	\$20,456	\$0
43	2422 SC	-	\$521,163		\$520,788	1.8811	\$979,654		\$979,654	9.35%			20
	2423	BURIED CABLE PUBLISHED CABLE MONAMETALLIC	\$500,030		\$111.442	11034	\$122 965	100	\$122 965		\$13 708	\$13.708	03
2 15	2427 45C		\$848.856	\$693	\$848.163		\$1,142,561	Spirit Spirit	\$1,142,561	10.10%	-	_	\$0
-4	2000	÷	6410				00				l	ļ	

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Note 3		SHARED &	0\$	80	200	05	277.12		\$23	\$23	\$311	\$518	\$81,568		201	208	20	90	05	05	80	0.0	3 2	05	000	05	0\$	05	200
N-7-N		DIRECT	05	\$659		\$122,477	\$9,886			\$7,445	\$37,959		\$7,274		*	\$45,202	\$2	\$80	\$24		\$5.4		\$32,837		\$72.015		\$1,730		1.1
1.c.1		Shared & Common Costs	0\$	\$859	\$18,161	\$583,852	\$9,886		\$6,734	\$7,468	\$38,270	\$16.696	\$143,583		\$44,428	\$45,202	23	\$80	\$6,047	\$30,412	\$5,407	\$1,760	\$32,837	\$3.778	\$72.015	\$51.123	\$1,730	\$2.053	070,0212
Input Tab 2	CLEC ADJ.	Cap Cost Factor Applies Only To	%000	11.27%		8.42%	21.0%																						
J-H-1		Total Forward Looking Costs	\$1,811	\$7,623	\$161,170	\$5,849,635	\$10,664,349		\$6.734	\$7,468	\$38,270	\$15,696	\$143,583		\$44.428	\$45,202	\$2	093	\$24,285	\$30,412	\$5,407	\$1,750	\$32,837	\$3.778	\$72,015	\$51,123	\$1,730	\$2,053	\$150,070
Input Tab 2	CLEC ADJ.	Forward Looking Adjustmt				05	80		22				05			05	05		200	20			OS.						0
9.J.H		Current	\$1,811	\$7,623	\$161,170	\$5,849,635	\$10,664,349		\$6,734	\$7,468	\$38,270	\$16,696	\$143,583		\$44,428	\$45,202	\$2	\$80	\$6,047	\$30,412	\$5,407	\$1,760	\$32,837	\$3.778	\$72,015	\$51,123	\$1,730	\$2,053	\$150,070
Input Tab 2		CC/BC	4.4125	1 1034	1.7476	2 2479	1 0000																						
F=0-E		Booked Costs Less TBO	\$0	\$6.909	\$92,223	\$3,369,054	\$7,114			\$7,468	\$38,270		\$143,583		À	\$45,202	23	280	\$24		\$5.4		\$32,637		\$72,015		213		\$150,070
Input Tab 2		Transition Benefit Obligation (TBO)		8		\$2,700	\$3,732		88	05	0\$	0\$	80		\$1,648	\$1,648	05	03	\$773	\$1.041	8	05	\$1,100	S	\$3,375	\$2,096	88	8 8	\$62,298
Input Tab 2	CLEC ADJ.	Ohio Dec. 31, 2002 Booked Cost	\$00.00	\$99,132	\$92,223	\$546,729	\$7,114		\$6,734	\$7,468	\$38,270	\$16.696	\$143,583		\$46,076	\$46,850	\$25	280	\$6,315	\$31,453	\$5,407	\$1,760	\$33,937	\$3.778	875.390	\$53,219	\$1,730	\$2,053	\$156,368
Source		SMBLI	SUBMARINE CABLE - NON-METALLIC SUBMARINE CABLE - METALLIC	-		CONDUIT SYSTEMS TOTAL CABLE AND WIRE FACILITIES	INTANGIBLE ASSETS TOTAL TPIS (BEFORE AMORTIZABLE ASSETS)	PLANT SPECIFIC OPERATIONS: NEWTORK SUPPORT EXPENSES:	MOTOR VEHICLE EXPENSES TOOLS AND OTHER WORK EQUIPMENT EXPENSE	TOTAL NETWORK SUPPORT EXPENSES	GENERAL SUPPORT EXPENSES. LAND AND BUILDING EXPENSES	6122 FURNITURE AND ARTWORKS EXPENSES 6123 OFFICE EQUIPMENT EXPENSES	6124 Note GENERAL PURPOSE COMPUTERS EXPENSES (Note 1) 6120 TOTAL GENERAL SUPPORT EXPENSES	CENTRAL OFFICE SWITCHING EXPENSES:	ANALOG ELECTRONIC EXPENSES DIGITAL ELECTRONIC EXPENSES	TOTAL CENTRAL OFFICE SWITCHING EXPENSES	OPERATOR SYSTEMS EXPENSES	CENTRAL OFFICE TRANSMISSION EXPENSES: RADIO SYSTEMS EXPENSES	6222 257 CIRCUIT EQUIPMENT EXPENSES - 257 232 (non 25 CIRCUIT EQUIPMENT EXPENSES (non 257)	TOTAL CENTRAL OFFICE TRANSMISSION EXPENSES	INFORMATION ORIGITERM EXPENSES: STATION APPARATUS EXPENSES	LARGE PRIVATE BRANCH EXCHANGE EXPENSES PUBLIC TELEPHONE TERMINAL EQUIPMENT EXPENSES	OTHER TERMINAL EQUIPMENT EXPENSES TOTAL INFORMATION ORIGITERM EXPENSES	CABLE AND WIRE FACILITIES EXPENSES:	AERIAL CABLE EXPENSES	BURIED CABLE EXPENSES SI BMARNE CABLE EXPENSES	DEEP SEA CABLE EXPENSES INTRABUILDING NETWORK CABLE EXPENSES	AERIAL WIRE EXPENSES CONDUIT SYSTEMS EXPENSES	TOTAL CABLE AND WIRE FACILITIES EXPENSES
0		Acct.	2424 BGC 2424 BC	2426 2426 462C	24	2410	2690			Ш	6121				6212		6220	15.63	6232 257 232 (non 25	6230			6362	11	6421				0.20
		Line	48	35.2	53	X X	28 52 28	59 59	63	20 25	61 68	88	70	72	75	77	79	2 00 00	22	88 85	88	88	92	3 3 8	8 2	38 8	180	102	2 2

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		Source	Input Tab 2	Input Tab 2	F=0-E	Input Tab 2	B.4.H	Input Tab 2	1+H=1	Input Tab 2	Y.f.	N-7-N	Note 3
			CLEC ADJ.					CLEC ADJ.		CLEC ADJ. NO. 2			
Line No.	Acct.	ITEMS	Ohio Dec. 31, 2002 Booked Cost	Transition Benefit Obligation (TBO)	Booked Costs Less TBO	28/22	Cost	Forward Looking Adjustmt	Total Forward Looking Costs	Cap Cost Factor Applies Only To Investment	Shared & Common Coets	TOTAL DIRECT COSTS	TOTAL SHARED & COMMON COSTS
108			O\$	\$0			05		0\$		0\$		80
111	6512	PROVISIONING EXPENSES OTHER PROPERTY, PLANT AND EQUIPMENT EXPENSE	\$5.129	05	\$5,129		\$5,129	05	\$5,129		\$5,129	\$5,129	\$00
113	\perp	T	\$12,793	0\$			\$12,793		\$12,793		\$12,793	\$12,793	0\$
115		NETWORK ADMINISTRATION EXPENSES TESTING EXPENSES	\$47,852	\$2,048			\$45,804		\$45,804		\$45,804		0.5
116	6535	П	\$33,985	K12	\$30,513		\$33,513		\$33,513		\$33,513	\$33,513	05
119	6530	TOTAL NETWORK OPERATIONS EXPENSES	\$156,082	\$2,880	\$153,202		\$153,202	0\$	\$153,202	80	\$153,202	\$153,202	\$0
121	6540	ACCESS EXPENSES	\$70,842	05	\$70,842		\$70,842		\$70,842		\$70,842	\$70,842	\$0
122								Ш					
124	6562		\$508,608		\$508,608		\$508,608	\$508,608	22				
126	11	AMORTIZATION EXPENSE - TANGIBLE	\$465		\$465		\$465	Ш			\$465	\$442	\$23
128		1	\$1,573		\$1,573		\$1,573		\$00		2053	2000	603
130	0990	TOTAL DEPRECIATION AND AMORTIZATION EXPENSES	\$350,433		\$250 P2C6		\$3,40,433	1704			200		676
131	690	TOTAL PLANT NONSPECIFIC OPERATIONS EXPENSES	\$760,492	\$2,880	\$757,612		\$757,612	-\$527,974	\$229,638		\$229,638	\$229,615	\$23
133				İ									
25.	6611	PRODUCT MANAGEMENT	\$67,125	\$31			\$67,094		\$67.094		\$67.094	200	\$67.094
136			\$6,112	0\$	\$6,112		\$6,112		П		\$6,112		\$6,112
138	9610		\$119,748	133			\$119,717	24			11/6118		\$119,117
139		SERVICES EXPENSES:	\$5.047	6913	\$4 890		54 899		54 899		\$4 899	\$4 800	\$0
141	6622	Т	\$19,741				\$19,365	1	\$19,365		\$19,365		80
143	6623		\$183,505	\$2,409	\$205,879		\$205,879	\$20	\$205,879		\$205,879	\$205,879	200
145	700	TOTAL CUSTOMER OPERATIONS EXPENSES	\$328,036	\$2,440	\$325,596		\$325,596	\$0	\$325,596		\$325,596	\$205,879	\$119,717
145		EXECUTIVE AND PLANNING EXPENSES:											
148	6711	EXECUTIVE	871.2	33	\$4.178		\$4,178		\$4,178		\$4.178	05	\$4,178
150		\mathbf{I}	K,183	05			\$4,183	S			\$4,183		\$4,183
152		\Box	THE PART OF THE PA		000000		00000		00000		01010	•	000000
25			\$12.526				\$12,514		\$12.514		\$12,514		\$12.514
155	6723	П	\$38,114		\$38,112		\$38,112				\$38,112		\$38,112
2 5	1	INFORMATION MANAGEMENT	\$7.959				\$7,959				\$7,959		\$7,959
158	6726	П	\$2,239				\$2,239		\$2,239		\$2,239		\$2,239
159		RESEARCH AND DEVELOPMENT OTHER GENERAL AND ADMINISTRATIVE ****	(38,854)	201	-\$6,891		\$6,891	0\$	\$6,891		\$6,891	05	\$6,891
161	6720		\$110,653	57.1			\$110,582		_		\$110,582		\$110,582
163	6790	PROVISION FOR UNCOLLECTIBLE NOTES RECEIVABLE	0\$	0\$	0\$		8	80	\$0		0\$	80	\$0

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-		Source:	s: Input Tab 2	Input Tab 2	F=D-E	Input Tab 2	H=F.G	Input Tab 2	1+H=C	Input Tab 2	X.f7	N-1-N	Note 3
			CLEC ADJ.					CLEC ADJ.		CLEC ADJ.			
No.	Acct.	SWELL	Ohio Dec. 31, 2002 Booked Cost	Transition Benefit Obligation (TBO)	Booked Costs Less TBO	CC/BC	Current	Forward Looking Adjustmk	Forward Looking Costs	Cap Cost Factor Applies Only To	Shared & Common Costs	TOTAL DIRECT COSTS	SHARED & COMMON COSTS
2		The state of the s						9					
165	710	TOTAL CORPORATE OPERATIONS EXPENSES	\$114,836	\$71	\$114,764		\$114,764	05	\$114,764		\$114,754	\$0	\$114,764
166													
167	720	TOTAL OPERATING EXPENSES	\$1,623,025	\$15,479	\$1,607,546		\$1,607,546	\$527,974	\$1,079,572		\$1,079,572	\$763,477	\$316,095
168													
169		TOTAL OPERATING EXPENSES EXCL. DEPR. & AMORT	\$1,094,586	\$15,479	\$1,079,107		\$1,079,107	20	\$1,079,107		\$1,079,107	\$763,035	\$316,072
170		Ad Valorem Tax - (Note 2)									\$144,376	\$143,785	\$50
171		Transition Benefit Obligation (TBO)									\$0	0\$	\$
172 5	5301/5302	172 5301/5302 Uncollectible Expense (Accounts 5301 & 5302)									\$61,015		\$61,015
173												100	М
174		Total Cost								Total Cost	Total Cost \$2,244 729 \$2,067,648	\$2 067 648	\$382 472

Note 1. The calculations for the assignment of accounts 2124 and 6124 to Direct and Shampland Common categories and any adjustment to 6724, are displayed on the inputs Tab. Note 2. The calculations for the A Valories Tax and the assignment to Direct and Shampland and Common categories and displayed on The inputs Tab.

Note 3. The calculations for the A Valories Tax and the assignment to Direct and Shampland and Common categories is displayed on the Inputs Tab.

May not add due to munding to \$000

Column C	j	n	3	0			9	-						
No.			Sour		Input Tab 2	F=0-E	Input Tab 2	9.4=H	Input Tab 2	- H	Input Tab 2	¥	Z	Note 3
No. Control				CLEC ADJ.					CLEC ADJ.		CLEC ADJ.			CLEC ADJ.
This control by the		Acct	TEUR	Ohio Dec. 31, 2002 Rooked Cost	Transition Benefit Obligation	Booked Costs Less	CC/BC	Current	Forward Looking Adjustmi	Forward Looking Costs	Cap Cost Factor Applies Only To	Shared & Common Costs	TOTAL DIRECT COSTS	SHARED & COMMON COSTS
111 WOOTN WINDOWN COLOR WORK	4	TION I		100000000000000000000000000000000000000	6001	2			-					
11 MOCK SAN OFFICE GENERAL STATES 1975	-	2111	CAND	\$17,710		\$17,710	1 0000	\$17,710		\$17,710	10.40%	\$1,842		\$19
11 1005 AM OF CHENNEY CONFIDENCE 15 15 15 15 15 15 15 1	17	2112	MOTOR VEHICLES	\$77,053		\$77,053		\$79,780		\$79,780	15.88%	\$12,667		\$37
11.1 PALACIAN CANADA CANAD	9	2114	TOOLS AND OTHER WORK EQUIPMENT EXPENSE	\$63,891		\$63,891				\$72,861		\$9,440		\$0
This Continue Co	4	2121	BUILDINGS	\$618,964		\$618,964				\$1,406,842			\$132,633	\$1,226
This control to the	S	2122	FURNITURE	\$3,109						74,525			1	\$11
This control by Cont	0	2123	OFFICE EQUIPMENT	\$6,780				\$6,996		\$6,999				\$32
This Cantol, Correct Entrolland	- 00	2124	GENERAL PURPOSE COMPUTERS (Note 1) TOTAL LAND & SUPPORT ASSETS	\$73,004			0.2717	\$1,608,552		\$1,608,552			\$15	177.12
2211 MALAGELECTHONIC SMITCHING 15,504 kB 15,504 kB 15,504 kB 15,105 kB 11,105 kB 11,10	00		TPIS - CENTRAL OFFICE SWITCHING:											
2371 OFGERATOR SYSTEMS \$15.56 at 11 \$17.56 at 11 \$17.15 300		3311	ANALOG ELECTRONIC SWITCHING	\$6.657		\$6.657		20				0\$	\$0	\$0
The Central Office Name of String	12	3213	DIGITAL ELECTRONIC SWITCHING	\$1 539 482		51.5	0 7245	\$1.115.303		\$1.115.3	10.92%		\$121	80
This central control	13	2210	TOTAL CENTRAL OFFICE SWITCHING	\$1,546,138				\$1,115,303					\$121	\$0
This Control Contr	14							80						
This - CENTRAL OFFICE PANSABASION:	15	2220	OPERATOR SYSTEMS	\$19,356		\$19,356	1,1601	\$22.454			13.72%	\$3,080		\$0
State Control Formation Control Formatio	9		TOTAL OCCUPANT TO A SOUTH TO A SO											
23.1 GFO PALIDIO SYSTEMS COTTREA MAIL CALL THE STATES AND STATES AND SYSTEMS COTTREA MAIL CALL THE SAME CALL	- 0	2231 1670	C DADIO SYSTEMS AND CELLIAR MORILE	15		57	1 0245	52		57				
23.22 TOTALO FOURTHEE 50	0	2231 R7C	RADIO SYSTEMS, OTHER RADIO FACILITIES	\$6.482		\$6.482	1 0245	\$6.641		\$6.641				
2222 TGTO LOGITAL CHOLINEANT \$15.948 \$1	20	2231	RADIO SYSTEMS	\$6,489				\$0		\$0		\$0	20	\$0
222.2 STG COLOR DIGHTAL CRICULTE CUIPMENT \$15.5 94 \$4.5 8 \$4.5 8 \$15.2 10 \$16.2 10	21	2232	CIRCUIT EQUIPMENT	\$2,019,921				\$0		0\$				
2323 STC DIGITAL CRICUIT EQUIPMENT \$ 942 ST \$ 442 ST \$ 100 9 90 \$ 10 179 \$ 572 ST \$ 10 00 9 90 \$ 10 179 \$ 572 ST \$ 10 00 9 90	22	2232 1570	C DIGITAL CIRCUIT EQUIPMENT	\$15,948						\$16,210	19.04%			20
23.11 TIPLE INFORMATION DEGLIFIER \$1.597	53	2232.257		\$977,03		1				CORD DAK	13.06%	1	1	000
THIS - INFORMATION ORIGITERM. \$1.987 \$1.98	25	22.25.00		\$70.783						\$72.051				90
TPIS - INFORMATION ORIGINERNA \$15.997 \$1	26	2230	+ +	\$2,026,410		Ш		\$1,971,775		_			\$275,713	0\$
2311 STATION APPRAINDS \$1.597 <t< td=""><td>27</td><td></td><td>The ALCOCHATION OBIGINEDIA</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	27		The ALCOCHATION OBIGINEDIA											
2321 CUSTOMER PREMISES WIRING \$0 <th< td=""><td>200</td><td>2211</td><td>STATION APPARATION</td><td>\$1.597</td><td></td><td>\$1 597</td><td></td><td>\$1.597</td><td></td><td>\$1.597</td><td>2,000</td><td>0\$</td><td>S</td><td>05</td></th<>	200	2211	STATION APPARATION	\$1.597		\$1 597		\$1.597		\$1.597	2,000	0\$	S	05
2341 LARGE PRIANTE ENANCHE TERANINAL EQUIPMENT \$10.044	30	2321	CUSTOMER PREMISES WIRING	25		05		80		80			20	\$0
23.51 PUBLIC GELEPHOLIC FERMINAL EQUIPMENT \$13.890 \$11.264 \$10.913 \$15.693 \$1.004 <t< td=""><td>31</td><td>2341</td><td>LARGE PRIVATE BRANCH EXCHANGES</td><td>0\$</td><td></td><td>0\$</td><td></td><td></td><td></td><td>\$0</td><td>24.84%</td><td></td><td></td><td>\$0</td></t<>	31	2341	LARGE PRIVATE BRANCH EXCHANGES	0\$		0\$				\$0	24.84%			\$0
2362 OTHER TEMBINAL EVUINABILITY STITEM	32	2351	PUBLIC TELEPHONE TERMINAL EQUIPMENT	\$32,830		\$32,830				\$36,913				20
TOTAL DATE OF PRESENCE TOTAL DATE OF PRESE	33	2362	TOTAL MICOBIATION ODICINATION/TEDAMATION	311.254		1		\$11,004		\$11,00g		11013		200
TPIS_CABLE & WRE FACILITIES: \$136.483	35	2010	TOTAL INTO CHARGO CHARGO CONTROL CONTR	200										
2421 AFRIAL CABLE 5136,800 \$77 \$136,430 \$77 \$136,430 \$77 \$136,430 \$77 \$136,430 \$78,353 \$1034 \$26,870 \$150,716	36		TPIS - CABLE & WIRE FACILITIES:											
2421 AERIAL CABLE. S50 550 550 550 550 5714 56774 567	37	2411	POLES	\$136,560		\$136,483	2 9942	\$408,657		\$408,657	10.69%	\$43,675	\$43,675	\$0
2427 20C AFRIAL CABLE: METALLIC \$53,353 1 1034 \$53,353 1 1034 \$53,353 1 1034 \$53,353 1 1034 \$53,353 1 1034 \$53,353 1 1034 \$1,306,723 \$1,306,723 \$1,306,723 \$1,507,76 \$17,76 \$1,306,723 \$1,507,76 \$17,76 \$1,306,723 \$1,507,76 \$17,76 \$1,506,723 <t< td=""><td>38</td><td>2421</td><td></td><td>\$819,450</td><td></td><td></td><td></td><td>25</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	38	2421		\$819,450				25						
2427 Z. UNDERGROUND CABLE - NON-METALLIC 5709,176 5180,707 51742 SEC. UNDERGROUND CABLE - NON-METALLIC 5709,176 5180,707 51742 SEC. UNDERGROUND CABLE - NON-METALLIC 5709,176 5111,442 512,365 BURIED CABLE - NON-METALLIC 570,708 5111,442 512,365 51142,561 51142,541 51142,561 51142,561 51142,561 51142,561 51142,561 51142,561 51	39			\$50,350		\$53,353	11034	\$58,870		\$58,870		\$6,774	\$6,774	05
24.22 8C. UNDERGROUND CABLE - MOMERALIC \$10.97 \$1.080 \$20.2821 \$20.456	9		-	180,097	-		11/100	31,303,12		\$1,308,123	K10.11	\$100,100	\$130,710	90
442.20.0. UNDERGRADURO CABLE. PROFINE 520.788 5.80 1.80 1.80 5.80 5.80 5.80 1.80 5.80 <td>4</td> <td></td> <td>=+</td> <td>\$709,176 6+88,043</td> <td></td> <td></td> <td>CORO +</td> <td></td> <td>-</td> <td>£303.834</td> <td>76004</td> <td></td> <td></td> <td>02</td>	4		=+	\$709,176 6+88,043			CORO +		-	£303.834	76004			02
2423 BURIED CABLE. SAND BURIED CABLE. \$10.296 \$10.296 \$10.296 \$10.708 \$10.708 \$10.708 2423 84SC BURIED CABLE. BURIED CABLE. NON-METALLIC \$10.708 \$10.708 \$10.708 \$10.708 \$10.708 2423 84SC BURIED CABLE. BURIED CABLE. NON-METALLIC \$10.708 \$11.5,417 \$11.5,417 \$11.5,417	43		+	\$521 163			1 8811		10000	\$979.654	935%			80
2423.845C BURIED CABLE - NON-METALLIC \$113,706 \$13,706	4		1	\$960,298				\$0						
2423.45C BIPRED CABLE - METALLIC S44,856 5993 5848,163 13471 \$1,142,561 10,10% \$115,417 \$115,417	45	2423.845(\$111,442			1.1034	\$122,965	1	\$122,965	11.15%		11	\$0
Committee and an annual commit	46	2423 45C		\$848,856			13471	\$1,142,561		\$1,142,561	10.10%	\$115,417	- 1	

N Note 3	CLEC ADJ.	TOTAL SHARED & CT COMMON TS COSTS	05	659		477 \$0 852 \$0	\$9,886 60,386 \$4,771		\$734 \$0 \$7,445 \$23	959		\$7,274 \$40,728 \$62,015 \$81,568		\$44,428 \$0		\$2 \$0	\$80	\$24,285 \$0			\$1,760 \$0				\$51,123 \$51,123 \$61,123	05 05		80
N. Tan X.		d & TOTAL mon DIRECT ts COSTS	03		\$18,161 \$18.	\$583,852 \$583,852	\$9,886 \$9,886		\$7.468 \$7		\$16 696 \$16			544.28 544	\$45,202 \$45	\$2	\$80			\$5,407 \$5			11	Н		05.05		\$2,053 \$150,070 \$150,070 \$150,070
Input Tab 2 Le.J. K	-	Applies Shared & Only To Common Investment Costs	%00.0	11.27%	11.27% \$1	8.42% \$12	21.0% \$1.16					25.00		3	3			25	2	-		22		25	25 25		_	\$15
Je Hel Input		Forward Ap Looking On Costs Inves	\$1811	\$7,623	\$161,170	\$1,453,781	\$10,664,349	1	\$734	\$38.270	\$16.696	\$143,583	\$772	\$44,428	\$45,202	23	250	\$5,047	\$30,412	\$5,407	\$1,760	\$25,670	63 776	\$72,015	\$51,123	03.03	\$1,730	\$2,053
Input Tab 2	CLEC ADJ.	Forward Looking Adjustmi				05	\$ 05		0000			0\$	Ì		0\$	95			0\$			0\$						05
H.F.G		Current	\$1.811	\$7,623	\$161,170	\$1,453,781	\$10,684,349	734.54	\$7,468	\$38.270	\$16.895	\$88,002	5112	\$44,428	\$45,202	23	\$80	\$24,285	\$30,412	\$5,407	\$1,760	\$32,670	61 778	\$72,015	\$19,371	05	\$1,730	\$2,053
Input Tab 2		CC/BC	44125			2 2479	1 0000																					
F=0-E		Booked Costs Less TBO	\$0		\$92,223	\$546,729	2 \$7,913,334		\$734	\$38.270		\$0 \$143,583		244.4	8 \$45,202	25		55,047		\$5,4				572,015			05,730	\$2,053
Input Tab 2		Benefit Obligation (TBO)	Ш	03	60	\$2,700	\$0.732		3 3 3					51,648	\$1,6				3 \$1,041			2 2			\$2.0			\$6.2
Input Tab 2	CLEC ADJ.	Ohlo Dec. 31, 2002 Booked Cost	\$00	\$99,132	\$92.22	\$3,371,754	\$7,114		\$7.34 \$7.468	£38 270	\$615	\$143,583	100	\$46,076	\$46,850	25	\$8	\$6,315	\$31,45	\$5,407	\$1,760	\$26,770	100	\$75,39	\$50,198	3	\$1,730	\$2,053
Source		S MALE	SUBMARINE CABLE - NON-WETALLIC SI IRMARINE CARLE - METALLIC		AFBILLIONG NETWORK CABLE - METALLIC	CONDUIT SYSTEMS TOTAL CABLE AND WIRE FACILITIES	INTANGBLE ASSETS TOTAL TPIS BEFORE AMORTIZABLE ASSETS)	PLANT SPECIFIC OPERATIONS: NEWTORK SUPPORT EXPENSES:	MOTOR VEHICLE EXPENSES TOOLS AND OTHER WORK EQUIPMENT EXPENSE TOTAL NETWORK SUPPORT EXPENSES	GENERAL SUPPORT EXPENSES.	6121 LOWER AND BOLLOWS EXPENSES 6123 OFFICE FOR EACH PROPERSES	OFFICE EXPENSES (Note 1) TOTAL GENERAL SUPPORT EXPENSES TOTAL GENERAL SUPPORT EXPENSES	CENTRAL OFFICE SWITCHING EXPENSES:	DIGITAL ELECTRONIC EXPENSES	TOTAL CENTRAL OFFICE SWITCHING EXPENSES	OPERATOR SYSTEMS EXPENSES	CENTRAL OFFICE TRANSMISSION EXPENSES: RADIO SYSTEMS EXPENSES	110	TOTAL CENTRAL OFFICE TRANSMISSION EXPENSES	INFORMATION ORIGITERM EXPENSES: STATION APPARATUS EXPENSES	LARGE PRIVATE BRANCH EXCHANGE EXPENSES PUBLIC TELEPHONE TERMINAL EQUIPMENT EXPENSES	OTHER TERMINAL EQUIPMENT EXPENSES TOTAL INFORMATION ORIGITERM EXPENSES	CABLE AND WIRE FACILITIES EXPENSES:	AERIAL CABLE EXPENSES	UNDERGROUND CABLE EXPENSES BURIED CABLE EXPENSES	SUBMARINE CABLE EXPENSES DEEP SEA CABLE EXPENSES	INTRABUILDING NETWORK CABLE EXPENSES AERIAL WIRE EXPENSES	CONDUIT SYSTEMS EXPENSES TOTAL CABLE AND WIRE FACULTIES EXPENSES
		Acct.	24	100	2426 4420	2441	2690 240		6114	Ш	6122	0 6124(Note		П	6210	6220		62		6311						1	2 6426	
4		Line	48	50	52	3 28	8 5 8	59 60 61	63 64	66	89	71	73	75	77	2000	0 00 00	83	00 00	88	90	92	94	96	98	1000	101	103

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ĺ		Source	Input Tab 2	Input Tab 2	F=0-E	Input Tab 2	9.4.4	Imput Tab 2		Input Tab 2	¥	N - 7 - N	Note 3
			CLEC ADJ.					CLEC ADJ.		CLEC ADJ.			CLEC ADJ.
Line	Acct.	ITEMS	Ohlo Dec. 31, 2002 Booked Cost	Transition Benefit Obligation (TBO)	Booked Costs Less TBO	CC/BC	Current	Forward Looking Adjustme	Total Forward Looking Costs	Cap Cost Factor Applies Only To Investment	Shared & Common Costs	TOTAL DIRECT COSTS	TOTAL SHARED & COMMON COSTS
108 108 109			\$5,129	8			\$5,129	05	\$5,129		\$5,128		888
111	1	OTHER PROPERTY, PLANT AND EQUIPMENT EXPENSES	\$5,129				\$5,129		\$5,129		20,129		
113	6531	POWER EXPENSES NETWORK ADMINISTRATION EXPENSES	\$12,793	05	\$12,793		\$12,793		\$9,622		\$12,793	\$12,793	05
115			\$51,852				\$45,804		\$45,804		\$45,804		
118	6535	ENGINEERING EXPENSES	\$33,985	\$172	\$33,513		\$33,513		\$33,513		\$33,513	\$33,513	80
119	9 6530	TOTAL NETWORK OPERATIONS EXPENSES	\$156,082	\$2,880	\$153,202		\$153,202	0\$	\$153,202	80	\$153,202	\$153,202	05
121	6540	ACCESS EXPENSES	\$70,842	05	\$70,842		\$70,842		\$70,842		\$70,842	\$70,842	05
122			\$508,608		809 805\$		\$508,608	\$508.608	05				
126	6564		\$17,793		\$17,793		\$17,793	\$17,718	3		\$465	\$442	\$23
128		AMORTIZATION EXPENSE: OTHER TOTAL DEPRECIATION AND AMORTIZATION EXPENSES	\$528,439		\$528,439		\$528,439	7			\$465	\$442	\$23
130	969	TOTAL PLANT NONSPECIFIC OPERATIONS EXPENSES	\$760,492	\$2,880	\$757,612		\$757,612	-\$527,974	\$229,638		\$229,638	\$229,615	\$23
134	1198	MARKETING EXPENSES: PRODUCT MANAGEMENT	\$46,511	0\$			\$46,511		\$46,511		\$46.511		\$46,511
135		П	\$67,125	163			\$67,094		\$67,094		\$67,094	03	\$67,094
137	6610	TOTAL MARKETING EXPENSES	\$119,748		\$119,717		\$119,717	0\$	\$119,717		\$119,717		\$119,717
139			\$5,042	\$143			568.2		\$4,899		54,899		
141	ш	NUMBER SERVICES	\$19,741	-	\$19,365		\$19,365		\$19,365		\$19,365	\$19,365	26 26
143	9 6620	П	\$208,288	\$2,409	Ш		\$205,879	05	\$205,879		\$205,879		
145	200	TOTAL CUSTOMER OPERATIONS EXPENSES	\$328,036	\$2,440	\$325,596		\$325,596	0\$	\$325,596		\$325,596	\$205,879	\$119,717
147	11		64 178	5	21.78		87.12		84.178		81178		£1 282
149	6712	PLANNING PLANNING TOTAL EXECUTIVE AND PLANNING EXPENSES	\$5	333			\$5	\$0	\$4,183		K,183	1883	\$3,286
152			694 046		040404		CO4 DAD		C24 040		OPO PGS	\$5 157	100 000
154			\$12,526				\$12.514		\$12,514		\$12,514		
155		HUMAN RESOURCES	\$38,114				\$38,112	05	\$38,112		\$38,112	\$8,175	
157	Ш	П	\$7,959		П		\$7,959		\$7,959		\$7,959		
158			\$2,239	28	\$2,523		\$2,23		\$2,523		\$2,523		
161	0 6728	OTHER GENERAL AND ADMINISTRATIVE **** TOTAL GENERAL AND ADMINISTRATIVE EXPENSES	\$110,653	\$71			\$110,582	05	\$110,582		\$110,582	\$23,720	\$86,862
163	3 6790	PROVISION FOR UNCOLLECTIBLE NOTES RECEIVABLE	05	05	05		80	05	0\$		0\$	05	05

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		Source	Input Tab 2	Input Tab 2	F=0-E	Input Tab 2	H.F.G	Input Tab 2	1.H.	Input Tab 2	7.F-7	N-T-N	Note 3
			CLEC ADJ.					CLEC ADJ.		CLEC ADJ.			CLEC ADJ.
No.	Acct.	ITEMS	Ohio Dec. 31, 2002 Booked Cost	Transition Benefit Obligation (TBO)	Booked Costs Less TBO	CC/BC	Current	Forward Looking Adjustmt	Total Forward Looking Costs	Cap Cost Factor Applies Only To	Direct and Shared & Common Costs	TOTAL DIRECT COSTS	SHARED & COMMON COSTS
164					100000							10000	
165	710	TOTAL CORPORATE OPERATIONS EXPENSES	\$114,836	\$71	\$114,764		\$114,764	05	\$114,764		\$114,764	\$24,617	\$90,148
166			CONTRACTOR OF THE PARTY OF THE									Ш	
167	720	TOTAL OPERATING EXPENSES	\$1,623,025	\$15,479	\$1,607,546		\$1,607,546	-\$527,974	\$1,079,572		\$1,079,572	\$788,094	\$291,478
168			The second second										
169		TOTAL OPERATING EXPENSES EXCL. DEPR. & AMORT.	\$1,094,586	\$15,479	\$1,079,107		\$1,079,107	0\$	\$1,079,107		\$1,079,107	\$787,652	\$291,455
170		Ad Valorem Tax - (Note 2)									\$144,375	\$143,785	\$59
171		Transition Benefit Obligation (TBO)									0\$		5
172	5301/530	172 5301/5302 Unoxilectible Expense (Accounts 5301 & 5302)									\$61,015	\$0	\$61,015
173													
174		Total Cost								Total Cost		\$2,244,729 \$2,092,785	\$357,855

Note 1. The calculations for the assignment of accounts 2124 and 5124 to Direct and Shared and Common categories and any adjustment to 5724 are displayed on the inputs Tab.
Note 2. The calculations for the Ad Valorier Tas and the assignment to Direct and Shared and Common categories are displayed on The inputs Tab.
Note 3. The calculation for the assignment of accounts 2111 through 2123, accounts 5112 through 6123, and account 5563 to the Shared and Common categories is displayed on the tiputs Tab.

May not add due to rounding to \$000.

Shared & Common Cost Study
Ohio
2004-2007
Calculations (\$000)

1	0	,	1										
		Source:	Input Tab 2	Input Tab 2	F=D-E	Input Tab 2	H=F*G	Input Tab 2	7.H.	Input Tab 2	¥.f=7	N-7-N	Note 3
			CLEC ADJ.					CLEC ADJ.		CLEC ADJ.			CLEC ADJ.
*	Acct	enzi	Ohio Dec. 31, 2002	Transition Benefit Obligation	Booked Costs Less	78.20	Current	Forward	Forward Looking	Cap Cost Factor Applies Only To	Direct and Shared & Common	TOTAL	SHARED &
2	No	TPIS - GENERAL SUPPORT:	Booked Cost	(081)	000	CCABC	1807	Adjustmi	Costs	Investment	Costs	COSIS	COSTS
-	2111	LAND	\$17,710		\$17,710	1 0000	\$17,710		\$17,710	10.40%	\$1,842		\$19
2	2112	MOTOR VEHICLES	\$77,053		\$77,053	1.0354	\$79,780		\$79,780		\$12,667		\$37
m	2114	TOOLS AND OTHER WORK EQUIPMENT EXPENSE	\$63,891		\$63,891	1.1404	\$72,861		\$72,861			\$9,440	\$0
4	2121	BUILDINGS	\$618,964		\$618,964	2 2729	\$1,406,842		\$1,406,842				\$1,227
5	2122	FURNITURE	\$3,109		\$3,109	1 4556	\$4,525	7	\$4,525				\$11
φ	2123	OFFICE EQUIPMENT	\$6,780	05	\$6,780	1.0324	666 95		\$6,999		9	~	\$32
- 60	2110	GENERAL PURPOSE COMPUTERS (Note 1) TOTAL LAND & SUPPORT ASSETS	\$860,508		\$860,508	0.2717	\$1,608,552	0\$	\$1,608,552	18.37%	\$162,964	\$158 193	27.7.2
on												Ш	
0		TPIS - CENTRAL OFFICE SWITCHING:											
=	2211	ANALOG ELECTRONIC SWITCHING	\$6,657		\$6,657		\$0	80	\$0				
21	2212	DIGITAL ELECTRONIC SWITCHING	\$1,539,482	\$70	\$1,539,411	0.7245	\$1,115,303	000	\$1,115,303	10.92%	\$121,750	\$121,750	200
2	0177	TOTAL CENTRAL OFFICE SWITCHING	21,346,136		31,340,008		\$1,115,303	200	\$1,115,303		\$121,750	- 4	20
	0000	COCDATOD EVETEUE	320 350		£+0.35E	1001	632 464	-	630.464	41 750	62 Ago		60
0 4	7777	OPERATOR STSTEMS	900,814		912,330	1,001	BC4,234		20,774	13.167		93,080	26
17		THIS . CENTRAL OFFICE TRANSMISSION											
18	2231 167C		25		\$7	1 0245	\$7		\$7				
	2231.67C	RADIO SYSTEMS-OTHER RADIO FACILITIES	\$6,482		\$6,482	1 0245	\$6,641		\$6,641				
20	2231	RADIO SYSTEMS	\$6,489				\$0		\$0	13.72%	\$0	03	\$0
	2232		\$2,019,921	\$865			\$0		\$0		0.000	1000	
	2232 157C	DIGITAL CIRCUIT EQUIPMENT	\$15,948		\$15,948	1 0164	\$16,210		\$16,210			4	\$0
3	232 23/10		8977,631	6430	\$377,330	0.03713	226,0604	-	275,0604	13.06%	211/046	4	200
26	22.00 57C	ANALOG CIRCUIT FOLIPMENT	\$70.783	076	\$70.783	1 0179	\$72.051		\$72.051			ИΠ	90
	2230	+	\$2,026,410	\$865	\$2,025,545		\$1,971,775	0\$	\$1,971,775		\$275,713	\$275,713	05
27													
28		TPIS - INFORMATION ORIGITERM:							-				
67.0	1167	STATION APPARATUS	18214		186,14		185,16		18618	0.00%	0.5	0,0	\$0
2 :	Т	LARGE PRIVATE RRANCH EXCHANGES	9		9		9		03	24 84%			000
32	Г	PUBLIC TELEPHONE TERMINAL EQUIPMENT	\$32.830		\$32,830	1.1244	\$36.913		\$36.913	14.03%	1 55	\$5 178	95
33	Г	OTHER TERMINAL EQUIPMENT	\$11.284		\$11.264	0 9770	\$11,004		\$11,004				S
34	2310	TOTAL INFORMATION ORIGINATION/TERMINATION	\$45,690	\$0	\$45,690		\$49,515	80	\$49,515		\$7,911		0\$
32													
36		TPIS - CABLE & WIRE FACILITIES:											
37	2411	POLES	\$136,560	\$77	\$136,483	2 9942	\$408,657	7	\$408,657	10.69%	\$43,675	\$43,675	\$0
	7447		2819,430		620 020	1001	040 020		080 044				-
9	3424 225	AERIAL CABLE - MON-ME I ALLIC	£766 007	61 240	\$35,335 \$764.757	1 7136	836,870		\$58.870 \$1.300.733	W15.11	26,174	\$5.774	200
	24.22	INDERCROMING CARLE	£709 178				03		2000			1	06
-	3472 RSC	UNDERGROWIND CARLE, NOW.METALLIC	C188 012		\$187 707	1 0800	10 COC3		£303 834	10000	626.003		
	2422 SC	UNDERGROUND CABLE - METALLIC	\$521.163	\$375	\$520.788	1 8811	\$979.654	100 March 100 Ma	\$979.654		\$91,609	\$91 609	3
	2423	(LL)	\$960,298				9						
45	2423 845C	-	\$111,442		\$111,442	1 1034	\$122,965	SPORTS MINES	\$122,965	11.15%	\$13,708	\$13,708	\$0
46	46 2423 45C	BURIED CABLE - METALLIC	\$848,856	9\$	\$848,163	1 3471	\$1,142,561	DESCRIPTION OF PERSONS IN	\$1,142,561	10.10%		ш	60
ŀ											The state of the s	Н	-

Shared & Common Cost Study Ohio 2004-2007 Calculations (\$000)

Comparison Com		Source	Input Tab 2	Input Tab 2	F=0-E	Input Tab 2	9.4.H	Input Tab 2		Input Tab 2	Y. [-1.K	N=F-N	Note 3
Chart Court Cour			NO. 3 & S					CLEC ADJ.		CLEC ADJ.			
March Marc	ILEMS		Ohio Dec. 31, 2002 Booked Cost	Fransition Benefit Obligation (TBO)	Booked Costs Less TBO	CC/BC	Cost	Forward Looking Adjustmt	Forward Looking Costs	Cap Cost Factor Applies Only To Investment	Shared & Common Costs	TOTAL	
\$6.00.12 \$6.00.00 \$1.00.004	SUBMARINE CABLE - NON-METALLIC SUBMARINE CABLE - METALLIC		8 012		\$410	44125	\$1811		\$1811	%000	0\$	05	
Section Sect	INTRABUILDING NETWORK CABLE INTRABILII DING NETWORK CARLE IN	ON METALLIC.	\$99,132	0\$	\$6 909	1 1034	\$0		C 621	744 93	0303	6950	1
\$6.06.750 \$6.07.750 \$6.07.750 <t< td=""><td>INTRABUILDING NETWORK CABLE - N</td><td>ETALLIC</td><td>\$92,223</td><td></td><td>\$92,223</td><td>1 7476</td><td>\$161,170</td><td></td><td>\$161,170</td><td></td><td>\$18,161</td><td>\$18,161</td><td></td></t<>	INTRABUILDING NETWORK CABLE - N	ETALLIC	\$92,223		\$92,223	1 7476	\$161,170		\$161,170		\$18,161	\$18,161	
56.734 56.734 10000 54.7144 50.664.349 56.714 21.064.349 51.064.349 <th< td=""><td>DERIAL WHEE CONDUIT SYSTEMS TOTAL CABLE AND WIRE FACILITIES</td><td></td><td>\$646,729</td><td>Ш</td><td></td><td></td><td>\$1,453,781</td><td>0\$</td><td>\$1,453,781 \$5,849,635</td><td></td><td>\$122,477 \$583,852</td><td>\$122,477 \$583,852</td><td></td></th<>	DERIAL WHEE CONDUIT SYSTEMS TOTAL CABLE AND WIRE FACILITIES		\$646,729	Ш			\$1,453,781	0\$	\$1,453,781 \$5,849,635		\$122,477 \$583,852	\$122,477 \$583,852	
\$1.74 \$5.74 \$6.74 <th< td=""><td>NTANGIBLE ASSETS OTAL TPIS (BEFORE AMORTIZABLE A</td><td>SSETS)</td><td>\$47,114</td><td>\$0</td><td>\$17,114</td><td>1 0000</td><td>\$10,664,349</td><td>0\$</td><td>\$10,664,349</td><td></td><td>\$9,886</td><td>\$9,886</td><td></td></th<>	NTANGIBLE ASSETS OTAL TPIS (BEFORE AMORTIZABLE A	SSETS)	\$47,114	\$0	\$17,114	1 0000	\$10,664,349	0\$	\$10,664,349		\$9,886	\$9,886	
\$1.734 \$1.734 \$1.734 \$1.734 \$1.734 \$1.734 \$1.734 \$1.734 \$1.734 \$1.746<	PLANT SPECIFIC OPERATIONS; NEWTORK SUPPORT EXPENSES; MOTOR VEHICLE EXPENSES		\$6.734	S	\$6732		25.7.82		26.732		27.2		
\$199,270 \$199,270	OOLS AND OTHER WORK EQUIPMENT OTAL NETWORK SUPPORT EXPENSE	EXPENSE S	\$7.34	05	\$734		\$734	AND NO.	\$734		\$734		
16.05	GENERAL SUPPORT EXPENSES: AND AND BUILDING EXPENSES		\$38,270	20	\$38,270		\$38,270		\$38,270		\$38,270	\$37,959	
\$80,002 \$60,002 \$80,002 <t< td=""><td>CURNITURE AND ARTWORKS EXPENSI-</td><td>ES</td><td>\$615</td><td>S</td><td>\$615</td><td></td><td>\$615</td><td></td><td>\$615</td><td></td><td>\$615</td><td>\$604</td><td>11</td></t<>	CURNITURE AND ARTWORKS EXPENSI-	ES	\$615	S	\$615		\$615		\$615		\$615	\$604	11
\$1772 \$15.64 \$444.28 \$	SENERAL PURPOSE COMPUTERS EXP TOTAL GENERAL SUPPORT EXPENSE	ENSES (Note 1)	\$143,583	05	\$88,002		\$88,002	80	\$88,002		\$88,002	\$7.274	100
\$46,076 \$1,646 \$44,428 \$45,202 <th< td=""><td>CENTRAL OFFICE SWITCHING EXPENSIONAL OF PICTRONIC EXPENSES</td><td>SES</td><td>6113</td><td>15</td><td></td><td></td><td>6773</td><td></td><td>6113</td><td></td><td>6113</td><td></td><td></td></th<>	CENTRAL OFFICE SWITCHING EXPENSIONAL OF PICTRONIC EXPENSES	SES	6113	15			6773		6113		6113		
\$46,000 \$1,648	DIGITAL ELECTRONIC EXPENSES		\$46,076	\$1,648			\$44,428		\$44.428		\$44,428		
\$50 \$50 <td>TOTAL CENTRAL OFFICE SWITCHING</td> <td>EXPENSES</td> <td>\$46,850</td> <td>\$1,648</td> <td></td> <td></td> <td>\$45,202</td> <td></td> <td>\$45,202</td> <td></td> <td>\$45,202</td> <td>\$45,202</td> <td>1.1</td>	TOTAL CENTRAL OFFICE SWITCHING	EXPENSES	\$46,850	\$1,648			\$45,202		\$45,202		\$45,202	\$45,202	1.1
\$80 \$80 <td>DPERATOR SYSTEMS EXPENSES</td> <td></td> <td>25</td> <td>\$0</td> <td>\$2</td> <td></td> <td>\$2</td> <td>0\$</td> <td>\$25</td> <td></td> <td>\$2</td> <td>25</td> <td></td>	DPERATOR SYSTEMS EXPENSES		25	\$0	\$2		\$2	0\$	\$25		\$2	25	
\$55.05	CENTRAL OFFICE TRANSMISSION EXERADIO SYSTEMS EXPENSES	NENSES.	\$80	05	580		\$80		\$80		CRO		
\$51,459 \$10,410 \$50,412 \$50,41	SIRCUIT EQUIPMENT EXPENSES - 257	52)	\$6,315	\$268			\$6,047	7 1 1 1 2	\$5,047		\$6,047		
EAMSES. \$5,407 \$0 \$5,407 \$5,507 <td>TOTAL CENTRAL OFFICE TRANSMISSI</td> <td>ON EXPENSES</td> <td>\$31,453</td> <td>\$1,041</td> <td></td> <td></td> <td>\$30,412</td> <td></td> <td>\$30,412</td> <td></td> <td>\$30,412</td> <td></td> <td>1.1</td>	TOTAL CENTRAL OFFICE TRANSMISSI	ON EXPENSES	\$31,453	\$1,041			\$30,412		\$30,412		\$30,412		1.1
WAVEE EXPENSES \$1 \$2 \$5	NFORMATION ORIGITERM EXPENSES IT ATION APPARATUS EXPENSES		\$5,407	05	\$5,407		\$5,407		\$5.407		\$5.407	\$5.407	
EXPENSES \$35,770 \$1,100 \$22,670 \$25,670 \$25,670 \$25,670 \$25,670 RAM EXPENSES: \$3,770 \$1,100 \$32,837 \$3,770	JARGE PRIVATE BRANCH EXCHANGE I PUBLIC TELEPHONE TERMINAL EQUIPI	EXPENSES MENT EXPENSES	\$1,760	05	\$1,760		\$1,780		\$1,780		\$1,760	\$1,780	
SES \$3.778 <td>OTHER TERMINAL EQUIPMENT EXPENTOTAL INFORMATION ORIGITERM EXP</td> <td>ENSES</td> <td>\$33,937</td> <td>\$1,100</td> <td></td> <td></td> <td>\$32,837</td> <td>0\$</td> <td>\$25,670</td> <td></td> <td>\$32,837</td> <td>\$25,670</td> <td></td>	OTHER TERMINAL EQUIPMENT EXPENTOTAL INFORMATION ORIGITERM EXP	ENSES	\$33,937	\$1,100			\$32,837	0\$	\$25,670		\$32,837	\$25,670	
SES \$73.300 \$3.375 \$17.2015 \$72.015 \$72.015 \$72.015 SES \$20,196 \$63.371 \$16.371 \$16.371 \$19.371	CABLE AND WIRE FACILITIES EXPENS	£5;	\$3,778	0\$			\$3,778	0 20	\$3,778		\$3,778	\$3,778	
\$55,729 \$2,096 \$51,123 \$51,1	LERIAL CABLE EXPENSES INDEPENDING CARLE EXPENSES		\$75,390	\$3,375			\$72,015	7,000000	\$72,015		\$72,015	\$72,015	1.1:
SO SO SO SO SO SO SO SO	SURIED CABLE EXPENSES		\$53,219	\$2,096	\$51,123		\$51,123	1000	\$51,123		\$51,123	\$51,123	1.1
LE EXPENSES \$1,730 \$0 \$1,730 \$1,730 \$1,730 \$1,730 LE EXPENSES \$0 <td>SUBMANNE CABLE EXPENSES SEEP SEA CABLE EXPENSES</td> <td></td> <td>2 3</td> <td>23</td> <td></td> <td></td> <td>05</td> <td></td> <td>\$0</td> <td></td> <td>05</td> <td>03</td> <td></td>	SUBMANNE CABLE EXPENSES SEEP SEA CABLE EXPENSES		2 3	23			05		\$0		05	03	
\$2,053 \$0 \$2,053	NTRABUILDING NETWORK CABLE EXP JERIAL WIRE EXPENSES	ENSES	\$1,730	03	~		\$1,730		\$1,730		\$1,730	\$1,730	
	CONDUIT SYSTEMS EXPENSES TOTAL CABLE AND WIRE FACILITIES E	XPENSES	\$156,368	104	\$2,063		\$150.070		\$2,053		\$2,053	\$2,053	1.1

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		Source:	Input Tab 2	Input Tab 2	F=D-E	Input Tab 2	D. 4 = H	Input Tab 2	J-H-1	Input Tab 2	Y. (*)	N-1-N	Note 3
			CLEC ADJ.					CLEC ADJ.		CLEC ADJ.			CLEC ADJ.
No.	Acct.	SPER	Ohio Dec. 31, 2002 Booked Cost	Transition Benefit Obligation (TB0)	Booked Costs Less TBO	CC/BC	Current	Forward Looking Adjustmt	Forward Looking Costs	Cap Cost Factor Applies Only To Investment	Direct and Shared & Common Costs	TOTAL DIRECT COSTS	TOTAL SHARED & COMMON COSTS
107		PLANT NONSPECIFIC OPERATIONS EXPENSES.											
110	6511	PROPERTY HELD FOR FUTURE TELECOM USE EXPENSES PROVISIONING EXPENSES	\$5,129	05	\$5,129		\$5,129	0\$	\$5,129		\$5,129	\$5,129	05 05
111	6510	OTHER PROPERTY, PLANT AND EQUIPMENT EXPENSES	\$5,129		\$5,129		\$5,129		\$5,129		\$5,129	\$5,129	\$0
113	6531	POWER EXPENSES	\$12,793				\$12,783		\$12,793		\$12,793	\$12,793	OS.
115		TESTING EXPENSES	\$47,852	-			\$45,804		\$45,804		\$45,804	\$45,804	808
1116	6534	PLANT OPERATIONS ADMINISTRATION EXPENSES ENGINEERING EXPENSES	\$33,965	\$359	\$33,513		\$33,513		\$33,513		\$33,513	\$33,513	SS
118	6530	TOTAL NETWORK OPERATIONS EXPENSES	\$156,082	\$2,880	\$153,202		\$153,202	\$0	\$153,202	\$0	\$153,202	\$153,202	\$0
120	6540	ACCESS EXPENSES	\$70,842	05	\$70,842		\$70,842		\$70,842		\$70,842	\$70,842	\$0
122		DEPRECIATION AND AMORTIZATION EXPENSES:											
124	6561	DEPRECIATION - TELECOM PLANT IN SERVICE DEPRECIATION - PROP HELD FOR FUTLISE TELECOM USE	\$508,608		\$508,608		\$508,608	\$508,608	0\$				
126	П	AMORTIZATION EXPENSE - TANGIBLE	\$465		\$465		\$465	Ш	Z		\$465	5441	\$24
128		AMORTIZATION EXPENSE - INTANGIBLE AMORTIZATION EXPENSE - OTHER	\$1,573		\$1,793		\$1,793	-\$17,793					
129	0959	TOTAL DEPRECIATION AND AMORTIZATION EXPENSES	\$528,439		\$528,439		\$528,439	\$527,974	\$465		\$465	\$441	\$24
131	069	TOTAL PLANT NONSPECIFIC OPERATIONS EXPENSES	\$760,492	\$2,880	\$757,612		\$757,612	\$527,974	\$229,638		\$229,638	\$229,615	\$24
132		MARKETING EXPENSES:											
134	1199	PRODUCT MANAGEMENT	146,511	05	\$46,511		\$46,511		\$46,511		\$46,511	\$ 05	
135		PRODUCTADVERTISING	03				05		\$0,094		05	200	05
137	П	TOTAL MARKETING EXPENSES	\$113,636		\$113,8		\$113,605	0\$	\$113,605		\$113,605	\$0	\$113,605
139		SERVICES EXPENSES.											
140		CALL COMPLETION SERVICES	\$5,042	\$143			219 365		C10 365		268		3
142	6623	CUSTOMER SERVICES	\$183,505	~	\$181,615		\$181,615		\$181,615		\$181,615	\$181,615	S
143	6620	TOTAL SERVICES EXPENSES	\$208,288				\$205,879	05	\$205,879		\$205,879		3
145	700	TOTAL CUSTOMER OPERATIONS EXPENSES	\$321,924	\$2,440	\$319,484		\$319,484	0\$	\$319,484		\$319,484	\$205,879	\$113,605
147		EXECUTIVE AND PLANNING EXPENSES;											
148	6711	EXECUTIVE	27.178	0,5	871.78		2,178		\$4.178		24,178	968\$	\$3,282
150		TOTAL EXECUTIVE AND PLANNING EXPENSES	\$4,183		K,183		FR 183	\$0	K, 183		\$4,183	\$897	\$3,286
151		GENERAL AND ADMINISTRATIVE EXPENSES:											
153		ACCOUNTING AND FINANCE	\$24,041				\$24,040		\$24,040		\$24,040		\$18,883
154	6722	EXTERNAL RELATIONS	\$12,526		\$12,514		\$12,514		\$12,514		\$12,514		\$9,830
156		INFORMATION MANAGEMENT ***	\$30,105				\$30,086	\$0	\$30,086		\$30,086		\$23,633
157		LEGAL	\$7,959				\$7,959		\$7,959		\$7,959		\$6,252
158		PROCUREMENT DESCRIPTION AND DEVELOPMENT	\$2,239	05	\$2,239		\$2,239		\$2,239		\$2,239	2480	\$1,759
160		OTHER GENERAL AND ADMINISTRATIVE ****	(36,854)				\$6,891	0\$	-\$6,891		\$6,891		-\$5,413
161	6720	TOTAL GENERAL AND ADMINISTRATIVE EXPENSES	\$110,653		\$110,582		\$110,582		\$110,582		\$110,582	П	\$86,862
163	6790	PROVISION FOR UNCOLLECTIBLE NOTES RECEIVABLE	80	05	20		80	20	\$0		0\$	\$0	0\$

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		Source:	Input Tab 2	Input Tab 2	F=0-E	Input Tab 2	D. 4=H	Input Tab 2	1+H=7	Input Tab 2	Y.f.1	N-7-W	Note 3
			CLEC ADJ.					CLEC ADJ.		CLEC ADJ.			CLEC ADJ.
E C	Acct	SW311	Ohio Dec. 31, 2002 Booked Cost	Transition Benefit Obligation (TBO)	Booked Costs Less TBO	CC/BC	Current	Forward Looking Adjustmt	Total Forward Looking Costs	Cap Cost Factor Applies Only To Investment	Direct and Shared & Common Costs	TOTAL DIRECT COSTS	TOTAL SHARED & COMMON COSTS
164													
165	710	TOTAL CORPORATE OPERATIONS EXPENSES	\$114,836	\$71	\$114,764		\$114,764	0\$	\$114,764		\$114,764	\$24,617	\$90,148
166													
167	720	TOTAL OPERATING EXPENSES	\$1,616,913	\$15,479	\$1,601,434		\$1,601,434	\$527,974	\$1,073,460		\$1,073,460	\$788,093	\$285,367
168													
169		TOTAL OPERATING EXPENSES EXCL DEPR. & AMORT	\$1,088,474	\$15,479	\$1,072,995		\$1,072,995	0\$	\$1,072,995		\$1,072,995	\$787,652	\$285,343
170		Ad Valorem Tax - (Note 2)									\$144,376	\$143,785	
171		Transition Benefit Obligation (TBO)									80	05	S
172	5301/5302	172 5301/5302 Uncollectible Expense (Accounts 5301 & 5302)									\$61,015	05	\$61,015
173													
174		Total Cost								Total Cost		\$2,238,617 \$2,092,263	\$351,745

Note 1. The calculations for the assignment of accounts 2124 and 6124 to Direct and Shared and Common calegores and any adjustment to 6724 are displayed on the inputs Tab.
Note 2. The calculations for the Advancer Tax and the assignment to Direct and Shared and Common calegores are displayed on The Inputs Tab.
Note 3. The calculation for the assignment of accounts 2111 through 2123, accounts 6112 through 6123, and account 6653 to the Shared and Common calegores is displayed on the Inputs Tab.

May not add due to rounding to \$000.

Shared & Common Cost Study
Ohio
2004-2007
Calculations (\$000)

8	3		0	E		9			,				
		Source	Input Tab 2	Input Tab 2	F=0-E	Input Tab 2	9.4=H	Input Tab 2	1.H.	Input Tab 2	X.f=7	N-7-N	Note 3
			CLEC ADJ.	CLEC ADJ.				CLEC ADJ.		CLEC ADJ.			CLEC ADJ.
Acct	CC TTEMS		Ohlo Dec. 31, 2002 Booked Cost	Transition Benefit Obligation (TBO)	Booked Costs Less TBO	28/22	Current	Forward Looking Adjustmt	Forward Looking Costs	Cap Cost Factor Applies Only To	Shared & Common Conte	TOTAL	SHARED & COMMON
	TPIS - GENERAL SUPPORT:			L		L		L			3		
1 2111			\$16,774	Supplemental Pro-	\$16,774		\$16,774		\$16,774				\$19
2 2112			150,172	1	\$71,054				\$73,569		\$11,681	\$11,644	\$37
3 2114	14 TOOLS AND OTHER WORK EQUIPMENT EXPENSE		\$60,205	Aller Soll	\$60,205	1 1404	\$68,658		\$68,658		ľ	4	05
1717 2			8005, /W		\$363,799		1		\$1,331,463	2012		\$125,460	\$1,227
	T		\$5.579	1	\$5.579		\$5.760		\$5 760				633
	Ħ		\$66,810	0\$	\$66,810				\$18,152		~	Ш	53,156
8 2110	10 TOTAL LAND & SUPPORT ASSETS		\$808,778	No. of Concession, Name of Street, or other Persons and Street, or other P	\$808,778		\$1,518,098	\$0	\$1,518,098		\$153,587	\$149,104	\$4,483
200	TPIS - CENTRAL OFFICE SWITCHING:		The state of the s										
1 2211	T		159'98	2000	\$6,657		\$0	05	\$0		0\$	\$0	0\$
			\$1,538,841	570	\$1,538,771	0.7245		101	\$1,114,839	10.92%	\$121,699		05
13 2210	10 TOTAL CENTRAL OFFICE SWITCHING		\$1,545,498	\$70	\$1,545,427		\$1,114,839	0\$	\$1,114,839		\$121,699		03
15 2220	20 OPERATOR SYSTEMS		\$18,068		\$18.068	1 1501	\$20.961	\$	\$20,961	13.72%	\$2,875	\$2.875	0\$
16			Section 1989	The Control of the Co									
7	TPIS CENTRAL OFFICE TRANSMISSION			100000	•								
2231	2231 16/C RADIO STSTEMS-NON CELLULAR MOBILE		56 407		56.487	1.0245	26 641		26 641				
0 223	RADIO SYSTEMS		15.489	60	20 404		06		05	13.72%	03	03	60
1 223	32 CIRCUIT EQUIPMENT		\$2.019.849	58			05		\$0				000
2 2232	157C DIGITAL CIRCUIT EQUIPMENT		\$15,947	OWNERS	\$15,947				\$16,209	19.04%		Ц	0\$
3 2232	257C DIGITAL CIRCUIT EQUIPMENT		\$922,798	5436	\$922,362	0.9713			\$895,890				0\$
4 2232	357C DIGITAL CIRCUIT EQUIPMENT		\$1,010,32		\$1,009,894		\$980,910		\$980,910	13.06%	\$128,149	- 1	31
26 2230			\$2,026,338	\$865	\$2,025,473		\$1,971,705	0\$	\$1,971,705			\$275,703	05
1			The same of the last	Spinster, or other Persons								Н	
90	TPIS - INFORMATION ORIGITERM:		- Albertan	D-100-00			•						
232	CUSTOMER PREMISES WIRING		3		05		05		05	0.00%	0.5	3 5	08
1 234	41 LARGE PRIVATE BRANCH EXCHANGES		3	S. S	0\$		05		0\$	24.84%	20		\$0
2 235	51 PUBLIC TELEPHONE TERMINAL EQUIPMENT		05	VIII STATE OF THE	\$0	1 1244	0.5		\$0			П	\$0
3 236	62 OTHER TERMINAL EQUIPMENT		211.764	No. of Street, or other Persons	\$11,264		\$11,004		\$11,004	24.84%	\$2,734	\$2,734	20
7	TOTAL INFORMATION ORIGINATION LERMINATION		ATTIES .	2	907'116		400,116	04	\$11,004		\$2,734		20
190	TPIS - CABLE & WIRE FACILITIES:		STATE OF THE PERSON NAMED IN	AND DESCRIPTION OF THE PERSON NAMED IN									
	11 POLES		\$136,560	213	\$136,483	2 9942	\$408,657		\$408,657	10.69%	\$43,675	\$43,675	\$0
	-		1819.450	1			0\$						
9 2421 822C	822C AERIAL CABLE - NON-METALLIC		TAN AND		\$53,353 \$764,767	1 7134	\$58,870 \$1 300 723		\$1 200 723	11.51%	\$6.774	\$6,774	200
	-		\$709.165				05		0000000				6
12	-		\$188,010			1 0800	\$202.818	BANK CONTRACTOR	\$202.818	10.09%	\$20,456	L	05
60	\Box		\$521,158	\$375	\$520,780		\$979,640	HISTORY I	\$979,640		\$91,607	\$91,607	\$0
44 2423	23 BURIED CABLE		1960,29		1	* 1005	\$05		100000				-
S 2497 455	-		100 000	1000	CR48 158		£1 427 557		61 147 552	11.13%	\$13,700	213,700	000
	_		100'040'		DC 1 30		2000		A 186 333				

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Column C	<	n	Source	e: Input Tab 2	Input Tab 2	F=0.E	Input Tab 2	H.F.G	Input Tab 2	J-H-1	hput Tab 2	X.[*]	N-7-N	Note 3
				CLEC ADJ.	CLEC ADJ.				CLEC ADJ.		CLEC ADJ.			CLEC ADJ.
Color Colo	F C		TEMS	Ohio Dec. 31, 2002 Booked Cost	Transition Benefit Obligation (TBO)	Booked Costs Less TBO	28/20	Current	Forward Looking Adjustmi	Forward Looking Costs	Cap Cost Factor Applies Only To	Shared & Common Costs	TOTAL	SHARED &
Note Colored	8 9			F 10	30	\$0	44125	\$1,811		\$1.811	%000		05	8
Market M	50	2426 462(INTRABUILDING NETWORK CABLE INDI-METALLIC	\$99,132	20	\$6,909	1,1034	\$7,623		\$7,623			\$859	0\$
13.00	53	2426 442	AERIAL WIRE	\$82,223	Charles of	\$92,223	1,7476	\$161,170		\$161,170			\$18,161	93
Fig. Colored	55	2441		\$546,721	0.00	\$3,369,030	2.2479	\$5,849,592		\$5,849,592		\$122,475		223
	58	-1	INTANGBLE ASSETS TOTAL TPIS (BEFORE AMORTIZABLE ASSETS)	\$47,090 (7,828,765	23	\$7,825,130	1 0000	\$10,533,289		\$47,090		\$9,881	\$9,881	\$2,483
Fig. 10 WATER CHAPTER EACH CONTROL Fig. 10 Fig.	609		PLANT SPECIFIC OPERATIONS: NEWTORK SUPPORT EXPENSES:											
STATE CHARLES AND PRINCES EPPENESS PARTY	63		MOTOR VEHICLE EXPENSES TOOLS AND OTHER WORK EQUIPMENT EXPENSE	\$5,803	22	\$5,803		\$5,803	05	\$5,803		\$5,803	\$5,780	\$23
STATEST SEPTION STATEST SE	65		TOTAL NETWORK SUPPORT EXPENSES	16,495	2	\$6,495		\$6,495	05	\$6,495		\$6,495	\$6,472	\$23
CATACOL CONTROL CONT	65		GENERAL SUPPORT EXPENSES: 21 LAND AND BUILDING EXPENSES	\$35,470	1	\$35,470		\$35,470		\$35,470		\$35,470		1165
CHICAL PROVINCE COMPUTED SEPTINGS PARTINGS PARTIN			22] FURNITURE AND ARTWORKS EXPENSES 23] OFFICE EQUIPMENT EXPENSES	\$14,356	20000	\$14,358		\$14,358		\$14,358		\$14,358		
CENTRAL OFFICE ENTITORING DIPLASES 1577	71	6124(Note 6120	# GENERAL PURPOSE COMPUTERS EXPENSES (Note 1) TOTAL GENERAL SUPPORT EXPENSES	879,758 8130,119	STREET, STREET	\$130,119		\$79,758	80	\$130,119		\$130,119		
COLOR COLO	73	\perp	CENTRAL OFFICE SWITCHING EXPENSES;											
	75		DIGITAL ELECTRONIC EXPENSES	\$46,063		\$44.416		\$44,416		\$44,416		\$44,416	\$44.416	0,0
COUNTY OF CHANGE STATE OF CHENCES County O	77	\mathbf{H}	TOTAL CENTRAL OFFICE SWITCHING EXPENSES	LIGAN		\$45,190		\$45,190	05	\$45,190		\$2,190	11	88
CENTRAL OFFICE TRANSMISSION EPPENSES 450 540	79	Ш	OPERATOR SYSTEMS EXPENSES	G	3	\$2		\$2	05	25		\$2	23	05
State Stat	60 60	6731	CENTRAL OFFICE TRANSMISSION EXPENSES:			Can		400		000				
INFORMATION ORIGINES/ PROPERSES 11/402 11/	20 20	6232 257 232 (non 2	CROUT EQUIPMENT EXPENSES . 257 25] CROUT EQUIPMENT EXPENSES (mon 257)	825.057	4	\$24.284		\$5,047	10 C	\$6.047		\$6,047	\$6,047	285
INFORMATION ORIGITENE EXPENSES 19 19 19 19 19 19 19 1	85	6230	TOTAL CENTRAL OFFICE TRANSMISSION EXPENSES	EN/HS		\$30,411		\$30,411		\$30,411		\$30,411	\$30,411	3
6341 LARGE PRINATE BRANCH EXCHANGE EXPENSES \$6 <td>188</td> <td>Ш</td> <td>INFORMATION ORIGITERM EXPENSES: STATION APPARATUS EXPENSES</td> <td>3</td> <td>95</td> <td>0\$</td> <td></td> <td>9</td> <td></td> <td>9</td> <td></td> <td>S</td> <td>5</td> <td>60</td>	188	Ш	INFORMATION ORIGITERM EXPENSES: STATION APPARATUS EXPENSES	3	95	0\$		9		9		S	5	60
6362 OTHER TERMINAL EQUIPMENT EXPENSES 1936 58.981 58.98	68		LARGE PRIVATE BRANCH EXCHANGE EXPENSES PUBLIC TELEPHONE TERMINAL EQUIPMENT EXPENSES	2.5	99	80		05		05		33	333	200
CABLE AND WIRE FACALITIES EXPENSES. L37776 L377776 L377776 L377776 L377776 L377777 L377777 L377777 L377777 L377777 L377777 L377777 L377777 L37777	92		OTHER TERMINAL EQUIPMENT EXPENSES TOTAL INFORMATION ORIGITERM EXPENSES	19,366	100	\$8,981		\$8,981	0\$	\$8.981		58,981	186.98	200
6421 AERAL CARIE EXPENSES \$3.778	93		CABLE AND WIRE FACILITIES EXPENSES:										2	2
6422 UNDERGROUND CABLE EXPENSES \$19,371 \$11,321	95	5421	POLE EXPENSES AFRIAL CARLE EXPENSES	\$7,778		\$3,778		\$17.78		\$3,778		\$3,778	\$3,778	\$0
March Marc	97	Ш	UNDERGROUND CABLE EXPENSES	620,196	H	\$19,371		\$19.371		\$19.371		\$19,371	\$19.371	20
## 20 TOTAL PLANT SPECIFIC OPERATORS EXPENSES ## 20 \$17.30	66	11	SUBMARINE CABLE EXPENSES	80		0\$		05		\$20,123		\$21,123	\$51,123	2 2
441 CONDUCTORES EXPENSES 12,053 42,05	101		DEEP SEA CABLE EXPENSES INTRABULLING NETWORK CABLE EXPENSES ACREA INTO EXPENSES	11,730	223	\$1,730		\$1,730	I	\$1,730		\$1,730	\$1,730	05
850 TOTAL PLANT SPECIFIC CREBATIONS EXPENSES TOTAL PLANT SPECIFIC CREBATIONS EXPENSES	103	2 2 2 2	CONDUIT SYSTEMS EXPENSES CONDUIT SYSTEMS EXPENSES TOTAL CARLE AND WIRE FACILITIES EXPENSES	12,053		\$2,053		\$2,053	5	\$2,053		\$2,053	25053	05
DOUGHT AND THE PERSON OF THE P	105	Ш	TOTAL DI AAIT EDECIZIO COCCUATIGALE EXPERIENCE	000								O.D.O.D.	0.000	2

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4	n	Source	Input Tab 2	Input Tab 2	F#O-E	input Tab 2	9.3=H	Input Tab 2	J.H.	Input Tab 2	Y. F. 1	3 3	Note 3
			CLEC ADJ.	CLEC ADJ.				CLEC ADJ.		CLEC ADJ.			CLEC ADJ.
2	Acet	****	NOS. 3, 5, 8 Ohio Dec. 31, 2002	Transition Benefit Obligation	Booked Costs Less		Current	Forward Looking	Total Forward Looking	Cap Cost Factor Applies Only To	Direct and Shared & Common	TOTAL	NO. 4 TOTAL SHARED &
107	700	CHAI	Booked Cost	(180)	180	CC/BC	Cost	Adjustmt	Costs	Investment	Costs	COSTS	COSTS
108	6511	PLANT NONSPECIFIC OPERATIONS EXPENSES;	5	5			03				04	6	14
110	6512		187.H	233	\$4.787		\$4,787	05	X 787		187.87	187.18	281
112	0210	OTHER PROPERTY, PLANT AND EQUIPMENT EXPENSES	18/18/	No. of Street, or other Persons			Z. (8)		78,787		\$4,787	787.787	93
113	6531	POWER EXPENSES	\$12,787	100	П		\$12,787		\$12,787		\$12,787		\$
115	6533	TESTING EXPENSES	135,511				\$33,991		\$30,991		\$33.991	\$33 991	0,0
116	6534	PLANT OPERATIONS ADMINISTRATION EXPENSES	\$48,145	A234	K7.811		\$47,811		\$47,811		K7.811	П	\$0
1180	6535	ENGINEERING EXPENSES	132,329				\$31,880		\$31,880		\$31,880		80
119	6530	TOTAL NETWORK OPERATIONS EXPENSES	\$138,393	\$2,303	\$136,090		\$136,090	0\$	\$136,090	0\$	\$136,090	\$136,090	80
121	6540	ACCESS EXPENSES	\$70,842	05	\$70,842		\$70,842		\$70,842		\$70,842	\$70,842	20
122		DEDDECIATION AND AMORTZATION EXPENSES:	San	STORES OF									
124	6561	DEPRECIATION - TELECOM PLANT IN SERVICE	\$504.172	1000	\$504.172		\$504.172	\$504 172	80				
125	6562	DEPRECIATION - PROP HELD FOR FUTURE TELECOM USE	SCHOOL STREET, SO	The same of the same of	05		\$0		\$0				
126	6563	AMORTIZATION EXPENSE - TANGIBLE	M35	A STATE OF STREET	\$435		\$435	05	\$435		\$435	Z	\$24
128	6565	AMORTIZATION EXPENSE - OTHER	\$1,435		\$1.435		\$1.435		98				
129	6560	TOTAL DEPRECIATION AND AMORTIZATION EXPENSES	\$523,827		\$523,827		\$523,827	4	\$435		\$435	Z	\$24
131	069	TOTAL PLANT NONSPECIFIC OPERATIONS EXPENSES	\$737.849	\$2.303	\$735 546		\$735 546	\$523.392	\$212154		C12154	\$212 131	PC3
132	2			The state of the s	200		20000	20000000	4616,150		10,712	3515,131	476
133	1135	MARKETING EXPENSES:	112 TH COLUMN	SHARP	113 000		***						
135	6612	SALES	\$67,125		\$60,098		\$67,099		\$67,099		\$67.099	08	\$67,099
136	6613	PRODUCT ADVERTISING	05	2	0\$		80		80		0\$	05	\$0
138	200	TOTAL MARKETING EXPENSES	\$113,636	NAME OF PERSONS	\$113,610		\$113,610	20	\$113,610		\$113,610	05	\$113,610
139		SERVICES EXPENSES:	Designation of									1.1	
140	6622	CALL COMPLETION SERVICES NUMBER SERVICES	\$5,042	\$105			K 899		615 710		K 899	\$4,899	200
142	6623	CUSTOMER SERVICES	8164,048		\$152,463		\$152,463		\$152,463		\$152,463	11.1	
143	6620	TOTAL SERVICES EXPENSES	\$175,106				\$173,071	0\$	\$173,071		\$173,071	\$173,071	0\$
145	200	TOTAL CUSTOMER OPERATIONS EXPENSES	\$288,742	\$2,061	\$286,681		\$286,681	0\$	\$286,681		\$286,681	\$173,071	\$113,610
147		EXECUTIVE AND PLANNING EXPENSES:	SOCIOL SECTION										
148	6711	EXECUTIVE	\$3,649	No.	\$3,648		\$3,648		\$3,648		\$3,648	\$783	\$2,866
150	6710	TOTAL EXECUTIVE AND PLANNING EXPENSES	13.63	29	13.653		\$3.653	05	\$3.653		\$3.853	5784	\$2 869
151		Control of the Contro											
153	6721	ACCOUNTING AND FINANCE	\$20,995	1	\$20.994		\$20 994		\$20 994		\$20.994	24 500	C16 491
154	6722	EXTERNAL RELATIONS	\$10,939	SPANS I			\$10,929		\$10,929		\$10,929	\$2,344	\$8,585
155	6723	HUMAN RESOURCES	\$33,285				\$33,283	10	\$33.283		\$33,283	\$7,139	\$26,143
157	6725	LEGAL	180 974				\$70,275		\$25,275		\$26,275	\$5,636	\$20,639
158	6726	PROCUREMENT	\$1,955	06	\$1,955		\$1,955		\$1,955		\$1,955	6119	\$1,536
159	6727 6728	RESEARCH AND DEVELOPMENT OTHER GENERAL AND ADMINISTRATIVE ****	12.203				\$2,203		\$2,203		\$2,203	£73	11,731
161	6720	TOTAL GENERAL AND ADMINISTRATIVE EXPENSES	\$96,632				\$96,572	05	\$96,572		\$96,572	\$20,715	\$75,857
162	6790	PROVISION FOR LINCOLLECTIBLE NOTES BECEIVABLE	5	9	03			03					4
201	2012	PROVISION FOR STRUCTURE TO ESTADIST	A COLUMN TO A COLU	The second second	200		24	ne.	200		20	20	20

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1		Source	input Tab 2	Input Tab 2	F=0-E	Input Tab 2	9.4.H	Input Tab 2	J*H*1	Input Tab 2	Y. F. 7	N-T-N	Note 3
			CLEC ADJ.	CLEC ADJ.				CLEC ADJ.		CLEC ADJ.			CLEC ADJ.
- 2	Acct.	ITEMS	Ohio Dec. 31, 2002 Booked Cost	Transition Benefit Obligation (TBO)	Booked Costs Less TBO	CC/BC	Current	Forward Looking Adjustmt	Total Forward Looking Costs	Cap Cost Factor Applies Only To Investment	Direct and Shared & Common Costs	TOTAL DIRECT COSTS	SHARED & COMMON COSTS
164	240	TOTAL COBDODATE OBEDATIONS EVERNOES	90 0013	260	\$100.338		£100 22¢	40	\$100.00		\$100.235	621 498	101 878
200	110	TOTAL CONTORNIE OFFICIAL ENTERSES	\$ 100,40	2	-		200,000				-	1	
167	720	TOTAL OPERATING EXPENSES	\$1,507,51	\$ \$13,795	\$1,493,720		\$1,493,720	-\$523,392	\$970,328		\$970,328	\$704,455	\$265,872
168		TOTAL OPERATING EXPENSES EXCL. DEPR. & AMORT	\$903,680	813,795	\$969,893		\$969,893	0\$	\$969,893		\$969,893	\$704.044	\$265,849
170		Ad Vakinem Tax - (Note 2)									\$142,218	\$141,664	\$55
171		Transition Benefit Obligation (TBO)									\$0	0\$	05
172	5301/5302	172 5301/5302 Uncollectible Expense (Accounts 5301 & 5302)									\$61,015	\$0	\$61,015
173													
174		Total Cost								Total Cost		\$2,120,655 \$1,991,964	\$331,924

Note 1. The calculations for the assignment of accounts 2124 and 6124 to Derect and Shared and Common categories and any adjustment to 6724 are displayed on the Inputs Tab.
Note 2. The calculations for the Ad Valoriem Tax and the assignment to Direct and Shared and Common categories are displayed on The Inputs Tab.
Note 3. The calculation for the assignment of accounts 2111 through 2123, accounts 6112 through 6123, and account 6563 to the Shared and Common categories is displayed on the Inputs Tab.

May not add due to rounding to \$000

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	Source	ce: Input Tab 2	Input Tab 2	3-0=4				-+ 11 = 1			1	
				000	Input Tab 2	9.4.1	Input Tab 2		input 185 2	Y	2 - 1 = 2	Note 3
		CLEC ADJ.	CLEC ADJ.				CLEC ADJ.		CLEC ADJ.			CLEC ADJ.
Line Acct.	TELEG	Ohio Dec. 31, 2002	Transition Benefit Obligation	Booked Costs Less		Current	Forward	Forward Looking	Cap Cost Factor Applies Only To	Direct and Shared & Common	TOTAL	TOTAL SHARED & COMMON
NO.	TPIS - GENERAL SUPPORT:	Booked Cost	(180)	180	CC/BC	Cost	Adjustmt	Costs	Investment	Costs	COSTS	COSTS
1 2111	LAND	\$16,774	STATE OF THE PARTY	\$16,774	1 0000	\$16,774		\$16,774	10.40%	\$1.744	\$1 725	\$19
2 2112	MOTOR VEHICLES	\$21,054	Or Designation	\$71,054		\$73,569		\$73,569			-	\$37
	TOOLS AND OTHER WORK EQUIPMENT EXPENSE	\$60,205	かのできるのう	\$60,205		\$68,658		\$58,658				\$0
5 3130	BUILDINGS	\$585,799	一年 一日	\$585,799	2 2729	\$1,331,463		\$1,331,463			\$12	\$1,227
1	OFFICE FOLIDARMT	64 670		\$2,558		\$3,723		\$3,723		\$346		\$11
	GENERAL PURPOSE COMPUTERS (Note 1)	\$66.810		SER RIO		\$3,700		\$5,780	12.06%	28888		\$32
Ш	TOTAL LAND & SUPPORT ASSETS	\$77,808,778	\$00	\$808,778		\$1,518,098	\$0	\$1,518,098		\$153,587	\$149,104	\$4,483
6 01	TPIS - CENTRAL OFFICE SWITCHING	1000	100									
11 2211	ANALOG ELECTRONIC SWITCHING	(A 657)		CA RET		40	4	60				-
12 2212	DIGITAL ELECTRONIC SWITCHING	\$1.536.841	870	\$1.538.771	0.7245	\$1 114 839		\$1 114 R30	10 924	\$121.800	\$121 600	000
13 2210	TOTAL CENTRAL OFFICE SWITCHING	\$1,545,498	10000	\$1,545,427		\$1,114,839	80	\$1,114,839		\$121,699	\$121,699	0\$
1	07-22-07-0	-	White State of the			0\$						
15 2220	OPERATOR SYSTEMS	\$18,068		\$18,068	1.1601	\$20,961	20	\$20,961	13.72%	\$2,875	\$2,875	\$0
17	TPIS - CENTRAL OFFICE TRANSMISSION:	100000000000000000000000000000000000000										
18 2231 167		13		57	1.0245	25		57				
2	C RADIO SYSTEMS-OTHER RADIO FACILITIES	16,482	SECURITY OF	\$6,482	1.0245	\$6,641		\$6,641				
20 2231	RADIO SYSTEMS	\$6,489	000			\$0		80	13.72%	80	0\$	\$0
22 2232 157	22) 2232 157C DIGITAL CIRCUIT EQUIPMENT	\$2,078,849	2005	646 047	+ 0+64	200		05				
23 2232 257C	C DIGITAL CIRCUIT EQUIPMENT	\$922 748		\$422.362	0.0713	CROS AGO		\$10,209 \$805,800		\$3,087	- 1	200
24 2232,357C		\$1,010,322	\$428	\$1,009,894	0.9713	\$980.910		\$980.910	13.06%	\$128 149		05
2	_	187,078		\$70,781	1,0179	\$72,048		\$72,048		\$27.426	\$27,426	0\$
26 2230	TOTAL CENTRAL OFFICE TRANSMISSION	\$2,026,338	1865	\$2,025,473		\$1,971,705	05	\$1,971,705		\$275,703	1 1	\$0
28	TPIS : INFORMATION ORIGITERM											
29 2311	STATION APPARATUS	93	A COUNTY	05		05		\$0	7,000	50	50	60
1	CUSTOMER PREMISES WIRING	2		0\$		0\$		\$0		So	OS	95
	LARGE PRIVATE BRANCH EXCHANGES	20	(TO - WOOD	0\$		80		0\$	24.84%	80	05	So
32 2351	PUBLIC TELEPHONE TERMINAL EQUIPMENT	2	THE PARTY NAMED IN	20		80		80		\$0		0\$
33 2362	TOTAL INFORMATION OBIGINATION/TEDMINATION	811,264	4	\$11.264	0.9770	\$11,004		\$11,004	24.84%	\$2,734	\$2,734	OS .
L		-	2	107		500	2	400,116		22.734		0\$
	TPIS - CABLE & WIRE FACILITIES;	State of the last	1									
	POLES	\$136,560	225	\$136,483	2 9942	\$408,657	A 15 CT	\$408,657	10.69%	\$43,675	\$43,675	\$0
38 2421	AERIAL CABLE	\$819,450				0\$						
40 2421 50CE	+	454,454	41.040	\$33,333	1 1034	358.870		\$58,870		\$6,774	\$6,774	03
-	UNDERGROUND CARI F	6700 186		201,5016	07171	51,505,153		57,505,163	K10.11	\$150,718	\$150,716	05
c	+	\$188.010	\$216	\$187 795	1 0800	\$200 A18	- The same of the	£200 848	40.00%	934 003	220 000	00
2		\$524,155	10000	\$520,780	1 8811	\$979,640	NEWS PROPERTY.	\$979.640	9.35%	\$91 607	\$91.607	20
44 2423		1960,757	Same.			\$0		1			1 -	
	-	111,441		\$111.441	1 1034	\$122,964	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$122,964		\$13,708	\$13,708	\$0
46 2423 456	BURIED CABLE - METALLIC	1944, 851	\$693	\$848,158	13471	\$1,142,553	The same	\$1,142,553	10.10%	\$115,417		80

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Note 3	NO. 4 TOTAL SHARED &	50 50	88888	\$63	\$23 \$0 \$23	\$311 \$11 \$519 \$72,649	8888	3 3333	88888	20 20 20 20 20 20 20 20 20 20 20 20 20 2
N-T-N	TOTAL S	99	\$18,161 \$0 \$122,475 \$583,848	\$1,145,845	\$5,780 \$692 \$6,472	\$35,159 \$522 \$13,839 \$7,109 \$56,630	\$772 \$44,416 \$2 \$45,190	\$80 \$6.047 \$24.284 \$30,411	38 38 38 38 38 38 38 38 38 38 38 38 38 3	\$1778 \$172,015 \$19,371 \$51,123 \$0 \$1,730 \$1,730 \$1,730 \$2,050 \$1,730 \$1,
Y.F.	Direct and Shared &	Costs S0 S0	\$859 \$18,161 \$0 \$122,475 \$583,848	\$9.881	\$5,803 \$6,495	\$35,470 \$533 \$14,358 \$79,758 \$130,119	\$772 \$44,416 \$2 \$45,190	\$80 \$6.047 \$24.284 \$30,411	\$0 \$0 \$0 \$6,981	\$3,778 \$19,371 \$51,123 \$5,123 \$0 \$1,730 \$1,730 \$1,730 \$1,730 \$1,730 \$1,730 \$1,730 \$1,730
Input Tab 2	CLEC ADJ. NO. 2 Cap Cost Factor Applies	Investment 0 00% 0 00%	11.27%	21.0%						
1+H=F	Total (Forward	Costs 50	\$161,170 \$0 \$1,453,763 \$5,849,592	\$10,533,289	\$5,803 \$692 \$6,495	\$35,470 \$533 \$14,358 \$79,758 \$130,119	\$772 \$44,416 \$2 \$45,190	\$6,047 \$30,411	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$3,778 \$19,371 \$19,371 \$19,371 \$0,000 \$2,003 \$2,003 \$150,007 \$150,007
Input Tab 2	NO.1	Adjustmi	05	80	2.2.3	0\$	05	05	0\$	05
D.J.H	1	\$08 \$0 \$1,811	\$161,170 \$161,170 \$1,453,763 \$5,849,592	\$10,533,289	\$5,803 \$692 \$6,495	\$35,470 \$533 \$14,358 \$79,758 \$130,119	\$772 \$44,416 \$2 \$45,190	\$20 \$80 047 \$24,284 \$30,411	\$6.88 1.88 1.88 1.88 1.88 1.88	\$3,778 \$19,371 \$19,371 \$51,123 \$5,130 \$1,30 \$1,5
Input Tab 2		44125 44125	1.1034	1 0000						
F=0-E	Booked	180 \$0 \$410	\$6,909 \$92,223 \$0 \$646,721 \$3,369,030	\$7,825,130	\$5,803 \$692 \$6,495	\$35,470 \$533 \$14,358 \$79,758 \$130,119	\$772 \$44,416 \$2 \$45,190	\$2 \$6.047 \$24.284 \$30,411	03 03 03 03 03 03 03 03 03 03 03 03 03 0	\$3,778 \$72,015 \$19,371 \$51,331 \$0 \$1,330 \$1,730 \$1,730 \$2,053 \$150,070
Input Tab 2	NO. 8 Transition Benefit	(TBO)	\$2,700	22	222	22222	\$0 \$1,647 \$1,647	\$0 \$1772 \$1773	22222	10 10 10 10 10 10 10 10 10 10 10 10 10 1
Input Tab 2	CLEC ADJ. NOS. 3, 5, 8	Booked Cost \$0 \$410	\$6.503 \$02,223 \$6 \$6.6,721 \$1,577,730	67,018,765	\$5,803 \$482 \$6,495	\$33,470 \$533 \$14,358 \$79,756 \$130,119	\$772 \$46,063 \$2 \$46,837	\$10 \$15,057 \$125,057 \$11,422	99€ 58 99€ 68 08	15,7,71 15,3,300 15,3,300 15,2,50 10,7,71 10,0,0 11,7,00 11,7,
Source		SUBMARINE CABLE - NON-METALLIC SUBMARINE CABLE - METALLIC INTRABULDING NETWORK CABLE	12426 462C INTRABUILDING NETWORK CABLE - NON-METALLIC 122 2426 442C INTRABUILDING NETWORK CABLE - METALLIC 1243 AFRIKAL WIRE 1244 CONDUIT SYSTEMS 1246 TOTAL CABLE AND WIRE FACILITIES	INTANGBLE ASSETS TOTAL TPIS (BEFORE AMORTIZABLE ASSETS) PLANT SPECIFIC OPERATIONS.	MEWTORK SUPPORT EXPENSES: MOTOUS AND OTHER WORK EQUIPMENT EXPENSE TOOLS AND OTHER WORK EQUIPMENT EXPENSES TOTAL NETWORK SUPPORT EXPENSES	612 GENERAL SUPPORT EXPENSES: 6122 FURNITURE AND ARTWORKS EXPENSES 6122 FURNITURE AND ARTWORKS EXPENSES 6120 GENERAL PURPOSE COMPUTERS EXPENSES (Note 1) 700 GENERAL PURPOSE COMPUTERS EXPENSES	CENTRAL OFFICE SMITCHING EXPENSES. MALOS ELECTRONIC EXPENSES DIGITAL ELECTRONIC EXPENSES ELECTRONIC EXPENSES ELECTRONICAL EXPENSES TOTAL CENTRAL OFFICE SMITCHING EXPENSES	6221 OFERATOR SYSTEMS EXPENSES. 6221 RAMIO SYSTEMS EXPENSES. 6221 RAMIO SYSTEMS EXPENSES. 6222 GROUT EQUIPMENT EXPENSES. 257 622 (GROUT EQUIPMENT EXPENSES (Ion 25) 622 (GROUT EQUIPMENT EXPENSES (Ion 25) 623 TOTAL CENTRAL OFFICE TRANSMISSION EXPENSES	INFORMATION ORIGITEM EXPENSES. STATION APPARATUS EVENSES LURGE PROVINTE BRANCH EXCHANGE EXPENSES DIBLIC TELEPHONE TRAINING EQUIPMENT EXPENSES OTHER TERMINAL EQUIPMENT EXPENSES TOTAL INFORMATION ORIGITEM EXPENSES	CABLE AND WIRE FACULTIES EXPENSES. AERIAL CABLE EXPENSES AERIAL CABLE EXPENSES AERIAL CABLE EXPENSES BURDERROUND CABLE EXPENSES SUBMARINE CABLE EXPENSES SUBMARINE CABLE EXPENSES INTRABULIONIO NETWORK CABLE EXPENSES INTRABULIONIO NETWORK CABLE EXPENSES TOTAL CABLE AND WIRE FACULTIES EXPENSES TOTAL CABLE AND WIRE FACULTIES EXPENSES
0	104	2424 86C 2424 6C 2426	2426 462C 2426 442C 2431 2431 2441 2410	2690	6112 6114 6110	6121 6122 6123 6124(Nota 6120	6212 6215 6215 6210	6220 6231 6232 257 232 (non 25 6230	6341 6351 6362 6310	6411 6422 6423 6423 6424 6424 6431 6410 6410
4	1	84 84 02 02 45 02	52 53 53	52 53 50	62 63	68 69 70 77	73 75 77 77 78 778	883 83 85 85 85	90 90 90 93	98 88 88 80 00 1 101 100 100 100 100 100

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I	80	9	0	3		9	1	-	7	×	7		z
		Source:	Input Tab 2	Input Tab 2	F=0-E	Input Tab 2	9.4.1	Input Tab 2		Input Tab 2	×. 7.3	Z - 7 - X	Note 3
			CLEC ADJ.	CLEC ADJ.				CLEC ADJ.		CLEC ADJ.			CLEC ADJ.
No.	Acct	ITEMS	Ohio Dec. 31, 2002 Booked Cost	Transition Benefit Obligation (TBO)	Booked Costs Less TBO	CC/BC	Current	Forward Looking Adjustmt	Total Forward Looking Costs	Cap Cost Factor Applies Only To Investment	Direct and Shared & Common Costs	TOTAL	TOTAL SHARED & COMMON COSTS
107			からなる おおからないのか	の大きなない									
109		PLANT NONSPECIFIC OPERATIONS EXPENSES: PROPERTY HELD FOR FUTURE TELECOM USE EXPENSES	\$0	05	0\$		05		\$0		0\$	05	05
110	6512	PROVISIONING EXPENSES OTHER PROPERTY, PLANT AND EQUIPMENT EXPENSES	H.787	90	Z Z Z		E 787	200	K 787		K 787	K 787	20 80
112	3 6531	POWER EXPENSES	\$12,787	95	\$12,787		\$12,787		\$12,787		\$12,787	\$12,787	\$0
114		NETWORK ADMINISTRATION EXPENSES	\$9,621	319	\$9,621		\$9,621		\$9,621		\$9,621	\$9,621	20
117		PLANT CPERATIONS ADMINISTRATION EXPENSES ENGINEERING EXPENSES	\$48,145	200	\$47,811		\$47,811		\$31,880		£31,880	\$31,880	300
118	9 6530	TOTAL NETWORK OPERATIONS EXPENSES	\$138,393	10000	\$136,090		\$136,090	\$0	\$136,090	0\$	\$136,090	\$136,090	80
120	1 6540	ACCESS EXPENSES	\$70,842	01	\$70,842		\$70,842		\$70,842		\$70,842	\$70,842	20
122	22	DEPRECATION AND AMORTIZATION EXPENSES.											
124	4 6561	DEPRECIATION - TELECOM PLANT IN SERVICE	\$504,172		\$504,172		\$504,172	\$504,172	20				
126		DEPRECIATION - PROP HELD FOR FUTURE TELECOM USE AMORTIZATION EXPENSE - TANGIBLE	K135	A	\$435		\$435	98	\$435		\$435	22	\$24
127	7 6564 8 6565	AMORTIZATION EXPENSE - INTANGIBLE AMORTIZATION EXPENSE - OTHER	\$17,785	STATE OF THE PERSON NAMED IN	\$17,785		\$17,785	\$17,785	03				
129	11	TOTAL DEPRECIATION AND AMORTZATION EXPENSES	\$523,627		\$523,827		\$523,827	7	\$435		\$435	Z	\$24
131	1 690	TOTAL PLANT NONSPECIFIC OPERATIONS EXPENSES	\$737,849	\$2,303	\$735,546		\$735,546	\$523,392	\$212,154		\$212,154	\$212,131	\$24
132	2	MARKETING EXPENSES:	S. Office Street, or other Designation of the last of	Not be a									
134		PRODUCT MANAGEMENT	\$46,511	\$0	\$46,511		\$46,511		\$46,511		\$46,511	8.	\$46,511
136		T	50,794	95	05		\$67,039		80,089		960/94	23	05
137	7 6610	TOTAL MARKETING EXPENSES	\$113,636	\$26	\$113,610		\$113,610	80	\$113,610		\$113,610	8	\$113,610
139		SERVICES EXPENSES.	A Chicago										
140	6621	CALL COMPLETION SERVICES NI MARER SERVICES	\$5,042		\$15,710		K15 710		615,710		\$4,899	\$15,710	05
142		CUSTOMER SERVICES TOTAL SERVICES EXPENSES	\$154,049	\$1,586	\$152.463		\$152,463	05	\$152,463		\$152.463	\$152,463	03 03
144		TOTAL CUSTOMER OPERATIONS EXPENSES	\$288,742		\$266,681		\$285,681	05	\$286,681		\$286,681	\$173,071	\$113,610
146				Sandania de la constanta									
148	6711	EXECUTIVE	\$3,649	05	\$3,648		\$3,648		\$3,648		\$3,648	\$783	\$2,866
150		\Box	13,653	2 2	\$3,653		\$3,653	0\$	13,653		\$3,653	\$784	\$2,869
151		GENERAL AND ADMINISTRATIVE EXPENSES:	TOTAL STREET										
153		ACCOUNTING AND FINANCE EXTERNAL BELATIONS	620 985	610	\$20,994		\$20,994		\$20,994		\$20,994	\$ 503	\$16,491
155	5 6723	HUMAN RESOURCES	\$33,285	6035000	\$33,283		\$33,283		\$33,283		\$33,283	\$7,139	\$26,143
156		INFORMATION MANAGEMENT ***	626,290		\$26,275		\$26,275	05	\$26,275		\$26,275	\$5,636	\$20,639
158		PROCUREMENT	\$1,955	0\$	\$1,955		\$1,955		\$1,955		\$1,955	6175	\$1,536
159	6727	RESEARCH AND DEVELOPMENT OTHER GENERAL AND ADMINISTRATIVE ****	(55.985)	STATE OF THE PARTY OF	\$2,203		\$2,203	80	\$2,203		\$2,203	S1 201	\$1,731
161	Ш	TOTAL GENERAL AND ADMINISTRATIVE EXPENSES	\$96,632	5	\$96,572		\$96,572	0\$	\$96,572		\$96,572	\$20,715	\$75,857
163	3 6790	PROVISION FOR UNCOLLECTIBLE NOTES RECEIVABLE	80	05	\$0		\$0	0\$	03		05	05	05

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-		Source	Input Tab 2	Input Tab 2	F=D-E	Input Tab 2	9.4=H	Input Tab 2	J-H-r	Input Tab 2	X.f=7	N-T-M	Note 3
			CLEC ADJ.	CLEC ADJ.				CLEC ADJ.		CLEC ADJ.			CLEC ADJ.
No.	Acet.	ITEMS	Ohio Dec. 31, 2002 Booked Cost	Transition Benefit Obligation (TBO)	Booked Costs Less TBO	CC/BC	Current	Forward Looking Adjustmi	Total Forward Looking Costs	Cap Cost Factor Applies Only To Investment	Direct and Shared & Common Costs	TOTAL	SHARED & COMMON COSTS
164			CONTRACTOR OF THE PERSON NAMED IN	The second					Ш			1	
165	710	TOTAL CORPORATE OPERATIONS EXPENSES	\$100,285	160	\$100,225		\$100,225	20	\$100,225		\$100,225	\$21,498	\$78,727
166			SPINE LAWRENCE	STATE OF THE PARTY			The state of the s						
157	720	TOTAL OPERATING EXPENSES	\$1,507,515	\$13,795	\$1,493,720		\$1,493,720	\$523,392	\$970,328		\$970,328	\$704,455	\$265,872
168			SELF REPROPER	のなるので									
169		TOTAL OPERATING EXPENSES EXCL DEPR & AMORT	\$983,688	\$13,795	\$969,893		\$969,893	0\$	\$969,893		\$969,893	\$704,044	\$265,849
170		Ad Valorem Tax - (Note 2)									\$108,894	\$108,469	215
171		Transition Benefit Obligation (TBO)									0\$		75
172 4	5301/5302	172 5301/5302 Uncollectible Expense (Accounts 5301 & 5302)									\$61,015	\$0	\$61,015
173													
174		Total Cost								Total Cost		\$2,120,655 \$1,958,769	\$331 794

Note 1. The calculations for the assignment of accounts 2124 and 6124 to Direct and Shared and Common categories and any adjustment to 6724 are displayed on the inputs Tab. Note 2. The calculations for the Valvament as and the assignment to Direct and Shared and Common categories are displayed on The Inputs Tab. Note 3. The calculation for the assignment of accounts 2111 through 2123, accounts 6112 through 6123, and account 6563 to the Shared and Common categories is displayed on the Inputs Tab.

May not add due to rounding to \$000.

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			The second secon										
		Source	ce: Input Tab 2	Input Tab 2	F=0-E	Input Tab 2	9.4.H	Input Tab 2	J=H=1	Input Tab 2	Y. F = 7	N=F-N	Note 3
			CLEC ADJ.	CLEC ADJ.				CLEC ADJ.		CLEC ADJ.			CLEC ADJ.
E.	Acct.	j	Ohio Dec. 31, 2002	Transition Benefit Obligation	Booked Costs Less		Current	Forward	Forward Looking	Cap Cost Factor Applies Only To	Direct and Shared & Common	TOTAL	SHARED &
o N	No.	TENS	Booked Cost	(TBO)	TBO	CC/BC	Cost	Adjustmt	Costs	Investment	Costs	COSTS	COSTS
-	2111	LAND	\$16.774	The second	\$18,774	1 0000	\$16,774		\$16,774	10.40%	\$1,744	\$1,352	\$392
2	2112	MOTOR VEHICLES	150,173	THE PERSON NAMED IN	\$71,054	1 0354	\$73,569		\$73,569		\$11,681	0\$	\$11,681
3	2114	TOOLS AND OTHER WORK EQUIPMENT EXPENSE	\$60,205	Same Same	\$60,205		\$68,658		\$68,658			\$128	\$8,767
4	2121	BUILDINGS	\$585,799	The Parties of the	\$585,799	2 2729	\$1,331,463		\$1,331,463	9.51%	\$12		V)
2	2122	FURNITURE	£2,558	TOWNS AND VALUE OF THE PERSON NAMED IN	\$2,558		\$3,723		\$3,723				\$283
9	2123	OFFICE EQUIPMENT	\$5,579	\$0	\$5,579		\$5,760		\$5,760		\$898		10000
7	2124	GENERAL PURPOSE COMPUTERS (Note:1)	\$66,810	9	\$66,810	0.2717	\$18,152		\$18,152	18.37%	\$3,335		The same
80	2110	TOTAL LAND & SUPPORT ASSETS	\$808,778	205	\$808,778		\$1,518,098	20	\$1,518,098		\$153,587	\$99,831	153,756
00 0		TRIS. CENTRAL DEFICE SWITCHING.	2000										
:	2211	ANALOG ELECTRONIC SWITCHING	\$6 AST	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWIND TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN	\$6.657		0\$	05	\$0		\$0	\$0	\$0
12	2212	DIGITAL ELECTRONIC SMITCHING	\$1.538.841	\$70	\$1 538 771	0.7245	\$1.114.839		\$1 114 839	10.92%	\$121.699	\$121.6	05
13	2210	TOTAL CENTRAL OFFICE SWITCHING	\$1,545,498	Section 1	\$1,545,427		\$1,114,839	\$0	\$1,114,839		\$121,699		\$0
14			SPECIAL PROPERTY.	できたいいのかと			0\$						
15	2220	OPERATOR SYSTEMS	\$18,068	Total Control of	\$18,068	1 1601	\$20,961	S.	\$20,961	13.72%	\$2,875	\$2,875	\$0
16													
11	1534 1536	THIS - CENTRAL OFFICE TRANSMISSION,	63		43	1 0345	5		63				
00	2231 1071	2024 ATC DADIO SYSTEMS OTHER DADIO FACILITIES	C6 A83		\$6.482	1 0245	56 641		\$6.641				
	2231	RADIO SYSTEMS	\$6.489	03			80		\$0	13.72%	\$0	05	SO
	2232	CIRCUIT EQUIPMENT	\$2,019,849	\$965			\$0		\$0			2	
22 2	2232 1570		\$15,947	100 M	\$15,947	1,0164	\$16,209		\$16,209				
23 2	2232 257C	DIGITAL CIRCUIT EQUIPMENT	\$922,798	H36	\$922,362	0.9713	\$895,890		\$895,890	13.06%		\$117,042	\$0
24	2232 3570	24 2232 357C DIGITAL CIRCUIT EQUIPMENT	\$1,010,322	200	\$1,009,894	0.9713	\$980,910		\$980,910			- 1	
2,00	2232 570	TOTAL CENTRAL DEFICE TRANSMISSION	\$2 026 338	SA65	\$2 025 473	1.0179	\$1 971 705	05	\$1 971 705		\$275,703	\$275,703	05
27	200		The same of the same of	2000								1	
28		TPIS - INFORMATION ORIG/TERM:	大学 大学 大学	ないまとうな									
53	2311	STATION APPARATUS	2	September 1	80	r	80		20	%00.0	0\$	05	20
30	2321	CUSTOMER PREMISES WIRING	2 3		03		05		05				20
31	2341	DARGE PRIVATE BRANCH EXCHANGES	2 5		00	1 1244	000		000		04		90
33	2362	OTHER TERMINAL FOLIDMENT	\$11.264	The state of	\$11.264	0.9770	\$11.004		\$11.004	24.84%			OS
34	2310	TOTAL INFORMATION ORIGINATION/TERMINATION	\$11,264	0\$	\$11.264		\$11,004	05	\$11,004		\$2,734	\$2,734	05
35			一年 一日 大大大	STATE OF THE PERSON									
36		TPIS - CABLE & WIRE FACILITIES:	からの日本をかり	000000									
37	2411	POLES	136,560	273	\$136,483	2.9942	\$408,657	Access of the last	\$408,657	10.69%	\$43,675	\$43,675	05
38	2421	AERIAL CABLE	1819,450		650 253	* 1001	000 030		650 030	74 646	45 774	40 774	
200	2421 225	-	\$766.097	\$1 340	\$764 757	1 7126	\$1 309 723		\$1 309 723			\$150	05
	2422	+=	\$709,165	校校			05					L	
42	42 2422 85C	-	\$188,010		\$187,795	1,0800	\$202,818		\$202,818	10.09%	\$20,456	\$20,456	05
43	2422 SC		\$521,155	\$375	\$520,780	1.8811	\$979,640	明上の大田田田	\$979,640				
44	2423	22 2423 BURIED CABLE	1960,292	\$693	6111 441	1 1034	50		£123 064	74 166	£13 708	£13 70B	60
45	3477 465	DUNIED CABLE - NOT-ME IACUS	TALA SS	1035	SA4R 15R	1 3471	£1 147 653		C1 140 KK9		2112	ľ	000
2	A STATE OF THE PARTY OF THE PAR								2000				30

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CLECADA,			Source	Input Tab 2	Public 180 Z	20-2	Input Tab 2	D.J.H	Input Tab 2	- H=C	Input Tab 2	X.[=]	Z	Note 3
Column C	I													
No. of the control				CLEC ADJ.	CLEC ADJ.				CLEC ADJ.		CLEC ADJ.			CLEC ADJ.
13.14 13.5 13.5 14.5	20	Acct	TENS	Ohio Dec. 31, 2002 Booked Cost	Transition Benefit Obligation (TBO)	Booked Costs Less TBO	CC/BC	Current	Forward Looking Adjustme	Total Forward Looking Costs	Cap Cost Factor Applies Only To	Shared & Common	TOTAL	SHARED & COMMON
1971 1972	00 0	2424 86C		9		\$0	4.4125	05		\$0	\$600.0		0\$	
1,100, 1,100,		2426	INTRABUILDING NETWORK CABLE	\$99,132	05	0114		0\$		11016			D&	2
An Interface Control of State Control of Stat	52	2426 462C 2426 442C	C INTRABUILDING NETWORK CABLE - NON-METALLIC C INTRABUILDING NETWORK CABLE - METALLIC	\$6.909	V2000 1000	\$6,909		\$7,623		\$161,170		\$18	\$18	33
		2431	AERIAL WIRE	9	The state of	80		\$0		\$0		80		80
Note	2 5	2441	CONDUIT SYSTEMS TOTAL CABLE AND WIRE FACILITIES	63,371,730	\$2,700	\$3,369,030		\$5,849,592		\$5,849,592		\$122,475		\$0
STATE STAT	58 57 58	2690	INTANGBLE ASSETS TOTAL TPIS (BEFORE AMORTIZABLE ASSETS)	\$47,090	05	\$7,825,130		\$10,533,289	\$0	\$47,090		\$9,881	\$1,096,571	\$53,756
11 MATCH	89		PLANT SPECIFIC OPERATIONS:	Section Section 1										
STATE COLUMN NET PROPERTY DEPOKES PROPERTY PROP	19	6113	MENTORK SUPPORT EXPENSES:	EK BAT	5	EC ANT		EK BAT		EK BAT		ec ava		
CONTROL REPORTS EXPENSES CLASS C	23	6114	TOOLS AND OTHER WORK EQUIPMENT EXPENSE TOTAL NETWORK SUPPORT EXPENSES	\$6,495		\$692		\$6,495	100000	\$692		\$692		\$6,496
STATION STAT	65		GENERAL SUPPORT EXPENSES.		A STATE OF THE PARTY OF THE PAR									
CARTING CONTRICT EXPRESS CARTING CONTRICT EX	67	6121	LAND AND BUILDING EXPENSES	\$35,470		\$35,470		\$35,470		\$35,470		\$35,470	\$19.5	\$15,908
Coling Checker, Proposition Control	69	6123	2) OFFICE EQUIPMENT EXPENSES	\$14,358	St. Wall	\$14,358		\$14,358		\$14,358		\$14,358		\$14,358
CENTRAL OFFICE SWITCHING EXPENSES 177 144 16 144	70	6124(Note 6120	GENERAL PURPOSE COMPUTERS EXPENSES (Note 1) TOTAL GENERAL SUPPORT EXPENSES	\$130,119		\$130,119		\$130,119		\$130,119		\$19,758	\$19.5	\$110,557
GRATO MANUAL CENTRAL CENTRE CENTRAL CENTRE CENTRAL CENT	72		CENTRAL DESICE SWITCHING EXPENSES:		10 3 10 HOLES									
STATE CHORACE CONTROL CONT	14	6211	ANALOG ELECTRONIC EXPENSES	\$112				\$772		\$772		\$772	1	05
6272 OFERALOR SYSTEMS EXPENSES 146,190 445,190 445,190 445,190 445,190 445,190 445,190 445,190 451,190 445,190 451,190 445,190 451,190 445,190 451,190 445,190 451,190 445,190 451,190	19	6215	ELECTRO-MECHANICAL EXPENSES	23		***		\$2		\$44.416		\$2		SO
CENTRALOR OFFICE EXPENSES. EXAMENIA PROPRESES. EXAMENIA PROPRESES	77	6210	TOTAL CENTRAL OFFICE SWITCHING EXPENSES	\$46,837	\$1,647	\$45,190		\$45,190		\$45,190		\$45,190	\$45,190	05
CEATION OFFICE TRANSMISSION EXPENSES. \$400	0	6220	OPERATOR SYSTEMS EXPENSES	10	9	\$25		\$2		\$2		\$2	25	S
6227 CRUIT EQUIPMENT EXPENSES 5400	81		CENTRAL OFFICE TRANSMISSION EXPENSES;		Section 1									
531 FOR COLTITE COLIPONENT EVENESS (Nov. 257) \$17.0 ST (200 MENT) \$23.284 <t< td=""><td>83</td><td>6232 257</td><td>RADIO SYSTEMS EXPENSES CIRCUIT EQUIPMENT EXPENSES - 257</td><td>56 315</td><td></td><td>\$6.047</td><td></td><td>\$6.047</td><td>The same</td><td>\$8047</td><td></td><td>\$80</td><td>1</td><td>9</td></t<>	83	6232 257	RADIO SYSTEMS EXPENSES CIRCUIT EQUIPMENT EXPENSES - 257	56 315		\$6.047		\$6.047	The same	\$8047		\$80	1	9
STATE TOTAL CENTER EXPENSES STATE STAT	842	32 (non 25	5 CIRCUIT EQUIPMENT EXPENSES (non 257)	\$25,057		\$24,284		\$24,284		\$24,284		\$24,284	П	os
National California	98	0570	TOTAL CENTRAL OFFICE INANSMISSION EXPENSES	831,436		330,411		130,611		\$30,411		114.054		D.
631 LARGE PRIVATE BRANCH EXCHANGE EXPENSES \$6 \$5 \$6 \$5 \$6 <td>88</td> <td>6311</td> <td>INFORMATION ORIGITERM EXPENSES: STATION APPARATUS EXPENSES</td> <td>95</td> <td>98</td> <td>80</td> <td></td> <td>05</td> <td></td> <td>80</td> <td></td> <td>80</td> <td></td> <td></td>	88	6311	INFORMATION ORIGITERM EXPENSES: STATION APPARATUS EXPENSES	95	98	80		05		80		80		
State Color of the property State Stat	88	6341	LARGE PRIVATE BRANCH EXCHANGE EXPENSES	9	03	05		05		05		0\$	И	
CABLE AND WIRE FACULITIES EXPENSES \$1,000	2 5	6362	OTHER TERMINAL EQUIPMENT EXPENSES	991'6\$	1	\$8,981		\$8.981		\$8,981		\$8,981		
CABLE AND WRE FACULITIES EXPENSES. \$3,778 \$3,730 \$3,	92	6310	TOTAL INFORMATION ORIGITERM EXPENSES	\$9,360		\$8,981		\$8,981		\$8,981		\$8,981		
6421 AERAL CARE EXPENSES \$7,000 \$1,000	3 8		CABLE AND WIRE FACILITIES EXPENSES:	1000	Section 1	63.770		63 776		64 440		20.000		
6422 UNDGEGROUND CABLE EXPENSES \$20,198 \$20,1123 \$19,371 \$11,23 \$11,23 \$11,23 \$21,123 </td <td>96</td> <td>6421</td> <td>AERIAL CABLE EXPENSES</td> <td>\$75,390</td> <td>Name of</td> <td>\$72,015</td> <td></td> <td>\$72,015</td> <td>1</td> <td>\$72,015</td> <td></td> <td>\$72,015</td> <td></td> <td>05</td>	96	6421	AERIAL CABLE EXPENSES	\$75,390	Name of	\$72,015		\$72,015	1	\$72,015		\$72,015		05
6424 SUBMARINE CABLE EXPENSES 50 60 50 60 50 80 50 60 50 60 80 <th< td=""><td>16</td><td>6422</td><td>UNDERGROUND CABLE EXPENSES</td><td>620,198</td><td></td><td>\$19,371</td><td></td><td>\$19,371</td><td>The second</td><td>\$19.371</td><td></td><td>\$19,371</td><td></td><td>05</td></th<>	16	6422	UNDERGROUND CABLE EXPENSES	620,198		\$19,371		\$19,371	The second	\$19.371		\$19,371		05
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	20 20	6441	CONDUIT SYSTEMS EXPENSES TOTAL CABLE AND WIRE FACILITIES EXPENSES	\$156,368		\$150,070		\$2,053		\$150,070		\$2,053	-	03 03
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		Source	Input Tab 2	Input Tab 2	F=0-E	Input Tab 2	9.4=H	Input Tab 2	J=H+1	Input Tab 2	Y. F. 7	M=L.N	Note 3
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No.	Acct.	SMELL	Ohlo Dec. 31, 2002 Booked Cost	Transition Benefit Obligation (TBO)	Booked Costs Less TBO	CC/BC	Cost	Forward Looking Adjustmt	Forward Looking Costs	Cap Cost Factor Applies Only To Investment	Direct and Shared & Common Costs	TOTAL DIRECT COSTS	SHARED & COMMON COSTS
164			September 1	Contract Street	200 0000		200 000		4000 0000		900 000		
165	210	TOTAL CORPORATE OPERATIONS EXPENSES	\$100,285	100	\$100,225		\$100,225	06	\$100,223		\$100,225	\$41,496	3/9/4
166	720	TOTAL OPERATING EXPENSES	\$1.507,515	\$13,795	\$1.493.720		\$1.493.720	-\$523.392	\$970.328		\$970,328	\$660,504	\$309.824
168			大学の一日の一日の一日の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本	1000000									
169		TOTAL OPERATING EXPENSES EXCL DEPR. & AMORT	\$383,688	\$13,795	\$969,893		\$969,893	\$0	\$969,893		\$969,893	\$660,504	\$309,389
170		Ad Valorem Tax - (Note 2)									\$108,894	\$103,805	\$5,08
171		Transition Benefit Obligation (TBO)									\$0	\$0	S
172	5301/530	32 Uncollectible Expense (Accounts 5301 & 5302)									\$61,015		\$61,015
173		173											
174		Total Cost								Total Cost	\$2 120 655	\$2 120 655 \$1 860 880	\$429 684

Note 1. The calculations for the assignment of accounts 2124 and 6124 to Direct and Shared and Common calegories and any adjustment to 6724 are displayed on the inputs Tab. Note 2. The calculations for the Advisorm Tax and the assignment to Direct and Shared and Common calegories are displayed on The inputs Tab. Note 3. The calculation for the assignment of accounts 2111 through 2123, accounts 6112 through 6123, and account 6563 to the Shared and Common calegories is displayed on the inputs Tab.

May not add due to rounding to \$000

SBC Ohio Inc.
Case No. 02-1280-TP-UNC
AT&T 3rd Set
Attachment to Response to DR MS-57
SBC Ohio's Schedule of Pension Settlement Gains/(Losses)

					IN THOU	HOUSANDS					
	1994	1995	1996	1997	1998	1999		2001	2002	2003	AVERAGE
Pension settlement gains	81,839	154,201	7,580	3,934	3,567	128,624	132,406	99,108			
Pension settlement losses	(46,852)					(7,879)			(48)		
Net Pension Settlement Gains/ (Losses)	34,987	154,201	7,580	3,934	3,567	120,745	80,693	99,108	(48)		50,477

CONFIDENTIAL

SBC Ohio MS-52 Period 1998 through 2003

Product	Account	1998	1999	2000	2001	2002	2003
	5001.113/.114/.13/.23, 5040.523/.553, 5061.5, 5063.11/.31, 5064.2717/.311/.312/.332, 5240.71/.72/.73/.76/.999						
Unbundled Loops (UNE)	5260.111/.114/.115/.19/.8	3,012,466	6,126,276	10,837,275	32,330,729	72,800,791	116,513,70
	5001 112 5040 523/553, 5081 5, 5082 711; 5083 11/31; 5084 222/2421/2422/2722/331/332.						
	5240 71/72/75/76/999, 5264 511/599,						
Unbundled Ports (UNE)	5280.99/.999 5082.721, 5083.117.31,	-	-	τ.	630,437	17,396,455	30,701,109
	5064 2721/ 2722/ 311/ 312/ 331/ 332		0.00	1000000			
Collocation /. Interconnection	5240 71/ 999, 5280 8 5001 11/ 11W 12W 23 5003 12, 5060 112/41,	9,235,273	25,207,884	34,883,034	51,193,038	37,467,116	25,991,190
	50815, 50815, 60721/1411/4211 4241 6111 6211 711/1714/71 60721/726/81/991, 5083, 11/31, 5064-221/222/2411/2421/2422/2424/2611/ 2612/2621/2421/2711/27714/2716/271 77.721/2722/2724/291/2991/2991/2993/33 11/332, 5240 71/727/37, 78, 5263 1996						
Switched Access	5264.11/.19/.511/.512/.599	184,507,498	150,551,569	121,034,444	91,076,935	75,958,281	69,321,359
Special Assess Transport - Analog & Poles	500 111, 110, 296 31, 20, 22, 2503, 10, 12, 500, 111, 13, 506 31, 521, 552, 559, 506, 111, 112, 506, 11, 11, 12, 506, 11, 11, 12, 506, 11, 11, 12, 506, 11, 11, 12, 12, 13, 13, 13, 13, 13, 13, 13, 13, 13, 13	12,888,321	12,289,901		6,177,849		
Special Access/.Transport - Analog & misc.	5001 11/ 112 5040 552/ 55W 59, 5060 111.	12,888,321	12,289,901	8,509,039	6,177,849	4,630,682	4,020,478
Special Access/.Transport - Digital	5061 9, 5082 411/711/ 721/991, 5083 11/ 12/21/31/32, 5084 19/241/271/2722/291/311/ 312/32 1/331/332, 5125, 51/32, 5240 73, 5264 599, 5280, 111/114/115/19/21/	139,672,219	181,618,359	210,588,691	255,449,276	282,236,451	272,851,910
Special Assessi Transport - SOMET	5083.11/.31, 5084.2721/.2991/.311/.331, 5280.111/.8	7,814,843	17,971,920	30,864,694	45,160,761	52,289,061	61 537 704
Special Access/.Transport - SONET UNE Combinations	5083.11, 5084.2425/331, 5240.72/73, 5280.8	169,336	330,902	679,618	1,407,314	6,515,722	51,537,784 15,574,921
ONE COMBINATIONS	5001 111, 5060 111/ 113, 5081 1/3	109,330	330,302	079,010	1,407,514	0,313,722	13,374,921
B. W	5100 19/59 5261 5, 5264 595. 5270 1/4/5/6/9	27 000 047	20 242 424	20.042.000	22 000 100	20.002.00	
Billing Services	5001 111/ 11W 12W 13/ 31/ 33	27,988,947	28,243,474	28,043,990	23,998,100	20,887,191	17,556,807
	5010 11/31/51, 5050 11, 5060 313, 5081 1/9.	02.20	25.5.2	20.00	100,000	7554	100000
Pay Telephone Services	5261.5, 5280.2999	37,740	40,412	29,104	(131,275)	15,352	(255,189
Wireless	5060.11/13. 5040.51. 5060.11/1.113/.12/.41/.92/.932/.99. 5061.1/.6. 5062.42/1.424/.71/.722/.726/.991. 5083.11/.31. 5064.22/1.222/.2412/.2422/.2612/.2716/.2721/. 2722/.2991/.311/.322/.331/.332.5240.76. 5061.5. 5264.11/.19/.511/.512/.599.5270.5/.9. 5280.8	12,645,723	8,548,222	10,089,916	16,975,561	20,215,354	19,083,479
		1810.1011.80	010.101000	1010001010		29/2 (0)00 (70,000,110
Rosale	5001 111(119) 129(1) 271229(2) 427 342 542 9, 5002 11/21, 5010 9, 5040 5 V 52 V 551 562, 5060 111(112) 113 112/2112 12/21 32 22 41/, 51/52/92/99 5061 1/2/42/59 9, 5063 12/32, 5084 103 31 V 4, 5100 51/15/12/52 542, 5111 5, 5122 5, 5125 51, 5230 11, 5240 72, 5262 192, 5264 19, 5260 114(115/12) 122/291/2991/2992/299 4/32/35/49/52/6	39,896,486	36,915,781	38,693,329	32,636,717	18,263,130	8,473,689
	5004.13, 5010.53, 5040.51/.521						
	5060,111/113/41/933,5061.1/5/9,	11 717 700	11 617 770	4 276 476	2 404 557	826.107	101 101
Ameritech Centrex Service	5100.511/.512. 5230.11, 5280.2999/.32 5001.11/.111/.121/.13/.21.	11,712,200	11,617,279	4,276,476	2,184,863	836,107	484,106
Ameritech ISDN Direct/.Prime	5060 111/ 113/ 211/ 41, 5081 1/ 2/ 5/ 5/ 5082 411/ 711/ 721, 5083 11/ 31, 5084 2711/ 2721/ 311/ 331, 5125.51, 5261.5	2.805,727	5,099,585	739,114	713,686	258,914	388,483
Amenidan japa bireco.Frime		Electricity.	0,000,000		. 10,000	200,214	300,700
End Office Integration	5001.1131.128.5003.12. 5002.21/2421/611/1711/991, 5063.11. 5004.231/2421/2422/2611/2612/2621/2622/ 2711/2712/2991/2992/2993/331, 5240.71/22/23/32/32/99/3022/811751/ 5060.12/22/33/32/98-5062/811751.	1,308,065	3,334,104	5,014,010	7,024,012	8,148,453	6,980,654
Information/.Directory Assistance	5084 2611/ 2612/ 2721	7,783,943	6,033,755		(2)		
	5001 111/ 13/21/23/42/9, 5003 13. 5010 33/53, 5060 113/213/52, 5061 42/9/91, 5082 931, 5100 542, 5261,5, 5270 1/5.						100.1
Presubscription-Account Maintenance	5260 293/ 52	6,178,285	10,782,604	(95,437)	267,841	62,648	468,577
Primary Interexchange Carrier Charge	5001 1290, 5081.9 5082.217.421, 5083.11 5084.19/.2217.222, 5264.5117.599	47,245,608	61,412,960	50,770,769	19,111,117	4,614,288	(480
Various Miscellaneous Products		89,113,547	79,052,531	64,513,630	24,323,206	(315,100)	6,897,851
Total Wholesale Revenue		604,016,225	645,177,519	619,471,697	610,530,165	622,280,895	646,590,435
UNE REVENUE	1 1	12,417,075	31,665,063	46,399,928	85,561,518	134,180,083	188,780,927
UNE Revenue As A Percentage of Total Whole	sale Revenue	2.06%	4.91%	7.49%	14.01%	21.56%	29.20%

SBC Ohio Analysis of Wholesale Revenue, Bad Debt Expense and Actual Write-Offs Period 1996 through 2003

	STATE OF	57 tr. 1		AMOUNTS	IN THOUSAL	SON	ALCOHOL: N	Contract of the last
							AVERAGE	AGE
	1998	1999	2000	2001	2002	2003	(1998 - 2003)	(2000 - 2003)
Line 1 Wholesale revenue 184	486,236	566,572	617,028	647,424	671,037	681,460		
Wholesale Bad debt write off in 1181 2	776	568	1,519	13,029	18,129	10,642		
Line 3 Wholesale Bad debt exp. in 5300 2	4,912	1,174	2,394	14,491	6,966	2,840	5,463	6,673

Per SBC's response to AT&T's 3rd Set of Data Requests, MS-61.

Per Direct Testimony of Timothy Dominak, p. 18.

Adjusted to remove Bad Debt Expense related to WorldCom bankruptcy per Direct Testimony of Timothy Dominak, p. 18.

Per SBC's response to AT&T's 12th Set of Data Requests, MS-84.

	A B	C	D	E	F	G
1				4	Binder Tab	3B
2		SBC	Communic	ations		
3			t System PC			
			Results	version 1.0		
4			Results			
5						
6		Ohio		Cost of Capital		7.53%
7				Composite Tax	Rate:	35.00%
8		2002		Debt Ratio:		32.84%
-		2002				
9				Annual Interest	Rate:	4.15%
11	Account		Book	Cost of	Income Tax	Total Capita
12	Number	Account Name	Depreciation	Money	Expense	Costs
13	Number	Account Name	Depreciation		Expense	Costs
14	2111	Total Land	0.0%	7.2%	3.2%	10.4%
5	2112	Total Motor Vehicles	10.8%	3.6%	1.6%	15.9%
6	2114	Tools and Other Work Equipment	8.3%	3.2%	1.4%	13.0%
7	2121.1	Buildings - Administrative	2.1%	5.2%	2.3%	9.5%
8	2121.2	Buildings - Network	2.1%	5.2%	2.3%	9.5%
9	2121.3	Buildings - Network Support	2.1%	5.2%	2.3%	9.5%
20	2122	Furniture	4.1%	3.6%	1.6%	9.3%
1	2123.1	Office Equipment - Office Support	10.0%	3.2%	1.4%	14.6%
22	2123.2	Office Equipment - Office Communication	14.3%	3.3%	1.5%	19.0%
23	2124	General Purpose Computers	13.4%	3.4%	1.5%	18.4%
24	2212	Digital Electronic Switching	6.3%	3.2%	1.4%	10.9%
25	2220	Operator Systems	9.1%	3.2%	1.4%	13.7%
26	2231	Radio Systems	11.3%	3.2%	1.4%	15.9%
27	2232.157	Circuit Equipment - DDS	14.3%	3.3%	1.5%	19.0%
28	2232.257	Circuit Equipment - Digital Loop Electronic	8.5%	3.2%	1.4%	13.1%
29	2232.357	Circuit Equipment - Digital Other	8.5%	3.2%	1.4%	13.1%
30	2232.57	Circuit Equipment - Analog	33.3%	3.3%	1.4%	38.1%
31	2351	Public Telephone Terminal	9.1%	3.4%	1.5%	14.0%
32	2362	Other Terminal Equipment	19.8%	3.5%	1.5%	24.8%
13	2411	Poles	6.8%	2.7%	1.2%	10.7%
34	2421.22	Aerial Cable - Metallic	6.3%	3.7%	1.6%	11.5%
35	2421.822	Aerial Cable Non - Non-Metallic	6.3%	3.7%	1.6%	11.5%
36	2422.5	Underground Cable - Metallic	4.4%	4.0%	1.8%	10.1%
37	2422.85	Underground Cable - Non-Metallic	3.7%	4.0%	1.7%	9.4%
38	2423.45	Buried Cable Exchange Metallic	5.5%	3.9%	1.7%	11.1%
39	2423.845	Buried Cable Non-Metallic	4.4%	4.0%	1.7%	10.1%
40	2426.442	Intrabuilding Cable - Metallic	5.8%	3.8%	1.7%	11.3%
41	2426.462	Intrabuilding Cable - Non-Metallic	5.8%	3.8%	1.7%	11.3%
42	2441	Conduit System	2.1%	4.4%	1.9%	8.4%
43	2690	Intangible Assets	16.7%	3.0%	1.3%	21.0%

\$7,949,600,907 1.353964097

Current Cost to Book Cost Ratio Ohio 2002

Account	Description	Current Cost	Book Cost	CC/BC Ratio
2111	Land	(1946 - 2002)	(1946 - 2002)	1.0000
2112	Motor Vehicles	\$88,541,411		1.0354
			\$85,516,393	1000000
2114	Other Work Equipment	\$74,115,165	\$64,989,094	
2121	Buildings	\$1,401,770,808	\$616,732,181	2.2729
2122	Furniture	\$3,531,041	\$2,425,819	
2123.1	Office Support	\$5,511,345	\$5,322,224	
2123.2	Office Communication Equipment	\$1,117,836	\$1,094,556	
2124	General Purpose Computers	\$13,887,336	\$51,104,492	0.2717
2212	Digital Electronic Systems	\$1,147,729,897	\$1,584,259,615	0.7245
2220	Operator Systems	\$21,912,985	\$18,889,514	1.1601
2231	Radio Systems - Microwave	\$5,885,809	\$5,745,243	1.0245
2232.157	Digital Data Systems	\$19,833,945	\$19,514,163	1.0164
2232.257	Digital Circuit Equipment	\$1,913,944,871	\$1,970,429,549	
2232.57	Analog Circuit Equipment	\$69,504,086	\$68,280,943	
2351	Public Telephone Terminal	\$37,083,921	\$32,982,147	1.1244
2362	Other Terminal Equipment	\$11,029,496	\$11,289,037	0.9770
2411	Poles	\$412,650,409	\$137,814,878	2.9942
2421.22	Aerial Cable Metallic	\$1,443,703,627	\$842,979,561	1.7126
2422.5	Underground Cable Metallic	\$976,945,842	\$519,344,328	1.8811
2422.85	Underground Cable Non-Metallic	\$208,121,217	\$192,700,945	1.0800
2423.45	Buried Cable Metallic	\$1,164,911,974	\$864,762,122	1.3471
2423.845	Buried Cable Non-Metallic	\$124,495,278	\$112,832,345	1.1034
2424	Submarine Cable	\$1,751,893	\$397,027	4.4125
2426.442	Intrabuilding Network Cable Metallic	\$169,127,659	\$96,778,900	1.7476
2441	Conduits	\$1,446,366,361	\$643,415,831	2.2479
2690	Intangible Assets	12 - 1 - 1 - 1 - 1		1.0000

COMPOSITE CC / BC RATIO

Developed by SBC Cost Analysis Group based on Telephone Plant Index published by A. C. Turner and

Investment Vintage Data provided by SBC Finance Operations Group.

\$10,763,474,213

State Des 1821/2004

FCC Report 43-03, the ARMIS Joint Cost Report Table I. Regulated/Nonregulated Data

2001	80.55%	0.00%	82.50%	2000	75.65%	78.01%	86.71%	87 13%	100 DO %	88.62%	%C5 88	95,35%	100 003		0.00%	N.00 0	X-00 0	12 29%	22.09%	700 007	100 00 P	1,00 001	0.00%	200 00 k	0 00%	200 001	X000	100.00%	700.001	N 86 56	200.00	74.84%	97 51%	277	2,00 00t	N 34.5	0.00%	90.73%	M 72%	NO 100	20.00	53.44%	200	×00.00	78.66%	NO 62%	78.02%	1	90 10%	100 001	200 001	0.00%	0.00%
REGULATED 9	86.17%	0.00%	2000	200	86.67%	86.00%	90.63%	90 62%	100.00%	84.87%	39.97%	100,00%	100 001	100.001	2000	7.00 o	N-00'0	34.89%	27.60%	100.00%	100.007	100 00%	0.00%	100.00%	0.00%	100 000	0000	\$3.33%	80 23%	NS8 86	50 M	74.21%	95.13%	84 67%	100 00%	SE1.3%	0.00%	83.58%	81 23%	20 13%	83.81%	85.71%	23.81%	100,000	NS8 53	84.07%	NCC 18		0.00%	100.00%	5.00°C	7.00 a	2000
Total Nonregulated	2,628	0	138	3.407	280	1.834	9.491	15,112	0	18	8	2	01	100	10.419	0	2,054	18,709	31,162	a la	5 6	0	0	0	0	0 0	5 15	-112	-412	2	+	9.481	742	22 560	G.	4,965	O	43	248	5,280	10,706	613	11.619	0.00	34 536	35,600	25,012		148 219	0	0	0	8
Nonregulated 1	108	ō	77.0	2 800	2	2338	8.244	13,464	0	13	13	0	5	-	5 407	٥	1,780	17,404	24,571	8	5 6	0	0	0	0	8	oto	342	342	9	1	12,341	1,650	17 689	40	4436	ō	R	1.00	4.612	18.397	873	18.270	200	20.450	33 182	25,087		130 100	0	0	0	8
Regulated	4,034	ō	1,702	42 630	870	6.859	61,927	102,285	1,214	50,952	52,166	41	114	30,723	0	0	a	8.842	8.842	6413	18,472	57 848	0	2271	0	1 845	0	4.518	4.516	11.520	10,027	28,357	20 049	113 687	75,427	466.472	G .	421	1 324	476.494	98,192	1,584	97,776	4,311	127 322	148,096	88,780		1 371 167	1,030	7.2	ō	0
Regulated	5,803	0	289	26, 480	\$33	14,358	79,758	130,118	774	46,063	46,837	N	90	31.371	0	0	0	8,366	9.366	3,778	20.100	53.219	0	1,730	8	2.053	0	4 787	4.787	12.788	9.622	35,511	101.01	136 386	70,849	504,172	0	435	1436	523 827	95,239	5,236	100,477	2000	154 048	175 106	172,900		1 506 978	181	0	0	
Total	6.662	0	1.840	36,036	1.150	8,793	71,418	117,397	1,214	51,148	52,362	43	114	8,75	10.410	0	2.054	17,551	40,024	6,413	10,474	57 848	0	2271	0	1,845	100,404	4 404	4.404	11.522	10,028	37,836	20 701	136.247	75.427	471,457	0	464	1 677	481.774	106,898	2.497	109,395	4,311	161.858	183.696	113,792		0 000	1,000	72	0	
Total	6,734	0	7 400	200 000	615	16,656	86,002	143,582	174	46,078	46,850	R	90	31,372	5.407	8	1,760	28,770	33,937	3,778	20.00	\$1218	0	1,730	0	2,053	000000	5 120	5.129	12,794	9,623	47,852	23 500	156 OBA	70,841	508,608	O	465	1 573	528.439	113,636	6.111	119.747	2,042	183 505	206.288	197,987		1 706 174		0	0	
See Tale	6112 Motor Vehicles Expense	6113 Aircraft Expense	6114 Tools and other work equipment Expense	ned And Building Expenses	Furnitine And Artwork Expense	Office Equipment Expense	6124 Gen Purpose Computers Expense	General Support Expenses	Non-digital Switching Expense	6212 Digital Electronic Switching Expense	Central Office Switching Expense	Operator Systems Expenses	Radio Systems Expense	Circuit Equipment Expense	Station Armaratia Fundame	6.W1 Large Private Branch Exchange Expense	6351 Public Tel Terminal Equipment Expensa	Other Terminal Equipment Expense	Information OrT Expenses	6411 Poies Expense	Aerial Cable Expense	Buried Cable Experts	Submanne and Deep Sea Cable Expense	Intrabuilding Network Cable Expense	Aerial Wire Expense	Conduit Systems Expense	PAFTU Farance	Provisorine Expense	Other PP&E Expenses	Power Expense	Network Administration Expense	5533 Testing Expense	Franciscon Administration Expense	Network Operations Expenses	Access 6	Depreciation-TPIS ergentie	Depreciation-PHFTU expense	Amortization-tangible expense	Amortization-other expenses	Deprecution/Amortization Expenses	Product Management and Sales Expense	Product Advertising Expense	Marketing Expense		Cuttomer Services expense	10	10	Provision for Uncollectible Note	5790 Receivable 720 Total Overaling Emerses	7110 Income Custom Work (1990 - 2002)	Return Normagulated Use (1990 - 2002)	Garnfosses Foreign (1990 - 2002)	Gainfoases from Land/Artwork (1990 -
	6112	6113	6114	8424	6122	6123	6124	6120	6211	8212	6210	6220	6231	6212	K311	6.W1	6351	6362	8310	6411	BA21	6423	6424	紀29	6431	6441	8811	6612	6510	6531	8532	6533	85.34	OXYS	6540	1969	6562	6563	ANAKA	0999	6611	6613	6610	1799	5K23	6620	6720	1	730	7110	7130	7140	7150
Company	Othio Bell	4303 Ohio Bell	Ohio Bell	Onto Bell	4303 Ono Bell	Ohio Bell	Ohio Bell	Ohio Bell	Ohio Bell	Ohio Bell	Onic Bell	Ohio Bell	Ohio Bell	Ohio Bell	CATALONIC Bell	C303 Ohio Bell	Onio Bell	4303 Onio Bell	(303) Ohio Belt	C303 Onio Bell	One Bell	Otto Reft	Othio Bell	Ohio Bell	Othic Bell	Onto Bell	Other Red	Other Red	203 Orio Beil	Othic Bell	Othio Bell	303 Onio Bell	Ohio Bell	Onio Ref	Onio Bell	CXCI Ono Bell	303 Ono Bett	303 Ohio Bell	4 303 One Ber	C303 Ohio Bell	COCO Ohio Bell	C303 Ohio Bell	C303 Ohio Beil	CIONO Della Bell	CATALONIO Bell	CKTSI Ohio Bell	Onio Bell		4303 Onio Bell	Ono Bell	4303 Ono Bell	Ohio Beti	Address See
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Date for Des digitions

FCC Report 43-03, the ARMIS Joint Cost Report Table I. Regulated/Nonregulated Data

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BEFORE THE

PUBLIC UTILITY COMMISSION OF OHIO

In the matter of the Review of SBC Ohio's)	
TELRIC Costs for Unbundled Network)	Case No. 02-1280-TP-UNC
Elements)	
)	

TESTIMONY OF

MICHAEL STARKEY

EXHIBIT ___ (MS-4A)

Shared & Common Cost Recalculation: Step-by-Step Description

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JOINT CLECS COMMON AND SHARED COST RECALCULATION Step-by-Step Description

Because of the complexities required in ensuring that all revisions are incorporated sensibly, the order in which each revision is made has been critically reviewed. Hence, each revision may be described in this document in a different order than which it was described in the testimony. Activities below are listed in the order in which they were incorporated into the recalculated analysis.

To ensure that all recommended changes flow through SBC's Shared and Common cost algorithms correctly, each Adjustment Number has separate $Tab\ 2$ – $Inputs\$ and $Tab\ 3$ – $Calculations\$ pages to better isolate the cumulative impact of each adjustment and to facilitate independent review of these calculations. For example, **Joint CLECs Adjustment** 1 (changing SBC's denominator to embedded cost brought to current value) will be supported by $Tab\ 2$ – $Inputs\ (CLEC\ #1)$ and $Tab\ 3$ – $Calculations\ (CLEC\ #1)$. Since this is the first of the 10 adjustments made to SBC's Shared and Common cost study, these sheets reflect the impact of that single adjustment. **Joint CLECs Adjustment** 2 changes the direct cost denominator to embedded cost brought to current value + the impact of The Joint CLECs' recommended cost of capital and depreciation. These changes are reflected on $Tab\ 2$ – $Inputs\ (CLEC\ #2)$ and $Tab\ 3$ – $Calculations\ (CLEC\ #2)$.

Each subsequent adjustment is reflected on new support tabs inclusive of all prior adjustments with the exception of a few adjustments that could be made directly on the results page of the cost study without being run through SBC's algorithm from the bottom up.

SBC's original inputs and calculations are contained in Tab 2 - Inputs (SBC) and Tab 3 - Calculations (SBC).

Tab 1 – Results compares SBC's proposed Shared and Common cost factors with the cumulative impact of all 10 adjustments recommended by the Joint CLECs. The Shared and Common cost factors displayed under **Joint CLECs Adjustment 10** are my recommended factors.

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The following matrix summarizes the sheets (tabs) that support each adjustment.

Joint CLECs Adjustment #	Tab 2 – Inputs (XX)	Tab 3 – Calculations (XX)	Tab 1 – Results or Other
1	Tab 2 – Inputs (CLEC #1)	Tab 3 Calculations (CLEC #1)	N/A
2	Tab 2 – Inputs (CLEC #2)	Tab 3 Calculations (CLEC #2)	Capital Cost Factors
3	Tab 2 – Inputs (CLEC #3)	Tab 3 Calculations (CLEC #3)	Net Pension Settlement Gains
4	N/A	Tab 3 Calculations (CLEC #4)	Tab 1 - Results
5	Tab 2 – Inputs (CLEC #5)	Tab 3 Calculations (CLEC #5)	Tab 1 – Results, Wholesale Revenue By Service
6	N/A	N/A	Tab I – Results, Wholesale Revenue By Service, Average Uncollectibles
7	N/A	N/A	Tab 1 – Results, Wholesale Revenue By Service
8	Tab 2 – Inputs (CLEC #8)	Tab 3 Calculations (CLEC #8)	ARMIS 43-03
9	Tab 2 – Inputs (CLEC #9)	Tab 3 Calculations (CLEC #9)	Ohio CC-BC Ratios
10	Tab 2 – Inputs (CLEC #10)	Tab 3 Calculations (CLEC #10)	Exhibit MS-10 (Ohio Only SAF).xls

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II. SHARED AND COMMON COSTS

IIA. COMMON COSTS (CRITIQUE OF SBC'S ANALYSIS)

IIA (i). Mismatch of Embedded and Forward Looking Data

REVISION REQUIRED

The Joint CLECs replaced SBC's "forward looking direct cost" denominator with a denominator based on embedded direct cost brought to current cost.

RECALCULATION SPECIFICS

ADJUSTMENT 1

In **Adjustment 1** (column G) of the Joint CLECs' Recommended Adjustment section within SBC's Shared and Common cost study, Exhibit MS-4 (S&C).xls), Tab 1-Results, I used SBC's methodology of calculating its direct cost denominator and made a fundamental adjustment. I made a copy of worksheet Tab 3 - Calculations and called it Tab 3 - Calculations (CLEC #1) to make my adjustment to SBC's common cost denominator. The Joint CLECs removed SBC's adjustments in column I, Forward Looking Adjustmt, for all plant investment and operating expense accounts except for SBC's adjustments to remove book depreciation expense.

The Joint CLECs retained SBC's adjustment to remove book depreciation because capital cost factors produced by CAPCS include a depreciation component. The resulting direct costs in column M on *Tab 3 - Calculations (CLEC #1)* were then pulled into *Tab 1 - Results*, cells G36 and G37.

Adjustment 1 also contains modified values for Ad Valorem tax expense included in both the numerator (common costs) and the denominator (direct costs). This modification is a byproduct of using book plant investment brought to current value rather than SBC's adjusted investment. The Ad Valorem tax calculations on Tab 2 - Inputs (CLEC#1), cells I151 through I162 rely upon Total Plant In Service ("TPIS") values from Tab 3 - Calculations (CLEC#1). Because the Joint CLECs' calculation of TPIS is greater than SBC's, it results in an increased amount of Ad Valorem tax expense in the common cost calculation. The Joint CLECs' adjusted Ad Valorem tax expense is contained in cells G29 and G39 on Tab 1 - Results.

Removing SBC's "forward-looking" adjustments results in a denominator (direct cost on row 43 of $Tab\ 1 - Results$) that is 25.3% larger than SBC's which causes the common cost factor to decline by 20.2%.

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ADJUSTMENT 2

Adjustment 2 (column H) takes the changes made in Adjustment 1 a step further. It replaces SBC capital cost factors on Tab 2 – Inputs, column G with Ms. Terry Murray's and Mr. Mike Majoros' recommended capital cost factors. These are then applied to investment in Tab 3 - Calculations (CLEC#2), column K. Ms. Murray's and Mr. Majoros' recommended capital cost factors are smaller than SBC's proposed factors due to a lower cost of capital and longer depreciation lives. The application of smaller capital cost factors produces a smaller amount of direct costs for the denominator. Since the denominator declines, the common cost factor increases. The denominator decreases by 4.7% from SBC's proposed denominator after applying adjusted capital cost factors. Therefore, using Ms. Murray's and Mr. Majoros' recommended capital cost factors mitigate the impact of removing SBC's "forward-looking" adjustments.

IIA (iv). TBO/Net Pension Settlement Gains/OSS Testing Expense/Disallowable Cost Adjustments

REVISION REQUIRED

The Joint CLECs removed TBO expenses attributable to common costs, adjusted Account 6728 (Other General and Administrative) to recognize the average net credits recorded by SBC for pension settlement gains based on a review of historical data, removed OSS testing expense from Account 6728, and removed Tier 1 Remedy payments and UNE-P advertising expenses as unwarranted and disallowable costs.

RECALCULATION SPECIFICS

In **Adjustment 3** (column I), Joint CLECs removed the **[BEGIN CONFIDENTIAL**** \$19,210,000 ** END CONFIDENTIAL] line item "Transitional Benefit Obligation" from SBC's analysis. This adjustment was made by zeroing out the total TBO expense on Tab 2 – Inputs (CLEC #3), cell F118.

Likewise, the Joint CLECs adjusted Account 6728 (Other General and Administrative) by adding back the average pension settlement gain credit of [BEGIN CONFIDENTIAL ** \$50,477,000 ** END CONFIDENTIAL] from 1994 – 2003 as calculated on tab Net Pension Settlement Gains. SBC's adjustment to add back average OSS testing expense of [BEGIN CONFIDENTIAL ** \$14,332,110 ** END CONFIDENTIAL] in Account 6728 was removed on Tab 2—Inputs (CLEC #3), cell E108. Tier 1 Remedy payments of [BEGIN CONFIDENTIAL] and UNE-P advertising expenses of [BEGIN CONFIDENTIAL] and UNE-P advertising expenses of [BEGIN CONFIDENTIAL ** \$681,000 ** END CONFIDENTIAL] were also removed from Account 6728 on Tab 2—Inputs (CLEC #3), cell E108.

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IIA (ii). Failure to Diligently Allocate Direct and Shared Costs

REVISION REQUIRED

The Joint CLECs reduced SBC's common cost expenses (balances in Accounts 67XX) by [BEGIN CONFIDENTIAL], an amount equal to the Commission's approved avoided wholesale discount, to remove costs attributable to its retail organization as direct costs. Joint CLECs then added these direct costs to the direct cost pool used in SBC's Shared and Common cost denominator.

RECALCULATION SPECIFICS

Adjustment 4 (column J), contains the Commission's approved avoided wholesale cost discount factor of [BEGIN CONFIDENTIAL ** 21.45 % ** END CONFIDENTIAL] in cell J11. This factor is used to reduce the adjusted 67XX balances from Adjustment 3 in Tab 3 - Calculations (CLEC #4), cells N164 - N177. The algorithm is: (67XX balance in column N) X (1 - the Avoided Wholesale Cost Discount Factor). Making the adjustment here rather than on Tab 1 - Results automatically reclassifies the removed costs as direct costs because SBC's algorithm in Tab 3 - Calculations calculates direct costs as the difference between total costs and common costs. See formula in column M.

IIA (iii). Failure to Isolate Regulated Versus Non-Regulated Data

REVISION REQUIRED

The Joint CLECs removed non-regulated expenses and investment from SBC's common cost analysis to restate SBC's common cost analysis to reflect its regulated operations only.

RECALCULATION SPECIFICS

Adjustment 8 (column N), reflects the removal of non-regulated expenses and investment from the common cost factor calculation. A percentage reflecting the regulated portion of each individual expense and investment account was derived from SBC's 2001 and 2002 ARMIS 43-03 reports filed with the FCC. The ARMIS 43-03 report breaks out book investment and expense into three primary categories: (1) Total, (2) Total Regulated and (3) Total Non-Regulated. Investment requires 2001 and 2002 information to remove non-regulated costs from beginning and ending account balances used to determine average investment. Expenses only

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require 2002 cost data. The necessary regulated percentages for all accounts are contained on worksheet ARMIS 43-03, rows 10 through 115, columns L and M.

The regulated percentages for the accounts used in the common cost analysis were then pulled into equations calculating regulated-only costs via formula reference on worksheet *Tab 2 - Inputs (CLEC #8)*, columns N and O. These adjusted amounts then flow to *Tab 3 - Calculations (CLEC #8)*, columns D and E and ultimately to *Tab 1 - Results*. The algorithm to make this adjustment on *Tab 2 - Inputs (CLEC #8)* is: (Expense and Investment values in columns E and F) X (Regulated % from *ARMIS 43-03*).

N/A. Adjustment of Ad Valorem Taxes Using Investment at Current Cost

REVISION REQUIRED

The Joint CLECs calculated a reduced Ad Valorem tax factor by using an investment denominator based upon current cost rather than book cost. This adjustment reflects consistency with The Joint CLECs' adjustment of the Ad Valorem tax ACF in Section IIIB (iii) of the testimony.

RECALCULATION SPECIFICS

In Adjustment 9, (column O), the Joint CLECs incorporate a modified Ad Valorem tax expense into the common cost factor by applying a reduced tax factor to TPIS brought to current value. Ad Valorem tax expense is calculated in *Tab 2 - Inputs (CLEC #9)*, cells L139 through L162. Joint CLECs calculated a modified Ad Valorem tax factor by adjusting the average book investment, which is used as a denominator, to current value using SBC's 2002 CC/BC ratios.

The Joint CLECs modified SBC's CC/BC ratio worksheet to calculate a composite CC/BC ratio for all plant investment in total. This was done on tab *Ohio CC-BC Ratios*, cell F32. This composite CC/BC ratio, [BEGIN CONFIDENTIAL **1.35396 ** END CONFIDENTIAL], was multiplied by 2002 regulated average book investment, [BEGIN CONFIDENTIAL ** \$7,837,691,000 ** END CONFIDENTIAL], to produce average investment at current cost of [BEGIN CONFIDENTIAL]. This calculation is done in cell L152 on *Tab 2 - Inputs (CLEC #9)*.

The adjusted Ad Valorem tax factor is then multiplied by TPIS at current cost to calculate adjusted Ad Valorem tax expense which is pulled into *Tab 3 – Calculations* (CLEC #9), cells M186 and N186.

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IIA (vi). Incorporating Adjusted Support Asset Values Attributable to Common Costs

REVISION REQUIRED

The Joint CLECs adjusted the support asset cost portion of the common cost numerator to flow through Ohio-specific support asset costs calculated in Exhibit MS-10 (Ohio Only - SAF).

RECALCULATION SPECIFICS

Adjustment 10 (column P) replaces SBC's proposed support asset cost additive to common costs with an amount representing the entire pool of support asset costs attributable to SBC's Ohio operations. This adjusted support asset cost is inclusive of mainframe and mid-range computer costs currently recovered in SBC's Service Order Processing study. The adjustment is imported from the adjusted support assets cost study in Exhibit MS-10 and is located in cell P27. Additionally, SBC's adjustment to remove mainframe computer investment, expense and associated labor costs from common costs must be eliminated. This is accomplished in series of adjustments made to SBC's General Purpose Computer calculations on Tab 2 – Inputs (CLEC #10) in column I, rows 171-191.

Amounts representing Ohio-only support assets are imported from Exhibit MS-10 into $Tab\ 2$ - $Inputs\ (CLEC\ #10)$, rows 314-327. They flow through to $Tab\ 3$ - $Calculations\ (CLEC\ #10)$, column N. The adjusted common costs flow through to the common cost numerator on $Tab\ 1$ - Results. At the same time, the increase in common costs causes a reduction in the direct cost pool used in the denominator. This happens because a larger portion of the Total Direct and Shared & Common costs in column L on $Tab\ 3$ - $Calculations\ (CLEC\ #10)$ is now classified as common. The remaining direct cost comprises the denominator.

IIB. SHARED COSTS (CRITIQUE OF SBC'S ANALYSIS)

IIA (i). Shared Cost Denominator Based Upon Book Investment at Current Cost

REVISION REQUIRED

The Joint CLECs modified SBC's wholesale direct cost denominator by applying SBC's Wholesale Direct Cost Percentage to the Joint CLECs' adjusted direct cost used in the common cost factor.

RECALCULATION SPECIFICS

In **Adjustment 1** (column G) of the Joint CLECs Recommended Adjustment section within SBC's Shared and Common cost study, Exhibit MS-4 (S&C).xls), Tab 1 – Results, Joint CLECs multiplied SBC's Wholesale Direct Cost Percentage of **[BEGIN CONFIDENTIAL** 6.90% ** END CONFIDENTIAL]** in cell G68 by direct cost before inflation in cell G67. This adjustment increases the wholesale direct cost denominator by 25.3% and correspondingly reduces the wholesale shared cost factor by 20.1%.

Adjustment 2 (column H) offsets the reduction made in Adjustment 1 by applying the lower capital cost factors recommended by Ms. Murray and Mr. Majoros.

IIB (i). Elimination of Wholesale Product Advertising and Reduction in Wholesale Marketing Costs

REVISION REQUIRED

The Joint CLECs eliminated wholesale product advertising as an unwarranted cost in the pricing of UNEs since SBC does not undertake initiatives aimed at "stimulating the purchase" of UNEs. The Joint CLECs also reduced marketing costs in Account 6611 (*Product Management*) and Account 6612 (*Product Sales*) attributable to wholesale operations to reflect a more reasonable allocation of these product support costs to purchasers of UNEs.

RECALCULATION SPECIFICS

Adjustment 5 (column K), cells K51, K53 and K54 on worksheet *Tab 1 – Results*, contains the end result of the Joint CLECs' adjustments to wholesale marketing costs. The value in cell K51 is calculated on worksheet *Tab 3 - Calculations* (CLEC #5), cell J153. Account 6613 (*Product Advertising*) is zeroed out on *Tab 2 – Inputs*

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(CLEC #5), cell E94. The net Total Marketing Costs in on Tab 3 – Calculations (CLEC #5), cell J153 are then pulled into cell K51 on Tab 1 – Results.

The modified Total Marketing Costs in cell K51 were then multiplied by the Wholesale Marketing Percentage in cell K52 to produce a modified Wholesale Marketing Cost for the shared cost numerator.

I further adjusted the Wholesale Marketing Cost by applying an additional factor to determine the amount of Wholesale Marketing Costs attributable to UNE activities. I added row 28 to the analysis for the UNE Revenue factor ([BEGIN CONFIDENTIAL ** 21.56% ** END CONFIDENTIAL]) to apply to Wholesale Marketing Costs. The UNE Revenue factor is UNE Revenue as a percentage of wholesale revenue and is calculated in cell G29 on tab Wholesale Revenue by Service. This results in adjusted Wholesale Marketing Cost of [BEGIN CONFIDENTIAL].

IIB (ii). Wholesale Uncollectible Costs are Reduced to a UNE-Specific Level

REVISION REQUIRED

Since SBC is unable to calculate UNE uncollectible expense, it's normalized 2002 bad debt expense must be further reduced to a UNE-specific level by applying the same UNE Revenue factor used to adjust Wholesale Marketing Costs

RECALCULATION SPECIFICS

In **Adjustment 6** (column L), I determined the UNE portion of SBC's wholesale bad debt expense using the UNE Revenue factor developed by Joint CLECs in Adjustment 5. I added row 32 to the analysis to apply the UNE Revenue factor to wholesale bad debt expense.

The adjusted UNE-related bad debt expense of [BEGIN CONFIDENTIAL ** \$1,502,000 ** END CONFIDENTIAL] is contained in cell L59 on Tab 1 – Results.

IIB (iii). UNE Revenue is a Better Denominator for Shared Costs

REVISION REQUIRED

The Joint CLECs changed SBC's shared cost denominator from wholesale direct costs to UNE-specific revenue because the two types of costs identified by SBC Ohio as shared, i.e., marketing expenses and bad debt, are more causally related to revenue than they are to direct costs. Also, replacing SBC's wholesale direct cost with UNE

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revenue as a denominator ensures consistency with the UNE-specific marketing and uncollectible costs determined in **Adjustments 5** and **6**.

RECALCULATION SPECIFICS

In Adjustment 7 on Tab 1 – Results, column M, the Joint CLECs eliminated SBC's wholesale direct cost denominator from the calculation of shared costs on study rows 37-41. Based upon SBC's response to AT&T Data Request MS-52(c) on tab Wholesale Revenue by Service, the Joint CLECs identified a total of [BEGIN CONFIDENTIAL ** \$134,180,000 ** END CONFIDENTIAL] in UNE revenue for SBC Ohio in 2002. This amount is used as the new denominator for wholesale shared costs in cell M73 just below those containing SBC's wholesale direct cost denominator calculations. The new UNE shared cost denominator is approximately 13% less than the wholesale shared cost denominator of [BEGIN CONFIDENTIAL].

** \$154,466,000 ** END CONFIDENTIAL].

IIB (iv). Failure to Isolate Regulated Versus Non-Regulated Data

REVISION REQUIRED

The Joint CLECs removed non-regulated expenses and investment from SBC's shared cost analysis as was done in the common cost section.

RECALCULATION SPECIFICS

Adjustment 8 (column N), reflects the removal of non-regulated expenses and investment from the common cost factor calculation. A percentage reflecting the regulated portion of each individual expense and investment account was derived from SBC's 2001 and 2002 ARMIS 43-03 reports filed with the FCC. The ARMIS 43-03 report breaks out book investment and expense into three primary categories: (1) Total, (2) Total Regulated and (3) Total Non-Regulated. Investment requires 2001 and 2002 information to remove non-regulated costs from beginning and ending account balances used to determine average investment. Expenses only require 2002 cost data. The necessary regulated percentages for all accounts are contained on worksheet ARMIS 43-03, rows 10 through 115, columns L and M.

The regulated percentages for the accounts used in the common cost analysis were then pulled into equations calculating regulated-only costs via formula reference on worksheet *Tab 2 - Inputs (CLEC #8)*, columns N and O. These adjusted amounts then flow to *Tab 3 - Calculations (CLEC #8)*, columns D and E and ultimately to *Tab 1 - Results*. The algorithm to make this adjustment on *Tab 2 - Inputs (CLEC #8)* is: (Expense and Investment values in columns E and F) X (Regulated % from *ARMIS 43-03*).

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In the matter of the Review of SBC Ohio's)	
TELRIC Costs for Unbundled Network)	Case No. 02-1280-TP-UNC
Elements)	
)	

TESTIMONY OF

MICHAEL STARKEY

EXHIBIT ___ (MS-5)

ACFs Modified With Recommended Cost of Capital

INPUT AND RESULTS SHEET ONLY FULL ACF PRESENTATION PROVIDED AS AN ELECTRONIC FILE ONLY ON CD-ROM

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1	Thousand Issue Date: 01/14/2004 Study Type: Standard			Spic Annual Cost	SBC Cor t Factors and In	SBC Communications, Inc. rs and Investment Factor D	SBC Communications, Inc. Cost Factors and Investment Factor Development Model	ent Model		
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Total Land Cheekees Control Land Cheekees Contro	Total Land Distriction	LITERATE N	The Lates	Composite Tax Rate: Debt Ratio: Annual Interest Rate:	35.00% 32.84% 4.15%					
Total Larry	Total Land Vehicles 1	2 2	ссоли	Description	Average	Retirement	Plant Asset Service L	de (Years)	Net Future Salvage Value	
Middle of Administration Middle of Administr	Total and Other Work Euripment 112 51, 112 1	2.2	121	Total Land Total Motor Vehicles		2 %	÷ 40		*0.01	
Buildings - Namera cannot be about the buildings - Name	Buildings - Network Support	21	114	Tools and Other Work Equipment	23	30	27		*60	
Euclidage - Welvach Support 44 S.S. 444 S.D.W. Office Euglement - Office Support 15 S.L. 16 0.0% Office Euglement - Office Support 10 S.S. 7 0.0% Option Euglement - Office Support 1 S.S. 10 0.0% Option Euglement - Office Euglement - Office Communication 1 S.S. 7 0.0% Actival Englement - Office Euglement - DOS 7 S.S. 7 0.0% Actival Englement - DOS 7 S.S. 7 0.0% Actival Englement - DOS 7 S.S. 7 0.0% Actival Englement - DOS 7 S.S. 9 0.0% Actival Englement - DOS 7 S.S. 9 0.0% Actival Englement - DOS 7 S.S. 9 0.0% Actival Englement - Activation 3 S.S. 3 0.0% Actival Englement - Activation 3 S.S. 3 0.0% Actival Englement - Activation 3 <td< td=""><td> Fundaring - Methwork Support</td><td>212</td><td>1212</td><td>Buildings - Network</td><td></td><td>र्त र्ज</td><td>2 3</td><td></td><td>600</td><td></td></td<>	Fundaring - Methwork Support	212	1212	Buildings - Network		र्त र्ज	2 3		600	
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2 Office Communication 7 SI 7 PM Office Expressed Communication 6 SIL 6 Communication 0 OW Digital Evertonic Switching 10 SIL 10 SIL 10 OW 15 Statement Purpose Communication 17 SIL 17 SIL 10 OW 15 Circuit Equipment - Organization of Communication 17 SIL 17 SIL 10 OW 55 Circuit Equipment - Organization of Communication 17 SIL 17 SIL 10 OW 55 Circuit Equipment - Organization of Communication of	Organic Equipment - Office Communication 7 SS 7 7 7 7 7 7 7 7	27	1231	Office Equipment - Office Support	2.02	तं ज	2 0		*600	
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Operator Systems 7 St. St. 7 St. 7 St. 7 St. St. 7 St. St. 7 St. St. St. 7 St.	Packed Systems	22	212	Digital Electronic Switching	0,	तं ज	01		*00	
157 Circuit Equipment - DOS 7 5.4 7 7 7.4	Circuit Equipment - DOS Circuit Equipment - DOS Circuit Equipment - Dotal Loop Electronic 3 St. 7	22	220	Operator Systems		र्ज व	**		*400	
257 Circuit Eudement - Optial Loop Electrone 9 St. 9 Control Eudement - Optial Cope 35 Circuit Eudement - Optial Other 3 St. 9 0.0% 51 Circuit Eudement - Anatal Other 3 St. 7 0.0% 52 Circuit Eudement - Anatal Captereri	Circut Engineeric Organic Loop Engineeric Control	22	232 157	Circuit Equipment - DDS		तं ज	1		*50	
357 Chroat & Euglanner A. Logial Other 9 S.R. 9 S.R. 9 O.P.A. 54 Chroat & Euglanner A. Logial Other 7 S.R. 7 0.0% 0.0% 22 Public Temporor Terminal 21 S.R. 21 5 0.0% 22 Annial Cable - North-Metalic 26 S.R. 27 0.0% 5. Underground Cable - Metalic 26 S.R. 20 0.0% 5. Underground Cable - Metalic 26 S.R. 20 0.0% 5. Underground Cable - Metalic 26 S.R. 20 0.0% 6.5 Underground Cable - Metalic 26 S.R. 20 0.0% 6.5 Underground Cable - Metalic 26 S.R. 20 0.0% 6.5 Underground Cable - Metalic 26 S.R. 20 0.0% 6.5 Underground Cable - Metalic 26 S.R. 20 0.0% 6.4 Underground Cable - Metalic 26	Charal Equipment Organia Other 3 S. S. 9 S.	22	232 252	Circuit Equipment - Digital Loop Electronic	•	정	a		*600	
Public Telephone Terminal Guaphrent 7 S.H.	Public Telephone Terminal 7 SL 7 Offer Terminal Equipment 21 5 5L 7 Offer Terminal Equipment 21 5L 21 7 Offer Terminal Equipment 21 5L 21 15 Ammail Cable - Metallic 25 5L 20 21 Underground Cable - Metallic 15 5L 15 15 Underground Cable - Metallic 20 SL 15 15 Burnac Cable - Nor-Metallic 20 SL 15 20 Burnac Cable - Nor-Metallic 20 SL 15 20 Conduct System 30 SL 20 5L 20 Conduct System 30 SL 20 5L 20 Intraceabling Cable - Nor-Metallic 30 SL 20 5L 20 Conduct System 30 SL 30 5L 30 30 Intraceable Assets 31 31 31 31 30 <td>2 2</td> <td>232 357</td> <td>Circuit Equipment - Digital Other Circuit Equipment - Analog</td> <td>•</td> <td>र्ज व</td> <td>in r</td> <td></td> <td>*600</td> <td></td>	2 2	232 357	Circuit Equipment - Digital Other Circuit Equipment - Analog	•	र्ज व	in r		*600	
Context Terminal Equipment S SL SL SL SL SL SL SL	Other Terminal Equipment 2 SL 5 SL 5	22	151	Public Telephone Terminal		इं छ	100		*000	
Annual Cable - Metallic 27 SS 27 OPA Annual Cable - Metallic 20 SL 15 0.0% Annual Cable - Month Adelalic 20 SL 20 0.0% Unberground Cable - Month Adelalic 20 SL 20 0.0% Burned Cable - Month Adelalic 20 SL 20 0.0% Burned Cable - Month Adelalic 20 SL 20 0.0% Intrabuilding Cable - Month Adelalic 20 SL 20 0.0% Conduct System - Montalic 20 SL 20 0.0% Conduct System - Montalic 20 SL 20 0.0% Conduct System - Montalic 20 SL 20 0.0% Intrabuilding Cable - Month Adelalic 20 SL 20 0.0% Conduct System - Montalic 20 SL 20 0.0% Strip System - Montalic 20 SL 20 0.0% Conduct System - Montalic 20 20 0.0% 0.0%	Annie Cabe - Metalic 15 55 15 15 15 15 15 1	R	362	Other Terminal Equipment	•	र्ज ।	*0		*400	
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Undergrand Cable - Metalic 15 St. 15 0.0% Undergrand Cable - Metalic 20 St. 20 0.0% Undergrand Cable - Lord Metalic 15 St. 15 0.0% Burned Cable - Mon-Metalic 20 St. 20 0.0% Intrabulding Cable - Metalic 20 St. 15 0.0% Control System - Non-Metalic 20 St. 20 0.0% Control System - Non-Metalic 20 St. 20 0.0% Intarpolicity Cable - Non-Metalic 3 St. 0.0% Intarpolicity Cable - Non-Metalic 3 St. 0.0%	Underground Cabbe - Metallic 15 15 15 15 15 15 15 1	. 75	121.822	Aerial Cable Non - Non-Metallic	2 8	हैं हैं	2 8		5500	
Underground Cable - Nor-Metalise 20 St. 20 0 m/s Burned Cable Metalise 20 St. 15 0 m/s Burned Cable Metalise 20 St. 20 0 m/s Intrabulding Cable - Metalise 20 St. 20 0 m/s Intrabulding Cable - Metalise 20 St. 20 0 m/s Conduct & System - Metalise 50 St. 20 0 m/s Intangible Assets 3 St. 50 0 m/s	Underground Catcle - Non-Metalist 20 St. 20	24	422.5	Underground Cable - Metalic	15	5	35		**00	
Burned Catolic Materials	Burned Capite Report Petrol Metallic 20 St. 15 St.	24	422.85	Underground Cable - Non-Metalic	92	ช	20		*00	
Intrabulding Cable - North-Metallic 15 51 15 10 10 10 10 10	22 Intrachalding Cable - Mantalic 15 51 15 15 15 15 15 1	22	423.45	Burled Cable Exchange Metallic	2 5	ಶ ಕ	2 2		200	
452 Intrinsbuilding Cable - Nort-Metallic 20 St. 20 0.0%. Conclut System - Nort-Metallic 20 St. 50 0.0%.	Condut System 30 St. 20 Condut System 3 St. 30 St. 30 Condut System 3 St. 30 St. 30 Condut System 3 St. 30 St. 30 Condut	24	126 442	Intrabulding Cable - Metalic	15	तं ज	5 52		3000	
Condult System 50 00% 1 1 2 SL 30 00% 00%	Conduct System 3 SL 50 Intangible Assets Cost of Capital Detail Detail Ratio and Annual Interest Rate from Cost of Capital witness, Binder Tab 3E	24	126 462	Intrabuilding Cable - Non-Metallic	20	ಹ	30		%,00	
	Cost of Capital, Debt Ratio and Annual Interest Rate from Cost of Capital witness, Binder Tab 3E	2 %	96	Conduit System Intangible Assets	8 0	ಪ ಪ	8 "		3600	

Binder Tab:

3B

SBC Communications Capital Cost System PC Version 1.0 Results

Ohio

2002

Cost of Capital : Composite Tax Rate:

Annual Interest Rate:

Debt Ratio:

7.53% 35.00% 32.84%

4.15%

Account Number	Account Name	Book Depreciation	Cost of Money	Income Tax Expense	Total Capital Costs
2111	Total Land	0.0%	7.2%	3.2%	10.4%
2112	Total Motor Vehicles	11.3%	3.5%	1.5%	16.3%
2114	Tools and Other Work Equipment	8.3%	3.2%	1.4%	13.0%
2121.1	Buildings - Administrative	2.4%	5.0%	2.2%	9.6%
2121.2	Buildings - Network	2.4%	5.0%	2.2%	9.6%
2121.3	Buildings - Network Support	2.4%	5.0%	2.2%	9.6%
2122	Furniture	6.7%	3.4%	1.5%	11.6%
2123.1	Office Equipment - Office Support	10.0%	3.2%	1.4%	14.6%
2123.2	Office Equipment - Office Communication	14.3%	3.3%	1.5%	19.0%
2124	General Purpose Computers	16.7%	3.4%	1.5%	21.5%
2212	Digital Electronic Switching	10.0%	3.2%	1.4%	14.6%
2220	Operator Systems	14.3%	3.3%	1.5%	19.0%
2231	Radio Systems	14.3%	3.3%	1.5%	19.0%
2232.157	Circuit Equipment - DDS	14.3%	3.3%	1.5%	19.0%
2232.257	Circuit Equipment - Digital Loop Electronic	11.1%	3.2%	1.4%	15.8%
2232.357	Circuit Equipment - Digital Other	11.1%	3.2%	1.4%	15.8%
2232.57	Circuit Equipment - Analog	33.3%	3.3%	1.4%	38.1%
2351	Public Telephone Terminal	14.3%	3.6%	1.6%	19.5%
2362	Other Terminal Equipment	20.0%	3.5%	1.5%	25.0%
2411	Poles	4.8%	4.1%	1.8%	10.7%
2421.22	Aerial Cable - Metallic	6.7%	4.2%	1.8%	12.6%
2421.822	Aerial Cable Non - Non-Metallic	5.0%	4.1%	1.8%	10.9%
2422.5	Underground Cable - Metallic	6.7%	4.2%	1.8%	12.6%
2422.85	Underground Cable - Non-Metallic	5.0%	4.1%	1.8%	10.9%
2423.45	Buried Cable Exchange Metallic	6.7%	4.2%	1.8%	12.6%
2423.845	Buried Cable Non-Metallic	5.0%	4.1%	1.8%	10.9%
2426.442	Intrabuilding Cable - Metallic	6.7%	4.2%	1.8%	12.6%
2426.462	Intrabuilding Cable - Non-Metallic	5.0%	4.1%	1.8%	10.9%
2441	Conduit System	2.0%	4.5%	2.0%	8.5%
2690	Intangible Assets	33.3%	3.3%	1.4%	38.1%

BEFORE THE

PUBLIC UTILITY COMMISSION OF OHIO

In the matter of the Review of SBC Ohio's)	
TELRIC Costs for Unbundled Network)	Case No. 02-1280-TP-UNC
Elements)	
)	

TESTIMONY OF MICHAEL STARKEY

EXHIBIT ___ (MS-6)

ACFs Modified With Recommended Depreciation Lives

INPUT AND RESULTS SHEET ONLY FULL ACF PRESENTATION PROVIDED AS AN ELECTRONIC FILE ONLY ON CD-ROM

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ons, Inc. Factor Devel	Data Study Type:					Plant Asset 5	0,7	12.0	4:	11	23.0	7.0	7.0	011	0.6	0.00	120	30	9	280	200	250	32.0	200	200	200	55.0	partment 2 vis provided to SRC Fina
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SBC Communications, Inc. Factors and Investment Factor D	Based on Issue Date: 01/14/2004		2002 10000	11 91% 35 00% 19 00%	8000	Average	1.0	12.0	44.0	3 3	23.0	7.0	7.0	11.0	0.6	1.0	12.0	3.0	2	28.0	20.0	25.0	32.0	20.0	20.0	20.0	6.0	Cost of Capital witness, Binder Tab 3E is xis, Binder Tab 3F Provided by SBC Tas are from File SBC Lives & File Capital
Spc Annual Cost I	D enssi	Inputs for Capital Cost Factors	Vintage Placement Year EOY Demand Units	Cost of Capital : Composite Tax Rate: Debt Ratio:	Annual interest role:	nescription	Total Land	Tools and Other Work Equipment	Buildings - Administrative	Buildings - Network Support	Fundure	Office Equipment - Office Communication	General Purpose Computers	Operator Systems	Radio Systems	Circuit Equipment - DDS	Circuit Equipment - Digital Other	Circuit Equipment - Analog	Other Terminal Equipment	Poles	Aertal Cable - Metallic Aertal Cable Non - Non-Metallic	Underground Cable - Metallic	Underground Cable - Non-Metallic	Buried Cable Exchange Metallic Buried Cable Non-Metallic	Intrabuilding Cable - Metallic	Intrabuilding Cable - Non-Metallic	Conduit System Intangible Assets	Cost of Capital Debt Ratio and Annual Interest Rate from Cost of Capital withess, Binder Tab 3E. Composite Tax Rate from File. CH 2002 Income Tax Rate xts, Binder Tab 3F. Provided by SBC Tax Department. Part Service Life and Net Future Cost of Removal values are from File. SBC Lives & TMS for connecting the SBC Filesco Discretizion Discretiz
		(E)			Account	Number	2111	2114	21211	21213	2122	2123.2	2124	2220	1622	2232 157	2232 357	2232 57	2362	2411	2421 22	2422.5	2422.85	2423.45	2426 442	2426 462	2690	Sources

Binder Tab:

3B

SBC Communications Capital Cost System PC Version 1.0 Results

Ohio

2002

Cost of Capital : Composite Tax Rate: 11.91% 35.00%

Debt Ratio:

Annual Interest Rate:

19.00% 6.18%

Account Number	Account Name	Book Depreciation	Cost of Money	Income Tax Expense	Total Capita Costs
2111	Total Land	0.0%	11,2%	5.4%	16.6%
2112	Total Motor Vehicles	10.8%	5.8%	2.8%	19.3%
2114	Tools and Other Work Equipment	8.3%	5.4%	2.6%	16.3%
2121.1	Buildings - Administrative	2.1%	8.9%	4.3%	15.3%
2121.2	Buildings - Network	2.1%	8.9%	4.3%	15.3%
2121.3	Buildings - Network Support	2.1%	8.9%	4.3%	15.3%
2122	Furniture	4.1%	6.2%	3.0%	13.3%
2123.1	Office Equipment - Office Support	10.0%	5.3%	2.6%	17.9%
2123.2	Office Equipment - Office Communication	14.3%	5.4%	2.6%	22.2%
2124	General Purpose Computers	13.4%	5.6%	2.7%	21.7%
2212	Digital Electronic Switching	6.3%	5.5%	2.7%	14.4%
2220	Operator Systems	9.1%	5.3%	2.6%	17.0%
2231	Radio Systems	11.3%	5.3%	2.5%	19.1%
2232.157	Circuit Equipment - DDS	14.3%	5.4%	2.6%	22.2%
2232.257	Circuit Equipment - Digital Loop Electronic	8.5%	5.3%	2.6%	16.4%
2232.357	Circuit Equipment - Digital Other	8.5%	5.3%	2.6%	16.4%
2232.57	Circuit Equipment - Analog	33.3%	5.2%	2.5%	41.0%
2351	Public Telephone Terminal	9.1%	5.7%	2.8%	17.5%
2362	Other Terminal Equipment	19.8%	5.6%	2.7%	28.1%
2411	Poles	6.8%	5.5%	2.7%	14.9%
2421.22	Aerial Cable - Metallic	6.3%	6.4%	3.1%	15.8%
2421.822	Aerial Cable Non - Non-Metallic	6.3%	6.4%	3.1%	15.8%
2422.5	Underground Cable - Metallic	4.4%	7.0%	3.4%	14.7%
2422.85	Underground Cable - Non-Metallic	3.7%	7.1%	3.4%	14.2%
2423.45	Buried Cable Exchange Metallic	5.5%	6.8%	3.3%	15.6%
2423.845	Buried Cable Non-Metallic	4.4%	7.0%	3.4%	14.7%
2426.442	Intrabuilding Cable - Metallic	5.8%	6.7%	3.2%	15.6%
2426.462	Intrabuilding Cable - Non-Metallic	5.8%	6.7%	3.2%	15.6%
2441	Conduit System	2.1%	7.8%	3.8%	13.7%
2690	Intangible Assets	16.7%	4.8%	2.3%	23.8%

BEFORE THE

PUBLIC UTILITY COMMISSION OF OHIO

In the matter of the Review of SBC Ohio's)	
TELRIC Costs for Unbundled Network)	Case No. 02-1280-TP-UNC
Elements)	
)	

TESTIMONY OF

MICHAEL STARKEY

EXHIBIT ___ (MS-7)

ACFs Modified With Recommended Cost of Capital and Depreciation Lives

INPUT AND RESULTS SHEET ONLY FULL ACF PRESENTATION PROVIDED AS AN ELECTRONIC FILE ONLY ON CD-ROM

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SBC Contours and Inv	Based on :: 01/14/2004		10000	7.53%	32.84%	Average	1.0	12.0	0.11	1 3	23.0	10.0	7.0	16.0	11.0	0.6	12.0	12.0	3.0	2	28.0	20.0	25.0	32.0	20.0	28.0	20.0	55.0	Interspore reasons Cost of Capital, Debt Ratio and Annual Interest Rate from Cost of Capital witness, Binder Tab 26. Composed Tab Rate from File OH 2020 Income Tab Rate sts, Bender Tab 2F provided by SBC Tar Department Composed Tab Rate from File Chel of Removal values are from File SBC Lives & PAS for Child 2020 3ts providence.
	Based on Issue Date: 01/14/2004	tors																											erest Rate from C. ncome Tax Rate xis. Remove values are
Annua		tal Cost Fac	Vintage Placement Year EOY Demand Units	Cost of Capital : Composite Tax Rate:	Debt Ratio: Annual Interest Rate:	Description		Equipment	live		poddr	fice Support	fice Communication	puters		9	gital Loop Electronic	gital Other	Solet	ment		Madulle	Metallic	Non-Metallic	pe Metalic	tallic	Aetalic lor-Metalic		Ratio and Annual Int rom File. OH 2002 In Net Future Cost of
Spe)	Inputs for Capital Cost Factors	Vintage Placement EOY Demand Units	Cost of Capital	Debt Ratio: Annual Inte		Total Land	Tools and Other Work Equipment	Buildings - Administrative	Buildings - Network	Furniture	Office Equipment - Office Support	Office Equipment - Office Communication	Digital Electronic Switching	Operator Systems	Radio Systems	Circuit Equipment - Dogital Loop Electronic	Circuit Equipment - Digital Other	Circuit Equipment - Analog	Other Terminal Equipment	Poles	Aertal Cable - Metallic	Independent Cable - Metallic	Underground Cable - Non-Metalic	Buried Cable Exchange Metallic	Buried Cable Non-Metallic	Intrabuilding Cable - Metallic Intrabuilding Cable - Non-Metallic	Conduit System	Transpore Assess Cost of Capital, Debt Rabb and Avrual Interest Rate from Cost of Capital, Debt Rabb and Avrual Interest Rate from Plant Society and Rate from File OH 2002 for Income Tax Rate Plant Society of Removal values
		(1)	John CLEC Recommended Impair	N.603.N	(LT+27.81%; ST+5.03%) (LT+4.48%; ST+2.43%)	Account	2111				2122		21232				2232 257		57	2362		242122					2426 462	2441	

Binder Tab:

3B

SBC Communications Capital Cost System PC Version 1.0 Results

Ohio

2002

Cost of Capital : Composite Tax Rate: 7.53% 35.00%

Debt Ratio: Annual Interest Rate:

32.84% 4.15%

Account Number	Account Name	Book Depreciation	Cost of Money	Income Tax Expense	Total Capita Costs
2111	Total Land	0.0%	7.2%	3.2%	10.4%
2112	Total Motor Vehicles	10.8%	3.6%	1.6%	15.9%
2114	Tools and Other Work Equipment	8.3%	3.2%	1.4%	13.0%
2121.1	Buildings - Administrative	2.1%	5.2%	2.3%	9.5%
2121.2	Buildings - Network	2.1%	5.2%	2.3%	9.5%
2121.3	Buildings - Network Support	2.1%	5.2%	2.3%	9.5%
2122	Furniture	4.1%	3.6%	1.6%	9.3%
2123.1	Office Equipment - Office Support	10.0%	3.2%	1.4%	14.6%
2123.2	Office Equipment - Office Communication	14.3%	3.3%	1.5%	19.0%
2124	General Purpose Computers	13.4%	3.4%	1.5%	18.4%
2212	Digital Electronic Switching	6.3%	3.2%	1.4%	10.9%
2220	Operator Systems	9.1%	3.2%	1.4%	13.7%
2231	Radio Systems	11.3%	3.2%	1.4%	15.9%
2232.157	Circuit Equipment - DDS	14.3%	3.3%	1.5%	19.0%
2232.257	Circuit Equipment - Digital Loop Electronic	8.5%	3.2%	1.4%	13.1%
2232.357	Circuit Equipment - Digital Other	8.5%	3.2%	1.4%	13.1%
2232.57	Circuit Equipment - Analog	33.3%	3.3%	1.4%	38.1%
2351	Public Telephone Terminal	9.1%	3.4%	1.5%	14.0%
2362	Other Terminal Equipment	19.8%	3.5%	1.5%	24.8%
2411	Poles	6.8%	2.7%	1.2%	10.7%
2421.22	Aerial Cable - Metallic	6.3%	3.7%	1.6%	11.5%
2421.822	Aerial Cable Non - Non-Metallic	6.3%	3.7%	1.6%	11.5%
2422.5	Underground Cable - Metallic	4.4%	4.0%	1.8%	10.1%
2422.85	Underground Cable - Non-Metallic	3.7%	4.0%	1.7%	9.4%
2423.45	Buried Cable Exchange Metallic	5.5%	3.9%	1.7%	11.1%
2423.845	Buried Cable Non-Metallic	4.4%	4.0%	1.7%	10.1%
2426.442	Intrabuilding Cable - Metallic	5.8%	3.8%	1.7%	11.3%
2426.462	Intrabuilding Cable - Non-Metallic	5.8%	3.8%	1.7%	11.3%
2441	Conduit System	2.1%	4.4%	1.9%	8.4%
2690	Intangible Assets	16.7%	3.0%	1.3%	21.0%

BEFORE THE

PUBLIC UTILITY COMMISSION OF OHIO

In the matter of the Review of SBC Ohio's)	
TELRIC Costs for Unbundled Network)	Case No. 02-1280-TP-UNC
Elements)	
)	

TESTIMONY OF
MICHAEL STARKEY

EXHIBIT ___ (MS-8)

ACFs With All Recommended Adjustments

This Exhibit is Considered Confidential Pursuant to the Protective Order in Case No. 02-1280-TP-UNC – Filed Under Seal. It is Available Only in the Confidential Version of this Filing

LIST OF CHANGES MADE TO THE ACF MODEL INPUTS & ALGORITHMS BY THE JOINT CLECS

Inputs D15 Terry Murray recommended weighted average cost of capital Inputs Inputs D17 Terry Murray recommended debt ratio Inputs D24 F53 Mike Majors recommended cost of debt ratio Inputs D25 J53 Mike Majors recommended cost of debt ratio Inputs D25 J53 Mike Majors recommended cost of debt ratio Inputs D26 Major recommended cost of debt ratio Inputs D29 Mike Majors recommended cost of debt ration in valid with a set of costs of costs of debt ration Inputs D29 Mike Majors recommended cost of debt ration in valid with a set of costs of	Terry Murray recommended weighted average cost of capital Terry Murray recommended debt ratio Terry Murray recommended cost of debt Mike Majors recommended depreciation lives in yellow. Mike Majoris recommended net salvage value % in yellow. Zero out factor to remove supord asset expense from ACFs.	Murray Murray Murray
D17 D18 D24 - F53 J25 - J53 J25 - J53 D69 E82/F82 E83/F83 - E90/F90 E92/F92 - E93/F97 E99/F99 - E100/F100 E102/F102 - E103/F103 E102/F109 - E110/F110 E109/F109 - E110/F110		Murray
D18 D24 - F53 J25 - J53 J25 - J53 D69 E82/F82 E83/F83 - E90/F90 E92/F95 - E93/F97 E99/F99 - E100/F100 E102/F102 - E103/F103 E102/F109 - E110/F110 E109/F109 - E110/F110		Murray
D24 - F53 J25 - J53 J25 - J53 D69 E82/F82 E83/F83 - E90/F90 E92/F95 - E97/F97 E99/F99 - E100/F100 E102/F102 - E103/F103 E105/F109 - E110/F110 E109/F109 - E110/F110		
125 - J53 D69 E78/F78 E83/F82 - E93/F90 E95/F95 - E97/F97 E99/F99 - E100/F100 E102/F102 - E103/F103 E105/F105 - E107/F107 E109/F109 - E110/F110		Aajoros
E78/F78 E82/F82 E83/F83 - E90/F90 E92/F92 - E93/F93 E95/F95 - E97/F97 E99/F99 - E100/F100 E102/F105 - E107/F107 E109/F109 - E110/F110	COLORED TO SELECTION OF SELECTI	Aajoros
E78/F78 E82/F82 E83/F83 - E90/F90 E92/F92 - E93/F93 E95/F95 - E100/F100 E102/F102 - E103/F103 E105/F105 - E110/F110 E109/F109 - E110/F110	based on recommendation to recover all support asset costs Testimony of Michael Starkey; Section	key; Section
E82/F82 E83/F83 - E90/F90 E92/F93 - E93/F93 E95/F95 - E97/F97 E99/F99 - E100/F100 E102/F102 - E103/F103 E105/F105 - E110/F110 E109/F109 - E110/F110		
E78/F78 E82/F82 E83/F83 - E90/F90 E92/F95 - E97/F97 E99/F99 - E100/F100 E102/F102 - E103/F103 E105/F105 - E110/F110 E109/F109 - E110/F110	Removal of non-regulated land investment using % Regulated. Columns O and P. sheat ARMIS 43-03 Invest 2001, 2002 and	
E83/F82 E83/F83 - E90/F90 E92/F92 - E93/F93 E95/F95 - E97/F97 E99/F99 - E100/F100 E102/F102 - E103/F103 E105/F105 - E110/F110 E109/F109 - E110/F110	estimate of land investment leased to collocating carriers, cell Testimony of Michael Starkey. Section	key Section
E83/F82 E83/F83 - E90/F90 E92/F92 - E93/F93 E95/F95 - E97/F97 E99/F99 - E100/F100 E102/F102 - E103/F103 E105/F105 - E110/F110 E109/F109 - E110/F110		
E83/F82 E83/F83 - E90/F90 E92/F92 - E93/F93 E95/F95 - E100/F100 E102/F102 - E103/F103 E105/F105 - E110/F110 E109/F109 - E110/F110		key, Section
E83/F83 - E90/F90 E92/F92 - E93/F93 E95/F95 - E100/F100 E102/F102 - E103/F103 E105/F105 - E110/F110 E109/F109 - E110/F110		
E92/F92 - E93/F93 E95/F95 - E97/F97 E99/F99 - E100/F100 E102/F102 - E103/F103 E105/F105 - E110/F110 E109/F109 - E110/F110		key, Section
E92/F92 - E93/F93 E95/F95 - E97/F97 E99/F99 - E100/F100 E102/F102 - E103/F103 E105/F105 - E107/F107 E109/F109 - E110/F110		
E99/F99 - E100/F100 E102/F102 - E103/F103 E105/F105 - E107/F107 E109/F109 - E110/F110	Removal of non-regulated investment using % Regulated, lestimony of Michael Starkey, Section Columns O and P. shael APMIS 43-03 houser 2004-2002	key, Section
E99/F99 - E90/F97 E99/F99 - E100/F100 E102/F102 - E103/F103 E105/F105 - E107/F107 E109/F109 - E110/F110		key Section
E102/F102 - E103/F103 E105/F105 - E107/F107 E109/F109 - E110/F110 F136		
E102/F102 - E103/F103 E105/F105 - E107/F107 E109/F109 - E110/F110 F132	Removal of non-regulated investment using % Regulated, Testimony of Michael Starkey, Section	key, Section
E102/F102 - E103/F103 E105/F105 - E107/F107 E109/F109 - E110/F110 F136	Columns O and P. sheet ARMIS 43-03 Invest. 2001-2002 IIIB (i)	
E102/F102 - E103/F103 E105/F105 - E110/F110 E109/F109 - E110/F110 F136		key; Section
E109/F105 - E107/F107 E109/F109 - E110/F110 F136		
E109/F105 - E110/F110 E109/F109 - E110/F110 F132	Removal of non-regulated investment using % Regulated, Testimony of Michael Starkey; Section	key; Section
E109/F109 - E110/F110 F132		
E109/F109 - E110/F110 F132	Removal of non-regulated investment using % Regulated,	key; Section
F132	j	
F132	Removal of non-regulated land and building expense using %	
F132	Regulated, Column K, sheet ARMIS 43-03 2002 Expenses	
F132	and estimate of land and building expense for space leased to	
F132		key, Section
136		
136	%	
F136	Regulated, Column K, sheet ARMIS 43-03 2002 Expenses	
F136	of be	
	collocating camers, cell L6, sheet Space Leased to Non- Testimony of Michael Starkey, Section Affiliates	key; Section
3		Parket Parket
Inputs F141//141 - F148//148 Column K. sheet ARM/S 43-03 2002 Expenses	Column K. sheet ARMIS 43-03 2002 Expenses. IIIR (i)	key; section

LIST OF CHANGES MADE TO THE ACF MODEL INPUTS & ALGORITHMS BY THE JOINT CLECS

SHEET NAME	CELL REFERENCE	DESCRIPTION OF CHANGE MADE	SOURCE OF CHANGE
Inputs	F150/1150 - F154/1154	Removal of non-regulated expense using % Regulated, Column K, sheet ARMIS 43-03 2002 Expenses	Testimony of Michael Starkey, Section IIIB (i)
Inputs	F156/1156 - F158/1158	Removal of non-regulated expense using % Regulated, Column K, sheet ARMIS 43-03 2002 Expenses	Testimony of Michael Starkey; Section IIIB (i)
Inputs	F160/1160 - F161//161	Removal of non-regulated expense using % Regulated. Column K, sheet ARMIS 43-03 2002 Expenses	Testimony of Michael Starkey, Section IIIB (i)
Inputs	F163/1163 - F164/1164	Removal of non-regulated expense using % Regulated. Column K, sheet ARMIS 43-03 2002 Expenses	Testimony of Michael Starkey, Section IIIB (i)
Inputs	F166/1166 - F167/1167	Removal of non-regulated expense using % Regulated. Column K, sheet ARMIS 43-03 2002 Expenses	Testimony of Michael Starkey, Section IIIB (i)
Inputs	F169/1169 - F170/1170	Removal of non-regulated expense using % Regulated. Column K. sheet ARMIS 43-03 2002 Expenses	Testimony of Michael Starkey, Section IIIB (I)
Inputs	F173/1173 - F180/1180	Removal of non-regulated expense using % Regulated, Column K, sheet ARMIS 43-03 2002 Expenses	Testimony of Michael Starkey, Section IIIB (i)
Inputs	F183/1183 - F184/1184	Removal of non-regulated expense using % Regulated. Column K. sheet ARMIS 43-03 2002 Expenses	Testimony of Michael Starkey, Section IIIB (i)
Coare I eased to Non-Affiliates	œ	% of hillding snace leased to non-affiliated carriers	Testimony of Michael Starkey; Section
200000000000000000000000000000000000000	3	Derivation of Regulated % of expenses using 2002 ARMIS	Testimony of Michael Starkey, Section
ARMIS 43-03 2002 Expenses	Entire Sheet Added	data Derivation of Regulated % of investment using 2001 and 2002	IIIB (i) Testimony of Michael Starkey, Section
ARMIS 43-03 Invest. 2001 - 2002	Entire Sheet Added	ARMIS data	IIIB (I)
ACF Base (SBC Proposed)	Entire Sheet Added	Copy of ACFs filed by SBC	Testimony of Michael Starkey, Section III
CHANGE IN ACFS	Entire Sheet Added	Calculates change in ACFs from recommended input changes by subtracting ACFs filed by SBC on sheet ACF Base (SBC Proposed) from sheet ACF Base (Joint CLECs)	Testimony of Michael Starkey, Section III
	96.2	Contains the 2002 composite CC/BC ratio for total investment	Testimony of Michael Starkey, Section
Ad Valorem Tax	87 83	Conversion of average book investment to current cost	Testimony of Michael Starkey, Section IIIB (iii)
			(m) and

		SBCCO	SBC Communications, Inc.	ons, Inc.			
	Annual Cost F	actors and In	vestment	Annual Cost Factors and Investment Factor Development Model	ent Model		
	Sone De	Based on Issue Date: 01/14/2004	Ohio 2002	Data Study Type: Star	Standard		
Ξ	Inputs for Capital Cost Factors					Loc	Location in Binder
Joint CLEC Recommended triputa (R.19% 17.19%)-(A.49% 27.31%)-(2.43 NYS 53%)		2002 10000 7.53%					
(UT-27.81%, ST-2.43%)	Debt Ratio: Annual Interest Rate:	32.84%					
Account	Description	Average	Retirement	Plant Asset Service Life (Years	ife (Years)	Net Future Salvage Value	
2111	Total Land Total Meter Vehicles	1.0	9 7	0 40		*0 *1	
2114	Tools and Other Work Equipment	12.0	ಕ್ಷಣ	120		*00	
2121.1	Buildings - Administrative Buildings - Network	1 1	र्ज र्ज	4 4		* 60 m	
2121.3	Buildings - Network Support	640	र्ज र	0 24		X0.00	
2122	Office Equipment - Office Support	10.0	तं ज	100		*00	
2123.2	Office Equipment - Office Communication	7.0	र्ज व	0 4		*000	
2212	Digital Electronic Switching	16.0	ಕ್ಷ	18.0		*00	
2220	Operator Systems	11.0	3 0	000		300	
2232 157	Circuit Equipment - DDS	7.0	ಕೆ ಹ	7.0		*00	
2232.257	Circuit Equipment - Digital Loop Electronic	12.0	3	12.0		20%	
2232 357	Orcuit Equipment - Digital Other Orcuit Equipment - Analog	3.0	र्ज ज	3.0		*000	
2351	Public Telephone Terminal	11.0	ಪ :	110		*00	
2362	Other Terminal Equipment	24.0	र्ज ज	4 82		200	
2421.22	Aerial Cable - Metallic	20.0	ಕೆ ಹ	200		25.0%	
2421822	Aerial Cable Non - Non-Metallic	20.0	8	200		-25.0%	
2422.5	Underground Cable - Metallic: Underground Cable - Non-Metallic	32.0	र्ज ज	32.0		170%	
2423 45	Bured Cable Exchange Metallic	20.0	ಶ	20.0		-10.0%	
2423 845	Buried Cable Non-Metallic	25.0	ದ ಕ	250		.100%	
2426 442	Intrabuilding Cable - Metallic	20.0	7 0	200		*0.cl-	
2441	Conduit System	55.0	र्ज ज	55.0		-18.0%	
2690	Intangible Assets	6.0	SL	9.0		9,00	
Sources:	Cost of Capital, Debt Ratio and Annual Interest Rate from — Cost of Capital witness, Binder Tab 3E. Composite Tar Rate from File. OH 2022 incomer a rate fast has the Bender Tab 3F Provided by SBC Tar Department. Deat Service Life and Not Fulture Cost of Removal values are from File. SBC Lites & RNS for Otho 2002 xits provided by SBC Finance Operations Department, Binder Tab 3ID Sub-account labeling for buildings is not in the official SBC Accounts Manual. They are used in this file only for ease of identification. 1 = Administration, 2 = Network, 3 = Network.	Cost of Capital witness, Binder Tab 3E as us, Bender Tab 3F Provided by SBC Tas s are from File: SBC Lives & FNS for Ohio C Accounts Manual. They are used in this	Binder Tab 3E. ded by SBC Tax De & FNS for Ohio 200 are used in this file	witness, Binder Tab 3E. Provided by SBC Tas Department. Lives & FNS for Othe 2002 six provided by SBC Finance Op They are used in this file only for ease of kientification: 1 =	verations Department, Binder Tab 3D Administration, 2 = Network, 3 = Network	rab 30 3 = Network Support	
(11)	Inputs - Miscellaneous Entries						Location in Binder

wased Building Distribution	n Administration	\$0.33%	File AlT 2002 Building	2002 Building Detribution six Binder Tab 11H	er Tab 11M			
	and the second			The second secon			Tab Inputs, Line 133, Co.	Tab Inputs, Line 133, Coi E
	Network	0.55%				\	Tab inputs, Line 134, Col. E.	Co. E
	Network Support	49.12%	bid				Tab inputs, Line 135, Col. E.	5, Col. E
set Factor for P	Support Asset Factor for Plant Employees.	0.0000	Fie: AlT 2002 SAF 2004-01-14 xls. Binder Tab 4M	04-01-14 xls., Birider	Tab 4M		Tab Support Asset Expense,	Expense, Cell F 1
nduj (III)	Inputs - Investment Data							
Account Number	Account Name	FRC	Beginning Investment	Ending investment	Average investment	CC/BC Ratio	Average Inv Current	Notes
Ш	Source	A/T Acct Manual	See note 1	See note 1	G = (E + F)/2	See note 5	1 * G * H	
	Destination.		Birche Tab 4C	Service Tath 4C	NA	H. Bender Tail 4C	Z	-
21111	Land - Administration	300	3,035,336	3,077,129	5 3,056,233	1 0000	12 365 317	See note 2
_	Land - Network Support	20C	\$ 709.955	\$ 719,730	\$ 714,842	1 0000	\$ 714,842	_
Tot	Total Land	20C	16,026,063	\$ 16,246,722		1.0000	\$ 16,136,392	 Sum(Lines 75 77
L	Buildings - Administrative	201	\$ 104,805,402	\$ 108,663,052	\$ 106.734.227	22729	\$ 242.596,225	_
21212	Buildings - Network	200	24 513 513 518	25 415 909	24 96 276 2	22779	5 56 727 417	8 2
Tot	Total Buildings	190	\$ 553,354,817	\$ 573,722,555	\$ 563,538,586	22729	\$ 1,280,867,079	_
Total	Total Analog Electronic Switching	77.0	\$ 12,856,876	\$ 456,130	\$ 6,656,503	1 0000	\$ 6,656,503	
Digit	Digital Electronic Switching	3775	1,494,053,058	5.1	1,538,840,973	0.7245	1,114,890,285	
Radio	Operator Systems	11/L	5 7.232,382	5.745.243	5 6.488.813	1.0245	5 6.647,789	
2232 157 C	Circuit Equipment - DOS	1570	\$ 16,366,901	\$ 15.528.093	\$ 15,947,497	10164	\$ 16,209,035	La
_	Circuit Equipment - Digital Loop Electronics	257C	\$ 896,653,408	\$ 948,943,146	\$ 922,798,277	0.9713	\$ 896,313,967	
	Circuit Equipment - Other Digital	357, 467,827C	\$ 997.229.538	\$ 1.0	1.0	0.9713	\$ 961,326,108	
2232.57	Circuit Equipment - Analog Other	\$7C987C	71.270,901	200,192,008	200,780,954	10179	5 72.047.934	1 C. mil Jane 87 Of
Circi	Larra Drivate Reserve Farthannes	1010	0	0 9	0	0.0000	5	+
Publ	Public Telephone Terminal Equipment	1880				1.1244		
Othe	Other Terminal Equipment	858C	\$ 11,237,128		11,263,558	0.9770	11,004,496	
P O		10	\$ 134,542,304	138,578,012		2.9942	\$ 408,888,424	
	Aerial Cable - Metallic	12.22 C	\$ 744,175,322			17126	1,312,017,676	
2421 822 A	Aertal Cable - Non-Metallic	B18. B225	\$ 795 862 633	20,210,022 20,010,022	1 819 449 871	1,1034	1 170 887 263	1 Sumi max 96 97
34004	Independent Contraction	5 555	E 815 487 100		421 155 450	1 8811	5 040 WA AV	+
	Underground Cable - Non-Metallic	85.585 C	\$ 163,322,980			1 0800	203,050,317	Same (bear 80 100
24 99 4E	Distriction Cable 1000	AK KAK KAK C	812 720 788	8 ARA GRO 178		1,00.1	S 1 147 486 670	+
_	stic	845, 8645, 515 C				1 1034	122.964.033	
ung	Surred Cable 19th	20,000	347 017			24124	1 811 306	+
2000	The state of the s	2000	e 01 177 7/0		60		161 160 507	. 1.
1	Intrabulding Network Cable - Network Intrabulding Network Cable - Nor-Metallic Intrabulding Network Cable - Total	4620	\$ 6.852.720 \$ 99,130,429			1.1034	\$ 7,623,291 \$ 168,792,798	- Sum(Lines 106 107)
Aertal V	Aerial Wire	25.0	\$ 617 702 609	0 855 738 435	8 646 720 522	1.0000	1451 763 061	
Notes: - It Experience Sub-	atment Data Street and Ending Investment st for Correct and Ending Investment st for Correct and Leased Buildings a st for Correct and Leased Buildings is nount lateling for land and building is infighted numbers are adjusted for Alfarent L investment as abiocated to different L in File CH 2002 I ED Data art. Bride Pales CH 2002 I ED Data art. Bride also from File CH 2002 CC, BC pales also from File CH 2	4 2002 GL acct 22 sirbution Data. BC BC Accounts Mar ce. File. OH 2001 peet based on sq.	t data from File OH 2002 GL acot 2xxx xis. Binder Tab 11A re from Building Destruction Data, Binder Tab 11A Note The OH 2002 GL acot 2xxx xis. Binder Tab 11A Null Destruction Data, Binder Tab 11H Owners Building Destruction Data, Binder Tab 11H Owners Source File OH 2001 ARMIS Overtray xis & File AIT 2002 ARMIS Adjustment xis, Binder Tab 11E Owners Building And and Building And and Building types based on square foodage data provided by SBC Real Estate Operations Group, with proportions shown in Inputs - Miscellantions at Tab 44.	as file only for easter of the AT 2002 ARMIS J ed by SBC Real Estar	identification 1 = Adm Adjustment sits, Binder 1 in Operations Group, w	instration, 2 = Neth is 11E. It proportions show	work. 3 = Network Superior	port sous Entres above

Highly Sensitive Confidential

0									0.00	
Account Number	Account Name		FRC	Percent Assigned		180	NOS		Cost of Remova	_
		Source		See note 6.8.9	See notes 7	See note 11	See note 12	See note 13	See note 14	Notes
		Destruitori	V	Ca F. G. H. &!	_	Binder Tabl 4D	H. Binder Tab 4D		Binder Tab 4D	
6121.1-0	Land & Bidg - Owned	1	200	3681	4,487,515		•			See Note 8
61212-0	Land & Bidg		28	2001	18,136,192		•	•		Did.
61210	Total Land & Rulldings - Owned	16	2 20	100 00%	\$ 23.693.321					Sum Line 129 131
6121 1-1	1	# - O	100	50.3%	5,248,666					
61212-4	- Leased	14	90	7690	\$ 57,357					piq
6121.3L	Land & Bidg - Leased - Network Support	16	9	49 1%	\$ 5,122,481					
8121 T	Total Land & Buildings - Lessed	A Comment	8	100 00%	\$ 10,428,504	-			-	Sum Line 133 135
6121,1	8		100		9,736,181					
61212	_		8		18,213,548					
61213	_	4	8		6.172.090					Line 131
6121	Total Land & Buildings - Owned & Leased				C79'171'W					- 1
122	Analog COE				46 NET 144	4 647 779		111 191 95		
7170	Organi Coe				100			90		
11.09	Radio Systems				\$ 79.793		57	\$ 48.260		
5210 157	Creat DDS	157	157M/R	0.2%	\$ 75,050	0	\$ 44.858	\$ 691		See Note 9
6232 257	2	257	TMIR	20 1%	5 6.3	\$ 267,540	\$ 302,922	\$ 4,343,563		piq
6232 357		357	357M/R	68.6%	\$ 21,516,794	\$ 658,575	\$ 5,804,395	\$ 12.095.245		Ibid
6232 57		57 & 4	57 & 457 M/R	11.0%	3,465,360	\$ 114,858		\$ 2,565,928		Did
6232	Total Circuit Equipment			100.001	11,371,951	1,040,974	\$ 7,883,505	\$ 19,005,427		Sum (Line 145, 148)
6341	Large PBX					•				
6351	P.		4	2000	2000		2000	200000		Gara Moder 10
6362 TE	-	990	See Note 10	2007	230.42	0000 300	•			Dee More 10
6362 TW	_	2.5	90 1	30 4436	5 140,405	200,230				lbed l
2000	_		00	100 0%	26 769 663	1 100 030		18.493.304		Sum (Line 152 154)
21.77	Poles Expense				3 3778 319	0	-	_		
6401 22	+	2 53 1	553 M P R	760 00	\$ 75.327.691	\$ 3374872	5	\$ 46		See Note 9
642182	_	82 / N	62 / M P. R	0.1%	\$ 62.076					-
6421	¥			100.0%	15,389,767	\$ 3,374,872	\$ 9,768,553	\$ 46,335,441		_
6422.5	t	5.157	5 15/M P R	98 2%	\$ 19,825,214	\$ 826,967	\$ 4234524	\$ 12,534,305	-	See Note 9
6422.85		#5/A	85/M.P.R	1.8%	\$ 372,578	0 5	40			Di Di
5422	ő			100.001	\$ 20,197,793	\$ 826,967	_			-
6423 45		45, 14	45, 145, 545	%9 66	\$ 53,022,262	\$ 2,096,489	\$ 10,780	\$ 27.5		See Note 9
6423 845		845	845 9845	400 044	197.239	2 200 400	5 40 784 354	51,552		Com (loss 163 164)
27072	Burned Cable	47	0 17 9	2000	0	0				San Note G
0 67 60		98	2 N 19 19	2000						_
6424	Ü	3		0.00						_
6426 442	1	12, 442	12, 442 / M. P. R	99.4%	\$ 1,719,562	0	\$ 870,166	\$ 1.162,707		
6426 462	_	812, 462	ZIM P.R	%90	\$ 10,712	0			0 5	piq
6426	Intrabidg Ntwk Cable			100.0%	1,730,274		_	1,168,590		Sum (Line 159 170)
6431	Aerial Wire - Exchange Line Wire				0	•				
1	Conduit Systems				2,003,243		10,01	130,341		
21.00	Provisioning	_			12 787 427					
6532	Natural Administration				\$ 9.621,675		\$ 662.	\$ 5,631,370		
6533 11	Testing - Subscriber Line - Shared	*	411	%6 88	\$ 31,568,457	\$ 1,423,963	\$ 2,200,100	\$ 22,302,877		See Note 9
6533 12	_	-	127	25.0	\$ 173,875	0				Ibd
6533 3	_	4	41E	%06	3,201,730	\$ 95,945	\$ 2.2			Ibid
6533 4		4	44T	1.6%	\$ 566,727	0	\$ 39,323	\$ 60,435		Ibid
6533 8		81E	BIE BIT	\$600	0	2	.			11
6533	Total Testing			40.001	08/7010'00	908'816'1		24,717,8,412		Sum (Line 177 181)
6534	Plant Operations Administration				5 32 329 459	5 448.983	8,423,032	5 9.697,621		
2000	Engineering.									

Sub-account latering to land and abiliting is not in the official SBC Accounts Manual. They are used in this file only for ease of identification. Letested, 0 = Owned, 1 = Administration, 2 = Network, 3 = Network Support

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1	12 SOAA data from Service Order Activity Adjustment binder Tab 11G 13 Saintes & Wages data from File OH 2002 OSP Cost of Removal Data sit, Binder Tab 11G 14 Cost of Removal Data from File OH 2002 OSP Cost of Removal Data sit, Binder Tab 11K 1240 Table Table Table Table Table Table Table 1240 Table Table
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Caroli Inputs - Utilization Rates Description Description Description PRC 2212 Digital Electronic Switching 2712 2712 Circuit Equipment - Objetal Loop Electronics - Prog-in 2712 2712 Circuit Equipment - Objetal Loop Electronics - Prog-in 2712 2712 Circuit Equipment - Objetal Loop Electronics - Prog-in 2712 2712 Circuit Equipment - Objetal Loop Electronics - Prog-in 2712 2712 Amis Cable - Medialic Loop Electronics - Prog-in 2712 2712 Amis Cable - Medialic - Feeder 2712 2712 Amis Cable - Medialic - Feeder 2712 2712 2712 2713 Circuit Cable - Non-Medialic (Interoffice) 2712 2713	137C Weight 237C Actual Forward-Looking Actual Forward-Looking 357C			
Description Digital Electronic Switching Croud Equipment - Digital Loop Electronics - Chassas Croud Equipment - Organic Loop Electronics - Chassas Croud Equipment - Organic Loop Electronics - Plug-in Croud Equipment - Organic - Description Aerial Cable - Medialic - Feeder Underground Cable - Medialic - Electronics Underground Cable - Medialic - Electronics Underground Cable - Medialic - Feeder Underground Cable - Medialic - Feeder Underground Cable - Medialic - Destronics Burned Cable - Medialic - Destronics Burned Cable - Medialic - Destronics Burned Cable - New Medialic (Interoffice)				
Digital Electronic Switching Circust Equipment - Digital Loop Electronics - Chastana Circust Equipment - Digital Loop Electronics - Prug-in Circust Equipment - Other Digital (interoffice) Annial Cable - Mealine - Enected Annial Cable - Mealine - Enected Annial Cable - Mealine - Distribution Annial Cable - Mealine - Distribution Underground Cable - Mealine - Destrubution Underground Cable - Mealine - Destrubution Underground Cable - Mealine - Destrubution Burine Cable - Mealine - Certodine Burine Cable - Mealine - Destrubution Burined Cable - Mealine - Destrubution Burined Cable - Mealine - Destrubution Burined Cable - Mealine - Destrubution		Forward Looking Utilization	Alternative	1
Circut Equipment - Digital Loop Enchronce - Chessen Circut Equipment - Digital Loop Enchronce - Chessen Circut Equipment - Digital Loop Enchronica - Plug-in Circut Equipment - Oliver Digital (Interoffice) Anna Cable - Mesalic - Feeder Annal Cable - Mesalic - Distribution Annal Cable - Mesalic - Distribution Underground Cable - Massilic - Distribution Underground Cable - Mesalic - Distribution Underground Cable - Mesalic - Distribution Buring Cable - Mesalic - Certonic		65.41%	6541%	T
Circuit Equipment - Object Loop Emilionics - Plug-in Circuit Equipment - Object Loop Emilionics - Plug-in Circuit Equipment - Object Deptils (Interoffice) Aerial Cable - Measing - Destroution Underground Cable - Marsilla - Destroution Underground Cable - Mon-Metallic (Interoffice) Burned Cable - Marsilla - Destroution Burned Cable - Marsilla - Destroution Burned Cable - Measilla - Destroution Burned Cable - Measilla - Destroution	П		Actual Forward-Looking	Therse imputs are not
Aerial Cable - Metallic - Feeder Aerial Cable - Metallic - Distribution Aerial Cable - Metallic - Distribution Aerial Cable - Metallic (Interoffice) Underground Cable - Metallic - Distribution Underground Cable - Non-Metallic (Interoffice) Burned Cable - Metallic - Distribution Burned Cable - Mon-Metallic (Interoffice)	Ī	Actual Forward-Looking	Actual Forward-Looking	required for standard
Aerial Cable - Metallic - Distribution Aerial Cable - Non-Metallic (Interoffice) Underground Cable - Metallic - Distribution Buried Cable - Metallic (Interoffice)			Actual Forward Locking	the state commission
Aeral Cable - Non-Metallic (Interoffice) Underground Cable - Metallic - Clearbeiler Underground Cable - Metallic - Distribution Underground Cable - Non-Metallic (Interoffice) Buried Cable - Metallic - Distribution Duried Cable - Non-Metallic (Interoffice)			Actual Forward-Looking	Orders a different not of
Underground Cable - Metallic - Feeder Underground Cable - Metallic - Distribution Underground Cable - Non-Metallic (Interoffice) Burned Cable - Metallic - Describution Burned Cable - Metallic - Describution Burned Cable - Metallic - Distribution Burned Cable - Metallic - Distribution			Actual Forward-Looking	utilization rates for these
Underground Cable - Non-Metalinic (Interoffice) Underground Cable - Non-Metalinic (Interoffice) Burind Cable - Metalinic - Distriction Burind Cable - Netalinic - Distriction Burind Cable - Netalinic (Interoffice)	SC Actual Forward-Looking		Actual Forward-Looking	accounts. Until then
Underground Cable - Non-Metallia: (Interoffice) Burned Cable - Metallic - Chetribution Burned Cable - Metallic - Chetribution Burned Cable - Non-Metallic (Interoffice)	Actual Forward-Looking		Actual Forward-Looking	The inputs in this
Burnet Cable - Messile - Feeder Burnet Cable - Messile - Chertonion Burnet Cable - Men-Metalic (Interoffice) Inputs - CEV adjustment to Conduit Factor	9	Actual Forward-Looking	Actual Forward-Looking	section do not affect the
Buried Cable - Mediatic - Distribution Buried Cable - Non-Metallic (Interoffice) Inputs - CEV adjustment to Conduit Factor	45C Actual Forward-Looking		Actual Forward-Looking	results of the ACF
Burket Cable - Non-Metallic (Interoffice) Inputs - CEV adjustment to Conduit Factor	Actual Forward-Looking		Actual Forward-Looking	
Inputs - CEV adjustment to	200	Actual Forward-Looking	Actual Forward-Looking	
		Total CEV Current Investment		
Equipment Rem	Unit Price of Units	As of 2002 Year-End		
Source File OH 2	Source: File OH 2002 CEV Investment Summary da	Cell D 282 x E 282		
Destination Col F	F Col.F	Tab Placement Factors, Cell J 29		
a.r	900			
	250			
Site Pinc CON 100	040			
Total \$80.877	250	\$ 20,219 Jul		

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Celt: E90 Comment ARMIS Overlay \$-600,511.31

Celt. H97 Comment: CCBC ratio for this sub account is not available. Use the maximum value of comparable accounts as a conservative actimists

Celt: E102 Comment: ARMIS Overlay \$ 6,801.28

Cell: H107
Comment: CCRC ratio for this sub account is not available. Use the maximum value of comparable accounts as a conservative estimate.

Celt. B136 Comment: 51215 Operating Rental

Cell: F177 Comment: Credit of \$-26.616 18 zeroest out of 6533 8 and piaced in 6533 11 to have total account match ARMIS

Cell: F181 Comment Credit of \$-25.616 16 zeroed out of 6533 8 and placed in 6533 11 to have total account match ARMIS

Cell: F183 Comment Amis Overlay -\$ 368 904 02

Comment Negative SOAA entry \$1,729,501.69, zeroed but.

Care: E221 Comment: Adjusted for ARMIS Overlay for account 2232 and 2423. see comments to these accounts above

Exhibit MS-8 (All Adjustments). Inputs

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FCC Report 43-03, the ARMIS Joint Cost Report Table I. Regulated/Nonregulated Data

Y2002 Total Nonregulat (j)	5,803 931	0 0	692 42	6,495 973	35,469 2,800	533 82	14,358 2,338	79,758 8,244	130,118 13,464	774 0	46,063 13	46,837	2 0	0 08	31,371	31,451	0 5,407	0	0 1,760	9,366 17,404	9,366 24,571	3,778 0	0 06:330	20,198 0	53,219 0	C
-	6,734	0	734	7,468	38,269	615	16,696	88,002	143,582	774	46,076	46,850	2	80	31,372	31,452	5,407	0	1,760	26,770	33,937	3,778	75,390	20,198	53,219	c
Row Title	12 Motor Vehicles Expense	6113 Aircraft Expense	6114 Tools and other work equipment Expense	6110 Network Support Expenses	6121 Land And Building Expense	6122 Furniture And Artwork Expense	6123 Office Equipment Expense	6124 Gen Purpose Computers Expense	6120 General Support Expenses	6211 Non-digital Switching Expense	6212 Digital Electronic Switching Expense	6210 Central Office Switching Expense	6220 Operator Systems Expenses	6231 Radio Systems Expense	6232 Circuit Equipment Expense	6230 Central Office Transmission Expenses	6311 Station Apparatus Expense	Large Private Branch Exchange Expense	6351 Public Tel Terminal Equipment Expense	6362 Other Terminal Equipment Expense	6310 Information O/T Expenses	6411 Poles Expense	6421 Aerial Cable Expense	6422 Underground Cable Expense	6423 Buried Cable Expense	CANA C. thanking and Dans Can Cable Lungan
Row	6112	6113	6114	6110	6121	6122	6123	6124	6120	6211	6212	6210	6220	6231	6232	6230	6311	6341	6351	6362	6310	6411	6421	6422	6423	1010
Company	Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	- 00
Report	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	0000

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			Total	Regulated	Nonregulated	REGULATED %
Company	Row	Row Title	(p)	(i)	6	
o Bell	6112	6112 Motor Vehicles Expense	6,734	5,803	931	86.2%
b Bell	6113	6113 Aircraft Expense	0	0	0	%0.0
o Bell	6114	6114 Tools and other work equipment Expense	734	692	42	94.3%
o Bell	6110	6110 Network Support Expenses	7,468	6,495	973	84.0%
) Bell	6121	6121 Land And Building Expense	38,269	35,469	2,800	92.7%
b Bell	6122	6122 Furniture And Artwork Expense	615	533	82	%4.98
b Bell	6123	6123 Office Equipment Expense	16,696	14,358	2,338	%0'98
o Bell	6124	6124 Gen Purpose Computers Expense	88,002	79,758	8,244	%9'06
o Bell	6120	6120 General Support Expenses	143,582	130,118	13,464	%9'06
o Bell	6211	6211 Non-digital Switching Expense	774	774	0	100.0%
o Bell	6212	6212 Digital Electronic Switching Expense	46,076	46,063	13	100.0%
o Bell	6210	6210 Central Office Switching Expense	46,850	46,837	13	100.0%
o Bell	6220	6220 Operator Systems Expenses	2	2	0	100.0%
o Bell	6231	6231 Radio Systems Expense	80	80	0	100.0%
o Bell	6232	6232 Circuit Equipment Expense	31,372	31,371	1	100.0%
o Bell	6230	6230 Central Office Transmission Expenses	31,452	31,451	1	100.0%
o Bell	6311	6311 Station Apparatus Expense	5,407	0	5,407	%0.0
o Bell	6341	6341 Large Private Branch Exchange Expense	0	0	0	%0.0
o Bell	6351	6351 Public Tel Terminal Equipment Expense	1,760	0	1,760	%0.0
o Bell	6362	6362 Other Terminal Equipment Expense	26,770	998'6	17,404	35.0%
b Bell	6310	6310 Information O/T Expenses	33,937	998'6	24,571	27.6%
b Bell	6411	6411 Poles Expense	3,778	3,778	0	100.0%
o Bell	6421	6421 Aerial Cable Expense	75,390	75,390	0	100.0%
b Bell	6422	6422 Underground Cable Expense	20,198	20,198	0	100.0%
o Bell	6423	6423 Buried Cable Expense	53,219	53,219	0	100.0%
b Bell	6424	6424 Submarine and Deep Sea Cable Expense	0	0	0	%0.0

PUCO Case No. 02-1280-TP-UNC Testimony of Michael Starkey Exhibit MS-8 Page 10 of 34

Data Run Date: 05/17/2004

FCC Report 43-03, the ARMIS Joint Cost Report Table I. Regulated/Nonregulated Data

Y2002 Total	Nonregulated (j)	0	0	0	0	0	342	342	9	1	12,341	3,685	1,656	17,689	8-	4,436	0	30	8	138	4,612	18,397	873	19,270	0	3,726	29,456
	Regulated (i)	1,730	0	2,053	156,368	0	4,787	4,787	12,788	9,622	35,511	48,144	32,330	138,395	70,849	504,172	0	435	17,785	1,435	523,827	95,239	5,238	100,477	5,042	16,015	154,049
Y2002	lotal (b)	1,730	0	2,053	156,368	0	5,129	5,129	12,794	9,623	47,852	51,829	33,986	156,084	70,841	508,608	0	465	17,793	1,573	528,439	113,636	6,111	119,747	5,042	19,741	183,505
	Row Title	6426 Intrabuilding Network Cable Expense	6431 Aerial Wire Expense	6441 Conduit Systems Expense	6410 Cable and Wire Facilities Expenses	6511 PHFTU Expense	6512 Provisioning Expense	6510 Other PP&E Expenses	6531 Power Expense	6532 Network Administration Expense	6533 Testing Expense	6534 Plant Operations Administration Expense	6535 Engineering Expense	6530 Network Operations Expenses	6540 Access Expense Expense	6561 Depreciation-TPIS expense	6562 Depreciation-PHFTU expense	6563 Amortization-tangible expense	6564 Amortization-intangible expense	6565 Amortization-other expense	6560 Depreciation/Amortization Expenses	6611 Product Management and Sales Expense	6613 Product Advertising Expense	6610 Marketing Expense	6621 Call Completion expense	6622 Number Services expense	6623 Customer Services expense
	Row	642	643	644	641	651	651	651	653	653	653	653	653	653	654	959	929	929	959	959	929	661	661	661	99	99	662
	Company	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell	4303 Ohio Bell
	Keport	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303	4303

REGULATED %

100.0%

%0.0

100.0%

93.3%

100.0% 100.0% 74.2% 92.9% 95.1% 88.7%

100.0%

0.0% 93.5% 91.2% 91.2% 83.8% 85.7% 83.9% 100.0% 83.9%

Exhibit MS-8 (All Adjustments)	(ARMIS 43-03 2002 Expenses)

FCC Report 43-03, the ARMIS Joint Cost Report Table I. Regulated/Nonregulated Data

			Y2002	Y2002 Total	Y2002 Total
Company	Row	Row Title	Total (b)	Regulated (i)	Nonregulated (j)
4303 Ohio Bell	6620	6620 Services Expenses	208,288	175,106	33,182
4303 Ohio Bell	6720	6720 General & Administrative	197,987	172,900	25,087
4303 Ohio Bell	0629	6790 Provision for Uncollectible Note Receivable	0	0	0
4303 Ohio Bell	720	720 Total Operating Expenses	1,706,174	1,566,978	139,196
4303 Ohio Bell	7110	7110 Income Custom Work (1990 - 2002)	1,197	1,197	0
4303 Ohio Bell	7130	7130 Return Nonregulated Use (1990 - 2002)	0	0	0
4303 Ohio Bell	7140	7140 Gain/losses Foreign (1990 - 2002)	0	0	0
4303 Ohio Bell	7150	7150 Gain/losses from Land/Artwork (1990 - 2002)	0	0	0
4303 Ohio Bell	7160	7160 Other Operating Gains/losses (1990 - 2002)	-598	-558	40
4303 Ohio Bell	7100	7100 Other Operating Income and Expense	599	639	40
4303 Ohio Bell	7210	7210 Operating Invest. Tax Credit-net	2,735	2,702	33
4303 Ohio Bell	7220	7220 Operating Federal Income Taxes	114,931	121,975	-7,044
4303 Ohio Bell	7230	7230 Operating State and Local Income Taxes	67,339	71,466	4,127
4303 Ohio Bell	7240	7240 Operating Other Taxes	98,451	97,102	1,349
		Provision for Deferred Operating Income Taxes -			
4303 Ohio Bell	7250 Net	Net	37,223	39,505	-2,282
4303 Ohio Bell	7200	7200 Operating Taxes	315,209	327,346	-12,137
4303 Ohio Bell	7310	7310 Dividend Income (1990 - 2002)	0	0	0
4303 Ohio Bell	7320	7320 Interest Income (1990 - 2002)	2,655	2,655	0
4303 Ohio Bell	7330	7330 Income from Sinking/other Funds (1990 - 2002)	0	0	0
4303 Ohio Bell	7340	7340 AFUDC (1990 - 2002)	1,509	1,509	0
4303 Ohio Bell	7350	7350 Gain/losses from Property (1990 - 2002)	0	0	0
4303 Ohio Bell	7360	7360 Other Nonoperating Income	-99,409	-99,409	0
4303 Ohio Bell	7370	7370 Special Charges (1990 - 2002)	18,708	18,698	10
4303 Ohio Bell	7300	7300 Nonoperating Income and Expense	-113,953	-113,943	-10
4303 Ohio Bell	7510	7510 Interest on Funded Debt (1990 - 2002)	23,284	23,007	277

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Poort mber Company Row 4303 Ohio Bell 6620 Services Expenses 4303 Ohio Bell 6720 General & Adminis 4303 Ohio Bell 720 Total Operating Ex 4303 Ohio Bell 7110 Income Custom W 4303 Ohio Bell 7130 Return Nonregulate 4303 Ohio Bell 7140 Gain/losses Foreig 4303 Ohio Bell 7150 Gain/losses from L 4303 Ohio Bell 7160 Other Operating G 4303 Ohio Bell 7100 Other Operating Invest 7303 Ohio Bell 720 Operating Invest 7303 Ohio Bell 720 Operating Sederal 7303 Ohio Bell 720 Operating Sederal	6620 Services Expenses 6720 General & Administrative 6730 General & Administrative 6730 Provision for Uncollectible Note Receivable 720 Total Operating Expenses 7110 Income Custom Work (1990 - 2002) 7130 Return Nonregulated Use (1990 - 2002) 7140 Gain/losses Foreign (1990 - 2002) 7150 Gain/losses from Land/Artwork (1990 - 2002) 7160 Other Operating Gains/losses (1990 - 2002) 7170 Other Operating Income and Expense 7210 Operating Income Taxes	(b) 208,288 197,987 1,706,174 1,197 0 0 0 -598 599 535	(i) 175,106 172,900 0 1,566,978 1,197 0 0	Nonregulated (j) 33,182 25,087 0 139,196 0	84.1% 87.3% 0.0% 91.8% 0.0% 0.0% 93.3%
	tive ctible Note Receivable ctible Note Receivable ctible Note Receivable ct (1990 - 2002) Use (1990 - 2002) Use (1990 - 2002) Use (1990 - 2002) Us/losses (1990 - 2002) Is/losses (1990 - 2002) Is/losses (1990 - 2002) Credit-net	208,288 197,987 1,706,174 1,197 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	175,106 172,900 1,566,978 0 0 0 0		84.1% 87.3% 0.0% 100.0% 0.0% 0.0% 93.3%
	titive ctible Note Receivable nses (1990 - 2002) Use (1990 - 2002) 1990 - 2002) 4/Artwork (1990 - 2002) is/losses (1990 - 2002) me and Expense Ceredit-net	197,987 0 1,706,174 1,197 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,566,978 0 0 0 0 0 0 0 0 0		87.3% 0.0% 91.8% 100.0% 0.0% 0.0%
	ctible Note Receivable nses (1990 - 2002) Use (1990 - 2002) (1990 - 2002) (1990 - 2002) (1990 - 2002) (1990 - 2002) (1990 - 2002) (1990 - 2002) (1990 - 2002) (1990 - 2002) (1990 - 2002) (1990 - 2002) (1990 - 2002) (1990 - 2002) (1990 - 2002) (1990 - 2002) (1990 - 2002) (1990 - 2002) (1990 - 2002) (1990 - 2002)	0 1,706,174 1,197 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,566,978 1,197 0 0 0 0 0		0.0% 91.8% 100.0% 0.0% 0.0% 93.3%
	nses (1990 - 2002) Use (1990 - 2002) (1990 - 2002) (4)Artwork (1990 - 2002) me and Expense (Credit-net	1,706,174 1,197 0 0 0 0 0 -598 599 2,735	1,566,978 1,197 0 0 0 0		91.8% 100.0% 0.0% 0.0% 93.3%
	(1990 - 2002) Use (1990 - 2002) (1990 - 2002) (1990 - 2002) (1990 - 2002) Martwork (1990 - 2002) me and Expense Credit-net	1,197 0 0 0 -598 599 2,735	1,197 0 0 0 0 0		100.0% 0.0% 0.0% 0.0%
	Use (1990 - 2002) (1990 - 2002) d/Artwork (1990 - 2002) is/losses (1990 - 2002) me and Expense c Credit-net	0 0 0 -598 -598 2,735	0 0 0		0.0% 0.0% 0.0%
	1990 - 2002) d/Artwork (1990 - 2002) ss/losses (1990 - 2002) me and Expense c Credit-net	0 0 -598 599 2,735	0 0		0.0%
	d/Artwork (1990 - 2002) Is/losses (1990 - 2002) Ime and Expense It Credit-net	-598 599 2,735	-558		93.3%
	is/losses (1990 - 2002) me and Expense t Credit-net	-598 599 2,735	-558		93.3%
	me and Expense Credit-net	2,735			
	Credit-net	2,735	629	40	106.7%
	come Taxes		2,702	33	%8.86
		114,931	121,975	-7,044	106.1%
	7230 Operating State and Local Income Taxes	62,339	71,466		106.1%
4303 Ohio Bell 7240 Operating Other Taxes	SS	98,451	97,102	1,349	98.6%
	ion for Deferred Operating Income Taxes -				
4303 Ohio Bell 7250 Net		37,223	39,505	-2,282	106.1%
4303 Ohio Bell 7200 Operating Taxes		315,209	327,346	-12,137	103.9%
	7310 Dividend Income (1990 - 2002)	0	0	0	%0.0
4303 Ohio Bell 7320	7320 Interest Income (1990 - 2002)	2,655	2,655	0	100.0%
4303 Ohio Bell 7330	7330 Income from Sinking/other Funds (1990 - 2002)	0	0	0	%0.0
4303 Ohio Bell 7340 AFUD	C (1990 - 2002)	1,509	1,509	0	100.0%
4303 Ohio Bell 7350	7350 Gain/losses from Property (1990 - 2002)	0	0	0	%0.0
4303 Ohio Bell 7360 Other	Nonoperating Income	-99,409	-99,409	0	100.0%
4303 Ohio Bell 7370	7370 Special Charges (1990 - 2002)	18,708	18,698	10	%6.66
4303 Ohio Bell 7300	7300 Nonoperating Income and Expense	-113,953	-113,943	-10	100.0%
4303 Ohio Bell 7510	7510 Interest on Funded Debt (1990 - 2002)	23,284	23,007	277	%8.86

FCC Report 43-03, the ARMIS Joint Cost Report Table I. Regulated/Nonregulated Data

Report Company	Row	Row Title	Y2002 Total (b)	Y2002 Total Regulated	Y2002 Total Nonregulated (j)
4303 Ohio Bell		7520 Interest Expense Capital Leases (1990 - 2002)	78	73	5
4303 Ohio Bell	7530	7530 Amortization Debt Issuance (1990 - 2002)	29	29	0
4303 Ohio Bell	7540	7540 Other Interest Deductions (1990 - 2002)	7,160	2,096	64
4303 Ohio Bell	7500	7500 Interest & Related Items	30,551	30,205	346
4303 Ohio Bell	7610	7610 Extraordinary Income Credits (1990 - 2002)	0	0	0
4303 Ohio Bell	7620	7620 Extraordinary Income Charges (1990 - 2002)	0	0	0
4303 Ohio Bell	7630	7630 Current Income Tax Effect (1990 - 2002)	0	0	0
4303 Ohio Bell	7640	7640 Provision Deferred Tax - Net (1990 - 2002)	0	0	0
4303 Ohio Bell	7600	7600 Extraordinary Items	0	0	0
		Income Effect of Jurisdictional Ratemaking			
4303 Ohio Bell	7910	7910 Difference - Net	0	0	
4303 Ohio Bell	7990	7990 Nonregulated Net Income	0		0
4303 Ohio Bell	750	750 Total Expenses	2,165,288	2,037,833	127,455

REGULATED %	93.6%	100.0%	99.1%	%6.86	%0.0	%0.0	%0.0	%0.0	%0.0	%0.0	%0.0	94.1%
REGUL												

FCC Report 43-03, the ARMIS Joint Cost Report Table I. Regulated/Nonregulated Data

				70071	170071	Total	Total	Total	Total		Γ
Report				Total	Total	Regulated	Regulated	Nonregulated	Nonregulated	REGULATED %	% Q3.
Number	Company	Row	Row Title	(p)	(p)	(9)	(1)	0	0	2002	2001
4303	4303 Ohio Bell	2111	2111 Land	17,785	17,634		16,659			95.0%	94.5%
4303	4303 Ohio Bell	2112	2112 Motor Vehicles	85,517	68,589	79,531	62,577	5,986	6,012	93.0%	91.2%
4303	4303 Ohio Bell	2113	2113 Aircraft	0	0	0	0	0	0	%0.0	%0.0
4303	4303 Ohio Bell	2114	2114 Tools and Other Work Equipment	64,989	62,792	61,787	58,623	3,202	4,169	95.1%	93.4%
4303	4303 Ohio Bell	2121	2121 Buildings	629,045	608,882	596,385	575,213	32,660	33,669	94.8%	94.5%
4303	4303 Ohio Bell	2122	2122 Furniture	2,574	3,643	2,122	2,993	452	920	82.4%	82.2%
4303	4303 Ohio Bell	2123	2123 Office Equipment	6,417	7,142	5,290	5,867	1,127	1,275	82.4%	82.1%
4303	4303 Ohio Bell	2124	2124 General Purpose Computers	51,104	94,902	46,158			7,440	90.3%	92.2%
4303	4303 Ohio Bell	2110	2110 Land and Support Assets	857,431	863,584	808,162	809,394	49,269	54,190	94.3%	93.7%
4303	4303 Ohio Bell	2211	2211 Non-digital Switching	456	12,857	456	12,857	0	0	100.0%	100.0%
4303	4303 Ohio Bell	2212	2212 Digital Electronic Switching	1,584,230	1,494,733	1,583,629	1,494,053	601	089	100.0%	100.0%
4303	4303 Ohio Bell	2210	2210 Central Office Switching	1,584,686	1,507,590	1,584,085	1,506,910	601	089	100.0%	100.0%
4303	4303 Ohio Bell	2220		18,890	19,821	17,145	18,991	1,745	830	%8'06	95.8%
4303	4303 Ohio Bell	2231	2231 Radio Systems	5,745	7,232	5,745		0	0	100.0%	100.0%
4303	4303 Ohio Bell	2232	2232 Circuit Equipment	2,058,251	1,981,591	2,058,178	1,981,520	73	71	100.0%	100.0%
4303	4303 Ohio Bell	2230	2230 Central Office - Transmission	2,063,996	1,988,823	2,063,923	1,988,752	73	71	100.0%	100.0%
4303	4303 Ohio Bell	2311	2311 Station Apparatus	1,597	1,597	0	0	1,597	1,597	%0.0	0.0%
4303	4303 Ohio Bell	2321	2321 Customer Premises Wiring	0	0	0	0	0	0	%0.0	%0.0
4303	4303 Ohio Bell	2341	2341 Large Private Branch Exchanges	0	0	0	0	0	0	0.0%	%0.0
4303	4303 Ohio Bell	2351		32,982	32,677	0	0	32,982	32,677	%0.0	0.0%
4303	4303 Ohio Bell	2362	2362 Other Terminal	11,290	11,237	11,290	11,237	0	0	100.0%	100.0%
4303	4303 Ohio Bell	2310	2310 Information Origination/Termination	45,869	45,511	11,290	11,237	34,579	34,274	24.6%	24.7%
4303	4303 Ohio Bell	2411	2411 Poles	138,578	134,542	138,578	134,542	0	0	100.0%	100.0%
4303	4303 Ohio Bell	2421	2421 Aerial Cable	843,038	795,862	843,038	795,862	0	0	100.0%	100.0%
4303	4303 Ohio Bell	2422	2422 Underground Cable	719,538	698,814	719,520	698,811	18	3	100.0%	100.0%
4303	4303 Ohio Bell	2423	2423 Buried Cable	977,821	942,775	977,812	942,772	6	3	100.0%	100.0%
4303	4303 Ohio Bell	2424	2424 Submarine and Deep Sea Cable	411	410	411	410	0	0	100.0%	100.0%
4303	4303 Ohio Bell	2426	2426 Intrabuilding Network Cable	99,134	99,130	99,134	99,130	0	0	100.0%	100.0%
4303	4303 Ohio Bell	2431	2431 Aerial Wire	0	0	0	0	0	0	%0.0	%0.0
4303	4303 Ohio Bell	2441	2441 Conduit Systems	655,752	637,705	655,738	637,703	14	2	100.0%	100.0%
4303	4303 Ohio Bell	2410	2410 Cable and Wire Facilities	3,434,272	3,309,238	3,434,231	3,309,230	41	80	100.0%	100.0%
4303	4303 Ohio Bell	2681	2681 Capital Leases	1,984	1,984	1,884	1,874	100	110	95.0%	94.5%
4303	4303 Ohio Bell	2682	2682 Leasehold Improvements	3,752	3,862	3,535	3,651	217	211	94.2%	94.5%
4303	4303 Ohio Bell	2680	2680 Amortizable Tangible Assets	5,736			5,525	317	321	94.5%	94.5%
4303	4303 Ohio Bell	2690	2690 Intangibles	60,059	34,169		34,155			%6.66	100.0%
4303	4303 Ohio Bell	2001	2001 TPIS	8,070,939	7,774,582	7,984,280	7,684,194	86,659	90,388	98.9%	98.8%

PUCO Case No. 02-1282-TP-UNC
Testimony of Michael Starkey
Exhibit MS-8
Page 14 of 34

INPUTS FOR JOINT CLEC ADJUSTMENTS TO BUILDING AND LAND INVESTMENT USED IN ACF STUDY

PERCENTAGE OF BUILDING SPACE LEASED TO NON-AFFILIATED ENTITIES (SBC's response to MS-69)

TOTAL SQUARE FOOTAGE LEASED TO THIRD PARTIES



200				The second secon	1000	Onto 2002 Annual Cost Factors (with all Joint CLEC adjustments)		OF STREET	Constitution of the last	
			Bas	Based on 2002 Data	ata				Binder Tab :	٠
			CAPI	CAPITAL COST FACTORS	S	OP	OPERATING EXPENSE FACTORS	ENSE FACTOR	S	TOTAL
Account	Description	FRC	Depreciation	Cost of Money	Income Tax	Maintenance	Other	Ad Valorem Tax @	Commission Assessment @	Annual Cost Factor (ACF)
		Source	See Note 3	See Note 3	See Note 3	See Note 4	See Note 4	See Note 5	Sum (D to 1) * 0.0014	Sum (D to J.)
	otal Land	20C	0.0000	0.0722	0.0318			06000	0.0014	0.1132
	Total Motor Vehides	164C	0.1075	0.0356	0.0157			0600.0	0.0014	0.1680
	Tools and Other Work Equipment	564C	0.0833	0.0321	0.0141			0.0090	0.0014	0.1387
	Buildings - Network	100	0.0209	0.0515	0.0227	0.0186		06000	0.0014	0.1229
	Furniture	261C	0.0413	0.0359	0.0158			06000	0.0014	0.1021
	Office Equipment - Office Support	0	0.1000	0.0322	0.0142			0.0000	0.0014	0,1556
	Office Equipment - Office Communication	262C	0.1429	0.0330	0.0145			0.0090	0.0014	0,1997
	General Purpose Computers	361C	0.1343	0.0343	0.0151			0.0000	0.0014	0.1930
	Digital Electronic Switching	377C	0.0625	0.0324	0.0143	0.0328	0.0112	06000	0.0014	0.1624
	Operator Systems	1170	6060.0	0.0321	0.0141	0.0042	0.0112	06000	0.0014	0.1617
	Radio Systems	D/9	0.1133	0.0319	0.0141	0.0163	0.0112	0.0090	0.0014	0 1961
,	Circuit Equipment - DDS	157C	0.1429	0.0330	0.0145	0.0062	0.0112	060000	0.0014	0.2171
	Circuit Equipment - Digital Loop Electronics	257C	0.0850	0.0317	0.0140	0.0165	0.0112	0.0000	0.0014	0,1676
	Circuit Equipment - Other Digital	357, 467,827C	0.0850	0.0317	0.0140	0.0197	0.0112	06000	0.0014	0,1708
-	Circuit - Digital	257C & 357, 467,8.	0.0850	0.0317	0.0140	0.0182	0.0112	0.0000	0.0014	0.1693
7	Circuit Equipment - Analog Other	57C957C	0.3333	0.0329	0.0145	0.0268	0.0112	06000	0.0014	0.4283
	Public Telephone Terminal Equipment	1880	60600	0.0343	0.0151	0,0000	00000	06000	0.0014	0.1495
T	Other Terminal Equipment	2900	0.1980	0.0350	0.0154	0.0230	0.0083	0.0090	0.0014	0.2891
1		200	0.0679	0.0271	91100	/600.0	0.0083	0.0030	0.0014	0.1341
242122 Aen	Aenal Cable - Metallic	12, 22 C	0.0625	0.0365	0.0161	0.0539	0.0083	0.0000	0.0014	0.1866
T	al Cable - Non-Metallic	918, 8220	0.0020	0,0300	00000	0,000	0.0083	0.0090	0.0014	0.1402
	Underground Cable - Metallic	5, 35C	0.0436	0.0398	0.0175	0.0216	0.0083	06000	0.0014	0.1400
T	Runed Cable - Metallic	45 545 645 C	0.0550	0.0392	0.0173	0.0416	0.0083	00000	1000	20110
	Buried Cable - Non-Metallic	845, 8645, 515 C	0.0440	0.0396	0.0174	0.0081	0.0083	06000	0.0014	0.1266
2426 442 Intra	Intrabuilding Network Cable - Metallic	442C	0.0575	0.0383	0.0169	0.0117	0.0083	0.0090	0.0014	0.1419
22	Intrabuliding Network Cable - Non-Metallic	462C	0.0575	0.0383	0.0169	0.0078	0.0083	0.0000	0.0014	0.1380
	duit	40	0.0215	0.0436	0.0192	0.0019	0.0083	0.0090	0.0014	0.1036
2690 Intar	Intangible Assets		0.1667	0.0300	0.0132			0.0090	0.0014	0.2192
Investment Factors	Factors									
Account	Description	FRC	Sales Tax Factor	Power & Com.	Land Inv.	Building Inv.	Pole Factor	Conduit		ACF with Power,
				Factor	Factor	Factor		Factor		Land and Building
1		Source	See Note 5	See Note 7	See Note 8	See Note 8	See Note 8	See Note 8		See Tath In-Plac
1	Digital Electronic Switching	377C	0.0000	0.0857	0.0040	0.3158	Aerial	Underground		
1	Operator Systems	1170	0.0000	0.0206	0.0040	0.3158	Cable	Cable		
2232 Cm	Circuit Equipment	257C & 357, 467,827C	0.0000	0.0468	0.0040	0.3158	Only	Only		
4	Cable and wire		0.0620				0.2983	12114		
Notes: - General 17.534559 % 2 FRC is for	 Cost of Capital used to develop these elerence only; 	facto 3	 Source Tab Results, Binder Tab 38. Tab Mice Expense Factor, Col. K.; Binder Tab 4A 	ab 38. actor, Col. K.: Binder	Tab 4A	9	6 Tab Inputs, Cell E 243 to 246; Binder Tab 48	HE 243 to 246.	Binder Tab 48	
It represents the lead	It represents the leading FRC of the account rather		or Tab Utilization Adjustment, Col. I. Binder Tab 4A	ustment, Col. I. Binds	er Tab 4A	7	File OH D2001	1 Present and Co.	7 File OH 02001 Power and Common Earthy vie Binder Tah 0	e Tab G

1		Ohio 20	Ohio 2002 Annual Cost Factors (As Filed by SBC Ohio)	st Factors (A	s Filed by S	BC Ohio)				
20	5		Bas	Based on 2002 Data	ata				Binder Tab :	٠
			CAPI	CAPITAL COST FACTORS	S	90	ERATING EXP	OPERATING EXPENSE FACTORS	S	TOTAL
Account	nt Description	FRC	Depreciation	Cost of Money	Income Tax	Maintenance	Other Expense	Ad Valorem Tax @		Annual Cost Factor (ACF)
		Source	See Note 3	See Note 3	See Note 3	See Note 4	See Note 4	See Note 5	Sum (D to 1) * 0.0014	Sum (D to J)
2111	Total Land	200	00000	0.1118	0.0542			0.0121	0.0014	0.1783
2112	Total Motor Vehicles	164C	0.1125	0.0564	0.0273			0.0121	0.0014	0.2086
2114	Tools and Other Work Equipment	264C	0.0833	0.0536	0.0260			0.0121	0.0014	0.1752
21212	Buildings - Network	100	0.0239	0.0869	0.0421	0.0189		0.0121	0.0014	0.1842
2122	Furniture	2610	0.0667	0.0577	0.0280			0.0121	0.0014	0.1647
2123.1	Office Equipment - Office Support	0	0.1000	0.0532	0.0258			0.0121	0.0014	0.1914
2123.2	Office Equipment - Office Communication	262C	0.1429	0.0536	0.0260			0.0121	0.0014	0.2349
2124	General Purpose Computers	361C	0.1667	0.0543	0.0263			0.0121	0.0014	0.2598
2212	Digital Electronic Switching	377C	0.1000	0.0532	0.0258	0.0445	0.0148	0.0121	0.0014	0.2508
2220	Operator Systems	1170	0.1429	0.0536	0.0260	0.0042	0.0148	0.0121	0 0014	0.2540
2231	Radio Systems	91C	0.1429	0.0536	0.0260	0.0209	0.0148	0.0121	0.0014	0.2707
2232 157		157C	0.1429	0.0536	0.0280	0.0064	0.0148	0.0121	0.0014	0.2562
2232 257		257C	0.1111	0.0532	0.0258	0.0250	0.0148	0.0121	0 0014	0.2423
2232 357		357, 467,827C	0.1111	0.0532	0.0258	0.0254	0.0148	0.0121	0.0014	0.2427
2232 x57	7 Circuit - Digital	257C & 357, 467.8	0 1111	0.0532	0.0258	0.0252	0.0148	0.0121	0.0014	0.2425
2232.57		57C/957C	0.3333	0.0518	0.0251	0.0379	0.0148	0.0121	0.0014	0.4757
2351	Public Telephone Terminal Equipment	188C	0.1429	0.0582	0.0282	0.0432	0.0109	0.0121	0.0014	0.2959
2362	Other Terminal Equipment	858C	0.2000	0.0556	0.0269	0.0357	0.0109	0.0121	0.0014	0.3417
2411		10	0.0476	0 0 0 0 4	0.0341	0.0131	0.0109	0.0121	0.0014	0.1885
2421,22		12, 22 C	0.0667	0.0693	0.0336	0.0816	0.0109	0.0121	0.0014	0.2746
2421 822		818, 822C	0.0500	0.0701	0.0340	0.0139	0.0109	0.0121	0.0014	0.1913
2422 5		5, 55C	0.0667	0.0693	0.0336	0.0344	00100	0.0121	0.0014	0.2273
2422.00	Т	32, 283 C	0.0500	10/0.0	0.0340	0.0153	0.0109	0.0121	0.0014	0.1927
2423 845	Supply Cable - Metallic	845, 8645, 545 C	00000	0.0093	0.0336	18500	00000	0.0121	0.0014	0.2527
2426 442		442C	0.0667	0.0693	0.0336	00000	00100	0.0121	2000	0.2120
2426.462		462C	0 0 0 0 0	0.0701	0.0340	0.0141	0.0109	0.0121	0 0014	0.1915
2441	Conduit	40	0.0200	0.0792	0.0384	0.0024	0.0109	0.0121	0.0014	0.1632
2690	Intangible Assets		0.3333	0.0518	0.0251			0.0121	0.0014	0.4229
'n	Investment Factors									
Account	Description	FRC	Sales Tax Factor	Power & Com.	Land Inv.	Building Inv.	Pole Factor	Conduit		ACF with Power
			4	Factor	Factor	Factor		Factor		Land and Building
		Source	See Note 5	See Note 7	See Note 8	See Note 8	See Note 8	See Note B		See Tab In-Plac
2212	Digital Electronic Switching	3770	00000	0.0857	0.0044	0.3466	Aerial	Underground		
0777	Operator Systems	2711		0.0206	0,0044	0.3466	Cable	Cable		
7577	+	257C & 357, 467,827C		0.0468	0.0044	0.3466	A COLO	ALC:		
7411-7441	41 Cable and Wire		0.0520				0.2983	12114		
No	Notes: - General 11.91 % Cost of Capital used to develop these factors 2 FRC is for reference only.	Notes	Notes: - Source 3 Tab Results, Binder Tab 38 4 Tab Mice Expense Factor, Col. K.; Binder Tab 4A.	Tab 38. actor, Col. K.; Binder	Tab 4A	φ.	Tab Inputs, Ce	6 Tab Inputs, Cell E 243 to 246; Binder Tab 4B	6 Tab Inputs, Cell E 243 to 246; Binder Tab 4B	
			The second secon							

20	0		Bas	Based on 2002 Data	ata				Binder Tab :	
)			CAPIT	CAPITAL COST FACTORS	\$5	do	OPERATING EXPENSE FACTORS	ENSE FACTOR	S	TOTAL
Account	nt Description	FRC	Depreciation	Cost of Money	Income Tax	Maintenance	Other	Ad Valorem Tax @	Commission Assessment @	Annual Cost Factor (ACF)
		2000	See Note 3	See Note 5	See richer 3	See role 4	See Note 4	See rese	sum (D to I) mad	roun) was
2111	Total Land	20C	0.0000	-0.0396	-0.0224			-0.0031	0.0000	-0.0651
2112	Total Motor Vehicles	164C	-0.0050	-0.0208	-0.0116			-0.0031	0.0000	-0.0405
2114		564C	0.0000	-0.0215	-0.0119			-0.0031	0.0000	-0.0365
21212		100	-0.0030	-0.0354	-0.0194	-0 0003		-0.0031	00000	-0.0612
2122		2610	-0.0254	-0.0218	-0.0122			-0 0031	00000	-0.0625
2123.1		2	00000	0.0210	0.0116			-0.0031	00000	0.0357
24.00.0		new v	0000	0.200	2000			0000	00000	0.000
2124	General Purpose Computers	3610	-0.0324	-0.0200	-0.0112			-0.0031	0.0000	-0.0667
2212		377C	-0.0375	-0.0208	-0.0115	-0.0117	-0.0036	-0.0031	0.0000	-0.0882
2220		1170	-0.0520	-0.0215	-0.0119	0 0000	-0.0036	-0.0031	00000	-0 0921
2231		2/9	-0.0296	-0.0217	-0.0119	-0.0046	-0.0036	-0.0031	0.0000	-0.0745
2232 157		157C	0.0000	-0.0206	-0.0115	-0.0002	-0.0036	-0.0031	0.0000	-0.0390
2232 257		257C	-0.0261	-0.0215	-0.0118	-0.0085	-0.0036	-0.0031	0.0000	-0.0746
2232 357		357, 467,827C	-0.0261	-0.0215	-0.0118	-0.0057	-0.0036	-0.0031	00000	-0.0718
2232 x57		257C & 357, 467.8	-0.0261	-0.0215	-0.0118	-0.0070	-0.0036	-0.0031	0.0000	-0.0731
2232.57	57 Circuit Equipment - Analog Other	57C/957C	0.0000	-0.0189	-0.0106	-0.0111	-0.0036	-0.0031	0.0000	-0.0473
2351		188C	-0.0520	-0.0239	-0.0131	-0.0432	-0.0109	-0.0031	0.0000	-0.1462
2362	Other Terminal Equipment	858C	-0.0020	-0.0206	-0.0115	-0.0127	-0.0026	-0.0031	0.0000	-0.0525
2411	Poles	10	0.0203	-0.0433	-0.0222	-0.0034	-0.0026	-0.0031	0.0000	-0.0543
242122		12, 22 C	-0.0042	-0.0328	-0.0175	-0.0277	-0.0026	-0.0031	0.0000	-0.0879
2421822		B18, 822C	0.0125	-0.0336	-0.0179	-0.0063	-0.0026	-0.0031	0.0000	-0.0510
2422.5		5, 55C	-0.0231	-0.0295	-0.0161	-0.0128	-0.0026	-0.0031	0.0000	-0.0872
2422.85		85, 585 C	-0.0134	-0.0306	-0.0166	-0.0070	-0.0026	-0.0031	0.0000	-0.0733
2423.45		45, 545, 645 C	-0.0117	-0.0301	-0.0163	-0.0181	-0.0026	-0.0031	0.0000	-0.0819
2423.845		845, 8645, 515 C	-0.0060	-0.0305	-0.0166	-0.0063	-0.0026	-0.0031	0.0000	-0.0651
2426.442	101 Intrabuilding Network Cable - Metallic	4420	0.0032	0.0310	0.0157	-0.0083	0.0026	0.0031	00000	0.0709
2441	T	40.	0.0015	-0.0356	-0.0192	-0 0005	0.0026	-0.0031	00000	0.0595
2690			-0.1666	-0.0218	-0.0119			-0.0031	0.0000	-0.2034
Ę	Investment Factors									
Account	nt Description	FRC	Sales Tax Factor	Power & Com. Factor	Land Inv. Factor	Building Inv. Factor	Pole Factor	Conduit		ACF with Power, Land and Building
		Source	See Note 6	See Note 7	See Note 8	See Note 8	See Note 8	See Note 8		See Tab in-P
2212	Digital Electronic Switching	377C	0.0000	0.000.0	-0.0004	-0.0308	Aertal	Underground		
2220	Operator Systems	1170	0.0000	0.0000	-0.0004	-0.0308	Cable	Cable		
2232	\rightarrow	257C & 357, 467,827C	0.0000	0.0000	-0.0004	-0.0308	Onty	Omly		
2411-2441	441 Cable and Wire		0.0000				0.0000	0.0000		
ž	Notes: - General 11.91 % Cost of Capital used to develop these factors 2 FRC is for reference only	Note	3 Tab Results, Binder Tab 38. 4 Tab Mitre Expense Factor, Col. K.; Binder Tab 4A.	Tab 38 actor, Col K : Binde	r Tab 4A		6 Tab Inputs, Cell E 243 to 246; Binder Tab 4B	II E 243 to 246.	6 Tab inputs, Cell E 243 to 246. Binder Tab 48	
	II TOUTH AND THE PERSON OF THE						The Part of the Pa	THE PERSON NAMED IN		0 10 10 10 10 10 10 10 10 10 10 10 10 10

2 Meternal / tot /	A Ohio Installation Factors Description	2002	C D	0	ш	u.	9	I	-	7	¥
	Ohio Installation Factors Description	2002	Central Office								
	Installation Factors Description		Central Office								
	Description			Accis	I		Outside	Outside Plant Accounts	ounts		
	Description										
		Source	377C	117C	357	22C	822C	50	85C	45C	845C
	Material / total price Vendor Service Included in price	OH 2002	0.7891	0.8339	0.8926	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
	Total Vendor Bill	piq	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
	Vendor Service Not included in price	Did.	3.000			0.3810	0.1458	0.2428	0.3350	1.5158	2.4169
	Telco Labor	8 2	2000	0.0137	0.0305	0.9870	0.3775	0.3981	0.1673	0.8351	0.6058
	TT Telco Other Expense	piq	0.0065	0.0173	0.0147	0.4149	0.3357	0.3174	0.1780	0 3826	1 0621
	Telco Total Additional Cost to Vendor Price	Sum(Rows 8 - 11)	0.0356	0.0975	0.0870	3.2414	1,7178	2.2245	1.0977	3.8424	4.6173
_	In-Place Investment Factors	For each dollar of the vendor equipment price, the following is the lotal investment to put the equipment in place	price, the followin	g is the lotal inve	stment to put the	n equipment in	place				
I	Vendor Price	Factor Base @ \$1	\$ 1,0000 \$	1,0000 \$	1,0000	1 0000 \$	1,0000	1 0000	1 0000	1 0000	1 0000
17 Mater	Material subject to Sales Tax	Row 16 x Row 5	\$ 1987.0 \$	0 8339 S	2 9C80	1 0000	1,0000	1 0000	2000	0000	0000
	Sales Tax Rate	Tab ACF Base (Joint CLECs), Col D				0.0620	0.0620	00900	0.0000	0.0000	00000
19 Sales	Sales Tax Amount	Row 18 x Row 17				0.0620	0.0620	\$ 0.0620	\$ 0.0620	0.0000	0.0620
20 Servi	Service (Not Subject to Sales Tax)	Row 16 x Row 6	\$ 0.2109 \$	0.1661 \$	0.1074 \$						
_	Total Price after Sales Tax	Sum (Rows 17, 19 & 20)	\$ 1,0000 \$	1,0000 \$	1.0000 \$	1.0620 \$	1.0620	\$ 1,0620	\$ 1.0620 \$	1 0620 \$	1.0620
22 23 Addits	Additional Vendor Service	Row 8 x Row 21		•	•	0.4046 \$	0.1548	\$ 0.2579	\$ 0.3558	1 6098	2,5667
24 Telco	Telco Engineering	Row 9 x Row 21	\$ 0.0134 \$	0.0137 \$	0.0305	1.0482 \$	60040	\$ 0.4228	\$ 0.1777	69880	0.6434
25 Telco	Telco Labor	Row 10 x Row 21	\$ 7210.0 \$	0.0665 \$	8 8140.0	1.5489 \$	0.9120	\$ 13447	\$ 0.4433	11777	0.5655
26 Telco	Telco Other Experise	Row 11 x Row 21	\$ 0.0065 \$	0.0173 \$	0.0147	0.4406 \$	0.3565	\$ 0.3371	0.1890	0.4063	1.1280
	Total Additional Cost to Vendor Price		\$ 0.0356 \$	\$ 5160.0	0.0870	3,4424 \$	1.8243	\$ 23624	\$ 1.1658 \$		
28 Total	Total Installed Cost	Sum (Rows 21, 27)	\$ 1,0356 \$	1.0975 \$	1.0870 \$	4.5044 \$	2.8863	\$ 3,4244	\$ 22278 \$	5.1426	\$ 5.9656
29 30 Powe	29 30 Power and Common Factor		0.0857	0.0206	0.0468						
31 Powe	31 Power and Common Equipment Cost	Row 30 x Row 28	\$ 0.0888 \$	0.0226	60,0509						
32 Total	32 Total in-Place investment with Power and Common	Sum(Rows28, 31)	1,1244 \$	1 1	1.1379 \$	4.5044 \$	2.8863	\$ 3,4244	\$ 22278 \$	5.1426 \$	5.9656
34	Property Contract Contract										
35	35 Eminant America Cont.	rux escri dotar or tre vendor equipment price, tre tigilowing is the norward Looking Armala Cost for the Equipment and Placement Assets;	price, the followin	g is the horward	cooking Amual	cost for the Eq	Inpment and	Pacement Ass	ets		
36 Capit	Capital Cost Factors	Sum(Tab ACF Base (Joint CLECs), Co	0.1092	0.1371	0.1307	0.1151	0.1151	0.1009	0.0935	0 1115	01010
37 Base	Base Year Mice & Other Expense Factors	Sum(Tab ACF Base (Joint CLECs), Co	0.044	0.0154	0.0309	0.0622	0.0159	0.0299	0.0166	0.0499	0.0164
38 Open	Operating Expense Inflation Factor	Inflation calculator	1 0000	1 0000	1.0000	1.0000	1.0000	1,0000	1,0000	1 0000	1,0000
39 Forward	Forward Looking Mice & Other Expense Factor	Row 37 x Row 38	0.044	0.0154	0.0309	0.0622	0.0159	0.0299	0.0166	0.0499	0.0164
40 Ad Va	Ad Valorem Tax	Tab ACF Base (Joint CLECs), Col. I	0.009	600.0	60000	0.009	600.0	6000	0.009	6000	6000
41 Forward	Forward Looking ACF before Commission Assessment	Sumi(Rows36, 39 & 40)	0.1622	0.1615	0.1706	0.1863	0.1400	0.1398	0.1191	0.1704	0.1264
42 Forwa	Forward Looking Equipment Annual Cost Before Commission Assessment	Row 41 x Row 32	\$ 0.1824 \$	0.1809 \$	0.1941 \$	0.8392 \$	0.4041	\$ 0.4787	\$ 0.2653 \$	-	1
43 Place	Placement Annual Cost										
44 Land	Land Factor @ ACF Base Year	Tab ACF Base (Joint CLECs), Col. F	0.004	0.004	0.004						
	Land Factor inflation relative to Equipment	CONTRACTOR CONTRACTOR	1.0000	1.0000	1.0000						
46 Forwa	Forward Looking Land Factor		0.004		0.004						
47 Forwa	Forward Locking Land Investment	Row 46 x Row 32	\$ 0.0045 \$	0.0045 \$	0.0046						
48 Land	48 Land ACF - Base Year before Commission Assessment	Sum(Tab ACF Base (Joint CLECs), Cr. \$	\$ 0.1130 \$	0.1130 \$	0.1130						

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Description 2002 Central Office Accts 217C 217C 217 22C 82CC 4.	Ohio	2000									
Intelligitor Factors Davidation Entropy Control Circle Action Control Office Actis Control Circle Acti											
Particulation Absterred Figure 45 Figure 5 5 Cook			Central Office	iccts			Outside	lant Acco	unts		
Part	Description	Source		1170	357		822C	2C	85C	45C	845C
Design D			0.0005		0.0005						
Section of Control Cont		Tab ACF Base (Joint CLECs), Col. G.	0.3158	0.3158	0.3158						
Convent Locking Belleding States Res \$1 + Res \$2 0.1549 0.1549 0.1549 0.1549 0.1549 0.1549 0.1549 0.1549 0.1549 0.1549 0.1549 0.1549 0.1549 0.0541			1 0000	1,0000	1,0000						
Second Looking Board State		Row 51 x Row 52	0.3158	0.3158	0.3158						
Sunt Tab ACT Base (John CEC), C. 0. 0.0551 0.0551 0.0551 0.0555	Forward Looking Building Investment	Row 53 x Row 32	\$ 0.3551 \$	0.3537 \$	0.3593						
Saming Action of Control School Schoo	Capital Cost Factors	Sum(Tab ACF Base (Joint CLECs), Co	0.0951	0.0951	0.0951						
Particular Distance Inflation Facility Particular Distance Inflation Facility Particular Distance Inflation Facility Particular Distance Inflation Facility Particular Distance Inflation Particular Distance	Base Year Mice & Other Expense Factors	Sum(Tab ACF Base (Joint CLECs), Co	0.0186	0.0186	0.0186						
Executed Control March & Other Expense Factors Tan ACPS Base Laber CECO, Col. 1 0.0099	Operating Expense inflation Factor	Inflation calculator	1,0000	1 0000	1 0000						
Page	Forward Looking Mtoe & Other Expense Factor	Row 56 x Row 38	0.0186	0.0186	0.0186						
Page	Ad Valorem Tax	Tab ACF Base (Joint CLECs), Col. I.	600.0	600.0	600.0						
Public Factor (g) ACF Base Year Publ	Forward Looking ACF before Commission Assessment	Sumi Rows55, 58 & 59)	0.1227	0.1227	0.1227						
Page Factor Base Vaer	Forward Looking Building Annual Cost Before Commission Assessment	Row 60 x Row 54	0.0436		0.0441			1			
Pack of Education Pack of Base (Joint CLECa), Coil H Pack of Base (Joint CLECa), Coil H Pack of Base (Joint CLECa), Coil H Pack of Base (Joint CLECa), Coil Die F Pack of Base (Joint CLECa),											
Pare	Pole Factor @ ACF Base Year	Tab ACF Base (Joint CLECs), Col. H				0.2983	0.2983				
Park 5 1 Row 55 1 Row 56 2 Row 64 2 Row 65	Pole Factor inflation relative to Equipment	CONTRACTOR DESCRIPTION OF THE PERSON OF THE				1,000	0000				
Park 61 Miles Park 62 Miles Park 63 Mile	Forward Locking Pole Factor	Row 63 x Row 64				0.2983	0.2963				
Complete Commission Assessment Swift tab ACF Base (Joint CLECs), Cot 10 ib F) 0.1059 0.1059 0.1059 Capital Cost Fictors Swift tab ACF Base (Joint CLECs), Cot 1 ib More Factor Tob ACF Base (Joint CLECs), Cot 1 ib More Factor 1,0000 1,0000 1,0000 Conduit Factor Tob ACF Base (Joint CLECs), Cot 1 ib More Factor Tob ACF Base (Joint CLECs), Cot 1 ib More Factor 0,0159 0,0158 0,0168 Fowward Looking Polic Activation realized and Expense Interest Commission Assessment Tab ACF Base (Joint CLECs), Cot 1 ib More Factor 1,0000 1,0000 1,0000 Conduit Factor Interestment Tab ACF Base (Joint CLECs), Cot 1 ib More Factor Row 75 x Row 50 1,0000 1,0000 1,0000 1,0000 Conduit Factor Interestment Tab ACF Base (Joint CLECs), Cot 0 ib F) Similar Acr Acr Base (Joint CLECs), Cot 0 ib F) 1,1144 1,1144 1,1144 Conduit Factor Interestment Row 75 x Row 26 Row 75 x Row 26 Row 75 x Row 26 1,0000 1,0000 1,0000 Capital Cost Factors Interestment Row 80 x Row 26 Row 80 x Row 26 Row 80 x Row 26 1,1143 x Row 27 1,1143 x Row 27 1,1143 x Row 27 1,1144 x Row 27 1,114	Forward Looking Pole Investment	Row 65 x Row 42				1.3437	0.8610				
Material Acressment Row 72 × Row 66 Sum Tab Acre Base (Joint CLECs), Cot 10 to 10000 1	Capital Cost Factors	Sum(Tab ACF Base (Joint CLECs), Col	D to F)			0.1069	0.1069				
Market Eactor Row 67 70 & 71 70 70 70 70 70 70 70	Base Year Mice & Other Expense Factors	Sum(Tab ACF Base (Joint CLECs), Col	G to H)			0.018	0.018				
Forward Locking Poils Afrona State Inching Conduit Factor (2014) Row 68 x Row 38 Row 63 x Row 38 0.018 0.018 Forward Locking Poils Arthual Cost Before Commission Assessment Sum Rows 67, 70 & 71 yrs \$ 0.1799 \$ 0.1753 \$ 0.1799 \$ 0.1153 Forward Locking Poils Arthual Cost Before Commission Assessment Tab ACF Base (Joint CLECs), Col. I \$ 0.1799 \$ 0.1153 \$ 0.1799 \$ 0.1153 Conduit Factor (2014) Factor (20	Operating Expense Inflation Factor	Inflation calculator				1,0000	1,0000				
Ad Valicem Tax Tata ACF Base (Joint CLECs), Cot 1 0.009 0.009 0.009 Forward Looking ACF Before Commission Assessment Sumf Rows 67, 70 & 71) \$ 0.139 \$ 0.153 \$ 0.153 Conduit Factor @ ACF Base Vering Cooking For Atmail Cost Before Commission Assessment Tab ACF Base (Joint CLECs), Cot 1 \$ 0.1799 \$ 0.1593 \$ 0.153 Conduit Factor @ ACF Base Vering Conduit Factor of Acrossment Cooking Conduit Factor of Acrossment Base (Joint CLECs), Cot 1 Row 75 x Row 75 Row 75 x Row 75 \$ 4.1433 \$ 2.8897 Capital Cost Factors Sumf Tab ACF Base (Joint CLECs), Cot 0 to F) Sumf Tab ACF Base (Joint CLECs), Cot 0 to F) \$ 4.1433 \$ 6.8897 Capital Cost Factors Row 80 x Row 36 Sumf Rows 10.885 Sumf Rows 10.885 \$ 0.1025 \$ 0.1025 Conduit Aminal Cost Before Commission Assessment Sumf Rows 10.851 \$ 0.2264 \$ 0.0014 \$ 0.003 \$ 0.003 Commission Assessment Sumf Rows 42, 49, 61, 73 & 85) \$ 0.0014 0.0014 0.0014 0.0014 0.0014 0.0014	Forward Looking Mice & Other Expense Factor	Row 68 x Row 38				0.018	0.018				
Forward Looking ACF Beter Commission Assessment Sum' Row 67.70 & 71.) Conduit Forcing ACF Beter Version Cost Before Commission Assessment Sum' Row 65 \$ 0.1759 \$ 0.153 Conduit Factor @ Acrimation Before Commission Assessment Tab ACF Base (Joint CLECs), Col. 1 1,2114 1,2114 1,2114 Conduit Factor will be controlled for the Conduit Factor of England Cost Before Commission Research Cooking Conduit Investment Row 75 x Row 76 Row 76 x Row 76 x Row 76 x Row 76 x Row 76 Row 76 x Row 7	Ad Valorem Tax	Tab ACF Base (Joint CLECs), Col. 1				600.0	600.0				
Forward Looking Pole Annual Cost Before Commission Assessment Row 72 x Row 56 \$ 0.1739 \$ 0.1153 Conduit Factor (B Act Base Vear Contrission Assessment Tab ACF Base (Joint CLECs), Col. I 1 2114	Forward Looking ACF before Commission Assessment	Sum(Rows 57, 70 & 71)				0.1339	0.1339				
Conduit Factor ® ACF Base Year Tab ACF Base (Joint CLECs), Cot I 1.2114 1.21	Forward Locking Pole Annual Cost Before Commission Assessment	Row 72 x Row 66			**	_	0.1153				
Conduit Factor @ ACF Base Vear Tab ACF Base (Joint CLECs), Cot 1 1 2114 2 2000 1 2000 1 2000 1 2014 2 2084 2 20											
Conduit Factor Inflation relative to Equipment Row 75 x Row 75 Row 75 x Row 75 Row 75 x Row 75 Row 75 x Row 35 1,0000 1,0	Conduit Factor @ ACF Base Year	Tab ACF Base (Joint CLECs), Col. 1						12114	12114		
Forward Looking Conduit Factor Row 75 x Row 76 Row 75 x Row 76 12114	Conduit Factor Inflation relative to Equipment							1,0000	1,0000		
Forward Looking Conduit Investment Forward Looking Conduit Investment \$ 4.1483 \$ 2.5887 Capital Cost Factors Sum(Tab ACF Base (Joint CLECs), Col. Dio F.) 0.0102 0.043 0.043 Base Year Mice & Other Expense Factors Sum(Tab ACF Base (Joint CLECs), Col. Dio F.) 0.0102 0.0102 0.0102 Operating Expense Inflation Factor Row 80 x Row 30 x Row 80 x Row 30 x Row 80 x Row 30 0.001 0.000 0.000 Forward Looking Alber & Omer Expense Factor Tab ACF Base (Joint CLECx), Col. I x Row 30 x Row 30 0.003 0.003 Forward Looking ACF before Commission Assessment Sum(Rows 10, 82 & 83.) x Row 32 x Ro	Forward Looking Conduit Factor	Row 75 x Row 76						12114	12114		
Capital Cost Factors Sum(Tab ACF Base (Joint CLECs), Col Dto F) 0.04.3 0.084.3 0.084.3 Base Year Mice & Other Expense Factors Sum(Tab ACF Base (Joint CLECs), Col G to H) Inhafore raisolation 0.0102 0.0102 0.0102 Proward Looking Mice & Other Expense Factor Row 80 x Row 36 0.009 Ad Valdorein Tab ACF Before Commission Assessment Sum(Rows 42, 49, 61, 73.8 85) \$ 0.2264 \$ 0.2287 \$ 1.0191 \$ 0.5194 \$ 0.2793 Total In-Place Annual Cost Before Commission Assessment Sum(Rows 42, 49, 61, 73.8 85) \$ 0.02248 \$ 0.0214 \$ 0.0014 \$ 0	Forward Looking Conduit Investment	Row 77 x Row 32					•	4.1483 \$	2.6987		
Base Year Mice & Other Expense Factors Sum(Tab ACF Base (Joint CLECs), Cot G to H) Cot G to H) 00102 00104 00104 00014 00014 00014 00014 00014 00014 00014 00014 00014 00014 00014 00014	Capital Cost Factors	Sum(Tab ACF Base (Joint CLECs), Col	DtoF)					0.0843	0.0843		
Province of Expense Inflation Factor Profession Rate Profession Calculator Profession Calculator <td>Base Year Mice & Other Expense Factors</td> <td>Sum(Tab ACF Base (Joint CLECs), Col</td> <td>G to H)</td> <td></td> <td></td> <td></td> <td></td> <td>0.0102</td> <td>0.0102</td> <td></td> <td></td>	Base Year Mice & Other Expense Factors	Sum(Tab ACF Base (Joint CLECs), Col	G to H)					0.0102	0.0102		
Forward Looking Micro & Other Expense Factor Row 80 x Row 36 Forward Looking Micro & Other Expense Factor Forward Looking Micro & Other Expense Factor Forward Looking Micro & Other Expense Factor Forward Looking Continuity Annual Cost Before Commission Assessment Forward Looking Continuity Annual Cost Before Commission Assessment Forward Looking Continuity Annual Cost Before Commission Assessment \$ 0.4294 \$ 0.2793 Total In-Place Annual Cost Before Commission Assessment Sumi, Rows 42, 49, 61, 73.8.85) \$ 0.2264 \$ 0.2387 \$ 10191 \$ 0.5194 \$ 0.5014 Commission Assessment Tab ACF Base (Joint C.E.Cs), Col. J 0.0014 0.0014 0.0014 0.0014 0.0014 0.0014 0.0014		Inflation calculator						1,0000	1,0000		
Ad Valorem Tax Forward Locking AcF Easte (Joint CLECx), Col. 1 Forward Locking AcF Easte Commission Assessment Forward Locking Conduit Annual Cost Before Commission Assessment Sum (Rows 42, 49, 61, 73.8.85) \$ 0.2254 \$ 0.2248 \$ 0.2387 \$ 10191 \$ 0.5194 \$ 0.0014 Commission Assessment Tab AcF Base (Joint CLECx), Col. J 0.0014 0.0014 0.0014 0.0014 0.0014		Row 80 x Row 38						0.0102	0.0102		
Forward Looking ACF before Commission Assessment		Tab ACF Base (Joint CLECs), Col. 1						6000	6000		
Forward Looking Conduit Annual Cost Before Commission Assessment Row 84 x Row 32 0.4294 \$ 0.2793 0.4294 \$ 0.2793 0.4294 \$ 0.2793 0.4294 \$ 0.2793 0.4294 \$ 0.2793 0.4294 \$ 0.2793 0.4294 \$	Forward Looking ACF before Commission Assessment	Sum(Rows 79, 82 & 83)						0.1035	0.1035		
Total In-Place Annual Cost Before Commission Assessment	_	Row 84 x Row 32					5	0.4294 \$	0.2793		
Commission Assessment Factor Tab ACF Base (Joint CLECs), Col. J. 0.0014 0.0014 0.0014 0.0014 0.0014		Sumi Rows 42, 49, 61, 73 & 65)	\$ 0.2264 \$	0.2248 \$		1				0.8763 \$	0.7540
a rather a record a sector a record a rather a sector a re-		Tab ACF Base (Joint CLECs), Col. J	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014
Row 87 x (1+ Row 88) rounded \$ 0.2258 \$ 0.2251 \$ 0.2391 \$ 1.0205 \$ 0.5201 \$ 0.9094 \$ 0.5454 \$	89 Total In-Place Annual Cost	Row 87 x (1+ Row 88) rounded	\$ 0.2268 \$	0.2251 \$	0.2391 \$	1.0205 \$	0.5201 \$	\$ 7606.0	0.5454 \$	8 2778.0	0.7551

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Binder Tab:

3B

SBC Communications Capital Cost System PC Version 1.0 Results

Ohio

2002

 Cost of Capital :
 7.53%

 Composite Tax Rate:
 35.00%

 Debt Ratio:
 32.84%

 Annual Interest Rate:
 4.15%

Account Number	Account Name	Book Depreciation	Cost of Money	Income Tax Expense	Total Capita Costs
2111	Total Land	0.0%	7.2%	3.2%	10.4%
2112	Total Motor Vehicles	10.8%	3.6%	1.6%	15.9%
2114	Tools and Other Work Equipment	8.3%	3.2%	1.4%	13.0%
2121.1	Buildings - Administrative	2.1%	5.2%	2.3%	9.5%
2121.2	Buildings - Network	2.1%	5.2%	2.3%	9.5%
2121.3	Buildings - Network Support	2.1%	5.2%	2.3%	9.5%
2122	Furniture	4.1%	3.6%	1.6%	9.3%
2123.1	Office Equipment - Office Support	10.0%	3.2%	1.4%	14.6%
2123.2	Office Equipment - Office Communication	14.3%	3.3%	1.5%	19.0%
2124	General Purpose Computers	13.4%	3.4%	1.5%	18.4%
2212	Digital Electronic Switching	6.3%	3.2%	1.4%	10.9%
2220	Operator Systems	9.1%	3.2%	1.4%	13.7%
2231	Radio Systems	11.3%	3.2%	1.4%	15.9%
2232.157	Circuit Equipment - DDS	14.3%	3.3%	1.5%	19.0%
2232.257	Circuit Equipment - Digital Loop Electronic	8.5%	3.2%	1.4%	13.1%
2232.357	Circuit Equipment - Digital Other	8.5%	3.2%	1.4%	13.1%
2232.57	Circuit Equipment - Analog	33.3%	3.3%	1.4%	38.1%
2351	Public Telephone Terminal	9.1%	3.4%	1.5%	14.0%
2362	Other Terminal Equipment	19.8%	3.5%	1.5%	24.8%
2411	Poles	6.8%	2.7%	1.2%	10.7%
2421.22	Aerial Cable - Metallic	6.3%	3.7%	1.6%	11.5%
2421.822	Aerial Cable Non - Non-Metallic	6.3%	3.7%	1.6%	11.5%
2422.5	Underground Cable - Metallic	4.4%	4.0%	1.8%	10.1%
2422.85	Underground Cable - Non-Metallic	3.7%	4.0%	1.7%	9.4%
2423.45	Buried Cable Exchange Metallic	5.5%	3.9%	1.7%	11.1%
2423.845	Buried Cable Non-Metallic	4.4%	4.0%	1.7%	10.1%
2426.442	Intrabuilding Cable - Metallic	5.8%	3.8%	1.7%	11.3%
2426.462	Intrabuilding Cable - Non-Metallic	5.8%	3.8%	1.7%	11.3%
2441	Conduit System	2.1%	4.4%	1.9%	8.4%
2690	Intangible Assets	16.7%	3.0%	1.3%	21.0%

									•				
Ohio	Ohio 2002 Maintenance Expense Factor	e Factor								Sarder Tab	5		
Account	Account Name	FRC	Average Investment Current Cost	Plant Specific Expense	Support Asset Expense	6362 Off. Term Equip. Exp	8531 Power Expense	6533 Testing Expense	Total Expenses	ME Factor		Maintanance Expense Faction as fluid by SBC in OH 2004-01.	Percentage Dvenstatement of Non-regulate Investment as Expenses & Sur
	Source		See Note 1	See Note 2	See Note 3	Section 4	Services	See Note 8	Ja E will seit auf	K - 1.15	Cartesian		
21212	Buildings - Nethersh	100	\$981,528,443	18.213.548	5				\$ 18213548	0.0186	See Note 8	0 0 0 0	
2211	Total Analog Electronic Switzting	244	\$6,656,503	\$ 571.343	•		\$ 77.325		S 598 669	6690	See Note 8	0 1748	
2212	Digital Electronic Switching	3770	\$1,114,890,285	31,995,549	•		\$ 4,576,868		\$ 36,572,217	9.0328	See Note 9	0.0445	
2220	Operator Systems	1175	\$20,960,665	1,724			\$ 86.044		\$ 87.769	0.0042	See Note 8	0.0042	
1022	Radio Systems	349	\$6,647,789	\$ 79,215			\$ 27,289	1,588	\$ 108,093	0.0163	See Note 8	0.0209	
2232 157	Caraul Equipment - DOS	157C	\$16,209,035	\$ 30,182			\$ 66,539	3.873	100.594	0.0062	See Note 8	0.0064	
2232.257	Electronica	2575	\$896,313,967	5,744,285			3.679.404	S 5349.634	\$ 14,773,323	0.0165	See Note 9	0.0250	
2232.357	ent - Other Digital	357, 467,827C	\$981,328,108	\$ 15,063,822			\$ 4.028.382	\$ 234.461	\$ 19,316,666	0.0197	See Note 9		
2232 457		57C & 357, 467,827	•	\$ 20,798,107			\$ 7,707,786	\$ 5.584.095	34,089,989	0.0162	See Note 9		
2232.57	Circuit Equipment - Analog Other	57C957C		1,619,183			\$ 296,760	17214	1 932 156	0.0268	See Note B		
2351	Public Telephone Terminal Equipment	188C	S							0 0000	See Note 8	0 0432	
2362	Other Terminal Equipment	858C	\$11,004,496	182,809		5.840		\$ 64.578	\$ 253.377	0.0230	See Note 3	73600	
2411	Poles	24	\$408,888,424	3,783,465		\$ 216.977			\$ 3,980,442	0.0097	See Note 8	0.0131	
2421 22	•	12.22 C	\$1,312,017,676	\$ 62,184,266		\$ 696,225		\$ 7.830.755	\$ 70,711,246	0.0539	See Note 9	0.0616	
2421 822	₹.	818, 822C	\$58,869,587	62,076		\$ 31,239		351362	\$ 444,677	0.0076	See Note 9	0.0139	
2422.5	Underground Cable - Metallic	5 56C	\$980,345,534	14,763,724		\$ 520,222		\$ 5,851,175	\$ 21,135,121	0.0216	See Note B	0 0344	
2422 85	Underground Cable - Non-Metallic	86, 585 C	\$203,050,317	\$ 372,380		\$ 107,749		1,211,902	1,692,031	0.0063	See Note 9	0.0153	
2423.45	Burked Cathle - Metallic	45, 545, 645 C	\$1,143,486,620	40,145,359	•	\$ 606,793		5 6,824,880	\$ 47,577,032	0.0416	See Note 9	0.0597	
2423.845	Burlind Cable - Non-Metallic	845, 8645, 515 C	\$122.964,033	196,302		\$ 65,251		133,909	\$ 995,462	0.0061	See Note 9	1700	
2428.442	Intrabuliding Network Cable - Metallic	4620	\$161,169,507	M9.396		\$ 85,525		\$ 947,265	1,882,186	0.0117	See Note 8	0.0200	
2428.462	Intrabulding Network Cable - Non-Metallic	462C	162,129.1	\$ 10,712	•	\$ 4,045		\$ 44,805	1 59.563	0.0078	See Note 8	0.0141	
2031	Aestal Wire	30	S							0 0000	See Note 8	0 0000	
2441	Conduit	40	\$1.453,763,061			\$ 771,442			\$ 2,814,115	0.0019	See Note 6	0.0024	
Total			\$ 9959.763.274	197,882,012		1111310	\$ 12.787.412	29,467,502	241,248,238				

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Account Numbers	Plant Category	Investment Current Cost	6512 Provisioning Expense	6532 Network Admin Expense	Operations Expense	6535 Engineering Expense	Total Other Expense	Other Expense			
The second secon	Source	See Note 1	See Non 7	See Non 7	Saw Nate 7	See Note 7	F +G +H +	3/16			
212, 2215, 2220	Switching & Operator Systems	\$ 1,142,507,453	895 968 S	3.286,087	\$ 4.883.998	890,960 4 3	12 825 721	6.0112	Same North R	0.0148	ı
222	Central Office Transmission	\$ 1,972,544,832	\$ 1,036,156	\$ 5,573,446	\$ 8.432.246	7.002 822	22 143 671	0.0512	See Note R	00148	
1362	Terminal Equipment	\$ 11,004,496	\$ 5.775		\$ 47,042	39,066	91,885	0.0083	See Note 8	80100	
	Public Telephone						-	0.0000	See Note 8	80100	
2411 2421 2422 2423 3424 2428 2431 2441	Cable & Wive Facilities	5.851.989.356	3,072,069		\$ 25,024,668	\$ 20,782,518	48,879,255	0.0063	See Note 8	00100	Ī
		THE REAL PART 197	1775 253	1 0 0 0 0 0 1	178 AM IN 3	1 24 5 MAY 4 7 M	STAIN PER		1		1

24.32% 24.32% 23.85% 100.00% 23.85%

Notes: - Destination

8 Tab ACF Sase (John CLECs), Col. G. Binder Tab 1

9 Tab Uttablion Adjustment, Col. E. Binder Tab 4A

Johnson - Source
1 to Preventive Data, Col 1, Brider Tris 4.7
1 the Expense Data, Col 1, Brider Taih 4.7
1 the Expense Data, Col 1, Brider Taih 4.8
1 the Appert Avea (Ferman, Col 1, Brider Taih 4.8
1 the Aboc Con 1 term Exp. Col 1, Brider Taih 4.8
1 the Abocated Prevent Exp. Col 1, Brider Taih 4.6
6 Taih Abocated Trisking Exp. Col 11, Brider Taih 4.1
1 Taih Abocated Other Expenses, Col 1, Brider Taih 4.1

4	Acrount	Description	FRC	Percent Weight	Main- tenance Factors	Forward Looking Unitzation	Alternative	Adjusted Maintenance Factors	Adjusted Maintenance Factor
4		Source		Tab inputs, Col. E	Tab Mice Expense Factor, Col. K	Tab Inputs, Col. J	See Note 1	E /(F /G)	Col D . H
1	2212 D	Digital Electronic Switching	377C		0.0328	65.41%	65.41%		0.0328
16.4	10	Circuit Equipment - Digital Loop Electronics Circuit Equipment - Digital Loop Electronics - Chassis Circuit Equipment - Digital Loop Electronics - Chassis	257C	Actual Forward-Looking Actual Forward Looking		Actual Forward-Looking Actual Forward-Looking	Actual Forward-Looking Actual Forward Jooking	0.0165	0.0165
164	2232 357 C	Circuit Equipment - Other Digital (Interoffice)	357, 467,827C	Paragraph of the state of the s	76100	Actual Forward-Looking	Actual Forward-Looking	3	0.0197
1	242122 A	2421.22 Aerial Cable - Metallic Aerial Cable - Metallic - Feeder Aerial Cable - Metallic - Distribution	12, 22 C	Actual Forward-Looking Actual Forward-Looking	0.0539	Actual Forward-Looking Actual Forward-Looking	Actual Forward-Looking Actual Forward-Looking	0.0539	0.0539
150	421 822 A	2421 822 Aerial Cable - Non-Metallic (Interoffice)	818.822C		0.0076	Actual Forward-Looking	Actual Forward-Looking		0.0076
9	2422 5 U	2422.5 Underground Cable - Metallic Underground Cable - Metallic - Feeter Underground Cable - Metallic - Distribution	5, 55C	Actual Forward-Looking Actual Forward-Looking		Actual Forward-Looking Actual Forward-Looking	Actual Forward-Looking Actual Forward-Looking	0.0216	0.0216
	2422.85 Ui	Underground Cable - Non-Metallic (Interoffice)	85, 585 C		0.0083	Actual Forward-Looking	Actual Forward-Looking		0.0083
	2423.45 B	2423.45 Buried Cable - Metallic Buried Cable - Metallic - Feeder Buried Cable - Metallic - Dietribution	45, 545, 645 C	Actual Forward-Looking Actual Forward-Looking	0,0416	Actual Forward-Looking Actual Forward-Looking	Actual Forward-Looking Actual Forward-Looking	0.0416	0.0416
159	423 845 B	2423 845 Buried Cable - Non-Metallic (Interuffice)	845 8645 515 C		0.0061	Actual Forward-Looking	Actual Forward-Looking		0.0081
10	2232 457 C	Ceruit - Dinital	257C 8 357 467 827C	27C					0.0182
-1 II	7007 011	Unio 2002 Other Factor Adjusted from Forward-Looking to Atternative Utilization Kates	g to Aitemative	Perpent	Other	Forward		Adjusted	Adjusted
- %	Account	Description	FRC	weght	Factor	Looking	Utilization	Other Experse Factor	Factor
1		Source		Tab Inputs, Col E	Factor, Col. K.	Tab inputs, Col. J	See Note 1	E / (F / G)	Col D . H
1	2212 D	2212 Digital Electronic Switching			0.0112	65.41%	65.41%		0.0112
les.	232 257 C	Circuit Equipment - Digital Loop Electronics Circuit Equipment - Digital Loop Electronics - Chassis Circuit Equipment - Digital Loop Electronics - Plug-In	2575	Actual Forward-Looking Actual Forward-Looking		Actual Forward-Looking Actual Forward-Looking	Actual Forward-Looking Actual Forward-Looking	0.0112	0.0112
× 9	232.357 C	2232 357 Cercuit Equipment - Other Digital (Interoffice)	357, 467, 827C		0.0112	Actual Forward-Looking	Actual Forward-Looking		0.0112
	2421 22 A	Aerial Cable - Metailic Aerial Cable - Metailic - Feeder Aerial Cable - Metailic - Distribution	12,22 C	Actual Forward-Looking Actual Forward-Looking		Actual Forward-Looking Actual Forward-Looking	Actual Forward-Looking Actual Forward-Looking	0.0083	0.0083
153	2421 822 Au	Aerial Cable - Non-Metallic (Interoffice)	818, 822C		0.0083	Actual Forward-Looking	Actual Forward-Looking		0.0083
1	2422 5 0	2472.5 Underground Cable - Metailic Underground Cable - Metailic - Feeder Underground Cable - Metailic - Distribution	5, 55C	Actual Forward-Looking Actual Forward-Looking		Actual Forward-Looking Actual Forward-Looking	Actual Forward-Looking Actual Forward-Looking	0.0083	0.0083
1	2422.85 U	Underground Cable - Non-Metallic (Interoffice)	85, 585 C		0.0083	Actual Forward-Looking	Actual Forward-Looking		0.0083
1-1	2423.45 Bi	Buried Cable - Metallic Buried Cable - Metallic - Feeder Buried Cable - Metallic - Distribution	45, 545, 645 C	Actual Forward-Looking Actual Forward-Looking		Actual Forward-Looking Actual Forward-Looking	Actual Forward-Looking Actual Forward-Looking	0.0083	0.0083
1.9	2423.845 B	Buried Cable - Non-Metallic (Interoffice)	845, 8645, 515 C		0,0083	Actual Forward-Looking	Actual Forward-Looking		0.0083
ES	2232 x57 C	Circuit - Digital	257C & 357, 467,827C	270					0.0112

8	2	D	E		9	н		7
Ohio 20	Ohio 2002 Investment Data	8					Binder Tab: 4C	24
Account	Account Name	FRC	Beginning	Ending investment	Average Investment	CC/BC Ratio	Average Inv	
	Source		Tab Inputs, Col. E	Tab Inputs, Col. F.	= (E+F)/2	Tab Inputs, Col. H	I = G x H	
	Destination		S PO	5 PG	Col	Cox		Destination
2111.2	Land - Network	20C	\$ 12,280,772	\$ 12,449,863	\$ 12,365,317	1 0000	\$ 12,365,317	See Note 1
2121.2	Buildings - Network	100	\$ 424,035,796	439,643,594	\$ 431,839,695	2 2 7 2 9	\$ 981,528,443	See Note 1, 2
2211	Total Analog Electronic Switching	770	\$ 12,856,876	\$ 456,130	\$ 6,656,503	1.0000	\$ 6,656,503	See Note 1, 2, 3, 4, 5, 6
2712	Digital Electronic Switching	3770	\$ 1,494,053,058	\$ 1,583,628,888	\$ 1,538,840,973	0.7245	\$ 1,114,890,285	See Note 1, 2, 3, 4, 5,
2220	Operator Systems	1170	\$ 18,991,403	17,144,559	18,067,981	1.1601	\$ 20,960,665	_
12231	Radio Systems	67C	\$ 7,232,382	\$ 5,745,243	\$ 6,488,813	1.0245	\$ 6,647,789	_
2232	Circuit Equipment		\$ 1,981,520,748	\$ 2,058,177,427	\$ 2,019,849,088		\$ 1,965,897,043	See Note 1, 2, 3, 4, 5, 6,
2341	Large Private Branch Exchanges	1010		•	0	0.0000		See Note 3, 4, 5, 6, 7
2351	Public Telephone Terminal Equipment	1880	•	•	•	1.1244	•	See Note 2, 3, 4, 5, 6, 7
2362	Other Terminal Equipment	858C	\$ 11,237,128	11,289,988	11,263,558	0.9770	11,004,496	See Note 2, 3, 4, 5, 5, 7
2411	Poles	10	134,542,304	\$ 138,578,012	\$ 136,560,158	2.9942	\$ 408,888,424	_
2421	Aerial Cable Total		\$ 795,862,033	\$ 843,037,708	\$ 819,449,871		\$ 1,370,887,263	See Note 3, 7
2422	Underground Cable Total		\$ 698,810,177	\$ 719,519,845	\$ 709,165,011		1,183,395,850	See Note 3, 7
2423	Burled Cable Total		\$ 942,771,541	\$ 977,811,685	\$ 960,291,613		\$ 1,266,450,653	See Note 3, 7
2424	Submarine Cable	9C/86C	879,478	\$ 410,510	\$ 410,494	4.4125	1,811,306	See Note 3, 4, 5, 6, 7
2426	Intrabuilding Network Cable Total		\$ 99,130,429	\$ 99,134,069 \$	\$ 99,132,249		\$ 168,792,798	See Note 3, 7
2431	Aerial Wire	30	0	•	0	1.0000		See Note 2, 3, 4, 5, 6, 7
2441	Conduit	9	\$ 637,702,609	\$ 655,738,435	\$ 646,720,522	2.2479	\$ 1,453,763,061	

Ohio 2002 Expense Data Account Name FRC Parcent Annual Expense TBO SOAA		8	0	0	Е	F	G	н		٦
Account Name FRC Percent Anual Expenses TBO SOAA Number Number Source: See Note 3 Tab Inputs, Col. F Tab Inputs, Col. T Tab Inputs, Col. T Col. J	-	Ohio 200	12 Expense Data							Binder Tab :
Account Account Name FRC Paragened Annual Expenses TBO Door 8112 Land & Bog Todal - Network 10C 13 120 Inputs, Col. F 10 is 2010 8213 Land & Bog Todal - Network 10C 2 1272,378 3 2010 8213 Analog Cole 4 2 4.605,311 3 12,420.44 8221 Analog Cole 4 6 1772,378 3 12,420.44 8221 Circial - Dighal Cole 1.57MR 0.2% 6.314,747 3 12,420.44 8222.257 Circial - Dighal Loop 1.57MR 0.2% 6.314,747 3 26,136.54 3 1,475.64 4 440.64 6222.257 Circial - Dighal Loop 257.MR 100.0% 3.137,481 4,406.87 3 1,475.64 3 2,475.64 3 1,475.64 3 1,475.64 3 1,475.64 3 1,475.64 3 1,475.64 3 1,475.64 3 1,475.64 <t< td=""><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	2									
Source: See Note 3 Tab Inputs, Col Tab Inp	6	Account	Account Name	FRC	Percent Assigned	Annual Expenses	TBO	SOAA	Cost of Removal	Recurring
6121 Land & Bug - Total - Network TOC J Col J A 420 at 20 at	4			Source:	See Note 3	Tab Inputs, Col. F	Tab Inputs, Col. G	Tab Inputs, Col. H	Tab Inputs, Col. J	7
61712 Land & Bug, - Total - Network 10C \$ 18713448 \$ 0 \$ 201 0 61712 Land & Bug, - Total - Network 10C \$ 46,063,311 \$ 1,647,279 \$ 172,436 6212 Operator Systems 157MR 0.2% \$ 75,050 \$ 6.5 \$ 44,006 6222 Carcuit - Opter Logial Loop 157MR 0.01% \$ 75,050 \$ 6.34,477 \$ 5,043,30 6222.157 Circuit - Opter Opter Opter I Captal 57,048 \$ 75,050 \$ 6.34,477 \$ 5,043,30 6222.257 Circuit - Opter Opter Opter I Captal 57,048 \$ 20,01% \$ 5,043,477 \$ 5,043,30 6222.157 Circuit - Opter Opter Opter I Captal 57,048 \$ 21,051,747 \$ 5,043,30 \$ 5,043,30 \$ 5,043,30 6222.157 Circuit - Opter Opter I Captal 57,048,47 \$ 5,043,477 \$ 5,043,477 \$ 5,043,477 \$ 5,043,477 \$ 5,043,477 \$ 5,043,477 \$ 5,043,477 \$ 5,043,477 \$ 5,043,477 \$ 5,043,477 \$ 5,043,477 \$ 5,043,477 \$ 5,043,477 \$ 5,043,477 \$ 5,043,477 \$ 5,043,477 \$ 5,043,477	2			Destination:		Col. J	Col. J	Col. J	Col. J	See Note 3
\$212 Analog COE \$ 475.73 8 5 \$ 1,47.27 8 5 \$ 1,47.27 8 5 \$ 1,47.27 8 5 \$ 1,47.27 8 5 \$ 1,47.27 8 5 \$ 1,47.27 8 5 \$ 1,47.27 8 5 \$ 1,47.27 8 5 \$ 1,47.27 8 5 \$ 1,47.27 8 5 \$ 1,47.27 8 5 \$ 1,47.27 8 5 \$ 1,47.27 8 5 \$ 1,47.24 8 5 \$ 1,47.24 8 5 \$ 1,47.27 8 5	9	6121.2	Land & Bidg Total - Network	100		\$ 18,213,548	0 5	0 5		\$ 18,213,548
6222 STATE (STATE) STATE (STATE) <td>1</td> <td>6211</td> <td>Analog COE</td> <td></td> <td></td> <td>\$ 772,378</td> <td>•</td> <td>\$ 201,034</td> <td></td> <td>\$ 571,343</td>	1	6211	Analog COE			\$ 772,378	•	\$ 201,034		\$ 571,343
6232 557 Carcual -Obes Logical Loop 157MR 0 2% 5 78,793 5 44,86 6232 557 Circual -Obgall Loop 157MR 0 2% 5 75,650 5 26,755 5 44,86 6232 557 Circual -Obgall Loop 257MR 6 66,8% 5 14,556 5 66,550 5 14,86 5 804,38 6232 557 Circual -Other Dogical Loop 357MR 6 66,8% 5 21,516,794 5 5804,38 7 7835,39 6232 557 Circual -Other Dogical Loop 357MR 6 66,8% 5 21,516,794 5 7,685,50 5 302,30 632 52 57 Circuit -Other Dogical Loop 5 7,8457 MR 110,0% 5 31,437,73 5 14,737,33 5 17,737,33 632 52 57 Circuit -Other Dogical Loop 5 7,8457 MR 10,0% 5 26,786,50 5 17,737,33 634 1 Large PBX 5 20,441 BX 10,0% 5 18,482,05 5 17,882,05 5 17,882,05 5 17,882,05 5 17,882,05 5 17,882,05 5 17,882,05 5 17,882,05 5 17,882,05 5 17,882,05 5 17,882,05 5 17,882,05 5 17,882,05 5 17,882,05 5 17,882,05 <td>8</td> <td>6212</td> <td>Digital COE</td> <td></td> <td></td> <td>\$ 46,063,311</td> <td>\$ 1,647,279</td> <td>\$ 12,420,483</td> <td></td> <td>\$ 31,995,549</td>	8	6212	Digital COE			\$ 46,063,311	\$ 1,647,279	\$ 12,420,483		\$ 31,995,549
62321 Radio Systems 157MR 0.2% 5 75,050 5 44,66 6222.257 Circuit - Optial Loop 257MR 0.0% 5 15,045 5 6,043 5 44,06 6 6 5 15,045 5 6,040 5 44,06 6 5 15,045 5 6,04,07 5 10,045 5 13,17,1931 5 1,040,974 8 1,731,341 8 1,731,341 8 1,731,3	6	6220	Operator Systems			1,724	0	•		\$ 1,724
6232 57 Circuit -ODR Cape and Age 157MR 0 2% 4 ABB 6232 57 Circuit -Optal Loop 257MR 0 2% 5 7.5 GG 5 4 ABB 6232 57 Circuit -Optal Loop 257MR 1 000% 5 21,5 G,794 5 66,534 7 8 4,58 5 6,434 7 8 68,53 5 1,14,858 1,14,85	0	6231	Radio Systems			\$ 79,793	8 0	\$ 577		\$ 79,215
6232 257 Circuit Digital Loop 227MR 6.01% 6.014,747 5.05,750 5.00,302 6232 257 Circuit Digital Loop 257MR 6.05,75 5.00,494 5.06,505 5.00,494 6.00 5.00,494 5.00,494	-	6232,157	Circuit -DDS	157MR	0.2%		0 \$	\$ 44,868		\$ 30,182
6222.357 Circuit-Other Digital 337MR 68 6% \$ 21,516,794 \$ 688,575 \$ 5804.38 6222.37 Circuit-Other Digital 57.8 457 MR 110% \$ 3,465,380 \$ 114,889 \$ 1,418.98 \$ 1,713,13 6232 Control Explained Terminal 57.8 457 MR 110% \$ 3,471,381 \$ 1,040,974 \$ 1,781,31 6352 Lurge PBX Charled Circuit Equipment See Note 10 0.9% \$ 230,441 \$ 1,040,974 \$ 47,65 636.2 TF Oth Term Equip - Terico Wiring Bibid 688.7% \$ 18,391,077 \$ 26,290 \$ 4,779,64 636.2 Conf. Term Equip - Terico Wiring Bibid 68.7% \$ 18,391,077 \$ 26,290 \$ 4,779,64 636.2 Conf. Term Equip - Terico Wiring Bibid 68.7% \$ 18,392,077 \$ 437,401 \$ 7,883,54 642.1 Soc. Oth Term Equip - Terico Wiring Bibid 68.7% \$ 10,00% \$ 25,789,663 \$ 1,488 642.1 Soc. Oth Term Equip - Terico Wiring Bibid 68.7% \$ 1,000,0% \$ 25,789,663 \$ 1,789,852 642.1 Soc. Oth Term Equip - Terico Wiring	12	6232.257	Circuit - Digital Loop	257MR	20.1%	s	\$ 267,540	\$ 302,922		\$ 5,744,285
6222 57 Cricuit - Analog 57 8 457 MR 110% 5 3 46536 0 1 14 658 5 1 14 1458 6 1 14 1458 6 1 14 1458 6 1 14 1458 6 1 14 1458 6 1 14 1458 6 1 14 1458 6 1 14 1458 6 1 14 1458 6 1 14 1458 6 1 14 1458 6 1 14 1458 6 1 14 1458 6 1 14 1458 6 1 14 1458 6 1 14 1458 6 1 14 1458 6 1 14 1458 6 1 14 1458 6 1 14 14 1458 6 1 14 14 14 1458 6 1 14 14 14 14 14 14 14 14 14 14 14 14 14	13	6232.357	Circuit -Other Digital	357WR	68.6%	5	\$ 658,575	5 5,804,396		\$ 15,053,822
6322 Total Circuit Equipment 100.0% \$ 1,371,951 \$ 1,040,974 \$ 7,883,56 6341 Pulge PRX Pulle Telephone Terminal \$ 0 \$ 0 \$ 47,56 6351 Fublic Telephone Terminal Cont Term Equip - Teleco Rquipment See Note 10 0.9% \$ 230,441 \$ 0 \$ 47,79 6 6362 TW Oht Term Equip - Teleco Wining Ibid 68.7% \$ 230,441 \$ 0.6 \$ 7,64,92 \$ 7,64,92 6362 TW Oht Term Equip - Teleco Wining Ibid 68.7% \$ 230,441 \$ 6.26,206 \$ 7,64,92	4	6232.57	Circuit - Analog	57 & 457 M/R	11.0%	s		\$ 1,731,319		\$ 1,619,183
6341 Large PBX \$ 0 \$ 0 \$ 6 \$ 6 \$ 6 \$ 6 \$ 6 \$ 6 \$ 6 \$ 6 \$ 6 \$ 6 \$ 6 \$ 6 \$ \$ 6 \$ \$ 6 \$ \$ 6 \$ \$ 6 \$ \$ 6 \$ \$ 6 \$ \$ 6 \$ \$ \$ 6 \$ <t< td=""><td>2</td><td>_</td><td>Total Circuit Equipment</td><td></td><td>100.0%</td><td>\$ 31,371,951</td><td></td><td>\$ 7,883,505</td><td></td><td>\$ 22,447,472</td></t<>	2	_	Total Circuit Equipment		100.0%	\$ 31,371,951		\$ 7,883,505		\$ 22,447,472
6351 Public Telephone Terminal See Note 10 0.9% \$ 230,401 \$ 47,556 6362.TW Oth Term Equip - Cleoc Equipment Bee Note 10 30,4% \$ 130,1017 \$ 256,290 \$ 4779,66 6362.C Oth Term Equip - Cleoc Equipment Bibd 66,7% \$ 14,82,205 \$ 256,290 \$ 7,64,392 6362.C Oth Term Equip - Cleoc Equipment Bibd 66,7% \$ 14,391,017 \$ 843,740 \$ 7,64,392 6421.22 Aerial Cable - Metallic 2.52/M, P, R 99,9% \$ 75,327,691 \$ 3,74,872 \$ 9,768,55 6421.82 Aerial Cable - Metallic 82 / M, P, R 99,9% \$ 75,389,767 \$ 9,768,55 \$ 9,768,55 6422.85 Underground Cable - Metallic 85 / M, P, R 100,0% \$ 75,389,767 \$ 9,768,55 \$ 9,768,55 \$ 9,768,55 6422.85 Underground Cable - Non-Metallic 85 / M, P, R 100,0% \$ 20,97,73 \$ 826,967 \$ 4,234,52 \$ 9,768,55 6423.45 Buried Cable - Non-Metallic 845,9845 100,0% \$ 20,97,37,39 \$ 20,96,489 \$ 10,780,41	9	6341	Large PBX				0 \$			s
6362.TE Oth Term Equip Teloco Equipment See Note 10 0.9% S. 230,441 \$ 4779,6 6362.TE Oth Term Equip Teloco Wining Ibid 636,7% \$ 148,301,7 \$ 4779,6 6362.C Oth Term Equip Teloco Wining Ibid 636,7% \$ 18,391,017 \$ 43,740 \$ 4,779,6 6362.C Oth Term Equip Terminal Equipment 100,0% \$ 3,778,319 \$ 14,80,030 \$ 14,482,22 6421.22 Aerial Cable - Metallic 82 / M, P, R 100,0% \$ 3,778,319 \$ 14,482,22 6421.82 Aerial Cable - Metallic 82 / M, P, R 100,0% \$ 75,327,691 \$ 3,74,872 \$ 9,768,55 6421.82 Aerial Cable - Metallic 85 / M, P, R 100,0% \$ 75,389,767 \$ 3,74,872 \$ 9,768,55 6422.64 Burled Cable - Metallic 85 / M, P, R 100,0% \$ 20,197,93 \$ 4,234,52 6423.45 Burled Cable - Metallic 845, 9845 104,8 \$ 10,780,4 \$ 10,780,4 6424.8 Burled Cable - Metallic 6 / M, R 0.0% \$ 20,197,19 \$ 10,780,4	-	6351	Public Telephone Terminal				\$ 0	8		\$
6362.TW Oth Term Equip - Telco Wiring Ibid 30.4% \$ 8,148,205 \$ 256,290 \$ 4,779,64 6362.TW Oth Term Equip - Customer Premises Ibid 66,78 \$ 26,786,63 \$ 1,100,030 \$ 1,486 6362.C Oth Term Equip - Customer Premises Ibid 66,78 \$ 26,786,63 \$ 1,100,030 \$ 1,486 6421.22 Aerial Cable - Merallic 82,1M, P. R 99,9% \$ 75,327,691 \$ 3,74,872 \$ 9,768,56 6421.82 Aerial Cable - Merallic 82,1M, P. R 99,9% \$ 75,327,691 \$ 3,374,872 \$ 9,768,56 6421.82 Aerial Cable - Merallic 82,1M, P. R 96,9% \$ 75,399,767 \$ 9,768,56 6422.65 Underground Cable - Merallic 85,1M, P. R 98,9% \$ 37,27,678 \$ 9,768,55 6422.65 Underground Cable - Merallic 85,1M, P. R 98,6% \$ 20,197,793 \$ 826,967 \$ 4,234,52 6423.45 Burled Cable - Merallic 845,9845 100,0% \$ 53,222,262 \$ 2,096,489 \$ 10,781,33 6424.86 Submarine Cable - Merallic	80	6362.TE	Oth Term Equip - Telco Equipment	See Note 10	0.9%	\$ 230,441	0 8	\$ 47,633		\$ 182,809
6362.C Oth Term Equip - Customer Premises Ibid 66.7% \$ 18.391,017 \$ 843,740 \$ 7,664,98 6362.C Oth Term Equip - Customer Premises Ibid 66.7% \$ 18,391,017 \$ 843,740 \$ 7,643,03 6431 Golder Terminal Equipment 0.0% \$ 3,778,319 \$ 1,100,030 \$ 14,82 6421 22 Aerial Cable - Metallic 82 / M, P, R 0.1% \$ 75,327,691 \$ 3,778,319 \$ 9,768,55 6421 82 Aerial Cable - Metallic 82 / M, P, R 0.1% \$ 75,389,767 \$ 3,374,872 \$ 9,768,55 6422 6 Underground Cable - Metallic 8.1 / M, P, R 100,0% \$ 75,389,767 \$ 3,374,872 \$ 9,768,55 6422 8 Underground Cable - Metallic 8.1 / M, P, R 100,0% \$ 20,197,793 \$ 826,967 \$ 4,234,72 6422 8 Burled Cable - Metallic 845,9845 100,0% \$ 20,197,793 \$ 30,66,489 \$ 10,781,35 6424 8 Submarine Cable - Metallic 86 / M, R 0.0% \$ 53,219,601 \$ 10,781,36 \$ 10,781,36 6424 8 Submar	6	6362.TW	Oth Term Equip - Telco Wiring	piq	30.4%	S	\$ 256,290	\$ 4,779,644		\$ 3,112,271
6362 Other Terminal Equipment 100.0% \$ 26,789,663 \$ 1,100,030 \$ 12,492,22 6411 Poles Expense 0.0% \$ 3,778,319 \$ 0.0 \$ 17,831,319 \$ 0.0 \$ 17,832,22 6421 22 Aerial Cable - Metallic 82 / M, P, R 0.0% \$ 75,389,767 \$ 3,374,872 \$ 9,768,55 6421 82 Aerial Cable - Metallic 82 / M, P, R 100,0% \$ 75,389,767 \$ 3,374,872 \$ 9,768,55 6422 6 Underground Cable - Metallic 85 / M, P, R 108,% \$ 19,825,214 \$ 826,967 \$ 4,234,72 6423 45 Burled Cable - Metallic 85 / M, P, R 108,% \$ 20,197,793 \$ 20,967,489 \$ 10,780,41 6423 45 Burled Cable - Metallic 85 / M, P, R 108,% \$ 20,197,793 \$ 20,967,489 \$ 10,780,41 6424 85 Burled Cable - Metallic 86 / M, R 0.0% \$ 20,195,489 \$ 10,780,41 \$ 10,780,41 6424 85 Submarine Cable - Metallic 86 / M, R 0.0% \$ 20,195,562 \$ 2096,489 \$ 10,780,41 6424 85 <t< td=""><td>0</td><td>6362.C</td><td>Oth Term Equip - Customer Premises</td><td>piq</td><td>68.7%</td><td></td><td>\$ 843,740</td><td>\$ 7,664,960</td><td></td><td>\$ 9,882,317</td></t<>	0	6362.C	Oth Term Equip - Customer Premises	piq	68.7%		\$ 843,740	\$ 7,664,960		\$ 9,882,317
6411 Poles Expense 0.0% \$ 3.778,319 \$ 14,85 6421.22 Aerial Cable - Metallic 82 / M, P, R 0.99% \$ 75,327,691 \$ 9,768,55 6421.82 Aerial Cable - Metallic 82 / M, P, R 0.99% \$ 75,327,691 \$ 9,768,55 6421.82 Aerial Cable - Metallic 82 / M, P, R 100.0% \$ 75,389,767 \$ 9,768,55 6422.85 Underground Cable - Metallic 85 / M, P, R 100.0% \$ 332,578 \$ 9,768,55 642.85 Underground Cable - Metallic 85 / M, P, R 100.0% \$ 30,197,793 \$ 42,347,22 642.85 Burled Cable Metallic 845,9845 100.0% \$ 30,197,793 \$ 42,347,72 642.86 Submarine Cable Ametallic 6 / M, R 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$	-	6362	Other Terminal Equipment		100.0%	s	1,100,030	\$ 12,492,236		\$ 13,177,397
6421.22 Aerial Cable - Metallic 2.52 / M, P, R 99.9% \$ 75,327,691 \$ 3,374,872 \$ 9,768,55 6421.822 Aerial Cable - Non-Metallic 62,1M, P, R 100,0% \$ 75,389,767 \$ 9,768,55 6421.824 Aerial Cable Non-Metallic 5,15 / M, P, R 98.2% \$ 19,825,214 \$ 826,967 \$ 4,234,72 6422.85 Underground Cable - Metallic 65 / M, P, R 18% \$ 20,197,793 \$ 826,967 \$ 4,234,72 6423.45 Burled Cable - Metallic 45,145,545 99.6% \$ 20,197,793 \$ 20,96,489 \$ 10,780,41 6423.45 Burled Cable - Metallic 845,9845 100.0% \$ 53,022,262 \$ 20,96,489 \$ 10,780,41 6423.48 Submarine Cable - Metallic 847,886 \$ 53,219,501 \$ 20,96,489 \$ 10,780,41 6424.86 Submarine Cable - Metallic 86 / M, R 0.0% \$ 53,219,501 \$ 20,96,489 \$ 10,781,35 6426.42 Submarine Cable - Metallic 86 / M, R 0.0% \$ 0.0% \$ 0.0% \$ 0.09 \$ 870,16 6426.42	2	6411	Poles Expense		%0.0	S	0 \$	\$ 14,855	0 \$	\$
6421.822 Aerial Cable Aerial Cable 82 / M, P, R 0.1% \$ 62,076 \$ 9,788,55 \$ 9,788,55 6421 Aerial Cable 100.0% \$ 75,399,767 \$ 3,374,872 \$ 9,788,55 6422 65 Underground Cable 85 / M, P, R 198.2% \$ 19,825,214 \$ 826,967 \$ 4,234,72 6422.85 Underground Cable A6,145,545 99,6% \$ 20,197,793 \$ 826,967 \$ 4,234,72 6423.45 Buried Cable Mon-Metallic 845,9845 0.4% \$ 10,780,41 \$ 10,780,41 6423.84 Buried Cable Mon-Metallic 845,9845 106,0% \$ 5,219,501 \$ 2,096,489 \$ 10,780,41 6424.86 Submarine Cable Non-Metallic 86 / M, R 0.0% \$ 5,219,501 \$ 2,096,489 \$ 10,781,35 6424.86 Submarine Cable Non-Metallic 86 / M, R 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$	3	6421.22	Aerial Cable - Metallic	2,52 / M, P, R	%6.86	2	\$ 3,374,872	\$ 9,768,553	0 \$	\$ 62,184,266
6421 Aerial Cable 100.0% \$ 75,389,767 \$ 3,374,872 \$ 9,768,55 6422.65 Underground Cable - Metallic 85 / M, P, R 98.2% \$ 19,825,214 \$ 826,967 \$ 4,234,52 6422.85 Underground Cable - Non-Metallic 85 / M, P, R 100.0% \$ 20,197,793 \$ 826,967 \$ 4,234,72 6423.45 Burled Cable - Metallic 845,9845 100.0% \$ 20,197,793 \$ 826,967 \$ 4,234,72 6423.45 Burled Cable - Metallic 845,9845 100.0% \$ 5,000,48 \$ 10,780,41 \$	4		Aerial Cable - Non-Metallic	82 / M. P. R	0.1%		0 8	0	0	\$ 62,076
6422.5 Underground Cable - Metallic 5, 15 / M, P, R 98.2% \$ 19,825,214 \$ 826,967 \$ 4.234,52 6422.85 Underground Cable - Non-Metallic 85 / M, P, R 1.8% \$ 372,578 \$ 62,967 \$ 4,234,72 6422.85 Underground Cable - Non-Metallic 45,145,545 99.6% \$ 53,022,262 \$ 20,6489 \$ 10,780,41 6423.45 Burled Cable - Metallic 845,9845 0.4% \$ 197,239 \$ 20,6489 \$ 10,780,41 6423.845 Burled Cable - Non-Metallic 845,9845 0.0% \$ 53,219,501 \$ 2,096,489 \$ 10,781,35 6424.86 Submarine Cable - Non-Metallic 6 / M, R 0.0% \$ 53,219,501 \$ 2,096,489 \$ 10,781,35 6424.86 Submarine Cable - Non-Metallic 86 / M, R 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.713,52 \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 0.0%	25	6421	Aerial Cable		100.0%		\$ 3,374,872	\$ 9,768,553	0	\$ 62,246,342
6422.85 Underground Cable - Non-Metallic 85 / M, P, R 1.8% \$ 372,578 \$ 626,967 \$ 4,234,72 6422.85 Underground Cable - Non-Metallic 45,145,545 99.6% \$ 53,022,262 \$ 20,197,793 \$ 62,347 6423.45 Burled Cable - Metallic 845,9845 0.4% \$ 197,239 \$ 10,780,41 6423.845 Burled Cable - Non-Metallic 845,9845 0.0% \$ 197,239 \$ 10,780,43 6424.86 Submarine Cable - Non-Metallic 6/M, R 0.0% \$ 1,719,562 \$ 10,781,35 6424.86 Submarine Cable - Metallic 6/M, R 0.0% \$ 0.0% \$ 10,712,562 \$ 10,781,35 6424.86 Intrabidg Ntwk Cable - Metallic 12,442/M, P, R 99.4% \$ 1,719,562 \$ 8/0,16 6426.42 Intrabidg Ntwk Cable 100.0% \$ 1,730,274 \$ 8/0,16 6426.43 Intrabidg Ntwk Cable 100.0% \$ 1,730,274 \$ 8/0,16 6426.40 Intrabidg Ntwk Cable 100.0% \$ 1,730,274 \$ 8/0,16 6436 Intrabidg Ntwk Cable 20.00,0%	9	L	Underground Cable - Metallic	5,15/M,P,R	98.2%	\$ 19,	\$ 826,967	\$ 4,234,524	0 \$	\$ 14,763,724
6422 Underground Cable 45,145,545 99.6% \$ 20,197,793 \$ 826,967 \$ 4,234,72 6423.45 Burled Cable - Metallic 45,145,545 99.6% \$ 53,022,262 \$ 2,096,489 \$ 10,780,41 6423.85 Burled Cable - Non-Metallic 845,9845 0.4% \$ 197,239 \$ 2,096,489 \$ 10,781,35 6424.86 Submarine Cable - Non-Metallic 6 / M, R 0.0% \$ 0.0% \$ 10,713,55 \$ 10,781,35 6424.86 Submarine Cable - Non-Metallic 86 / M, R 0.0% \$ 0.0% \$ 0.0% \$ 10,713,55 \$ 10,781,35 6426.42 Intrabidg Ntw. Cable - Metallic 12,442 / M, P, R 99.4% \$ 1,719,562 \$ 870,16 \$ 870,16 6426.43 Intrabidg Ntw. Cable - Mon-Metallic 812,462 / M, P, R 99.4% \$ 1,730,274 \$ 870,16 \$ 870,16 6426.42 Intrabidg Ntw. Cable 100.0% \$ 1,730,274 \$ 870,16 \$ 10,712 \$ 870,16 6436 Intrabidg Ntw. Cable 100.0% \$ 1,730,274 \$ 0 \$ 10,57 \$ 10,57 6431	17	_	Underground Cable - Non-Metallic	85 / M, P, R	1.8%		0	\$ 199	s	\$ 372,380
6423.45 Burled Cable - Metallic 45, 145, 545 99.6% \$ 53,022,262 \$ 2,096,489 \$ 10,780,41 6423.845 Burled Cable - Non-Metallic 845, 9845 0.4% \$ 197,239 \$ 2,096,489 \$ 10,781,35 6424.86 Submarine Cable - Non-Metallic 6 / M. R 0.0% \$ 0.0% \$ 10,713 \$ 0.0% \$ 10,713 6424.86 Submarine Cable - Non-Metallic 86 / M. R 0.0% \$ 0.0%	8	_	Underground Cable		100.0%		\$ 826,967	\$ 4,234,722	8	8
6423.845 Burled Cable - Non-Metallic 845, 9845 0.4% \$ 197,239 \$ 2,096,489 \$ 10,781,35 6423.8 Burled Cable - Non-Metallic 6 / M, R 0.0% \$ 0.0% \$ 2,096,489 \$ 10,781,35 6424.8 Submarine Cable - Metallic 6 / M, R 0.0% \$	6	6423.45	Buried Cable - Metallic	45, 145, 545	89.6%	s	\$ 2,096,489	\$ 10,780,415	0 8	\$ 40,145,359
6423 Burled Cable 100.0% \$ 53,219,501 \$ 2,096,489 \$ 10,781,35 6424.6 Submarine Cable - Metallic 6 / M, R 0.0% \$ 0.0% \$ 0.0% \$ 0.0% \$ 10,781,35 6424.8 Submarine Cable - Non-Metallic 86 / M, R 0.0% \$ 0.0%	00	6423.845	Burled Cable - Non-Metallic	845, 9845	0.4%	s	0	\$ 937		\$ 196,302
6424.66 Submarine Cable - Metallic 6 / M, R 0.0% \$ 0 \$ \$ 6424.86 Submarine Cable - Non-Metallic 86 / M, R 0.0% \$ 0 \$ 0 \$ 6424.86 Submarine Cable - Non-Metallic 12,442 / M, P, R 99.4% \$ 1,719.562 \$ 0 \$ 6426.452 Intrabidg Ntwk Cable - Metallic 812,462 / M, P, R 99.4% \$ 1,719.562 \$ 0 \$ 870,16 6426.452 Intrabidg Ntwk Cable - Metallic 812,462 / M, P, R 100.0% \$ 1,739,562 \$ 0 \$ 870,16 6431 Arial Mire - Exchange Line Wire \$ \$ 1,730,00 \$ \$ 10,712 \$ 0 \$ 8,0,16 6431 Conduit Systems \$ \$ 2,053,243 \$ 0 \$ 10,57 \$ \$ 10,57 \$ \$ \$ 10,57 \$ \$ \$ \$ \$ \$ \$	3.1	6423	Buried Cable		100.0%	s	\$ 2,096,489	\$ 10,781,351	0	\$ 40,341,661
6424.86 Submarine Cable Non-Metallic 86 / M, R 0.0% \$ 0 \$ \$ 6424 Submarine Cable 12,442 / M, P, R 0.0% \$ 0 \$ 0 \$ 6426.422 Intrabidg Ntwk Cable Metallic 12,442 / M, P, R 99.4% \$ 1,719.562 \$ 0 \$ 870.16 6426.452 Intrabidg Ntwk Cable Non-Metallic 812,462 / M, P, R 106.0% \$ 1,739.562 \$ 0 \$ 870.16 6431 Arrial Wire Exchange Line Wire \$ \$ 1,739.243 \$ 0 \$ 870.16 6441 Conduit Systems Conduit Systems \$ 2,053.243 \$ 0 \$ 10,57 6531 Power Power \$ 12,787,427 \$ 0 \$ 13,97	32	6424.6	Submarine Cable - Metallic	6/M,R	%0.0	s	0 \$	0 \$	0 \$	s
6424 Submarine Cable 0.0% \$ \$ \$ 6426.422 Intrabidg Ntwk Cable - Mon-Metallic 12, 442 / M, P, R 99.4% \$ 1,719,562 \$ 0 \$ 8 6426.462 Intrabidg Ntwk Cable - Non-Metallic 812, 462 / M, P, R 0.6% \$ 10,712 \$ 0 \$ 8 6426 Intrabidg Ntwk Cable - Non-Metallic 812, 462 / M, P, R 0.6% \$ 1,730,274 \$ 0 \$ 8 6431 Aerial Wire - Exchange Line Wire \$ \$ 2,053,243 \$ 0 \$ 8 6512 Provisioning \$ 4,786,542 \$ 0 \$ \$ 6531 Power \$ 12,787,427 \$ 0 \$ \$	33	6424.86	Submarine Cable - Non-Metallic	86 / M, R.	%0.0	S	0		0	
6426.462 Intrabldg Ntwk Cable - Metallic 12, 442 / M, P, R 99.4% \$ 1,719,562 \$ 0 \$ 8 8 6426.462 Intrabldg Ntwk Cable - Non-Metallic 812, 462 / M, P, R 0.6% \$ 1,730,274 \$ 0 \$ 8 6426 Intrabldg Ntwk Cable 100.0% \$ 1,730,274 \$ 0 \$ 8 6431 Aerial Wire - Exchange Line Wire \$ 2,053,243 \$ 0 \$ 8 6441 Conduit Systems \$ 4,786,542 \$ 0 \$ 0 6512 Provisioning \$ 4,786,542 \$ 0 \$ 0 6531 Power \$ 12,787,427 \$ 0 \$ 0	×	6424	Submarine Cable		0.0%	0 8	0	0		
6426.462 Intrabldg Ntwk Cable - Non-Metallic 812, 462 / M, P, R 0.6% \$ 10,712 \$ 0 \$ 6426 Intrabldg Ntwk Cable Intrabldg Ntwk Cable \$ 1,730,274 \$ 0 \$ 8 8 6431 Aerial Wire - Exchange Line Wire \$ \$ \$ \$ \$ \$ \$ \$ 6512 Provisioning Power \$ 12,787,427 \$ \$ \$	35	L	Intrabidg Ntwk Cabie - Metallic	12, 442 / M, P, R	99.4%	\$ 1,719,562	0 0	\$ 870,166	0 8	\$ 849,396
6426 Intrabldg Ntwk Cable 100.0% \$ 1,730,274 \$ 0 \$ 8 6431 Aerial Wire - Exchange Line Wire \$ 0	98	_	Intrabidg Ntwk Cable - Non-Metallic	812, 462 / M. P. R	0.6%	s	0 8	0	0 8	\$ 10,712
6431 Aerial Wire - Exchange Line Wire \$ 0 \$ 0 \$ 6441 Conduit Systems \$ 2,053,243 \$ 0 \$ 6512 Provisioning \$ 4,786,542 \$ 0 \$ 6531 Power \$ 12,787,427 \$ 0 \$	37	6426	Intrabidg Ntwk Cable		100.0%	\$ 1,730,274	0	\$ 870,166		\$ 860,108
6441 Conduit Systems \$ 2,053,243 \$ 0 \$ 6512 Provisioning \$ 4,786,542 \$ 0 \$ 6531 Power \$ 12,787,427 \$ 0 \$	38	6431	Aerial Wire - Exchange Line Wire			0 \$	0 8	0 8	0	s
6512 Provisioning \$ 4,786,542 \$ 0 \$ 6531 Power \$ 12,787,427 \$ 0 \$	33	6441	Conduit Systems			\$ 2,053,243	0	10,571		\$ 2,042,673
6531 Power 6531 0 0 \$	9	6512	Provisioning			\$ 4,786,542	0	\$ 73,974		\$ 4,712,568
	=	6531	Power			\$ 12,787,427	0 8	\$ 15		\$ 12,787,412

Exhibit MS-8 (All Adjustments) Expense Data

	8	υ	Q	-	Е	ı.		9		ı	_		7
9	io 200	Ohio 2002 Expense Data											Binder Tab :
												ı	
42 6532	32	Network Administration			8	9,621,675 \$	\$ 52	0	s	662,141		s	8,959,533
_	6533,11	Testing - Subscriber Line - Shared	41T		88.9% \$	31,568,457	\$ 151	1,423,963	2	2,200,100		8	27,944,394
	6533.12	Testing - Regulated Subscriber Line	42T	_	0.5% \$	173,875	175 \$	0		51,124		s	122,752
9	6533,30	Testing - Service Order	41E	_	9.0%	3,201,730	30 8	95,945	s	2,222,186		S	883,598
9	6533.40	Testing - Interoffice - Facilities	44T	_	1.6% \$	566,727	27 \$	0	s	39,323		50	527,405
9	6533.80	Testing - Public and Other	81E, 81T	_	0.0%		0	0	s	0		5	
6533	33	Total Testing			100.0%	35,510,790 \$	\$ 064	1,519,908		4,512,733		~	29,478,148
6534	34	Plant Operations Administration		-	~	48,144,872	72 \$	333,866	~	9,423,052		~	38,387,954
6535	35	Engineering			~	32,329,459	\$ 651	448,983	s	0		8	31,880,476
	Notes	Notes: - General				N	Notes: - Source	ource	i				
	- 2	1 100% of TBO Expenses has been removed from recurring expenses 2 FRC is for reference only, not an all inclusive list.	loved from recurri	эд ехрег	ISes		3 Tat	3 Tab Inputs, Col. E ; Binder Tab 4B	Binder	Tab 4B			
	Notes	Notes: - Destination											
	e	3 Except for accounts to be allocated, Recurring Expenses are posted to Tab Mice Expense Factor, Col. E.; Binder Tab 4A	ecurring Expenses der Tab 4A	s are pos	ot bets								
	47	4 Tab Alloc Oth Term. Exp. Cell H 32; Binder Tab 4F	nder Tab 4F				10 Tab	10 Tab Allocated Other Expenses, Cell G 12; Binder Tab 41	er Expen	ses, Cell G 12;	Binder Tab	4	
	,	5 Tab Allocated Power Exp., Cell H 32; Binder Tab 4G	Binder Tab 4G				11 Tab	11 Tab Allocated Other Expenses, Cell G 23; Binder Tab 41	er Expen	ses. Cell G 23	Binder Tab	41	

	Onio 2002 Support Asset Expense		Support Asset Factor :	Factor:	1,000				Binder Tab	4
			From Tab Inputs, Cell D 69	uts, Cell D 69						
Account	Account Name	FRC	Percent	Annual Expenses	SOAA	Salary & Wage	Proportion	Recurring Salaries &Wages	Support Asset Expense	Notes
	anos		Tab Expense Data, Col E	Tab Expense Data Col F	Tab Expense Data. Col H	Tab Inputs, Col I	3 / 4 s	-G * (1-H)	= x 0 (SAF)	
	Destination	-	N.A.	Col H	8	Col	Col	Col J	See Note 1	
6121.2	Land & Bidg - Total - Network	100	3.00	\$ 18213.548	\$ 201.034	\$ 656.214	26 03%	\$ 485,414		
6212	Digital CDE		760	\$ 46,063,311	\$ 12,420,483	\$ 28,361,333	26.96%	195,444,361		
6220	Operator Systems		66	1,724	0 0 0 0	1 48.260	0.00%	88 4		
6232 157	7 Circuit - DDS	157MR	0.2%	\$ 75,050	\$ 44.868	169	59 78%	\$ 278	0	
6232 257	_	257MR	20 1%	\$ 6.314.747	\$ 302,922	\$ 4343,563	4 80%	\$ 4,135,200		
6232 357		357MR	68.6%	21,516,794	5.804.395	\$ 12,095,245	26 98%			
6232 57	Total Clean Englander	57 & 457 WR	100.001	3,465,360	1,731,319	1 19 005 427	25 13%	\$ 14.229.525		
5341	Large PBX		X0.0			0	7.00 D	•		
6351	Public Telephone Terminal	Same Modes 10	200	230 441	47 633	156675	20.67%	124 290		
KWC TW	Oth Term Equp - Telco Equipment	The state of	30 4%	\$ 8.148,205	\$ 4,779,644	\$ 5,330,656	28 66%	\$ 2,203,754		See Note 2
5362 C	Oth Term Equip - Customer Premises	B	7.89	\$ 18,391,017	3 7,664,960	\$ 13,005,974	41 68%	\$ 7.585,378		
6362	Other Terminal Equipment		100.0%	26,769,663	12,492,236	5 18,493,304	40.0	8 690 BA		
6424 55	Annual Carles Manual	310 M P P	20 00	16 327 691	\$ 9.768 553	\$ 46.297.613	12 97%	\$ 40.293.703	0	
6421 822		8 4 M	210	\$ 62,076	0	38,828	0.000	38,828		
1279	A		100 0%	15,389,767	\$ 9,768,553	\$ 46,336,441	12.96%			
6422.5	H	S 15/W P R	98.2%	19.825.214	\$ 4234,524	\$ 12,534,305	21 36%	a		
6422.85	Underground Cable - Non-Metalls:	2	180	20.197.793	\$ 4234.722	12,780,219	20.87%	10,004,878		
6423 45	+	45, 145, 545	29 86	\$ 53,022,262	\$ 10,780,415	\$ 27,525,173	20 33%	27.5	0	
6423 845	į	845, 8845	***0	197,239	837	\$ 51,552	0.47%	\$1,307		
6423	Buried Cable	0 77.9	2000	105,812,55	10,181,01	0 0	0.000			
6424 86		86 / K. R	160				1000			
6424	Sub		0.0%			0	200.0			
6426 442	_	12 442/MPR	% 96 6	1,719.562	870,16	1,162,707	\$0.80%	40		
5426 462	7	812 462 / M. P. R	10000	1730.274	870.166	1.168.590	2000	580.893		
6431	Aerial Wire - Exchange Line Wire		200	0	0	0	X-00 0	0	0	
177	Conduit Systems		20.0	\$ 2,053,243	10,571	190,341	0.51%	186,381		
6512	Provisioning		260	4,786,542	\$ 73,874	1,841,018	1 85%	1,812,586		See Note 4
6531	Power		200	\$ 9.621.675	15 662 141	1 5.631.370	200.0	5 5243.832	• •	See Note 5
6533 11		411	88 9%	\$ 31,568,457	\$ 2,200,100	\$ 22,302,877	8.25.8	\$ 20,748,523	0	See Note 2
6533 12	_	124	20.5%	\$ 173,875	\$ \$1,124	138.696	29 40%	\$ 97.917	0	See Note 2
6533 3	Testing - Service Order	##E	\$0 a	\$ 3,201,730	\$ 2222,186	\$ 2277,403	69.41%	1 696,753		See Note 2
6533.4		17	16	\$ 586,727	39,323	\$ 60.435	2 20	18.24 1		See Note 2
6533 8		81E. 81T	200		0	2	2000	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		See Note 5
6533	Total Testing		2000	23,214,872	4 0 421 042	20 710 356	10 67%			See Note 6
6536	Engineering		0.0%	\$ 32,329,459		\$ 9,697,621	2000	\$ 9,697,621	0	See Note 7
ž	Notes: - Destination 1 Except the accounts to be allocated, Recurring Support Asset Expenses are posited to Tab Mice Expense Factor, Col.; Binder Tab 4A 2 Tab Allocated Power Exp., Cell 122; Binder Tab 4G 3 Tab Allocated Power Exp., Cell 122; Binder Tab 4G 4 Tab Allocated Other Expenses, Cell H 12; Binder Tab 4i 5 Tab Allocated Other Expenses, Cell H 12; Binder Tab 4i 6 Tab Allocated Other Expenses, Cell H 134; Binder Tab 4i 6 Tab Allocated Other Expenses, Cell H 134; Binder Tab 4i	Asset Expenses are	posted to Tab Mi	ce Expense Factor, Co	Binder Tab 4A					

Purpose: This sheet Allocates the wire-related expenses of account 5822 to the Cable and Wire animenance factors. Allocated Other Terminal Equipment of the Cable and Wire animenance factors. Allocation Allocated Other Terminal Equipment of the Cable and Wire animenance factors. Allocation Allocated Other Empires Al
Base Percentage Col. H Allocated Oth Percentage Expense Expense Col. H Allocated Oth Col. J Col. J See No. 0.00% S 0.000% S 0.0000% S 0.000% S 0.000% S 0.000% S 0.000% S 0.000% S 0.000% S 0.0000% S 0.000% S 0.0000% S 0.0000% S 0.000% S 0.000% S 0.000% S 0.000% S 0.000% S 0.0000% S 0.000% S 0.0000% S
RC Average Inv Ves=1 / Current Allocation Allocation Base Allocated Oth Allocation Base
See Note 1
Col. F Col. G Col. H Col. J See No \$ 666503 0 \$ 0 000% \$ 0
\$ 1,004,496 \$ 1,004,496 \$ 1,004,496 \$ 1,004,496 \$ 1,004,496 \$ 1,004,496 \$ 1,004,496 \$ 1,143,306,31 \$ 1,143,306,306,31 </th
\$ 1,114,890,285 0 \$ 0.00% \$ 0 \$ 0 \$ \$ 0 \$
\$ 20,960,665 0 \$ 0.00% \$ 0 \$ 0 \$ \$ 0 \$
\$ 6,647,789 0 \$ 0,00% \$ 0,00% \$ 0 \$ 0 \$ \$ 0 \$ \$ 0 \$
\$ 16,209,035 0 \$ 0,00% \$ 0,00% \$ 0
\$ 896,313,967 0 \$ 0.00% \$
67/827C \$ 981,326,108 0 \$ 0.00% \$ \$ 0 \$
57C \$ 72,047,934 0 \$ 0.00% \$ 0.00% \$ 0 \$
\$ \$ 0.00% 0.00% \$
\$ 0 \$ 0 \$ 0 \$
\$ 11,004,496 1 \$ 11,004,496 1 \$ 11,004,496 0.19% \$ 5,840 \$ 0 \$ 22 \$ 408,888,424 1 \$ 408,888,424 6,97% \$ 216,977 \$ 0 \$ 22 \$ 1,22C \$ 5,8869,587 1 1,00% \$ 31,239 \$ 0 \$ 66 \$ 980,345,534 1 \$ 22,37% \$ 520,222 \$ 0 \$ 66 \$ 980,345,534 1 \$ 203,050,317 3,46% \$ 107,749 \$ 0 \$ 55 \$ 5,645 C \$ 1,143,486,620 1 \$ 1,143,486,620 1 \$ 107,749 \$ 66,793 \$ 66,79
\$ 408,888,424 1 \$ 408,888,424 1 \$ 408,888,424 1 \$ 5,888,424 1 \$ 5,888,424 1 \$ 5,888,424 1 \$ 5,888,424 1 \$ 5,888,424 1 \$ 5,888,424 1 \$ 5,888,425 \$ 5,237,82 \$ 5,212,22
C \$ 1,312,017,676 1 \$ 1,312,017,676 22,37% \$ 696,225 \$ 66 \$22C \$ 58,889,587 1 \$ 58,889,587 1 \$ 58,889,587 1 \$ 58,889,587 1 \$ 58,889,587 1 \$ 58,889,587 1 \$ 58,889,587 1 \$ 58,889,587 1 \$ 58,889,587 1 \$ 58,889,587 1 \$ 58,889,587 1 \$ 58,889,587 1 \$ 58,889,587 1 \$ 58,582 <t< td=""></t<>
22C \$ 58,869,587 1 \$ 58,869,587 1 \$ 58,869,587 1 \$ 50,322 \$ 5 \$ 5 5 \$ 980,345,534 1 \$ 980,345,534 16,72% \$ 520,222 \$ 5 \$ 5 5 \$ 203,060,317 3 46% \$ 107,749 \$ 0 \$ 5 10 \$ 5 5 \$ 1,43,486,520 1 \$ 5,646,033 \$ 1,43,486,520 1 \$ 5,667,93 \$ 66,793
5 980,345,534 1 \$ 980,345,534 1 6,72% \$ 520,222 \$ 50 \$ 55 5 5 203,050,317 1 \$ 203,050,317 3.46% \$ 107,749 \$ 0 \$ 10 5 5 1,43,466,620 1 \$ 1,143,466,620 19,50% \$ 66,251 \$ 0 \$ 10 645,515 \$ 122,964,033 1 \$ 122,964,033 2.10% \$ 65,251 \$ 0 \$ 65 C \$ 1,811,306 1 \$ 161,169,507 1 \$ 161,169,507 \$ 2,75% \$ 85,525 \$ 0 \$ 8 S 7,622,291 5 1 \$ 7,623,291 5 1 \$ 161,169,507 \$ 4,045 \$ 0 \$ 8 S 7,623,291 1 \$ 7,623,291 1 \$ 7,623,291 \$ 0 \$ 0 \$ 0 S 1 \$ 1,453,763,061 1 \$ 1,453,763,061 1 \$ 3,112,271 \$ 0 \$ 3,112
S
5.645 C \$ 1,143,486,620
C 5 1,811,306 1 5 122,964,033 2.10% 5 65,251 5 0 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
C \$ 1,811,306 1 \$ 1,811,306 0.03% \$ 961 \$ 0 \$ \$ 85 55 5 \$ 90 \$ \$ 85 55 5 \$ 90 \$ \$ 85 55 5 \$ 90 \$ \$ 85 55 5 \$ 90 \$ \$ 85 55 5 \$ 90 \$ \$ 85 55 5 \$ 90 \$ \$
\$ 161,169,507 1 \$ 161,169,507 2.75% \$ 85,525 \$ 0 \$ E \$ 7,623,291 1 \$ 7,623,291 0.13% \$ 4,045 \$ 0 \$ 0 \$ 0 \$ 7,623,291 0.00% \$ 0.00% \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 1,453,763,061 1 \$ 1,453,763,061 24,79% \$ 771,442 \$ 0 \$ 77 \$ 5,864,993,852 100.00% \$ 3,112,271 \$ 0 \$ 3,11
\$ 7,623,291 1 \$ 7,623,291 0.13% \$ 4,045 \$ 0 \$ 0 \$ 5,623,291 0.13% \$ 4,045 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 1,453,763,061 <th< td=""></th<>
\$ 1,453,763,061 1 \$ 1,453,763,061 24.79% \$ 771,442 \$ 0 \$ 3.
\$ 1,453,763,061 1 \$ 1,453,763,061 24,79% \$ 771,442 \$ 0 \$ 8 \$ 1,453,763,061 \$ 5,864,993,852 100.00% \$ 3,112,271 \$ 0 \$ 3,
100.00% \$ 3,112,271 \$ 0 \$

)				
-	Ohio 2002	Ohio 2002 Allocated Power Expenses - Account 6531	scount 6531						Binder Tab :		46
2 6	Purpose: Thi	Purpose: This sheet calculates how Power expense is allocated in this study. These amounts are linked to the "Mtce Expense Factor" worksheet.	is allocated in Factor" works!	this study. Thes	92						
5 4											
ı,	Account	Plant Account	FRC	Average Inv Current	Allocation Yes=1 / No=0	Allocation Base	Allocation Percentage	Allocated Power Expense	Allocated Support Asset Expense		Total Allocated Expenses
7		Source		See Note 1	NA	D x E	F / Cell F 32	G x Cell H 32	G x Cell 32	~	- + +
80		Destination :		Col. F	Col. F	Col. G	Col. H	Col. J	Col. J	H	See Note 2
m	2211	Total Analog Electronic Switching	277C		,	\$ 6,656,503	0.21%	\$ 27,325	s	0	27,325
9	2212	Digital Electronic Switching	377C	\$ 1,114,890,285		\$ 1,114,890,285	35.79%	\$ 4,576,668	s	0	4,576,668
=	2220	Operator Systems	1176	\$ 20,960,665		\$ 20,960,665	%290	\$ 86,044	5	0	86,044
12	2231	Radio Systems	2/9	\$ 6,647,789		\$ 6,647,789	0.21%	\$ 27,289		0	27,289
73	2232.157	Circuit Equipment - DDS	157C	\$ 16,209,035		\$ 16,209,035	0.52%	\$ 66,539	s	0	66,539
4	2232.257	Circuit Equipment - Digital Loop Electronid	257C	\$ 896,313,967	-	\$ 896,313,967	28.77%	\$ 3,679,404	0	-	
15	2232.357	Circuit Equipment - Other Digital	357, 467,827C	\$ 981,326,108	-	\$ 981,326,108	31.50%	4	5	-	4
16	2232.57	Circuit Equipment - Analog Other	57C/957C	\$ 72,047,934		\$ 72,047,934	2.31%	\$ 295,760	5	-	295,760
17	2341	Large Private Branch Exchanges	101C		0	0	%00.0	0	5	0	
18	2351	Public Telephone Terminal Equipment	188C		0	0	%00.0	0	s	0	
19	2362	Other Terminal Equipment	858C	\$ 11,004,496	0		%00.0	0 8	s	0	
20	2411	Poles	10	\$ 408,888,424	0	0	%00'0	0	s	0	
21	2421.22	Aerial Cable - Metallic	12, 22 C	\$ 1,312,017,676	0		%00.0	0	s	0	
22	2421.822	Aerial Cable - Non-Metallic	818, 822C	\$ 58,869,587	0	0	%00.0	0	s	0	
23	2422.5	Underground Cable - Metallic	5, 55C	\$ 980,345,534	0	0	%00.0	0	s	0	
24	2422.85	Underground Cable - Non-Metallic	85, 585 C	\$ 203,050,317	0	0	0.00%	0 \$	s	0	
25	2423.45	Buried Cable - Metallic	45, 545, 645 C	\$ 1,143,486,620	0	0 8	%00.0	0 \$	s	0	
26	2423.845	Buried Cable - Non-Metallic	845, 8645, 515	\$ 122,964,033	0	0 8	%00.0	0 8	s	0	
27	2424	Submarine Cable	9C/86C	\$ 1,811,306	0	0	%00.0	0	s	0 8	
28	2426.442	Intrabuilding Network Cable - Metallic	442C	\$ 161,169,507	0	0	%00.0	0 8	5	0	
29	2426.462	Intrabuilding Network Cable - Non-Metalliq	462C	\$ 7,623,291	0	0	%00.0	0 8	•	0	
30	2431	Aerial Wire	30		0	0 0	%00.0	0 5	5	0	
31	2441	Conduit	4C	\$ 1,453,763,061	0	0	%00.0	0 8	S	0	
32	Total					\$ 3,115,052,285	100%	\$ 12,787,412	s	0	12,787,412
33											
35 5	NOICES										
3 5											
37	Notes:	Notes: - Destination									
38	2	2 Tab Mtce Expense Factor, Col. H.; Binder Tab 4A	4A								
39											

	0														
9	1 Ohio 2002 Allocated Testing Expenses - Account 6533	Account 6533	_							4	Binder Tab	5			
-1-1							r								
						Testing - Subscriber L	Testing - Subscriber Line - Shared - FRCs (417 and 427	and 42T)		Test	ing - Service	Testing - Service Order - FRC 41E			Testing - Interoffic
A Acc	Account Manhar	- 03	Ave	verage inv .	Veset / No				Assigned Year1/No			Allocation	Expense	Allocate Yes=1 / No	
-		-	See	Sae Note 1		a D x F	= F Call F 12	# G w Call H 12	2	- TOOLS	E D e J	- I Cell 133	Allocated	0 8	Allocation base
80	Destination		20	OF JAN	Col F	Col G	Col.H	Colo	Col	0	Colx	Coll	Cal O	Col N	2 3
9 2211	Total Analog Electronic Saltiching	77.5	-	6.856.503	0		0 00%	9			0	S 00%	0		-
	_	3770		114 890 285							0	0.00%		9 0	
11 2220	Operator Systems	1170		20,960,665			2000	0	•		a	2 00 %			
12 2221	Radio Systems	870		8,647,789		•	2000		-		8,647,789	0114	\$ 963	-	\$ 6.647.789
13 2222 157	157 Chroat Equipment - DOS	1570		16,209,035			*000	0 0	-		16,299,035	0.27%	\$ 2397	,	\$ 16,209,035
14 2232 251	<u>.</u>	2870	*	96,315,967		1 606,013,967	18.30%	\$ 5.135.485	-		186,313,967	15.00%	\$ 132.552		1 88313967
15 2232 167	0	257, 467,827C	*	RE1,328,108			200°				981 328,108	18.42%	\$ 145,124		\$ 681,326,108
16 2222 57	57 Circuit Equipment: Analog Other	\$7C987C		72,047,934			200°				72.047.934	121%	\$ 10.855		\$ 77.047.834
17 2341	2	1010		×			0.00%	2			0	0.00%	0		
2381		1880					0.00%				0	\$ 000 p			
2382	Other Termena Equipment	RSBC		11 004.496		11,004,496	8 D. 22%	\$ 63,051	-		11,004,496	2410	\$ 1,627		
241	B.	24	*	408,888,424							0	0.00%	0 .		
21 3421 22	-	12.22 C	13	312.017,876		1,312,517,876		\$ 7517.284			312.017.676	21.96%	\$ 194,028		\$ 1,312,017,678
742	-	MA MIN		St. M61.547		\$ 54,806,587	120%	\$ 337.297	-	*	58,869,587	0.99%	\$ 8.706	-	S SAMES SAT
23 2422 5	-	8, 58C		MC 345,534		\$ B80.345.534		\$ 5,816,949			M2.245.088	16.41%	\$ 144.979		\$ 880 MS 534
24 2422 85	85 Underground Cathe - Non-Metallic	85, SMS C.	*	203,050,317		\$ 203,050,317	415%	\$ 1,163,389			203,050,317	3.40%	\$ 30.02W	+	1 203,050,317
25 242145	_	45, S45, 645 C	\$ 1.34	143,486,620		\$ 1,540,486,620		\$ 6.551,675			143,486,620	18 14%	\$ 169.105	-	1,143,486,628
26 2423.845	S45 Buried Cable - Non-Metallic	845, 8645, 515 C		22,364,033		122,864,033	251%	\$ 704.530			122,964,033	2.06%	\$ 18.185		\$ 122,964,033
27 2424	Submaritre Cable	9C-86C		1,811,306	+	\$ 1,811,306	2000	\$ 10,378			1,811,308	2000	\$ 268		
28 2426 442	î	2017	*	161,169,507		181,169,507	3.29%	\$ 923,430			161,169,507	2.70%	\$ 23.835	0	
29 2426 462	462 Intrabuliding Network Cathe - Non-Metallic	MESC		7,623,291		1,62,129,7	0.16%	\$ 43,678			7,623,291	0.13%	1127	0	
30 2431	Aartal Wire	×					W00 0	0			0	\$-00°0	0	0	
31 2441	Conduit	34	\$ 1,45	1,453,783,061			2000 a		0		0	0.00%		0	
32 Total						4,898,558,334	100.00%	\$ 28,067,146		1	S. 974, 887, 199	100.001	\$ 683,598		\$ 5.793,278,598
	Notes: - Source 1 Tab Investment Data, Col 1. Binder Tab 4C														
	Notes: - Destination														
3.0	7 Tab billion Command Carden Pold Blandar Tab 18														

Plant Account Plant Accoun	Plant Account FRC	Plant Account FRC Proportion Expense Testing Expense Distribution Expense Expens				- Facilities - FRC 441	5	190		Allocated	Allocaled	5
Source S	Source S	Source S	Account	Plant Account		Allocation	2	Direct Testing Expense	Distribution	Support Asset	Indirect Testing	
Total Autorg Electronic Selectring	Total Availage Electronic Switching Tric Dony S	Total Availage Electrones Swaldring Distribution 770 2004 5 004 6 00 5 00 5 0 5 5 0 5 5 0 5 5		П		= N / Cell N 32	= 0 x Cell P 32	-H -L -P	=0/Call 032	= R x Cell S 32	= R x Cell T 32	= 0 + S + T
Digital Restricts Switching STOC Digital August Discripts Switching State Bearrier's Switching STOC Digital August Discripts Switching STOC Digital Switching SWITCHING Digital Switching	Digital Restrictions Switching STTC Digital Action STTC Digital Action State Sta	Digital Restrictions Switching 377C Digital August Beacteries Switching Switching Switching Switching Switching Switching Switching Switching Switching Sw				Cot P	0 8	8	Col S T	Col U	Col. U	See Note 2
Optigate Electronics Switching 1777 DOMAN \$ 0 S Mark	Organic Selective Select	Organic Selective Select	2211	Total Analog Electronic Switching	77.0	2000°C	0 5	0	2,000 0		0	2
Control Engineers Colors	Character Systems	Concile Calciumina Calciumi	212	Digital Electronic Switching	3770	200%		0	%000 o			
State Systemes	State Systemes	State Systemes	922	Operator Systems	1170	2002			7,000 O			
State Control Engineers Color English State	State Control Engineers Color State	State Control Engineers Control Engineer	1523	Radio Systems	87C	2112	\$ 605		0.01%			
State Stat	State Court Experience Color Building State	State Control Engineers Control Engineer	7212.157	Clicuit Equipment - DOS	1570	0.28%	\$ 1,478		\$100	•		3
State Control Engineers - Cores Deglas State S	State Control Experiment Chairs State	State Control Engineers Control Engineers State Stat	2232 257	Cleauf Equipment - Digital Loop Sectments	2870	15.47%	\$ 81,598	\$ 5.349.634	18.15%	•	2	5,349
Control Englement Analog Other STOSSTC 124% S S S S S S S S S	Chical Education Chical Colors Chical Co	Change Permanent Angle Office 144 5 6599 17214 0.00% 5 0 5	1212 357	Circuit Equipment - Other Digital	357, 467, 827C	16.94X	\$ 89,337	234.461	0.80%	0	0	74
Large Previae Bench Exchanges 1910 191	Large Name Branch Exchanges 1901 1900	Long-proved Entranges Total Control Contro	15 25.25	Circuit Equipment - Analog Other	\$7C957C	124%	\$ 6,559	\$ 17.214	0.06%	•		
Debte Telephone Terminal Enderment 1885 0.00% 5 0.5 0.00% 5 0.5 0.5 0.5	Public Telephone Termine Enderment 1885	Debte Teleptone Terminal Enderment 1885	175	Large Private Branch Exchanges	1010	\$000	0	0	N-00'0		0	
Other Terminal Epidement Text Colors State State Colors State State Colors State Color	Cheef Terminal Epidement Company Cheef Terminal Epidement Cheef Terminal Epidemen	Cohes Females Enderword National States Cohes States Cohes	1962	Public Telephone Terminal Equipment	1880	0.00%	0	0	0.00%	•	0	
Potesta Carbier Manuality Computer Carbie	Potent Cates - Marallec	Potesta Carbon Manual Manual Manual Carbon Manual	2362	Other Terminal Equipment	RSAC	5000		\$ 64,678	W.ZZ 0			
Averal Carter Averantic 17, 27 C 22, 85% \$ 119444 \$ 7,800 755 \$585% \$ 5 0 0 \$ 0 \$ 0 \$ 0 \$ 7,50	Avail Cate - Musain: 1,1,2,5 C 12,85% 3 11944 3 3,85% 3 5 5 5 5 5 5 5 5 5	Averal Carter Averantic 17, 27 C 12 (85% \$ 11944 3 78.0% 35.5% \$ 5.5% \$ 5.0% 3 7.5% 3	1190	Poles	ŭ	N00.0	•		\$000 a	•		
Available Available (1974) 1 200 1 100 1	Avail Control Available	Avail Contact Avail Contac	77.122	Aartal Cable - Metallic	12.22 C	22.65%	\$ 119.443		28.56%	•		2
Underground Carlot: Materials 5, SSC 19, SSY 5 18, SSY 5	Underground Carlo Manuality 2, 595C 19,52% 5 10,54,105 5 10,54,105 1 11,104 5 10,54,105 1 11,	Underground Cares - Manuality	M21 822	Aertal Cable - Non-Metallic	818, 822C	1024	\$ 5,359		1 19%		0	351
Underground Casies Nat-Metalisk 85, 585 C	Undergrand Carter Note Marialk 8.5 88.5 88.5 8.5 104.106 8.6 8.5 8.6 8.5 104.106 8.6 8.6 8.6 105 8.6 8.6 8.6 105 8.6 8.6 105 8.6 8.6 105 8.6 8.6 105 8.6 8.6 105 8.6 8.6 105 8.6 8.6 105 8.6 8.6 105 8.6 8.6 105 8.6 8.6 105 8.6 8.6 105 8.6 8.6 105 8.6 8.6 105 8.6 8.6 105 8.6 8.6 105 8.6 8.6 105 8.6 8.6 8.6 105 8.6 8.6 8.6 105 8.6 8.6 8.6 105 8.6 8.6 8.6 105 8.6 8.6 8.6 105 8.6 8.6 8.6 105 8.6 8.6 8.6 105 8.6 8.6 8.6 105 8.6 8.6 8.6 105 8.6 8.6 8.6 8.6 105 8.6 8.6 8.6 8.6 105 8.6 8.6 8.6 8.6 105 8.6 8.6 8.6 8.6 8.6 105 8.6 8.6 8.6 8.6 8.6 8.6 105 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6	Undergrand Caree, Nat. Metalsk 8 Mark State C 31574, \$ 104,100 \$ 1271,100 \$ 117,100 \$ 117,100 \$ 12,100	M22.5	Underground Cable - Metallic	5, 55C	18.92%	\$ 89,248		19.85%		•	
Divined Carbie - Mutality, Ash State,	Brane Cate - Mustalist	Braned Carles - Markiniste	24 22 85	Underground Cable - Non-Metalik	85, 585 C	150%	\$ 18,485		4.11%	2		
State Carbon Householder Mod. Mod. Mod. State Carbon State	Standard Cattle Non-Metallife MAS, MAS, MAS, MAS, MAS, MAS, MAS, MAS,	Summer Cates Non-Metallife MAS, MAS, MAS, MAS, MAS, MAS, MAS, MAS,	2423.45	Burted Cable - Metallic	45, S45, 645 C	18.74%	\$ 104,100		23.15%			
Submarine Cation Subsect Subse	Submission Cable March Mar	Submitted Carles - Marsille Alcohology Submitted Carles Alcohology Alcohology Submitted Carles Alcohology A	3423.845	Burked Catale - Non-Metallic	845, 8645, 315 C	212%	11.194	\$ 733,909	2.49%			
442 Introduction production Continue. 442C 0.00% 5 0.5 947.785 3.1% 5 0.5	442 Interbolding Network Cable - National Additional Ad	442 Interpolating Network Cable - Natural Research Cable - Natural Re	1424	Submarine Catrie	80,860	1000	0	10,646	0.04%	9		
402 Introducting harmony between Cable - Non-Metality 402 C 0.00% \$ 0.5 44.805 0.15% \$ 0.5 0.5 Automatives Accordate Accordate Accordate 5 0.5 0.0 5 0.5 0.5 Accordate Accordate Accordate Accordate 5 0.5 0.5 0.5 0.5 Accordate	10 10 10 10 10 10 10 10	10 10 10 10 10 10 10 10	2426.442	Intraboliding Network Cable - Metallic	4420	2000		\$ 947,265	3.21%	*	**	
Accorded 4.0 0.00vs \$ 0\$ 0 0.00vs \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$	According According NC 0.00% \$ 0.5 0 0.00% \$ 0.5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5	Accorded to Concorded to Concor	3426 462	Intrabuilding Nethern Cable - Non-Metalik:	- M2C	0.00%		\$ 44,805	0.15%			
Connotation 4C 0.00% \$ 0.00% \$ 0.00% \$ 0.0	Concider 40 Concider 40 Concider 50 Concider Con	Concider 4C 0.00% 5 0 5 0 5 0 5 0 5	1431	Aertal Wire	×	9.000		0	\$000°C			
100.00% \$ \$29.476.148 100.00% \$ - \$ 0 \$	100 00% \$ 527,405 \$ 29,475,148 100 00% \$.	tex - Source 1 Tab Investment Data Col.: Broke Tab 4C	177	Condut	90	2000	2	0	\$000°			
	Notes - Source 1 Tab Investment Data Cot Broder Tab AC	Notes: - Source 1 Tab Investment Data: Cot 1: Binder Tab 4C	Total			100 001	\$ 527,405	\$ 29,478,148	100 00%		9	\$ 29,478.

Ohio 2002 Allocated Other Expenses Account 6512	Se - Account 6512 Plant Account		Allocation				Binder Tab :	7
Allocated Provisioning Expens Account Number 221, 221, 232, 233, 2220 231, 232, 232, 232, 232, 233, 241, 241, 242, 242, 243, 244, 246, 241, 241, 241, 242, 243, 244, 246, 241, 241, 241, 241, 242, 232, 232	se - Account 6512 Plant Account		Allocation					
Account Number 2211, 2212, 2215, 2220 2231, 2322 2341, 2622 2341, 2622 2341, 2621, 2622, 3434, 3436, 2431, 344 Allocated Network Administral Account Number	Plant Account Source		Allocation					
2211, 2212, 2215, 2220 2231, 2321 2331, 2362 2331, 2362 2341, 2362 2411, 2401, 2422, 2423, 344 Allocated Network Administral Account Number	Source	Account of the Paris	Yese1/	Allocation Basis	Percentage of	Allocated	Allocated Support Asset	Total Allocated
2211, 2212, 2215, 2220 2231, 2320 2351, 2320 2351, 2320 2351, 2362 2351, 2362 2411, 2421, 2215, 2230 2211, 2212, 2215, 2230	Daeforston	See Note 1	NA	C x D	E / Cell E 12	F x Cell G 12	F x Cell H 12	H. O
231, 232 231, 232 231, 232 241, 242, 242, 243, 344, 346, 343, 344 241, 242, 243, 243, 244, 246, 343, 344 Allocated Network Administral	Destruston	Col F	3	Col F	Cal G & H	Col. I	8	See Note 2
2M1, 2M2 7281 2411, 2421, 2422, 2423, 2M24, 2436, 2431, 244 Allocated Network Administral Account Number	Central Office Transmission	C 1 972 544 R12	-	CTR 222 CTR 1	21 07%	1 016 166		399,300
2381 2411 2421 2423 2423 2424 2436 2431 344 Allocated Network Administral Account Number	Terminal Equipment	11 004 496		11.004.496	0.12%	\$ 5.775		\$ 5775
Allocated Network Administrat Account Number	Public Telephone			•	%00.0			
Allocated Network Administrat Account Number 2211, 2212, 2215, 2220	Cable & Wire Facilities Total	\$ 5,853,989,356		\$ 5,853,989,356 \$ 8,980,046,137	100.00%	\$ 3,072,069		\$ 3,072,069
Account Number 2211, 2212, 2215, 2220	tion Expense - Accoun	1 6532						
Account Number 2211, 2212, 2215, 2220			Allocation Yes=1/		Percentage of	Allocated Nhwh	Allocated Support Asset	Total Allocated
2211. 2212. 2215. 2220	Plant Account	Average Inv Current	No=0	Allocation Basis	Allocation	Admin, Expense	Erp.	Expenses
2211, 2212, 2215, 2220	Source	See Note 1	NA	O × O	E / Cell E 23	F x Cell G 23	F x Call H 23	H . 5
44.1.46.16.46.4.444	Switching & Operator Surfame	1 143 577 453	-	1 142 KAT 4KT	36 68%	4 3 28K D67		3 3 3 5 0 6 7 5 7 5 5 0 6 7
2211 2212	Cantral Office Transmission	\$ 1 972 544 RTZ		4 1 972 544 RT2	63.32%	\$ 5,673,446		5 KT1 44K
2341, 2362	Terminal Equipment	11,004,496	0		%00.0			
2351 Public Telephone	Public Telephone		0		9,000			
2411, 2421, 2422, 2423, 2424, 3426, 2431, 244	Cable & Wire Facilities	\$ 5,853,989,356	0		0.00%			
	Total	\$ 8,980,046,137		\$ 3,115,052,285	100.00%	\$ 8,959,533		\$ 8,959,533
Allocated Plant Operations Administration Expense - Account 6534	Iministration Expense	- Account 6534						
			Yes=1/	Albertal Breit	Percentage of	Allocated Oper.	Allocated Support Asset	Total Allocated
Account Number	Source Source	Sae Note 1	N A	C . D	F / Call F 34	F a Call G 34	N. H. Call H. Ca	Expense.
	Destination	Col F		Carr		200	Cal	See Note 4
2211, 2212, 2215, 2220	Switching & Operator Systems	\$ 1,142,507,453		\$ 1,142,507,453	12.72%	\$ 4,863,998		\$ 4,883,998
2231, 2232	Central Office Transmission	\$ 1,972,544,832	-	\$ 1,972,544,832		\$ 8,432,246		\$ 8,432,246
2341, 2362	Terminal Equipment	11,004,496		11,004,496	0.12%	\$ 47,042		\$ 47,042
2351 Public 1980 3400 3404 3404 3405 344 Cahle & Wee Earline	Public Lelephone	4 A A K S GRO 14.6		5 843 GRG 148	55 10%	26 024 668		55 004 665
	Total	\$ 8,980,046,137		\$ 8,980,046,137	100.001	\$ 38,387,954		\$ 38,387,954
36 36 Allocated Engineering Expense - Account 6535	e - Account 6535							
			Yes-1 /		Percentage of	Engineering	Support Asset	Total Allocated
Account Number	Plant Account	Average Inv Current	No=0	Allocation Basis	Allocation	Expense	Esp.	Expenses
	Source	See Note 1	Y Y	0 * 0		× Cell G 45	F x Cel H 45	H . 5
9511 9515 5515 5530	Contribute & Operator Statement	1 123 507 453		1 113 503 453	22.50	4 000	200	C BION BAC
221, 2212, 2213, 2220	Central Office Transmission	C 1 979 544 832		4 1072 544 832	4.	7 000 822		8 4,050,050
2341 2362	Terminal Equipment	11 004 496	-	11 004 496		39.068	,	39 068
2351	Public Telephone				0.00%			
2411, 2421, 2422, 2422, 2423, 2424, 2426, 2431, 244 Cable & Wire Facilities	11 Cable & Wire Facilities	\$ 5,853,989,356		\$ 5,853,989,356	65.19%	\$ 20,782,518		\$ 20,782,518
	Total	\$ 8,980,046,137		\$ 8,980,046,137	100.00%	\$ 31,880,476		\$ 31,680,476
Notes	- Source Tab Investment Data, Col. I., Binder Tab 4C	nder Tab 4C						
Notes	- Destination							
2	Tab Mice Expense Factor, Col F., Binder Tab 4A	F. Binder Tab 4A						
	Tath Mice Expense Factor, Col. G. Binder Tath 4A	G Binder Tab 4A						
	Tab Mice Expense Factor Col	Rivolar Tab 48						

	A	В			C	D		E
Ohio	200	2 Ad Valorem Tax Factor				Binder Tab :		5
2			_	_		Dillider Tub .		3
	ount				Amount	Subject to Ad Valorem Tax Factor		ount Subject d Valorem Tax Factor
4 72	40	OPERATING OTHER TAXES					\$	- 40.0
5 724	10.1	PROPERTY		\$		0	\$	-
6 724	0.11	REAL PROPERTY		\$	95,131,915.00	1	\$	95,131,915
7 724	0.12	PERSONAL PROPERTY	- 1	\$		1	\$	
8 724	10.2	GROSS RECEIPTS		\$	1.5	1	\$	
9 724	10.3	CAPITAL STOCK		\$	- 2	1	\$	
10 724	10.9	OTHER TAXES	100	\$		0	\$	
1 724	0.91	PUBLIC UTILITY COMMISSION		\$	2,282,400.00	0	\$	
2 724	0.92	SALES AND USE TAXES		\$		1	5	
	0.93	FEDERAL SUPERFUND		\$		1	\$	- 2
4 724	0.94	SINGLE BUSINESS TAX		\$		1	5	-
	0.95	FRANCHISE TAX AOCs		\$		1	\$	
6 724	0.99	OTHER	. 18	\$	1,035,844.00	1	\$	1,035,844
	0		0	\$		0	\$	
	0		0	\$		0	\$	
	0		0	\$	2	0	\$	
20	724	0 Total		\$	98,450,159		\$	96,167,759
21 22 AVERA 23	GE B	OOK INVESTMENT:					_	
	ount	Account Name						
	01	Beginning Balance Investment					\$	7,774,582,586
	01	Ending Balance Investment						8,070,935,648
27		Average Booked Investment = (Line 25 + 26) / 2					\$	7,922,759,117
28 29 30		COMPOSITE CC/BC RATIO (per Exhibit MS-9) AVERAGE INVESTMENT AT CURRENT COST					\$1	1.353964097 0,727,131,393
31 32 Ad Val	orem T	ax Factor =	(Cell	E 20 / Cell E 27			0.0090
33								
34								
Data S								
	uts sec	ction (V); Binder Tab 4B						
37								
38 Destina								
	F Base	e (Joint CLECs), Col. I ; Binder Tab 4A						
10								

	Α	В	C	D	E	F
1	Ohio	2002 Comm	ission As	sessmen	t Factor	
2						
3				_	Binder Tab :	6
4	Formu	ıla:	F. 1. 185 (a. 1.2.)			
5		Pub	lic Utility Co	mmission A	ssessment	
6		Total Intrastate	Operating	Revenues	Amount in Numerator Above	
7						
8	Calcul	ation:				
9						
10			2,282,400		_	
11		\$1,604,369	,967 - \$	2,282,400		
12						
13						
14	= -	\$2,282,400				
15		\$1,602,087,5	667			
16						
17						
18	=	0.0014				
19						
20						
		Sources:	0 1 0-11 5	220 hinda	- Tob 4D	
$\overline{}$	l ab in	puts, Cell E 22	8 and Cell E	: 229, binde	r 1ab 4B.	
23	Destin	otion				
			ete to Tab /	CE Base /	Joint CLECs), Cell J 7 ; Binder T	ah
	Result	iii Ceii B 16 pc	osis to Tab A	TOF Dase (Joint CLECS), Cell 3 7 , Billder 1	au
26 27						
21	-					

Placement Factors	Ohio	П	2002							Binder Tab: 8
Investment account			Beginning		Ending		Average	CC/BC Ratio		Current Cost Investment
Source	FRC	Tab In	Tab Investment Data, Col. E	Tab	Tab Investment Data, Col. F	Tat	Tab Investment Data, Col. G	Tab Investment Data, Col. H		Tab Investment Data, Col. I
Total Network Land Investment 2111.2 Land - Network	200		12,280,772		12,449,863	-	12,365,317	1.0000	•	12,365,317
Total Network Building Investment 2121.2 Buildings - Network	100		424,035,796 \$	•	439,643,594	•	431,839,695	2.2729		981,528,443
2211 Total Analog Electronic Switching	77C	S	12,856,876	s	456,130	w	6,656,503	1.0000	s	6,656,503
2212 Digital Electronic Switching	377C	50	1,494,053,058	w	1,583,628,888	5	1,538,840,973	0.7245	s	1,114,890,285
2220 Operator Systems	117C	S	18,991,403	v	17,144,559	69	18,067,981	1.1601	s	20,960,665
2232, 157 Circuit Equipment - DDS	157C	s	16,366,901	63	15,528,093	50	15,947,497	1.0164	s	16,209,035
2232,257 Circuit Equipment - Digital Loop Electronic	257C	w	896,653,408	w	948,943,146	69	922,798,277	0.9713	s	896,313,967
2232,357 Circuit Equipment - Other Digital	357, 467,827C	w	997,229,538	s	1,023,415,180	5	1,010,322,359	0.9713	69	981,326,108
2232.57 Circuit Equipment - Analog Other	57C/957C	69	71,270,901	w	70,291,008	s	70,780,954	1.0179	49	72,047,934
Total Central Office Equipment Investment		•	3,507,422,086	s	3,659,407,004	•	3,583,414,545		•	3,108,404,497
Poles Investment 2411 Poles	t t	s	134,542,304	w	138,578,012	S	136,560,158	2.9942	w	408,888,424
Aerial Cable Investment 2421.22 Aerial Cable - Metallic	12. 22 C	v	744,175,322	v	788,018,624	w	766,096,973	1,7126	v	1,312,017,676
2421.822 Aerial Cable - Non-Metallic	818, 822C	S	51,686,711	w	55,019,083	69	53,352,897	1.1034	69	58,869,587
2421 Aerial Cable Total		•	795,862,033	•	843,037,708	•	819,449,871	1.0	•	1,370,887,263
Underground Cable Investment			1000000							
2422.5 Underground Cable - Metallic	5, 55C	v	515,487,198	s	526,823,720	'n	521,155,459	1.8811	6	980,345,534
2422.85 Underground Cable - Non-Metallic 2422 Underground Cable Total	85, 585 C	. .	183,322,980	· ·	192,696,125 719,519,845	w w	188,009,552	1.0800	w w	203,050,317 1,183,395,850
Conduit Investment	JV.	v	637 702 609	,	655 738 435		646 720 522	2 2479	v	1 453 763 061
CEV Investment Adjustment	2	•	200	•		,	1000		0	20,219,341
Conduit Investment for Conduit Factor									*	1,433,543,721

Land Factor = Network Land Investment / COE Investment	S	12,365,317	67	3,108,404,497	= 12	ind Factor	0.0040
Building Factor = Network Building Investment / COE Investment	S	981,528,443	69	3,108,404,497	. B	uilding Factor	0.3158
Pole Factor = Poles Investment / Aerial Cable Investment	69	408,888,424	65	1,370,887,263	= P	= Pole Factor	0.2983
Conduit Factor = Conduit Investment / Underground Cable Investment	S	1,433,543,721	w	1,183,395,850	ŏ	33,395,850 = Conduit Factor	1.2114
Destination			ř	b ACF Base (Joi	II CLE	ab ACF Base (Joint CLECs), Cell F 40 to I 43; Binder Tab	13 ; Binder Tab 1

BEFORE THE

PUBLIC UTILITY COMMISSION OF OHIO

In the matter of the Review of SBC Ohio's)	
TELRIC Costs for Unbundled Network)	Case No. 02-1280-TP-UNC
Elements)	
)	

TESTIMONY OF

MICHAEL STARKEY

EXHIBIT ___ (MS-9)

Modified SBC CC/BC Ratio Calculation

RESULTS SHEET ONLY FULL CALCULATION PROVIDED AS AN ELECTRONIC FILE ONLY ON CD-ROM

This Exhibit is Considered Confidential Pursuant to the Protective Order in Case No. 02-1280-TP-UNC – Filed Under Seal. It is Available Only in the Confidential Version of this Filing

Current Cost to Book Cost Ratio Ohio 2002

Account	Description	Current Cost	Book Cost	CC/BC Ratio
		(1946 - 2002)	(1946 - 2002)	
2111	Land	\$0	\$0	1.0000
2112	Motor Vehicles	\$88,541,411	\$85,516,393	1.0354
2114	Other Work Equipment	\$74,115,165	\$64,989,094	1.1404
2121	Buildings	\$1,401,770,808	\$616,732,181	2.2729
2122	Furniture	\$3,531,041	\$2,425,819	1.4556
2123.1	Office Support	\$5,511,345	\$5,322,224	1.0355
2123.2	Office Communication Equipment	\$1,117,836	\$1,094,556	1.0213
2124	General Purpose Computers	\$13,887,336	\$51,104,492	0.2717
2212	Digital Electronic Systems	\$1,147,729,897	\$1,584,259,615	0.7245
2220	Operator Systems	\$21,912,985	\$18,889,514	1.1601
2231	Radio Systems - Microwave	\$5,885,809	\$5,745,243	1.0245
2232.157	Digital Data Systems	\$19,833,945	\$19,514,163	1.0164
2232.257	Digital Circuit Equipment	\$1,913,944,871	\$1,970,429,549	0.9713
2232.57	Analog Circuit Equipment	\$69,504,086	\$68,280,943	1.0179
2351	Public Telephone Terminal	\$37,083,921	\$32,982,147	1.1244
2362	Other Terminal Equipment	\$11,029,496	\$11,289,037	0.9770
2411	Poles	\$412,650,409	\$137,814,878	2.9942
2421.22	Aerial Cable Metallic	\$1,443,703,627	\$842,979,561	1.7126
2422.5	Underground Cable Metallic	\$976,945,842	\$519,344,328	1.8811
2422.85	Underground Cable Non-Metallic	\$208,121,217	\$192,700,945	1.0800
2423.45	Buried Cable Metallic	\$1,164,911,974	\$864,762,122	1.3471
2423.845	Buried Cable Non-Metallic	\$124,495,278	\$112,832,345	1.1034
2424	Submarine Cable	\$1,751,893	\$397,027	4.4125
2426.442	Intrabuilding Network Cable Metallic	\$169,127,659	\$96,778,900	1.7476
2441	Conduits	\$1,446,366,361	\$643,415,831	2.2479
2690	Intangible Assets		TAX STANK IN A CO	1.0000

COMPOSITE CC | BC RATIO

\$10,763,474,213 \$7,949,600,907 1.353964097

Developed by SBC Cost Analysis Group based on Telephone Plant Index published by A. C. Turner and Investment Vintage Data provided by SBC Finance Operations Group.

BEFORE THE

PUBLIC UTILITY COMMISSION OF OHIO

In the matter of the Review of SBC Ohio's)	
TELRIC Costs for Unbundled Network)	Case No. 02-1280-TP-UNC
Elements)	
)	

TESTIMONY OF

MICHAEL STARKEY

EXHIBIT ___ (MS-10)

Modified SBC Support Asset Factors Study – Ohio Only

This Exhibit is Considered Confidential Pursuant to the Protective Order in Case No. 02-1280-TP-UNC – Filed Under Seal. It is Available Only in the Confidential Version of this Filing

4	œ	٠	0	ш		9	I		7	×	_
Support	Support Asset Factors - Inputs Sheet								Binder Tab	9	
3	GENERAL INFORMATION	Region Data Year Issue Data Study Type	All 2002 10/30/2003 Standard								
10 (II)	Salaries and Wages Description	Salary	Plant Employees	Operators	Service Rep	Marketing & Corporate					
12 Source	File: AIT 2	File AlT 2002 Salary Data sts	62m-65m	66218 6622	6623	561x \$ 67xx					
6220 15 6220 17 6310 18 6410	es-se-		****								
	Provisioning Expense Network Operations					0					
222 6627	Number Services Number Services Number Services			00	0						
	Executive and Planning General & Administrative					00					
_ =	INVESTMENT DATA	0 8	s	\$ 0 \$ 0	0						
Acd	Description	FRC	peudiese %	Beginning Investment	Ending investment	Average investment	180	CCABC	Capital Cost Factor	Applies to SAF	Annual Capital Cost
	auring.		San rote 1 to 5	See Profession	See note 6	# E . F 1/2	See note 7	See note 8	See note 9	t and	46.H)*! vu
	Destrutor		Cal E to H	5 82	Col G	Coll	Colt	SKL	Coll	Call	1
33 2111 admin 34 2111 nbw			78.83%	\$ 3,035,336	\$ 3,077,129	\$ 12,365,317	00		10.40%	+ 0	\$ 317,842
2111 support	Total Land Total Land	380	190.0%		\$ 16,246,722	\$ 16,136,392		**	10.40%	. 0	5 74.342
37 2112 admin 38 2112 plant	2.2		10,01% 89,99%	\$ 6,263,938	\$ 7,960,996 \$ 71,568,438	\$ 7,112,467 \$ 63,941,152	00		15.88%		\$ 10,511,912
40 21127	Motor Vehicles - Small Value flems	1840	1000		\$ 0	8 0	0		2,000	00	
2112	Motor Vehicles Tools & Other Work Equipment	364,464,564C			1 61,787,088	\$ 59,339,931	0		12.96%	0+	8,767,42
44 2114 7	-			\$ 58,627,738	81,787,089	\$ 60,205,413	0	1,1404	12.96%	ם מ	
			18 94%		\$ 106,863,052	106.734.227	0.0		9.51%	+ 0	\$ 23,082,700
47 21213	Buildings - Network Support		4 43%	Ì	\$ 25,415,909	24.984.764			851%	> = 1	\$ 5,396,963
48 2121	Total Buildings	10, 410,810C	100.00%	\$ 1,982,995	\$ 573,722,556	5 1,996,418	0		830%	0 -	\$ 270.204
50 2122 2		710			\$ 122.240	122.031		1 0000	10.40%	e	12.881
2122.1	Furniture 5 Artwork			\$ 2,992,979	\$ 2,122,081	1 2,557,530		1.4536	\$ 30.8	0 0	
53 21231		1060	81.81%		4,387,497	\$ 4,379,795	0.5		14.64%		\$ 663.775
21222		rego III	46.8		0			1,0000	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	- 01	
57 2124 1	Total Office Equipment GPC - Mainframes/Midrange	270,370C	100.001 85 11%	\$ 73.154.631	5 39.285,453	5 56,220,042	0	0.2717	18.37%	0	\$ 2,806,737
58 2124 1		570,701,961C	14.89%		\$ 6.872.992	\$ 9.835,700 5 754 560	0.0	0.2717	18.37%	- 0	8 491 039
50 2124	. F		100.001	Ĩ	\$ 46,158,445	\$ 66,810,301			18.37%	0 0	• •

Second	1		4	c				**				-	-
Comparison of	<	9	3	0			5	-	-	7	×		1
March Marc	ddr	ort Asset Factors - Inputs Sheet								Binder Tab	В		
Comparing Schools Comp	2690	Anthony Software	1990		21.2		A7 040 511 S		00000	20 00 00		*	4
Comparison Com	2690		7700		K		500	0 0	0000	20 DB W	0 0		0.0
Cold Comparing Processed Schools Cold Comparing Cold	590.42	_		14.89%				0	1 0000	20 98%	-		0 0
Character Decided Shower P. 2017 Character	2690	_	790C					0	1 0000	20 98%	- 0		0 0
Contract activation as service and an analyse of the contraction as a contract and an activate and activate and activate an activate and activate and activate and activate and activate an activate and activate and activate and activate and activate an activate and activate activate and activate activate activate activate activate activate activate activate activate	690.43	_		14 89%			5 0	0	1 0000	20.98%	-		0 0
10 March 10	70	Capitalized Software			34,154,25		\$ 115,089,511 \$	0	1.0000	20.98%	D	v	0
Fig. 2 Fig. 3 F		TOTAL subject to Support Asset Factor			\$ 786,903,539	1.0	\$ 785,880,342 \$	0				-	53,756,346
Link of detrobation date is atoms at Council Bulletin Annual Experient State of Section Experient date of the Fee AT 2002 Feet Detrobation with a Computer detrobation date is crucialled as the such biccount investment among the main account of Computer detrobation date is crucialled as the such biccount investment among the main account of Computer detrobation date is crucialled as the such biccount investment among the main account deterobation date is crucialled as the such biccount investment among the main account deterobation date is crucialled as the such biccount investment among the main account deterobation date is crucialled as the such biccount investment deterobation date is crucialled as the such biccount investment deterobation date is crucialled as the such biccount investment deterobation date is crucialled as the such biccount investment deterobation date is crucialled as the such biccount investment deterobation date is crucialled as the such determination of the such determination in the such date of the such determination date is the such determination of the such determination date is the such determination date in the such determination date is the such determination date in the such determination date is the such determination date in the such determination date in the such date date determination date in the such date determinati	No												
EVPENSE DATA		Land distribution is assumed as the same as Owned B	Suidings Details also			9	Investment data from File	AIT 2002 SA	ACCOUNTS Invest	tment as			
A Compared destribution data is train Files AT 7000 Compare Destribution via a Compared destribution data is calculated as the sub-description recovered according to the sub-description of the sub-description recovered according to the sub-description of the sub-description		2 Building distribution data is from File: All 2002 Building 3 Motor Vehicle Distribution data is from File: All 2002 F	g Distribution xits Fleet Distribution sum	strary ats		7	Adjustment, where applica TBO from File: N/A	Die is from Fil	e All 2002 A	SMIS Overlay xts			
Color Colo		4 Computer distribution data is from File. AIT 2002 Com 5 Office Equipment distribution data is calculated as the	sputer Distribution xils sub account investing	ent among the main acco	5	ac on	CC/BC Ratio from File. All Capital Cost Factor from 1	T 2002 CC BC Tab results, Co	for SA account	ntots			
Control Color Colo	3	***************************************					both moluding only the	cost of capita	and income t	or land. ax, but not depreciation			
Control Cont	-	EAFENSE DATA	3	0	4	0	α						
Source S	Acet	Description	% if applicable	Annual Expenses	TBO	Subject to SAF	Net Expense						
State Matter Verticals - Ammonitation Desirosino Oct D. E. Col Col Oct O		3		San reduce 13	21 4000 000		= Col O . Col P .						
Second Market Verticals - Part Specific 10 01% 5 000 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Destination		Col G	Coi G	Col G	Tab SAFactor Col J						
Total Land & Bogs - Corneal - Manner Support Total Corneal - Manner - M	112,ad		\$10.01	1	s		\$ 580,910						
Tools and Other Work Equipment 18 94% 18 194% 18 194% 18 194% 18 194% 18 194% 18 194% 18 194% 18 194% 18 194% 19	61120	Motor Vehicles - Plant Specific	100 00%	5 222,363			5.222,383						
18 Sec. 18 S		Tools and Other Work Equipment		\$ 692,298			\$ 692,298						
17.2.0 Land & Baldy Owner's Name of State 100.00%	8121	1-O Land & Bidg - Owned - Administration	18 94%	4,487,515			0						
100 Color 100	6121	2-Olland & Bidg - Owned - Network	76.63%	18,156,192									
State Stat	612	CO Total and & Religious - Owner Change	100 001	1049,614									
State Land & Bugh - Leased - Network Support 48 97 178 10 428 484 State Land & Bugh - Leased - Network Support 100 80% State Land & Bugh - Leased - Network Support 100 80% State Land & Bugh - Leased - Network Support Land & Bugh - Total - Network Camport Land & Bugh - Total - Network C	612		50.33%	5,248,666		1							
Strict 51 Land & Buildings - Letheror Support Strict 51 Land & Boild Charles - Network Support Strict 51 Land & Boild Charles - Network Support Strict 51 Land & Boild Charles - Network Support Strict 52	812	Land & Bidg	0.55%	\$ 57,357		0							
Second Land 6 Bidg - Total - Administration Second Bidg Second B	612	Total and &	100 001	5 122 481		00							
Part Land & Buildings Part Pa	adm.			8 736 181		-							
State Stat	11 ntw	Land & Bld		\$ 18,213,548	•								
Furniture & Artecork Staziaris Stazi	2 1	Total and		S 6.172.095									
Office Equipment Section Secti	2	Furniture & Artwork		\$ 532,812	-		\$ \$32,812						
118 128	3	Office Equipment		14,358,193	•	1	\$ 14,358,193						
Modest	6124	MF GPC - Maintrame and Midrange	85.11%	\$ 67,881,687		THE RESERVE TO SERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED	\$ 67,881,687						
Motestar - Expense Data Source State Sta	6124	_	14.89%	11,875,906			11,875,906						
Notest		Amortization . Tanaible		17670			177.77						
13 Annual Expense Data Source 13 Annual Expense Data Source 14 TBO data from File AIT 2002 SA eccounts Exp 14 TBO data from File AIT 2002 SA eccounts Exp 14 TBO data from File AIT 2002 SA eccounts Exp 14 TBO data from File AIT 2002 SA eccounts Exp 14 TBO data from File AIT 2002 SA eccounts Exp 14 TBO data from File AIT 2002 SA eccounts Exp 15 Secounts 15 Sec	-			117,487,406	0		117,487,406						
Inputs for Ad Valorem Tax Factor Subject to Ad Valorem Tax Factor Subject to Ad Valorem Tax Factor Subject to Ad Valorem Tax Factor See Note S	2	set: - Expense Data Source 10 Motor Vehicle Distribution data is from File ATI 2002 F 11 Building distribution data is therefile ATI 2002 Building 12 Computer distribution data is thorefile ATI 2002 Com- 12 Computer distribution data is from File ATI 2002 Com-	Fleet Distribution sur g Distribution, xis outer Distribution xis		3 Annual Expenses data fro 1 TBO data from File N/A	om File. AIT 2002 SA acco	urts Expenses xit.						
Amount Subject to Ad Valorem Tax Factor	7	Inputs for Ad Valorem Tax Factor											
PROPERTY \$ 0 1 \$ So REAL PROPERTY \$ 0 1 \$ 0 1 \$ 0	1240			Amount	Subject to Ad Valorer See Note	m Tax Factor	No.	tes				П	
REAL PROPERTY \$ 0 1 \$ 0 PERSONAL PROPERTY \$ 0 1 \$ 0 CAPTAL STOCK \$ 0 1 \$ 0 CAPTAL STOCK \$ 0 1 \$ 0 OTHER TAXES \$ 0 0 \$ 0 CALCE AND USE TAXES \$ 0 0 \$ 0	7240	PROPE					Source of data in C.	O mmnlo					
PERSONAL PROPERTY \$ 0 1 \$ 0 GROSS RECEIPTS \$ 0 1 \$ 0 1 GROSS RECEIPTS \$ 0 1 \$ 0 0 CAPITAL STOCK \$ 0 1 \$ 0 0 OTHER TAXES \$ 0 0 \$ 0 0 CAPICAL TAXES \$ 0 0 \$ 0 0	7240.1					0							
GROSS RECEIPTS	240.1											_	
CAPITAL STOCK	7240						1 = subject to Ad	Valorem Ta	×				
OTHER LAKES UNITED COMMISSION SALES AND ISSTANCE CALCE AND ISSTANCE CALCE AND ISSTANCE	7240						0 = not subject to	Ad Valorem	Tax				
FUBLIC UTILITY COUNTY C	7240	11										_	
	240.8	-1										_	

D	,		0	u u		-	9								
Support Asset Factors - Inputs Sheet											Binder Ta	qu	е		
7240.93 FEDERAL SUPERFUND		s	0	0	s	0								_	
7240.94 SINGLE BUSINESS TAX		s	0	0	s	0								_	
7240.99 OTHER			0			0									
			0		•										
29 Book Investment															
130 Account Name			Amount	Source				Des	tination:						
2001 Beginning Balance Investment		•	7,584,194,000	File AIT 2002	ARMIS accoun	nt TPIS.xls		Cell	D 133						
2001 Ending Balance Investment		s	7,964,280,000												
Average Balance		s	7,834,237,000	average(Cell D	131 : D 132)			Cell) 135						
Ad Valorem Tax Factor			0	Cell F 126 / Cell	10 133			Cell	33 to Cell L	98					
														1	
	ort Asset Factors - Inputs Sheet SEDERAL SUPERFUND SINGLE BUSINESS TAX BOTHER THE Account Name THE Beginning Balance Investment Average Balance Investment Average Balance Ad Valorem Tax Factor	TI Asset Factors - Inputs Sheet FEDERAL SUPERFUND SINGLE BUSINESS TAX OTHER astment Account Name Beginning Balance Investment Ending Balance Investment Average Balance Ad Valorem Tax Factor	TI Asset Factors - Inputs Sheet FEDERAL SUPERFUND SINGLE BUSINESS TAX OTHER astment Account Name Beginning Balance Investment Ending Balance Investment Average Balance Ad Valorem Tax Factor	TI Asset Factors - Inputs Sheet FEDERAL SUPERFUND SINGLE BUSINESS TAX OTHER STAN STAN STAN STAN STAN STAN STAN STAN	TI Asset Factors - Inputs Sheet FEDERAL SUPERFUND SINGLE BUSINESS TAX OTHER STAN STAN STAN STAN STAN STAN STAN STAN	TI Asset Factors - Inputs Sheet FEDERAL SUPERFUND SINGLE BUSINESS TAX OTHER STAN STAN STAN STAN STAN STAN STAN STAN	A Saet Factors - Inputs Sheet SECERAL SUPERFUND SECENTIAL SUBFERFUND SECONTHER SECONTHER Account Name Account Name SECONTHER SECONTH	### Amount Account Name S	Account Name	Account Name	Account Name	Color Colo	Account Name	Account Name	Account Name

		Binder lab :	
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	-	-	
	rtor - Reci	1000	
1	Accet Fa	10000	
1	trough	1	-

Capital Cost	Capital Cost - All excluding TBO & Small Value Items		Expenses		
	Source:	Tab Inputs SAF, Col. L		Source:	Tab Inputs SAF, Col. (
	Destination:	Col. D row 26 to 37		Destination:	Col. D row 26 to 3
Account	Description	Capital Cost	Account	Description	Net Expense
2111.admin	2111.admin Land Admin	\$ 317,842			
2111.support	111. support Land Network Support	\$ 74,342			
2112,admin	112,admin Motor Vehicles - Admin	\$ 1,169,288	6112.admin	Motor Vehicles - Administrative	\$ 580,910
2112, plant	Motor Vehicles - Plant Specific	\$ 10,511,912	6112.plant	Motor Vehicles - Plant Specific	\$ 5,222,383
2114.1	Tools & Other Work Equipment	\$ 8,767,420	6114	Tools and Other Work Equipment	\$ 692,298
2121.1	Buildings - Administration	\$ 23,082,700	6121.admin	Land & Bldg Total - Administration	\$ 9,736,181
2121.3	Buildings - Network Support	\$ 5,398,963	6121.support	Land & Bidg Total - Network Support	\$ 6,172,095
2122.1		\$ 270,204	6122	Furniture & Artwork	\$ 532,812
2122.2	Artwork	\$ 12,691			
2123.1	Office Equipment - Office Support	\$ 663,775	6123	Office Equipment	\$ 14,358,193
2123.2	Office Equipment - Communications	\$ 189,434			
2124.1	GPC	\$ 3,297,776	6124.PC	GPC	\$ 79,757,593
2690.PC	Capitalized Software - PC part	0 \$			
			6563	Amortization - Tangible	\$ 434,94
	TOTAL subject to Support Asset Factor	\$ 53,756,346			\$ 117,487,406

	Emp	Employee Group	Plant Employees	Operators	Service Rep	Marketing & Corporate	Total Supporting Base	SA Factor Per Supported Salary Dollar
		Acct	62xx-65xx	66218 6622	6,623	661x & 67xx	See Note 1	= Col. D / Col.
Support Asset	/ ⁸	Cost ? 3	0	s 0 s	s	0 \$		
Land Admin	s	317,842			-		s	0
Land Network Support	s	74,342	•	0	0	0	s	0
Building Admin	s	32,818,881		-		-	S	0
Building Network Support	s	11,571,058	-	0	0	0	s	0
Motor Vehicles Admin	s	1,750,198	-	0	0		s	0
Motor Vehicles Plant	s	15,734,296	-	0	0	0	S	0
Tools and Work Equipment	s	9,459,717		0	0	0	s	0
Furniture and Artwork	s	815,707	-			-	s	0
Office Equipment	s	15,211,401		-	-	-	s	0
GPC - PC and other plant direct	s	83,055,369	-	0	-	-	s	0
Capitalized Software - PC part	s	0		0	-	-	S	0
Depreciation - Tangible	s	434,941	1		-		S	0
TOTAL SUPPORT ASSET COSTS TO		134 244 44F						

Support Asset Factor (see note 2)

Exhibit MS-10 (Ohio Only - SAF) SAFactor

Data Run Date (7774/2003)

FCC Report 43-02, the ARMIS USOA Report Table B-1.B. Balance Sheet Accounts (Plant Accounts)

																												u.					- 1	-1	_	-1	_	_1	1									
																											12002	Total	(p)	8.070.939	17,785	85.517	0	64 969	629 D45	4.574	5.417	51.104	80,05%									
																											Y2001	Total	(a)	7774.582	17,634	68,589	8	62 792	508 882	2,043	7.144	2005	A 169									
Ending Balance																														8,070,937	17,785	85,516	0	64 988	629,045	2,3/4	119'9	51,105	60,039									
Beginning Balance (ab)																														7,774,583	17.634	68 589	0	62,733	608.882	787	7767	34,902	801 K			Ī						
Kow 110e	Telecommunications plant in service (TPIS)	Land	2112 Motor vehicles	rorafi	2114 Tools and other work equipment	Buildings	Fumiline	2123 Office equipment	2124 General purpose computers.	intangibies	Telecommunications plant in service (TPIS)	put	Mofor vehicles	Aircraft	2114 Tools and other work equipment	Buildings	- Umiliare	2224 Omice equipment	2820 Interchise	2001 Talerommunications rient in service (TDIC)	Land	2112 Motor vehicles	rcraft	Tools and other work equipment	Buildings	2122 Furniture	Office equipment	2124 General purpose computers	Intangbies	2001 Telecommunications plant in service (TPIS)	put	2112 Motor vehicles	rerafi	2114 Tools and other work equipment	1 2121 Buildings	umilure	Office equipment	General purpose computers	ZBSO Intangibies	2001 Telecommunications plant in service (TPIS)	CITI Land	otor vences	2114 Tools and other work equipment	2121 Buildings	Furniture	2123 Office equipment	General purpose computers	2690 Intangbies
		2111	112 M	2113 Aircraft	114 Te	2121 B	2122 F.	1230	124 G		2001 T	1 2111 Land	2112 M	2113 A	114	2121 B	7777	0 2000	5 LA	1	2111	112 M	2113 Aircraft	2114 T	2121 B	122 F	21230	124 G	2690 In	100	2111 Land	112 M	2113 Aircraft	114 7	121 B	122	0 5217	2124 G	990	100	2117 Land	2113 Airraft	114	121 B	2122 F	1230	2124 G	FIRM In
	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	12	12	7 .	7	2 6	6 1	12	1 2	1 2	1 2	1 2	1 2	1.2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	4 2	2 .	1 4	12	3 6	2 .	3 0	1.2	1 2	1 2	1 2	1 2	1 2	1 2
Sub Num Sub Num	1			+			1	+	1	1	+	+		1		-			-	-			-	1	1	1	1	-		1	1	1	+	1	-					ľ			-	+	-	+	-	
Сомрану	ilinois Beil	llinois Bell	Ilinois Beil	linois Bell	Illnois Bell	Illnois Beil	Illinois Beil	Ilinois Beil	Minors Beil	Ilinois Beil	Indiana Bell	Indiana Bell	Indiana Beil	ndiana Beil	Indiana Bell	Indiana Bell	Indiana Bell	Indiana pell	Indiana Ball	Michigan Ball	Michigan Bell	Michigan Bell	Michigan Bell	Michigan Bell	Michigan Bell	Michigan Bell	Michigan Bell	Michigan Bell	Michigan Bell	Ohio Bell	Ohio Bell	Onio Bell	4302 OBOH Onio Bell	Ohio Bell	4302 OBOH Onio Bell	4302 OBOH Ohio Bell	Ohio Bell	Ohio Bell	4302 OBOH One Berr	4302 WTWI Wisconsin Bell	Wild Consult Dell	4302 WTW! Wisconsin Ball	A 302 WTW! Wisconsin Beil	Wisconsin Beil	4302 WTW! Wisconsin Bell	4302 WTWI Wisconsin Bell	4302 WTWI Wisconsin Bell	Warphain Bell
480			Ī							П					\neg	_	-	+	_	-	-	•	•		MBM			IBMI	ABM	HOR	OBOH	HOBO	HOBO	180H	H080	HOH	HOR	HOBO	HOB	VTW!	VT-MAN	TWI	VTW	VTWI	VTW	VTW	VTWL	VTWI
Report Number COSA	4302 [1	4302 LBIL	4302 LBII	4302 LBIL	4302 LBIL	4302 1.81	4302 1.81	4302 LBIL	4302 LBIL	4302 LBIL	4302 NBIN	4302 NBIN	4302 NBIN	4302 NBIN	4302 NBIN	4302 NBIN	A SUZ NBIN	ASSOCIATION ASSOCIATION	AND MAIN	ATOM SOCIA	4302 M	4302 MBMI	4302 MBMI	4302 MBMI	4302 M	4302 MBMI	4302 MBMI	4302 MBM	4302 MBMI	4302 C	4302 0	4302 OBOH	4302 C	4302 OBOH	430210	4302 C	4302 OBOH O	4302 C	4302 C	4302 V	I AN I AN ONCE	4.000 M	W COFA	4302 WTWI	4302 W	4302 V	4302 W	4302 W

88 93% 81 99% 91 90% 92 94% 82 44% 89 32%

88.45. 91.235. 9.005. 9.005. 9.005. 9.005. 9.005. 9.005. 9.005. 9.005. 9.005. 9.005. 9.005. 9.005. 9.005. 9.005. 9.005.

> 3,202 3,2660 4,52 4,946

58823 2.983 2.983 5.867 97.462 34.155

REGULATED %

EGULATED %

Y2001 Total

Y2902 Total Regulated

72001 Total Regulated 7,584 194 16,659 62,577

FCC Report 43-02, the ARMIS USOA Report Table I-1. Income Statement Accounts

eport Number	COSA	Company	Sub Num	Ros	T.	Y2002 Amount (b)
4302	LBIL	illinois Beil		6112	Account 61	2 - Motor vehicles
4302	LBIL	Illinois Beill	1	6113	Account 61	3 - Aircraft
4302	I AII	Illinois Bed		6114	Account 611	4 - Tools and other work aduloment

Data Rue Date (Fine/2003

FCC Report 43-02, the ARMIS USOA Report Table B-1.B. Balance Sheet Accounts (Plant Accounts)

Y2002 slance Ending Balance (af)																																															
Y2002 Beginning Balance (ab)		_												_	_	_	_	_	_	_	_	_	_	_	_			-	6		an i	0	wa 1	io i	মা	ובע	0										
Row Title	6110 Network support	Land & building	Fumiliare & artworks	6123 Office equipment	6124 General purpose computers	6563 Amortization-tangible	Operating other taxes	6112 Account 6112 - Motor vehicles	6113 Account 6113 - Aircraft	5114 Account 6114 - Tools and other work equipment	Network support	Land & building	Furniture & artworks	6123 Office equipment	6124 General purpose computers	6563 Amortization-tangible	Operating other taxes	6112 Account 6112 - Motor vehicles	Account 6113 - Aircraft	5114 Account 5114 - Tools and other work equipment	6110 Network support	6121 Land & building	Fumilize & artworks	6123 Office equipment	General purpose computers.	6563 Amortization-tangible	ing other taxes	6112 Accol 8,734		736	7,468	36.27	615	16.696	88.002	485	98,450	6112 Account 6112 - Motor vehicles	Account 6113 - Aircraft	6114 Account 6114 - Tods and other work equipment	6110 Network support	6121 Land & building	Furniture & artworks	Office equipment	General purpose computers	6563 Amortization-tangible	
	Vetavor	and &	muun.	Office	Genera	Amortiz	Operati	Account	Account	Account	Network	and &	umitu	Office	Genera	Arriortia	Operat	Account	Account	Account	Vertwo	and &	- umillu	Office	Genera	Amorti	Operat	Acco	Acco	Acco	Network	puer	Fumil	Office	Gene	Amor	Opera	Account	Accoun	Accoun	Network	Land &	Furnita	Office	General	Amonta	
Sub Num	6110	6121	6122	6123	6124	6563	7240	6112	6113	6114	6110	5121	8122	6123	8124	6563	7240	6112	6113	6114	6110	6121	6122	6123	8124	6563	7240	6112	6113 Acco	8114	6110	6121	6122	6123 Office	8124 Gene	6563	7240	6112	6113	6114	6110	6121	6122	6123	6124	6563	
Sub Num		+	1	-	-	1			+	1	1	1	+	+	+	+	-	-	-		-			-		,		•	1	1.		1	1	1	1	*		1	1.	1	1	1	1		1	-	
Company	Illinois Bell	Illinois Bell	Illinois Bell	Illinois Bell	illinois Beil	Sinois Bed	Minors Bell	Indiana Bell	Indiana Beil	Indiana Beit	Indiana Beil	Indiana Beil	Indiana Bell	Indiana Bell	Indiana Bell	Indiana Bell	Indiana Bell	Michigan Bell	Michigan Beil	Michigan Bell	Michigan Bell	Michigan Bell	Michigan Bell	Michigan Bell	Michigan Bell.	Michigan Bell	Michigan Bell	Ohio Bell	Ohio Bell	Ohio Bell	Ohio Beil	Ohio Beill	Ohio Bell	Ohio Bell	4302 OBOH Onio Bell	4302 OBOH One Bell	Ohio Bell	Wisconsin Bell	Wisconsin Bell	Wisconsin Bell	Wisconsin Bell	4302 WTW! Wisconsin Bell	Wisconsin Bell	4302 WTW! Wisconsin Bell	4302 WTW! Wisconsin Bell	4302 WTW! Wisconsin Bell.	
COSA			Ī	Ī		Ē	Ī		1								-	MBMI	MBM	╛	_	-	-	7	4302 MBM	4302 MBM	•						4302 OBOH	4302 080H	ОВОН	OBOH	ОВОН		4302 WTWI	4302 WTWI	4302 WTWI	WIM	4302 WTWI	WTW	WTW	WTW	
Report Number COSA	4302 LBIL	4302 LBIL	4302 LBIL	4302 LBIL	4302 LBIL	4302 LBIL	4302 LBIL	4302 NBIN	4302 NBIN	4302 NBIN	4302 NBIN	4302 NBIN	4302 NBIN	4302 NBIN	4302 NBIN	4302 NBIN	4302 NBIN	4305	4302	4302	4302 MBM	4305	4305	4302	4302	4302	4302	4302	4302	4302	4302	4302	4302	4302	4302	4302	4302	4302	4302	4302	4302	4302	4302	4302	4302	4302	

T2002 REGULATED %	86.2%	20 0	84.3%	87.0%	92.683%	86.7%	86.0%	759 06	93.5%	×98.6%
Y2002 Total Nonregulated	831	0	42	973	2,800	82	2,338	8.244	30	1340
Y2002 Total Regulated	5,803	0	269	6,495	35,489	533	14,358	79,758	435	97,102
Total (b)	6.734	0	13M	7,468	38,269	615	16.696	88,002	465	98.451

		AIT	2002										
NUTCE	Source Amentech Regulatory Accounting Group			Start of Ye	Start of Year Balance					End of Year Balance	r Balance		
	General Support Assets	Illihois	Indiana	Michigan	Ohio	Wisconsin	AIT Total	Illihois	Indiana	Michigan	Ohio	Wisconsin	AIT Total
2111	1 Land (2111)	\$ 31,955,314	11,425,093	29,379,577	17,634,116	17,384,123	107,778,223			29,613,769	17,784,457	17,567,575	118,181,023
2112	2. Motor Vehicles (2112) 3. Aucraff (2113) Work Fourtement	119.381.982	31,994,948	38,026,055	68,588,786	11,389,053	269,380,824	\$ 147,324,781	39.850,427	55,821,543	85,516,391	17,144,889	345,658,032
21141	44	\$ 146,684,743	49,240,050	850,667,77	60,938,727	35,301,392	369,963,951	\$ 157,476,032	45,399,522	84,119,316	64,989,093	38,055,934	390,039,897
21147	101	5 3,012,100 \$ 149,696,844	50,731,305	2,935,763	1,854,063	36,073,248	10,065,038	\$ 157,476,032	45,399,522	84,119,316	64,989,093	38,055,934	390,039,897
2121	6 0 ch	\$ 1,013,457,401	326,260,828	3,913,493	2,425,820	368 594 367	3,061,410,526	\$ 1,072,215,084	335,004,612	3,586,238	629.045.203 2.425.820	384,179,090	3,193,399,454
21227	10 Atworks (2122.2) 11 Embedded Invest small Value (2122.	1 5 1,920,382	477.846	1,110,182	1,068,875	1,005,157	5,582,442	\$ 65.102	00	538.286	148,278	26.500	808.166
21231	25	90	212 141	975,027	5,322,224	1,049,493	7.089,842	\$ 7,890,668	1,657,819	6.872.929	5,322,224	891,360	28,423,125
37	2 to		486,084	8,555,249	547,003	391,963	3,081,358	\$ 11,145,374	1,777,402	7,806,451	6.416,780	7,570,845	34,716,853
2124.1	5 to	6 \$ 61,986,363 5,802,403	43,886,515	44,019,819	93,264,678	31,141,586	274,298,961	5 54,592,214	9,167,232	26,053,995	51,104,493	25.410.433	166.328.367
	(Ln 2.3.7.8.9.11.15,16,17)	\$ 1,371,861,692	458,861,735	924,789,571	845,802,321	459,908,377	4,061,223,695	\$ 1,446,834,016	431,842,916	950,343,009	839,497,781	473,539,220	4,142,056,942
	 Total General Support Assets (Ln 1+10+18) 	\$ 1,403,882,108	470,286,828	954,707,434	863,584,715	477,349,000	4,169,810,085	\$ 1,488,445,163	43,512,092	980,495,064	857,430,517	491,163,295	4,261,046,131
2690	76 Intangible Assets (2690)	\$ 91,286,576	\$ 25,613,813	\$45,364,364	\$ 34,168,255	\$45,364,364 \$ 34,168,255 \$ 19,703,172 \$		216,136,178 \$ 137,839,250	\$43,687,677	-	\$ 60,058,767	\$ 32,935,579	\$ 351,391,027
2001	(Ly 1+10+73+77)	***	4082231898	10399267739	4082231898 10399267739 7,775,176,296	3772732988	3772732988 \$38.300.215.153 \$12.819.282.471	\$ 12,819,282,471	4248958480	10922661513	8070935648	3910112570 \$39,971.	\$39.971.950,682

PUCO Case No. 02-1282-TP-UNC
Testimony of Michael Starkey
Exhibit MS-10
Page 8 of 12

INPUTS FOR JOINT CLEC ADJUSTMENTS TO BUILDING AND LAND INVESTMENT USED IN ACF STUDY

PERCENTAGE OF BUILDING SPACE LEASED TO NON-AFFILIATED ENTITIES (SBC's response to MS-69)

TOTAL SQUARE FOOTAGE LEASED TO THIRD PARTIES

% OF TOTAL 3.80%

OHIO GENERAL LEDGER EXPENSES - 2002

Sum of total EXPENS		STATE
Main Account bub Acco		Ohio
6112	1000	143,990
	2200	178,405
	2300	44,734
	9110	7,182,579
	9120	379,347
	9130	84,169
	COCC	
	9140	30,514
	9150	963,503
	9210	8,856,699
	9220	(221,620)
	9230	308,412
	9300	7,408,813
	9400	(19,651,938)
	9900	1,026,734
6112 Total	3300	6,734,340
	4440	
6114	1110	3,184,694
	1120	1,043,238
	1190	18,349
	1200	28,913
	1300	(3,498,429)
	1910	22,854
	1990	20,391
	9300	3,866
	9900	16,509
CAAA Total	9900	
6114 Total	4400	840,385
6121	1100	10,198,050
	1910	59,753
	1920	(136,457)
	2120	3,143,291
	2130	693,975
	2140	161,900
	2190	0
	2210	7,578,483
	1.000	
	2220	1,352,531
	2230	624,161
	2310	1,248,351
	2320	599,916
	2330	736,028
	2390	36,362
	5100	11,681,166
	5200	15,043
	Complete account	Company of the Company
CADA Tatal	7000	277,172
6121 Total		38,269,725
6122 (blank)		614,783
6122 Total		614,783
6123	1100	105,867
1.7.7.1	1200	16,489,962
	2000	100,396
6123 Total		16,696,224
6124	1000	(2,600,619)
0124	100 100 100 100	
	9100	24,862,676
	9200	56,990
	9900	65,682,505
6124 Total		88,001,551
6563	1000	81,649
-	2000	383,288
6563 Total	2000	464.937

AIT 2002 Expenses for Suppor Asset Accounts Source: SBC Regulatory Accounting Group

STATE	Acct A	Main AccoS	ub AccouField R	Activity - Year-to-Date epototal EXPENSE
Ohio	6112.1000	6112	1000	\$143,989.86
Ohio	6112.2200	6112	2200	\$178,405.16
Ohio	6112.2300	6112	2300	\$44,734.17
Ohio	6112.9110	6112	9110	\$7,182,578.50
Ohio	6112.9120	6112	9120	\$379.347.05
Ohio	6112.9130	6112	9130	\$84,168.67
Ohio	6112.9140	6112	9140	\$30,513.63
Ohio	6112.9150	6112	9150	\$963,502.98
Ohio	6112.9210	6112	9210	\$8,856,698.72
Ohio	6112.9220	6112	9220	(\$221,619.89)
Ohio	6112.9230	6112	9230	\$308,412.07
Ohio	6112.9300	6112	9300	\$7,408,812.97
Ohio	6112.9400	6112	9400	(\$19,651,937.97)
Ohio	6112.9900	6112	9900	\$1,026,734.19
Ohio	6114.1110	6114	1110	\$3,184,694.33
Ohio	6114.1120	6114	1120	\$1,043,238.21
Ohio	6114.1190	6114	1190	\$18,348.55
Ohio	6114.1200	6114	1200	\$28,912.95
Ohio	6114.1300	6114	1300	(\$3,498,428.87)
Ohio	6114.1910	6114	1910	\$22,853.89
Ohio	6114.1990	6114	1990	\$20,390.96
Ohio	6114.9300	6114	9300	\$3,865.88
Ohio	6114.9900	6114	9900	\$16,509.13
Ohio	6121.10M	6121	1100 10M	\$2,033,943.52
Ohio	6121.10R	6121	1100 10M	\$8,164,106.43
Ohio	6121.1910	6121	1910	\$59,753.49
Ohio	6121.1920	6121	1920	(\$136,457.10)
Ohio	6121.2120	6121	2120	\$3,143,291.10
Ohio	6121.2130	6121	2130	\$693,975.08
Ohio	6121.2140	6121	2140	\$161,900.29
Ohio	6121.2190	6121	2190	\$0.00
Ohio	6121.2210	6121	2210	\$7,578,482.86
Ohio	6121.2220	6121	2220	\$1,352,531.36
Ohio	6121.2230	6121	2230	\$624,160.61
Ohio	6121.2310	6121	2310	\$1,248,350.82
Ohio	6121.2320	6121	2320	\$599,915.82
Ohio	6121.2330	6121	2330	\$736,028.38
Ohio	6121.2390	6121	2390	\$36,362.24
Ohio	6121.5100	6121	5100	\$11,681,166.28
Ohio	6121.5200	6121	5200	\$15,042.50
Ohio	6121.7000	6121	7000	\$277,171.76
Ohio	6122.	6122	7000	\$614,783.10
Ohio	6123.1100	6123	1100	\$105,866.63
Ohio	6123.1200	6123	1200	\$16,489,961.53
Ohio	6123.2000	6123	2000	\$100,395.93
Ohio	6124.1000	6124	1000	(\$2,600,619.17)
Ohio	6124.9100	6124	9100	\$24,862,675.66
Ohio	6124.9200	6124	9200	\$56,989.63
Ohio	6124.9900	6124	9900	\$65,682,504.88
01110				
Ohio	6563.1000	6563	1000	\$81,648.53

11	(0000								
	Sac	Capital C	SBC Communications, Inc. pital Cost Model - CAP(SBC Communications, Inc. Capital Cost Model - CAPCS						
		AIT Based or 2002	AIT 2002	Data						
		Issue Date: 10/30/2003		Study Type: Standard	Standard					
		Create	Create 5 state CAPCS	- 8						
(1) Inpu	Inputs for Capital Cost Factors	ctors								
L	Vintage Placement Year.	2002	_	State	Ohlo	Ohio	Ohlo	Ohio	Ohio	A
	EOY Demand Units:	10000		Cost of Capital :	7.53%	7.53%	7.53%	7.53%	7.53%	7.53%
_	Cost of Capital :	7.53%		Composite Tax Rate:	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%
	Composite Tax Rate:	35.00%		Debt Ratio:	32.84%	32.84%	32.84%	32.84%	32.84%	32.84%
	Annual Interest Rate:	4.15%		Annual Interest Rate.	4.10%	4.13%	4.15%	4.15%	4.15%	4,15%
Account	Description	Accompany	Dollasson	Chant Ass	Chart Assess Consises No. / Vancou			1		
Number	condenses	Life	Method	TIGHT ASS	er Service Life Tea			Cost of Removal		Life
2111 Total Land	pue		C	10						
	Total Motor Vehicles	8.5	35	8.5				14.0%		v
	Tools and Other Work Equipment	12.0	SL	12.0				%00		'n
2121.1 Buildin	Buildings - Administrative	44.0	St	44.0				8.0%		36
21212 Buildin	Buildings - Network	44.0	St	440				8.0%		39
2121.3 Buildin	Buildings - Network Support	0.77	SL	44.0				8.0%		38
	ure	23.0	SL	23.0				5.0%		7
	Office Equipment - Office Support	10.0	SL	10.0				%0.0		40
2	Office Equipment - Office Communication	0.7	SL	7.0				0.0%		vi
	General Purpose Computers	0.7	ระ	7.0				8.0%		S
2690 Intang	Intangible Assets	9	SL	6.0				0.0%		6

SBC Communications Capital Cost System PC Version 1.0 Results

Cost of Capital :	Composite Tax Rate	Debt Ratio:	Annual Interest Rate
	AIT		002

Account	Account Name	Book Depreciation		Income Tax Expense	Cost of Income Tax Total Capital Money Expense Costs
2111	Total Land	%0.0	7.2%	3.2%	10.4%
2112	Total Motor Vehicles	10.8%	3.6%	1.6%	15.9%
2114	Tools and Other Work Equipment	8.3%	3.2%	1.4%	13.0%
2121.1	Buildings - Administrative	2.1%	5.2%	2.3%	9.5%
21212	Buildings - Network	2.1%	5.2%	2.3%	9.5%
21213	Buildings - Network Support	2.1%	5.2%	23%	85.6
2122	Fumiture	4.1%	3.6%	1.6%	93%
2123.1	Office Equipment - Office Support	10.0%	3.2%	1.4%	14.6%
2123 2	Office Equipment - Office Communication	14.3%	3.3%	1.5%	19.0%
2124	General Purpose Computers	13.4%	3.4%	1.5%	18.4%
2690	Intangible Assets	16.7%	3.0%	1.3%	210%

AIT	Straight	Average		
Ohio	7.53%	35.00%	32.84%	4.15%
Ohio	7.53%	35.00%	32.84%	4.15%
Ohio	7.53%	35.00%	32.84%	4.15%
Ohio	7.53%	35.00%	32.84%	4.15%
Ohio	7.53%	35.00%	32.84%	4.15%

Account	Total Capital					
Number	Costs	Costs	Costs	Costs	Costs	Costs
2111	10.40%	10.40%	10.40%	10.40%	10.40%	10.40%
2112	15.88%	15.88%	15.88%	15.88%	15.88%	15.88%
2114	12.96%	12.96%	12.96%	12.96%	12.96%	12.96%
2121.1	9.51%	9.51%	9.51%	9.51%	9.51%	9.51%
21212	9.51%	9.51%	9.51%	9.51%	9.51%	9.51%
21213	9.51%	9.51%	9.51%	9.51%	9.51%	9.51%
2122	9.30%	9.30%	9.30%	9.30%	9.30%	9.30%
2123.1	14.64%	14.64%	14.64%	14.64%	14.64%	14.64%
2123.2	19.04%	19.04%	19.04%	19.04%	19.04%	19.04%
2124	18.37%	18.37%	18.37%	18.37%	18.37%	18.37%
2690	20.98%	20.98%	20.98%	20.98%	20.98%	20.98%

BEFORE THE

PUBLIC UTILITY COMMISSION OF OHIO

In the matter of the Review of SBC Ohio's)	
TELRIC Costs for Unbundled Network)	Case No. 02-1280-TP-UNC
Elements)	
)	

TESTIMONY OF MICHAEL STARKEY

EXHIBIT ___ (MS-11)

Modified SBC Support Asset Factors Study – Regional Data

INPUT AND RESULTS SHEETS ONLY FULL SAF PRESENTATION PROVIDED AS AN ELECTRONIC FILE ONLY ON CD-ROM

This Exhibit is Considered Confidential Pursuant to the Protective Order in Case No. 02-1280-TP-UNC – Filed Under Seal. It is Available Only in the Confidential Version of this Filing

		3	0			9	ı		7	×	1
Suppo	Support Asset Factors - Inputs Sheet								Binder Tab	п	
3 (1)	GENERAL INFORMATION										
4		Region	AIT								
		Data Year	2002								
9		Issue Date	10/30/2003								
- 00		Study Type	Mandard								
10 (11)	Salaries and Wag					Marketing &					
11 Acct	Description	Salary	Plant Employees	Operators	Service Kep	Corporate					
-		File Art 2002 Salary Data xls	62xx-65xx			661x & 67xx					
ē		Cal D la G	Tab SAFactor Call E 25	Tata SAV actor, Coll F 25	at Sweden California	Tel Safetty Call N. 23					
14 6210	Ō.	\$ 175,815,347	175,815,347								
_	Contra Office Touris	5 00 WK DR1	190 365 081								
_		\$ 136.492.366	136,492,366								
18 6410			-								
_	Ē		\$ 7,831,080								
0 6530		\$ 391,774,540	391,774,540								
1		\$ 23,561,591				\$ 23,561,591					
22 8621		19,106,645		19,106,645							
24 6621	Customer Services	\$ 352 923 845			\$ 352 923 845						
		\$ 1,329,383				\$ 1,329,383					
_		\$ 22,572,088			The second second second second	\$ 22,572,088					
	П	\$ 1,763,784,411	\$ 1,261,629,969	\$ 101,767,534	\$ 352,923,845	\$ 47,463,062					
29 (111)	INVESTMENT DATA										
30 Acct	Description	FRC	× essigned	Beginning investment	Ending Investment	Average investment	TBO	CC/BC Ratio	Capital Cost Factor	Applies to SAF	Annual Capita Cost
			Can raide 1 to 6	Can project	Can make &	01 31 37	Can profee 7	Can note 8	Can seed	1004	Us.H.Isla
32	Destration		Col E to H	Col G	Coli G	1 100	Coll	Col L		Coli	Col E
-	Total Resident		23 048	366 534 05 3	33 010 778	\$ 51 CEE CAT 1	ı	ľ	20 804	-	1 2569 7
34 2111 rthack	rinin Land Agmin		6212%	5 68,029,614	74,595,862	\$ 71,312,736		-	10.80%	0	2,000,000
35 2111 support			8 94%	\$ 9,635,373	10,565,383	\$ 10,100,378		-	10.80%	-	1,168,614
36 2111		200	20.001	107,778,223	118,181,023	112,979,623		1	70.80%	0	
2112 admin	Motor Vehicles - Admin		40 00%	20,000,000,000	34.560.359	30.782,693	•	1 0253	2/6076		2 283.395
39 211	×	1640	100%	\$ 269,380,824	345,658,032	307,519,428		-	15.97%	0	
40 21127	2.7 Motor Vehicles - Small Value Items			0 8	0	0				0	
2112	2	1640		1 269,380,824	345,658,032	307,519,428			15.97%	0	
42 21141	14.1 Tools & Other Work Equipment 14.7 Tools & Other Work Found - Small Other Issue	364,464,5640		369,963,951	390,029,897	380,001,924		11178	13 03%	- 0	\$ 58,617,729
2114	-			380,028,989	198,650,095	\$ 385,034,443		-	13.03%	0	
45 2121	τ=		27.94%	\$ 855,358,101	\$ 892,235,806	\$ 873,796,954	0	2	877%		\$ 234,307,028
_	-04		63 12%	\$ 1,932,362,324 \$	\$ 2,015,673,736	\$ 1,974,018,030	0		9 77%	0	*
47 21213		A CONTRACTOR OF THE PARTY OF TH	8.54%	\$ 273,690,101	285,489,911	\$ 279,590,006			977%	-	74 971 54
212	ĔĮ.	10,410,8100	100.00%	3,061,410,526	3,193,199,454	3,127,404,990		1		0	
50122	22.2 Atwork	710		808.166.5	808 166	808.166		1 0000	10.80%		\$ 905 50
				\$ 5.582,442 \$	0	\$ 2,791,221				o	
21.22	ш.			19,902,196	12,722,506	\$ 16,312,351 \$				0	
53 2123.1		1060	81.45%	3 30.345.831		29,384,478 \$			14.72%		\$ 4,748,287
A 1 21212	Office Engineeral - Communications	all others	18.55%	7,089,842	6.293.727	\$ 6.691,785 \$		1.0273	19.16%		1.170.085

Strong Control Asked Factoring Library Control Control Asked Factoring Library Control Asked Factoring Library Control Asked Factoring Library Control Asked	٧	88	,	0	,	-						
Control Cont	Suppo	ort Asset Factors - Inputs Sheet								Binder Tab	m	
Control Comparison C		3.7 Office Equipment - Small Value Items		1000 000	3,081,358	0 31 31 31 31 31 31 31 31 31 31 31 31 31		0 6			00	w w
Process Proc	3	-	200 1700	AK 11%	3 777 AGE RAE	141 502 073	\$ 959 905 781	0	1	20 84%	0	
Contractive Cont	4.04		S70,701,961C	14.89%		\$ 24.766.294	\$ 32,804,705 \$	0		20 84%	- 6	2
Cheese Proposed Company Schwarz Chee	24.24			100.00%		166,328,367	\$ 228,560,331 \$	0		20.84%	0.0	
Character Departs Character Compare Schools - T_C at			399C		\$ 216,136,178	\$ 351,391,027	\$ 283,763,602 \$	0		38.20%	0	
Fig. 10 Fig.			770C	-			000	0 5		38.20%	0 -	w v
Comparing Communication Schools (Comparing Comparing C	R		790C	14 6976				0	-	38 20%	0	
Color Engineer Eng	8	-		14 89%	0 216136178	0 161 191 027	2 0 5 197 195 2	06	++	38 20%	-0	
Computer distribution is statumed as the status as Owned Buildings: The estimated base Desiration of a statument as the Price All 2002 Computer Destrubution status is from Price All 2002 Computer Destrubution status All 2002 Computer Destrubution All 2002 Computer Destrubution All 2002 Computer Destrubution All 2002 Computer All 2002 Computer Destrubution All 2002 Computer Destrubut		TOTAL subject to Support Asset Factor			\$ 4169,810,085	\$ 4.261,046,131	\$ 4215,428,108 \$	0	1		,	\$ 436,407,2
EXPENSE DATA L	1	101 Act Subject to Support Asset Factor Lined described to assumed as the same as Owned B Lined described on assumed as the same as Owned B 2 Building destructions data is thorrifele AT 2002 Building 3 Motor Verlack Destruction data is from File AT 2002 Comp 5 Office Equipment distribution data is from File AT 2002 Com 5 Office Equipment distribution data is to calculated as the		mmary As b ment among the main aci		100 E- 100 PB	Investment data from File Adjustment, where applied TBO from File NIA CC/BC Ratio from File A Captal Cost Factor from	able, is from UT 2002 CC	File AT 200. Col O	2 ARMIS Overta count ats	4	
Source See notes 10 See notes 14 See notes 14 See notes 15 See notes 15 See notes 16 See notes 16 See notes 17 See notes 16 See notes 17 See notes 16 See notes 17 See notes	1	ATAC					both including only th	he cost of cap	otal and inco	me tax, but not a	Deprecation	
Source See notes 13 See notes 13 See note 14 See notes 14 See notes 15 Col G Col G Col G Tal Motor Venicles - Administrative 19 01% See notes 15 Col G Col		EAL ENDE DATA	3	0	d	0	æ					
Source S	L	Description	% if applicable	Annual Expenses	TB0	Subject to SAF	Net Expense					
Motor Vancies - Administrative Destroation Cot D & E Cot G Cot G Cot G Tal Motor Vancies - Administrative Beg 999% S 29,13,563 S Cot G Cot G S S Motor Vancies - Paint Specific Beg 99% S 29,13,563 S Cot G	euro)		See notes 13	See note 14		. Col O . Col P .						
Motor Venicles - Name Specific 10 01% 3 124.062 5 10 14 1 1 1 1 1 1 1 1 1		Destination		Col G	Col G	Col. G	Tab SAFactor, Col. J					
Tools and Other Work Equipment 190.00% 19.00 1		min Motor Vehicles - Administrative and Motor Vehicles - Plant Specific	20 01 % 89 99%				\$ 3,240,662					
Tools and Other Work Equipment 27 94%, 5 4486,331 \$ 0 0 1 0 5 4486,331	·w	Motor Vehicles	100.00%	\$ 32,374,245		0						
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Total Land & Buildings	_	Land & Bidg - Owned - Network Support	8.54%			0	a					
Land & Bidgo - Leased - Network - Stryke 1,786,830 5	!	- 1	100 00%	-		0.0	0					
Land & Bubby - Leased Network Support 100 00% \$ 34.77156 \$ 0 0 5 5 325179	_					00						
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Total Land & Buildings Support	6121 ntm			101,467,026		0.	0 000 000					
Furniture & Arbanch Stroke 22 Stroke	6121 sup	E .		\$ 31,900,902 \$ 140,687,723		. 0	200.000.15					
6123 Office Equipment 6124 Office Equipment 6124 PG 054,796 \$ 6 6 \$ \$ 6 6 \$ \$ 6 6 \$ \$ 6 \$ \$ 6 \$ <th< td=""><td>6122</td><td>+</td><td></td><td>2 106.422</td><td>_</td><td>-</td><td>\$ 2,106,422</td><td></td><td></td><td></td><td></td><td></td></th<>	6122	+		2 106.422	_	-	\$ 2,106,422					
6124 MF GDC - Maintanne and Midrange	6123	Office Equipment		\$ 89,058,796		,	\$ 99,058,796					
6124 PC (GPC - All Excluding MF/MR 14 89%, 5 64 489, 231 5 0 0 1 5 658 68 9 1 6124 Carboulden de la formatial Purpose Computer (GPC) 2 4,489,237 5 0 0 1 5 685 3			85.11%	\$ 369,058,563	*	0	0					
10tal General Purpose Computers (GPC)			14.89%	\$ 64,566,819		- 0	64,566,819					
Total Amortzation - Langitise 1 1 1 1 1 1 1 1 1	2 6124	Total General Purpose Computers (GPC)		100,020,000		-	4.489 297					
Notes: - Expense Data Source 10 Motor Vehicle Distribution data is from File. AlT 2002 Fleet Distribution as. 11 Building destribution data is from File. AlT 2002 Building Destribution als. 12 Computer distribution data is from File. AlT 2002 Computer Distribution als.	Total	Amortization - Langiture		\$ 298,312,607	0		\$ 298,312,607					
	No.	 Expense Data Source Motor Vehicle Distribution data is from File. AlT 2002.1 Motor Vehicle Distribution data is from File. AlT 2002 Building Connection distribution data is from File. AlT 2002 Control. 	Feet Distribution st g Distribution ats nouter Distribution at		Annual Expenses data In TBO data from File. N/A	om File AIT 2002 SA #co	counts Expenses xis					
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7240 PROPERATING OTHER LAXES See Note See Note 7240.1 PROPERTY \$ 270.951,329 1 \$ 270.951,329 7240.1 PERSONAL PROPERTY \$ 16,474,599 1 \$ 16,474,599 1 \$ 16,474,599 7240.2 GROSS RECEIPTS \$ 16,474,599 1 \$ 16,474,599 1 \$ 16,474,599 1 \$ 16,474,599 1 \$ 16,474,599 1 \$ 16,474,599 1 \$ 16,474,599 1 \$ 16,474,599 1 \$ 16,474,599 1 \$ 16,474,599 1 \$ 16,474,599 1 \$ 16,474,599 1 \$ 16,474,599 1 \$ 16,474,599 1 \$ 16,474,599 1 \$ 16,474,599 1 \$ 16,474,599 1 \$ 18,474,599 1 \$ 18,474,599 1 \$ 18,474,599 1 \$ 18,474,599 1 \$ 18,474,599 1 \$ 18,474,599 1 \$ 18,474,599 1 \$ 18,474,599 1 \$ 18,474,599 1 \$ 18,474,479 1 \$ 18,474,479 1 \$ 18,474,479 1 \$ 18,474,479 1 \$ 18,47	7240.1 PROPERATING OTHER TAXES See Note See Note Source of data 7240.1 PROPERTY \$ 270.951,329 1 \$ 270.951,329 1 \$ 270.951,329 1 \$ 270.951,329 1 \$ 270.951,329 1 \$ 270.951,329 1 \$ 270.951,329 1 \$ 270.951,329 1 \$ 270.951,329 1 \$ 270.951,329 1 \$ 270.951,329 1 \$ 16.474,599	m	Account	AT		Amount	Subject to Ad Valore	em Tax Factor	Notes			_
7240.1 REAL PROPERTY \$ 270,951,329 1 \$ 270,951,329 7240.1 REAL PROPERTY \$ 270,951,329 1 \$ 270,951,329 7240.1 REAL PROPERTY \$ 96,14 1 \$ 96,14 1 7240.2 GROSS RECEIPTS \$ 16,474,599 1 \$ 16,474,599 1 \$ 16,474,599 1 \$ 10,035,929 1 \$ 10,447,599 1	7240.1 PROPERTY Source of data 7240.1 PREA PROPERTY \$ 270,951,329 1 \$ 270,951,329 7240.2 PREA PROPERTY \$ 96,44 1 \$ 96,1329 1 \$ 96,1329 7240.2 GROSS RECEIPTS \$ 16,474,599 1 \$ 16,474,599 1 \$ 10,444,444 1 \$ 10,444,444 1 \$ 10,444,444 1 \$ 10,444,444 1 \$ 10,444,444 1 \$ 10,444,444 1 \$ 10,444,444 1 \$ 10,444,444 1 1	-	7240	OPERATING OTHER TAXES			See Note					
7240.11 REAL PROPERTY \$ 270.951,329 1 \$ 270,951,329 7240.12 PROPERTY \$ 16,445,99 1 \$ 270,951,329 7240.2 PRESONAL PROPERTY \$ 16,445,99 1 \$ 16,445,99 7240.2 GROSS RECEIPTS \$ 16,445,99 1 \$ 16,445,99 7240.2 GROSS RECEIPTS \$ 16,445,99 1 \$ 16,445,99 7240.3 CAPITAL STOCK \$ 10,035,800 0 \$ 16,445,99 7240.9 CAPITAL STOCK \$ 10,035,800 0 \$ 10,035,800 7240.9 CAPITAL STOCK \$ 10,035,800 0 \$ 10,035,800 7240.9 SALES AND USE TAXES \$ 2,182 0 \$ 2,182 7240.9 SINGLE BUSINESS TAX \$ 3325,077 1 \$ 3325,077 7240.9 OTHER \$ 300,566,408 \$ 300,566,408 Account Account Name \$ 300,566,408 \$ 300,566,408 2001 Ending Balance Investment \$ 39,71,951,000 File AT 2002 ARMIS account TPIS xis 2001 Ending Balance \$ 300,566	7240.11 REAL PROPERTY \$ 270.951,329 1 \$ 270,951,329 7240.12 PRESONAL PROPERTY \$ 16,414,594 1 \$ 270,951,329 7240.2 PRESONAL PROPERTY \$ 16,414,594 1 \$ 16,414,599 7240.2 CAPITAL STOCK \$ 16,414,599 1 \$ 16,414,599 7240.9 OTHER TAXES \$ 10,035,607 1 \$ 16,414,599 7240.9 OTHER TAXES \$ 10,035,609 0 \$ 10,035,607 7240.9 OTHER TAXES \$ 2,182 0 \$ 2,182 7240.9 SALES AND USE TAXES \$ 3,256,077 1 \$ 3,325,077 7240.9 SINGLE BUSINESS TAX \$ 3,256,077 1 \$ 300,566,408 Book Investment Account American Investment \$ 307,930,696 \$ 300,566,408 Average Balance Investment \$ 39,71,951,000 Average (Cell D 131. D 132.) Average Balance \$ 39,71,951,000 Average (Cell D 131. D 132.)	10		PROPERTY					Source of data in Column D			
7240 12 PERSONAL PROPERTY \$ 9.614 1 \$ 9.614 7240 12 PERSONAL PROPERTY \$ 1 \$ 9.614 1 \$ 9.614 1 \$ 9.614 1 \$ 9.614 1 \$ 1.6474,599 1 \$ 1.6474,599 1 \$ 1.6474,599 1 \$ 9.604,607 0 0 0 not subject 0 \$ 1 \$ 9.803,607 0 0 not subject 0 \$ 1 \$ 9.803,607 0 not subject 0 \$ 0 \$ 0 0 not subject 0 0 1 \$ 2,182 0 0 not subject 0 0 0 not subject 0 0 0 0 not subject 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7240 12 PERSONAL PROPERTY \$ 9.614 1 \$ 9.614 7240 12 PERSONAL PROPERTY \$ 1 \$ 16,474,599 1 \$ 16,474,599 1 \$ 16,474,599 1 \$ 16,474,599 1 \$ 16,474,599 1 \$ 16,474,599 1 \$ 16,474,599 1 \$ 10,036,607 0 = not subject to the tot tot tot tot tot tot tot tot tot to	100		REAL PROPERTY		\$ 270,951,329	-	\$ 270,951,329				
7240.2 GROSS RECEIPTS \$ 16,474,599 1 \$ 16,474,599 1 = subject to the subject t	72402 GROSS RECEIPTS \$ 16,474,599 1 \$ 16,474,599 1 = subject to the transfer to th	1=		10		\$ 9,614	1	\$ 9,614				
7240.3 CAPITAL STOCK \$ 9,803,607 1 \$ 9,803,607 0 = not subject 7240.3 CHER TAKES \$ 10,035,929 0 \$ 2,182 0 0 = not subject 7240.9 FUEL SAND USE TAXES \$ 2,182 1 \$ 2,182 0 0 0 = not subject 7240.9 FUEL SAND USE TAXES \$ 2,182 1 \$ 2,182 0	7240.3 CAPITAL STOCK \$ 9,803,607 1 \$ 9,803,607 0 = not subject 7240.3 OTHER TAXES 2 10,035,929 0 \$ 0.005,929 0	100		GROSS RECEIPTS		\$ 16,474,599		\$ 16,474,599	1 = subject to Ad Valorem Tax			
7240.9 OTHER TAXES \$ 10.035,929 0 \$ 0 7240.9 PUBLIC TULITY COMMISSION \$ 10.035,929 0 \$ 0 7240.9 PUBLIC TAXES \$ 4804 0 \$ 0 7240.9 SINGLE BUSINESS TAX \$ 261,836 0 \$ 0 7240.9 SINGLE BUSINESS TAX \$ 3.325,077 1 \$ 3.325,077 7240.9 OTHER \$ 3.00,566,408 \$ 3.00,566,408 Book Investment Account Mame Amount Source: \$ 300,566,408 2001 Ending Balance Investment \$ 39,71,951,000 File: AIT 2002 ARMIS account TPIS xis 2001 Ending Balance Investment \$ 39,71,951,000 File: AIT 2002 ARMIS account TPIS xis 2001 Ending Balance Investment \$ 39,137,859,000 average(Cell D 131; D 132)	7240.9 TAGOS OTHER TAXES \$ 10.035,929 0 \$ 0 7240.9 ZALES AND USE TAXES \$ 2.182 0 \$ 2.182 7240.9 ZALES AND USE TAXES \$.4804 0 \$ 2.182 7240.9 SINGLE BUSINESS TAX \$.261.839 0 \$ 0 7240.9 SINGLE BUSINESS TAX \$.261.839 0 \$ 0 7240.9 OTHER \$.305.077 1 \$ 33.25,077 Book Investment Account Mame \$.307.930.696 \$ 300,566.408 Account Account Name \$.303.767.000 File. AIT 2002 ARMIS account TPIS xis 2001 Ending Balance Investment \$.39.71.957.000 2001 Ending Balance Investment \$.39.71.957.000 Average Balance \$.39.71.859.000 Average Balance \$.39.71.857.000	75		CAPITAL STOCK		\$ 9,803,607		\$ 9,803,607	0 = not subject to Ad Valorem	Tax		
7240.91 PUBLIC UTILITY COMMISSION \$ 10.035,929 0 \$ 0 7240.91 SALES AND LOSE TAXES \$ 2,182 1 \$ 2,182 7240.92 SALES AND LOSE TAXES \$ -2,661,838 0 \$ 0 7240.94 SINGLE BUSINESS TAX \$ 3,325,077 0 7240.94 SINGLE BUSINESS TAX \$ 3,325,077 0 7240.94 SINGLE BUSINESS TAX \$ 307,830,696 \$ 300,566,408 Account Account Name Amount Source 2001 Ending Balance Investment \$ 38,71,851,000 Average Balance \$ 39,137,859,000 Average Balance \$ 39,137,859,000 Average Balance \$ 39,137,859,000	7240.91 PUBLIC UTILITY COMMISSION \$ 10.035,929 0 \$ 0 7240.91 SALES AND S	125		OTHER TAXES								
7240 92 SALES AND USE TAXES \$ 2,182 1 \$ 2,182 7240 93 FEDERAL SUPERFUND \$ -2,804 0 \$ 0 7240 94 SINGLE BUSINESS TAX \$ 3,325,077 \$ 3,325,077 7240 94 SINGLE BUSINESS TAX \$ 3,325,077 \$ 3,325,077 7240 95 OTHER \$ 3,005,666 \$ 300,566,406 Book investment Account Mane Amount Source 2001 Beginning Balance Investment \$ 39,137,850,000 Average Balance \$ 39,137,859,000 Average Balance \$ 39,137,859,000 Average Balance \$ 39,137,859,000	7240.92 SALES AND USE TAXES \$ 2,182 1 \$ 2,182 7240.92 FEDERAL SUPERFUND \$ -2.9804 0 \$ 0 7240.93 FEDERAL SUPERFUND \$ -2.6804 0 \$ 0 7240.94 SINGLE BUSINESS TAX \$ 3.325.077 1 \$ 3.325.077 7240.94 SINGLE BUSINESS TAX \$ 3.07.930.696 \$ 30.0566.406 Total Account Name Amount \$ 307.930.696 \$ 300.566.406 Account Account Name Amount Source \$ 300.566.406 2001 Ending Balance Investment \$ 38.33.767.000 Average (Cell D 131. D 132.) Ad Valorem Tax Factor \$ 39.137.895.000 Average (Cell D 133. D 132.)	1=		PUBLIC UTILITY COMMISSION		\$ 10,035,929	0	0				
7240.93 FEDERAL SUPERFUND S -9.804 0 \$ 0 7240.94 SINGLE BUSINESS TAX \$ -2.661.836 0 \$ 0 7240.94 SINGLE BUSINESS TAX \$ 3.325.077 1 \$ 3.325.077 Total Account Ame \$ 3.07.930.696 \$ \$ 300,566.408 Book Investment Account Name Amount Source Source \$ 300,566.408 2001 Ending Balance Investment \$ 39,71.957.000 File. AIT 2002 ARMIS account TPIS xis 2001 Ending Balance Investment \$ 39,71.957.000 File. AIT 2002 ARMIS account TPIS xis 2001 Average Balance \$ 39,137.859.000 average(Cell D 131. D 132)	7240 93 FEDERAL SUPERFUND \$ -9804 0 \$ 0 7240 94 SINGLE BUSINESS TAX \$ -2.661,836 0 \$ 0 7240 94 SINGLE BUSINESS TAX \$ 3.326,077 1 \$ 3.335,077 Total Account Interestment Account Interestment Amount Source \$ 300,566,408 2001 Beginning Balance Investment \$ 38,337,87,000 File. AlT 2002 ARMIS account TPIS xis 2001 Average Balance \$ 39,137,85,000 average(Cell D 131. D 132) Average Balance \$ 39,137,859,000 average(Cell D 131. D 132)	167		SALES AND USE TAXES		\$ 2,182	+	\$ 2,182				
7240.94 SINGLE BUSINESS TAX \$ -2 651.838 0 \$ 0 7240.99 OTHER \$ 3.325.077 \$ 3.325.077 Total \$ 3.325.077 \$ 3.00,566.408 Book Investment Account Mame Amount Source: \$ 300,566.408 2001 Ending Balance Investment \$ 39.71.957.000 File: ATT 2002 ARMIS account TPIS.xis 2001 Ending Balance Investment \$ 39.71.957.000 average(Cell D 131 : D 132) Average Balance \$ 39.137.859.000 average(Cell D 132) average Cell D 132)	7240.94 SINGLE BUSINESS TAX	100				\$ -9.804		0				
1	1	-		SINGLE BUSINESS TAX		\$ -2,661,836	0	0				
Total \$ 307,830,696 \$ 300,566,408	Total Source So	1000		OTHER		3,325,077		\$ 3,325,077				
Book Investment Account Name Amount Source 2001 Beginning Balance Investment \$ 38,303,767,000 File. AlT 2002 ARMIS account TPIS xis 2001 Ending Balance Investment \$ 39,137,857,000 \$ 39,137,857,000 Average Balance \$ 39,137,859,000 average (Cell D 131, D 132) Ad Valorem Tax Factor \$ 0,0077 (Cell F 126 / Cell D 133)	Book Investment Account Name Amount Source 2001 Beginning Balance Investment \$ 38,333.787.000 File. AlT 2002 ARMIS account TPIS xis 2001 Ending Balance Investment \$ 39,17,951.000 Average Balance \$ 39,137.859.000 Average Balance \$ 39,137.859.000 Ad Valorem Tax Factor 0.0077 Cell F 126 / Cell D 133	100				\$ 307,930,696		\$ 300,566,408				
Account Account Name Amount Source 2001 Beginning Balance Investment \$ 38.303.767,000 File AIT 2002 ARMIS account TPIS xis 2001 Ending Balance Investment \$ 39.171,951,000 average (Cell D 131: D 132) Average Balance \$ 39.137,859,000 average(Cell D 131: D 132) Ad Valorem Tax Factor 0.0077 Cell F 126 / Cell D 133	Account Account Name Amount Source 2001 Beginning Balance Investment \$ 38,303.767,000 File AIT 2002 ARMIS account TPIS xis. 2001 Ending Balance Investment \$ 39,171,957,000 average (Cell D 131: D 132.) Ad Valorem Tax Factor 0.0077 Cell F 126 / Cell D 133	Te. Tester	Book inve	stment								1
2001 Beginning Balance Investment \$ 38,303.767,000 File. AIT 2002 ARMIS account TPIS xis 2001 Ending Balance Investment \$ 39,137,856,000 average(Cell D 131: D 132) Ad Valorem Tax Factor 0.0077 Cell F 126 / Cell D 133	2001 Beginning Balance Investment \$ 38.303.767,000 File. AIT 2002 ARMIS account TPIS xts 2001 Ending Balance Investment \$ 39.137,851,000 Average Balance \$ 39.137,859,000 average(Cell D 131.D 132.) Ad Valorem Tax Factor 0.0077 Cell F 126 / Cell D 133.	10	Account	Account Name		Amount	Source		Destination:			_
2001 Ending Balance Investment \$ 39,971,951,000 Average Balance \$ 39,137,859,000 average(Cell D 131: D 132) Ad Valorem Tax Factor 0.0077 Cell F 126 / Cell D 133	2001 Ending Balance Investment \$ 39,971,951,000 Average Balance \$ 39,137,859,000 average(Cell D 131: D 132) Ad Valorem Tax Factor 0.0077 Cell F 126 / Cell D 133	-		Beginning Balance Investment		\$ 38,303,767,000	File: AIT 2002 ARMI:	S account TPIS xts	Cell D 133			T
Average Balance \$ 39,137,859,000 [average] Cell D 131: D 132.] Ad Valorem Tax Factor 0.0077 [Cell F 126 / Cell D 133.]	Average Balance \$ 39,137,859,000 [average(Cell D 131 ; D 132) Ad Valorem Tax Factor 0.0077 [Cell F 126 / Cell D 133]	CV	. 1	Ending Balance Investment		\$ 39,971,951,000						
Ad Valorem Tax Factor 0.0077 Cell F 126 / Cell D 133	Ad Valorem Tax Factor 0.0077 Cell F 126 / Cell D 133	(2)		Average Balance		\$ 39,137,859,000	average(Cell D 131	D 132)	Cell D 135			
Ad Valorem Tax Factor	Ad Valorem Tax Factor 0.0077 Cell F 126 / Cell D 133	47		7								1 1
		io I		Ad Valorem Tax Factor		2,000	Cell F 126 / Cell D 13	9	Cell L 33 to Cell	1.66		

P Hodding	Support Asset Factor - Result			Bind	Binder Tab :	-
Capital Cost -	Capital Cost - All excluding TBO & Small Value Items		Expenses			
	Source:	Tab Inputs SAF, Col. L		Source:	Tab Input	Tab Inputs SAF, Col. G
	Destination:	Col. D row 26 to 37		Destination:	Col. D	Col. D row 26 to 37
Account	Description	Capital Cost	Account	Description		Net Expense
2111.admin Land Admin	Land Admin	\$ 3,652,245				
2111 support	11. Support Land Network Support	\$ 1,168,614	100000			
2112.admin	112.admin Motor Vehicles - Admin	\$ 5,283,395	6112.admin	Motor Vehicles - Administrative	S	3,240,662
2112.plant	Motor Vehicles - Plant Specific	\$ 47,497,770	6112.plant	Motor Vehicles - Plant Specific	s	29,133,583
2114.1	Tools & Other Work Equipment	\$ 58,617,729	6114	Tools and Other Work Equipment	S	4,486,331
2121.1	Buildings - Administration	\$ 234,307,028	6121.admin	Land & Bidg Total - Administration	S	59,329,795
2121.3	Buildings - Network Support	\$ 74,971,540	6121.support	Land & Bidg Total - Network Support	S	31,900,902
2122.1	Fumiture	\$ 2,127,299	6122	Furniture & Artwork	S	2,106,422
2122.2	Artwork	\$ 93,505				
2123.1	Office Equipment - Office Support	\$ 4,748,287	6123	Office Equipment	S	99,058,796
2123.2	Office Equipment - Communications	\$ 1,370,082				
2124.PC	GPC-All Excluding MF/MR & Small Value Items	\$ 2,569,798	6124.PC	GPC - All Excluding MF/MR	S	64,566,819
2690.PC	Capitalized Software - PC part	8				
			6563	Amortization - Tangible	S	4,489,297
	TOTAL subject to Support Asset Factor	\$ 436,407,291			S	\$ 298,312,607

	Emp	Employee Group	Plant Employees	Operators	Service Rep	Marketing & Corporate	Total Supporting Base	SA Factor Per Supported Salary Dollar
		Acct	62xx-65xx	66218 6622	6,623	661x & 67xx	See Note 1	= Col. D / Col.
Support Asset	/ ⁸	Cost?	1,261,629,969	1,261,629,969 \$ 101,767,534 \$ 352,923,845 \$ 47,463,062	352,923,845	\$ 47,463,062		
Land Admin	s	3,652,245	-		·		\$ 1,763,784,411	\$ 0.0021
Land Network Support	s	1,168,614		0	0	0	\$ 1,261,629,969	\$ 0.0009
Building Admin	s	293,636,823	-		-		\$ 1,763,784,411	\$ 0.1665
Building Network Support	s	106,872,442	-	0	0	0	\$ 1,261,629,969	\$ 0.0847
Motor Vehicles Admin	5	8,524,056	-	0	0	-	\$ 1,309,093,031	\$ 0.0065
Motor Vehicles Plant	s	76,631,353	-	0	0	0	\$ 1,261,629,969	\$ 0.0607
Tools and Work Equipment	s	63,104,060		0	0	0	\$ 1,261,629,969	\$ 0.0500
Furniture and Artwork	s	4,327,226	-	-	-	-	\$ 1,763,784,411	\$ 0.0025
Office Equipment	s	105,177,165	-		-	-	\$ 1,763,784,411	\$ 0.0596
GPC - PC and other plant direct	s	67,136,617		0	-		\$ 1,662,016,876	\$ 0.0404
Capitalized Software - PC part	s	0	-	0	-		\$ 1,662,016,876	\$ 0.0000
Depreciation - Tangible	s	4,489,297	1	,	+	1	\$ 1,763,784,411	\$ 0.0025
Support Asset Factor	Factor (see note 2	21	0.4765	0.2332	0.2736	0.2801		

SBC Communications, Inc. Capital Cost Model - CAPCS	SBC Communications, Inc. SBASEd or 2002 Data Standard	Inputs for Capital Cost Factors Inputs for Capital Cost Factors Virilage Placement Year: EOV Demand Units: Cost of Capital: Composite Tax Rate: Debt Ratio: Annual Interest Rate: Description Total Land Total Motor Vehicles Total Motor Vehicles Total Motor Vehicles Total Motor Vehicles Total Land Total Motor Vehicles T						-
Inputs for Capital Cost Factors Study Type: Standard S	Passed or 2002 Data Study Type: Standard Study Expenses Study Expe	Based or 2002 ISSUe Date: 10/20/2003 ISSUe Date: 10/20/2003 Create 5 state CAP(Inputs for Capital Cost Factors	ions, Inc.					
Inputs for Capital Cost Factors 2002 Coat of Capital Cost Pactors 2002 Composite Tax Rate 2002 Composite Tax Rate 2002 Composite Tax Rate 2002 Composite Tax Rate 2004 Compo	Inputs for Capital Cost Factors Study Type: Standard Standard Competition Standard	ISSUE Date: 10/20/2003	Data					
Inputs for Capital Cost Factors	Inputs for Capital Cost Factors 10002 2002 2002 2002 2003 2004	Inputs for Capital Cost Factors 2002 10000 2002 2002 2002 2002 2002 2002 2003	Study Type: Stand	dard				
Inputs for Capital Cost Factors 10000 State Illinois Indiana Michigan Ohio Wisconsin 10000 Cost of Capital 7.53%	InputS for Capital Cost Factors 2002 State Illinois Inclains Michigan Ohio Wisconain 10000 Cost of Capital 7.53%	Inputs for Capital Cost Factors 2002	S.					
Forting Physician Placement Vehicles Forting Physician Physician Placement Vehicles Forting Physician Physicia	Figure F	Vinitage Placement Year 2002 Coor of Capital 7.53% 7.53% Composite Tax Rate: 7.53% 40.14% Composite Tax Rate: 32.24% 41.15% Annual Interest Rate: 32.24% 41.15% Annual Interest Rate: 41.15% 41.15% Total Land Total Motor Vehicles 12.0 51. Buildings - Administrative 44.0 51. Buildings - Network Support 44.0 51. Furmiture Full Communication 7.0 51. Chical Equipment - Office Support 7.0 51. Chical Equipment - Office Communication 7.0 Chical Equipment - Of						
10000 Cost of Capital 7.53% 7.	Cost of Capital Farters Cost of Capital Farters 7.53% <td> Composite target Total Land </td> <td></td> <td></td> <td>Michigan</td> <td>Ohio</td> <td>Wisconsin</td> <td>TA.</td>	Composite target Total Land			Michigan	Ohio	Wisconsin	TA.
Control Land Cotal Motor Vehicles Cotal Motor Vehicles Cotal Motor Vehicles Cotal Motor Vehicles Cotal Land Cotal Land Cotal Land Cotal Land Cotal Land Cotal Motor Vehicles Cotal Motor Vehicles Cotal Motor Vehicles Cotal Land Cotal Lan	Control of Capital Composite Tax Rate: 7.53%			7.53%	7.53%	7.53%	7.53%	
Composite Law Faste: Annual Interest Rate: Annual	Description of Arms Description Average Retrement Plant Asset Service Life (Years) Annual Interest Rate A.15%	Description Average Autor			35.81%	35.00%	40.14%	37.62%
Annual Interest Rate 4.15% Total Land Description Average Retirement Plant Asset Service Life (Years) Net Future Total Land 1 ND 1 Cost of Removal Total Motor Vehicles 12.0 SL 12.0 SL Total Motor Vehicles 12.0 SL 12.0 SL 14.0% Buildings - Marinistrative 44.0 SL 44.0 SL 6.0% 8.0% Buildings - Network Support 23.0 SL 44.0 SL 6.0% 8.0% Buildings - Network Support 23.0 SL 44.0 SL 6.0% 8.0% Office Equipment - Office Communication 7.0 SL 7.0 5.1 7.0 5.1 6.0% 8.0% 6.0% <td>Annual Interest Rate 4.15% Annual Interest Rate 4.15% Total Land Life Method Total Motor Vehicles 1.0 Total Motor Vehicles 1.2.0 SL SL Buildings - Marinistrative 4.4.0 Buildings - Network Support 2.1.0 Eurillings - Network Support 2.1.0 Furniture 3.1.0 Office Equipment - Office Communication 7.0 Total Support 7.0 Office Equipment - Office Communication 7.0 Intragelle Assets 5.1 Cost of Capital, Debt Ratio and Annual Interest Rate from William E. Avera Testimony, ACF Binder Tab 3E. 6 Cost of Capital, Debt Ratio and Annual Interest Rate from William E. Avera Testimony, ACF Binder Tab 3E. 6</td> <td> Annual Interest Rate: 4.15% </td> <td>1</td> <td></td> <td>32.84%</td> <td>32.84%</td> <td>32.84%</td> <td>32.84%</td>	Annual Interest Rate 4.15% Annual Interest Rate 4.15% Total Land Life Method Total Motor Vehicles 1.0 Total Motor Vehicles 1.2.0 SL SL Buildings - Marinistrative 4.4.0 Buildings - Network Support 2.1.0 Eurillings - Network Support 2.1.0 Furniture 3.1.0 Office Equipment - Office Communication 7.0 Total Support 7.0 Office Equipment - Office Communication 7.0 Intragelle Assets 5.1 Cost of Capital, Debt Ratio and Annual Interest Rate from William E. Avera Testimony, ACF Binder Tab 3E. 6 Cost of Capital, Debt Ratio and Annual Interest Rate from William E. Avera Testimony, ACF Binder Tab 3E. 6	Annual Interest Rate: 4.15%	1		32.84%	32.84%	32.84%	32.84%
Description	Total Land Total Motor Vehicles SL SL 12.0 SL 44 8.0% SL 44	Total Land Total Land Total Motor Vehicles Buildings - Administrative Buildings - Network Support Furniture Office Equipment - Office Support Office Equipment - Office Support Office Equipment - Office Communication 7.0 General Purpose Computers 6				*22.4	2017	4.13%
Total Land Inferroral Total Land Cost of Removal Total Land 1 ND 1 14.0% Total Motor Vehicles 8.5 SL 12 0.0% Tools and Other Work Equipment 12.0 SL 4.4 8.0% Buildings - Administrative 4.4 SL 4.4 8.0% Buildings - Network Support 5.1 4.4 8.0% 8.0% Furniture Furniture 5.0 5.0 8.0% 8.0% Funding - Network Support 5.1 5.1 7.0 5.0 6.0% Office Equipment - Office Support 7.0 5.1 7.0 5.1 7.0 General Purpose Computers 6 5.1 7 6.0% 6.0% Intransfelle Assets 6 5.1 6.0% 6.0% 6.0%	Total Land Total Land Total Motor Vehicles Total Motor Vehicles Total Motor Vehicles Total Motor Vehicles SL SL 12.0 SL 14.0%	Total Land Total Motor Vehicles Buildings - Mahamat Support Furniture Office Equipment - Office Support Office Equipment - Office Support Office Equipment - Office Communication 7.0 Intangible Assets 6	Plant Asset Service	Life (Years)		Not Future		Tox
Total Land 1 ND 1 14.0% Total Land Total Motor Vehicles SL 12 9 14.0% Total Motor Vehicles 12.0 SL 12 0.0% Tools and Other Work Equipment 44.0 SL 44 8.0% Buildings - Network Support 51 44 8.0% Buildings - Network Support 51 52 6.0% Furniture 50% 50% 6.0% Office Equipment - Office Support 7.0 51 7.0 5.0% Office Equipment - Office Communication 7.0 5.1 7.0 5.1 6.0% Intransfer Assets 6 5.1 6.0% 6.0% 6.0%	Total Land 1 ND 1 L4.0% Total Motor Vehicles 8.5 SL 9 14.0% Total Motor Vehicles 12.0 SL 9 14.0% Tools and Other Work Equipment 44.0 SL 44 8.0% Buildings - Network Support 44.0 SL 44 8.0% Buildings - Network Support 51 51 44 8.0% Furniture 60% SL 7.0 5.1 0.0% Office Equipment - Office Support 7.0 SL 7.0 5.1 7.0 Connected Purpose Computers 6 SL 7 5.0% 0.0% Cost of Capital, Debt Ratio and Annual Intenst Rate from William E. Avera Testimony, ACE Binder Tab 3E. 6 5.0 0.0% Cost of Capital, Debt Ratio and Annual Intenst Rate from William E. Avera Testimony, ACE Binder Tab 3E. 6 6 0.0%	Total Land Total Motor Vehicles Total Motor Vehicles Tools and Other Work Equipment Buildings - Antwork Buildings - Network Support Buildings - Network Support Crimitine Office Equipment - Office Support Office Equipment - Office Communication To General Purpose Computers 6 Intangible Assets				Cost of Removal		Life
Total Motor Vehicles 14,0% 14,0% 14,0% 14,0% 14,0% 14,0% 12,0 12,0 14,0% 12,0	Total Motor Vehicles 14.0% 14.0% 14.0% 14.0% 14.0% 14.0% 14.0% 14.0% 14.0% 12.0 12.	Total Motor Vehicles Total Motor Vehicles Tools and Other Work Equipment Buildings - Antwork Support Buildings - Network Support Furniture Office Equipment - Office Support Office Equipment - Office Support Office Equipment - Office Communication To General Purpose Computers Intangible Assets						
Tools and Other Work Equipment 12.0 St. 12 0.0%	Tools and Other Work Equipment 12.0 St. 12 0.0% Buildings - Administrative 44.0 St. 44 8.0% Buildings - Network Support 51. 44 8.0% Buildings - Network Support 51. 44 8.0% Furniture 50. 51. 50. 6.0% Office Equipment - Office Support 7.0 St. 7 5.0% Office Equipment - Office Communication 7.0 St. 7 6.0% Connected Purpose Computers 6 St. 7 6.0% Cost of Capital, Dect Ratio and Annual Intenst Rate from William E. Avera Testimony, ACF Binder Tab 3E. 6 6 6 Cost of Capital, Dect Ratio and Annual Intenst Rate from William E. Avera Testimony, ACF Binder Tab 3E. 6 6 6	Tools and Other Work Equipment 12.0 Buildings - Administrative 44.0 Buildings - Network Support 44.0 Buildings - Network Support 64.0 Furniture Office Equipment - Office Support 71.0 Office Equipment - Office Communication 7.0 General Purpose Computiers 6	o			14,0%		45
Buildings - Administrative 44.0 St. 44.1 8.0% Buildings - Network Support 44.0 St. 44.1 8.0% Buildings - Network Support 44.1 8.0% 8.0% Furniture Coffice Equipment - Office Support 50. 51. 44.1 8.0% Office Equipment - Office Communication 7.0 St. 7.0 51. 7.0 6.0% Intransition Assets 6 St. 7.0 50.% 6.0%	Buildings - Administrative 440 St. 44 8.0% Buildings - Network 440 St. 44 8.0% Buildings - Network Support 440 St. 44 8.0% Click Equipment - Office Support 50 St. 70 St. 70 Office Equipment - Office Computers 70 St. 7 7 6.0% General Purpose Computers 6 St. 7 6.0% Intamplie Assets 6 St. 6 6.0% Cost of Capital Assets 6 St. 6 6.0% Consocial Tax Bain from Eller Tax 2002 Incomed Tax 2002 Inc	Buildings - Administrative Buildings - Network Buildings - Network Support Furniture Office Equipment - Office Support Office Equipment - Office Communication 7.0 General Purpose Computers Intangible Assets	12			20.0%		w
Buildings - Network 44.0 St. 44.0 8.0% Buildings - Network Support 23.0 44.0 8.0% Furmiture Office Equipment - Office Equipment - Office Communication 7.0 St. 7.0 General Purpose Computers 7.0 St. 7.0 0.0% Intransition Assets 6 St. 7 6.0%	Buildings - Network Support 44.0 St 44.0 8.0% Buildings - Network Support 23.0 44.0 8.0% 8.0% Furmiture Office Support 10.0 St 10.0 50.% 0.0% Office Equipment - Office Communication 7.0 St 7 7 0.0% Office Equipment - Office Communication 7.0 St 7 0.0% 0.0% Intangible Assets 6 St 7 6.0% 0.0% Cost of Capital State and Annual Interest Rate from William E. Avera Testimony, ACE Binder Tab 3E 6 0.0% 0.0%	Buildings - Network 64.0 Buildings - Network Support 64.0 Furniture Office Support 7.0 Office Equipment - Office Support 7.0 General Purpose Computers 7.0 Intangible Assets 6	2			8.0%		39
Eurillings - Network Support 44.0 St. 23.0 6.0%	Buildings - Network Support	Buildings - Network Support 44.0 Furniture Office Support Office Support 10.0 Office Equipment - Office Support 7.0 General Purpose Computers 7.0 Intangible Assets 6	3			8.0%		38
Furniture Coffice Support 10.0 St. 2.3 Office Equipment - Office Communication 7.0 St. 7.0	Furniture Coffice Equipment - Office Support 11.0 St. 2.3 5.0%	Furniture Office Equipment - Office Support Office Equipment - Office Communication To General Purpose Computers Intangible Assets 6	3			8.0%		38
Office Equipment - Office Support 10.0 SL 10 Office Equipment - Office Communication 7.0 SL 7 General Assets 7.0 SL 7 Intangible Assets 6 SL 6	Office Equipment - Office Support 10.0 St. 10 00% Office Equipment - Office Communication 7.0 St. 7 0.0% Centered Europe Computers 7 5.1 7 6.0% Intangible Assets 6 St. 6 5.0% Cost of Cast Assets of Cast State from William E. Avera Testimony, ACF Binder Tab 3.E. 6 0.0%	Office Equipment - Office Support Office Equipment - Office Communication 7.0 General Purpose Computers 7.0 Intangible Assets 6	23			5.0%		7
Office Equipment - Office Communication 7.0 St. 7.0 St	Office Equipment - Office Communication 7.0 St. 7 0.0% General Purpose Computers 7.0 St. 7 0.0% Intangible Assets Intangible Assets Cost of Capital Eath and Annual Interest Rate from William E. Avera Testimony, ACF Binder Tab 3E. Cost of Capital Eath and Annual Interest Rate from William E. Avera Testimony, ACF Binder Tab 3E. Controvers Tab Rate from File: TX 2002 Income Tab Binder Tab 3E.	Office Equipment - Office Communication 7.0 General Purpose Computers 7.0 Intangible Assets 6	10			%00		2
General Purpose Computers 7.0 St. 7 6 Intangble Assets 6 St. 6	General Purpose Computers 7.0 St. 7 6.0% Intangible Assets Controlled St. 7 6.0% Controlled Tab State from William E. Avera Testimony, ACF Binder Tab 3E Controlled Tab Rain File TY 2002 Proceedings of A Published Publi	General Purpose Computers 7.0 Intangible Assets 6	4			%00		10
Intangbie Assets 6	Intangible Assets Cost of Capital, Debt Ratio and Annual Interest Rate from William E. Avera Testimony, ACF Binder Tab 3E Connocette Tay Rate from File: TX 2002 Income Tay Botton tay 3E Boundar Tay Botton tay 3E Boundar Tay 15 Doubled to 12 Doubled to	Intangible Assets	7			8.0%		5
	13		9			%00		m

SBC Communications Capital Cost System PC Version 1.0 Results

2002 ΑI

Cost of Capital : Composite Tax Rate: Debt Ratio: Annual interest Rate:

Account	Account Name	Book Depreciation	Cost of Money	Income Tax Expense	Total Capital Costs
2111	Total Land	%0.0	7.2%	4 0%	11.2%
2112	Total Motor Vehicles	10.8%	3.4%	1.9%	16 1%
2114	Tools and Other Work Equipment	8.3%	3.1%	1.7%	13.1%
21211	Buildings - Administrative	2.1%	5.1%	2.8%	10.0%
2121.2	Buildings - Network	2.1%	5.1%	2.8%	10.0%
21213	Buildings - Network Support	2.1%	5.1%	2.8%	10.0%
2122	Fumiture	6.3%	3.4%	1.8%	11.6%
2123.1	Office Equipment - Office Support	10.0%	3.1%	1.7%	14.8%
2123 2	Office Equipment - Office Communication	14.3%	3.2%	1.8%	19.3%
2124	General Purpose Computers	15.7%	3.4%	1.9%	21.0%
2690	Intangible Assets	33.3%	3.2%	1.8%	38 3%

AIT	Straigh	Average		
Wisconsin	7.53%	40.14%	32.84%	4.15%
Ohio	7.53%	35.00%	32.84%	4.15%
Michigan	7.53%	35.81%	32.84%	4.15%
Indiana	7.53%	37.93%	32.84%	4.15%
Illinois	7.53%	39.75%	32.84%	4.15%

4.15% 4.15% 4.15%	Otal Capital Total Capital Total Capital Costs Costs Costs	10,40%	16.06%	98% 12.96% 13.09% 13.03%	10.00%	9.51% 10.00%	9.51% 10.00%	11.38% 11.55%	14.64% 14.79%	19.04% 19.26%	20.71% 20.96%	
4.15% 4.	Total Capital Total	+		13.03% 12						_		-
4.15%	Total Capital Costs	11,11%	16.05%	13.08%	%96.6	%96.6	%96.6	11.54%	14.78%	19.24%	20.94%	
	Account	2111	2112	2114	21211	21212	2121.3	2122	2123.1	2123.2	2124	2000

STATE OF MICHIGAN

BEFORE THE

PUBLIC UTILITY COMMISSION OF OHIO

In the matter of the Review of SBC Ohio's)	
TELRIC Costs for Unbundled Network)	Case No. 02-1280-TP-UNC
Elements)	
)	

TESTIMONY OF
MICHAEL STARKEY

EXHIBIT ___ (MS-12)

Inflation and Productivity Analysis

This Exhibit is Considered Confidential Pursuant to the Protective Order in Case No. 02-1280-TP-UNC – Filed Under Seal. It is Available Only in the Confidential Version of this Filing

y		П			actor													1			_												
		BASE YAR 2002 FILED 87 SEC OHO FLED 87 SEC OHO FLED 87 SEC OHO FLED 87 SEC OHO F15 SEC	1 0214	1,0036	1.0275	1.0166	1 0307	1 0220	0.9870				x	H . G/D	2000	OCCUPATION OF	1,0878	0 854	0.88571	0.87/8	0.9018	9778.0	0.9135	7976.0	0.810	0.8870							
			o	G + F/E	CPI inflation Factor	10690	1,0896	1 0896	1 0696	1 0696	1.0596	1.0896	1 0896	1 0696	1 0696	1,0000			The second second	8	JOINT CLEC INFLATION /		1 200	0 3611	1 200	198.0	100	1180	1100.0	1196.0	196.0	10000	0.3611
5				CPI lesue Date 2/28/2003	CPI Mid Point Year 2005	188 1400	188.1400	168.1400	188.1400	188 1400	188 1400	188 1400	188 1400	188 1400	188 1400	188 1400					CPI issue Date 2/28/2003	THE PROPERTY AND LONG	42	VIII.	× 2	K I	C .	× i		414		622	Cit
	STATE OHIO OPERATING EXPERSE INFLATION PLANNING PERIOD 2004 to 2007 BASE YEAR 2002 IID-POINT PLANNING PERIOD 2005	Y SBC OHIO		CPI Issue Date 2/28/2003	CPI Base Year 2002	175 9000	175.9000	175,9000	175,9000	175 9000	175 9000	175 9000	175 9000	175 9000	175 9000	175 9000	W Actuals cobarned from		AS ADJUSTED BY JOINT CLECS		CP1 (saue Date 2/28/2003	****	2	4	× 2	e i		ž	2	***	100	K 40 Z	× 2
	STATE OPERATING EXP PLANNING PERC BASE YE MID-POINT PLANN	AS FILED 8"	٥	D.C.B	TPI Inflation Factor	1108	0.8836	0.9966	1 1084	1,0472	1,0658	1.0415	1 0521	1.0377	1.0465	1 DROB	om Obtained 28-FEB-t3		AS ADJUSTED B	a	D = C/B	****	9011	0.8836	O SHEET	1004	2000	1 0000	0140	1 0041	1000	10800	200
			o	TP/ issued 7/18/2003	TPI Mid-Point Year 2005	421,9600	19,8800	37.6200	509.8700	110 4800	360.4900	89.3100	315 1100	85.6100	296 5700	449 1600	191 Actuals and Forecasts Variation obtained from www.economy.co			U	TPI Issued 7/18/2003	40 - 62	BK 1.74	200	37.00	20,000	110.48	200.43	17.00	20 00	2000	440 16	94.0.10
,			m	TPI lesued 7/18/2003	TPI Base year 2002	360,0000	22 5000	37 7500	460 0000	105 5000	338,2500	65 7500	288 5000	62 5000	286.2500	414 5000	Factors and Labor Nation Council Pf Adults and forecasts Values assumed 7787,000 China Adults obtained from several to gover CPL-W Forecasts obtained from several companies of the CPL-W Forecasts obtained from several control of the CPL-W Forecasts obtained CPL-FEB-CD China Company scrapt Under Written Agreement.			83	TPI issued 7/18/2003	7007	8	22.5	37.73	100	0 1	200	00,00	2002		5776	0.414
000			4	Antiba at	Account Number	2123	2212	1 22.22	2411	2421 1	24212	2422 1	2422.2	2423 1	2423.2	2441	outside SBC and/or			*		Account Number	1717	27-22	2577	2411	1 1282	2421.2	7750	1472	1576	2441	2441
4					-un	- 1	2	,	*	47					10	:								*								2 :	

	E=1+(C-D)	JOINT CLEC COMBINED INFLATION / PRODUCTIVITY FACTOR (value > 1 - net inflation; value < 1 - net productivity)		ldd							V 0.9611	
	C=1+A		Forecasted	Avg Change in PPI	Diego.	D=1+B					1.0979	
			141.5	1,62%	2002-2005			090	239 90	472%	9.787% B	
			139.3	1.62%	440	200		TREMOED	\$ 251.78	472%		
		n Inflation	137.1	254%					\$ 264 24	0.64%	TO FORECAST EXPENSE PER LINE IN 2004 AND 2005: (1 - Average Productivity Change) * Prior Year Exp. Per Line)	
DATA		Changes In	133.7	-0.67%		Salt.			\$ 225 66 \$ 265 93	14 07% -17 85%	ge) - Prior	
JOINT CLEC RECOMMENDED INFLATION AND PRODUCTIVITY FACTORS USING BUREAU OF LABOR STATISTICS DATA AND SBC FINANCIAL DATA BASE YEAR 2002 MID-POINT PLANNING PERIOD 2005		heet "BLS	134 6	0.82%		The same	NES		\$ 225 66		livity Chang	
RODUCTIN ND SBC FIR		see works	133.5	4.05%			SBC INFLATION-ADJUSTED EXPENSES / TOTAL ACCESS LINES		\$ 262 60	6.43%	ge Product	
MMENDED INFLATION AND PRODUC LABOR STATISTICS DATA AND SB LASE YEAR 2002 MID-POINT PLANNING PERIOD 2005	CTOR	ber 1984)	128.3	1.66%		ACTOR	S / TOTAL		\$ 340 67 \$ 280 66	17.62%	(1 - Avera	
JOINT CLEC RECOMMENDED INFLATION AND PRODUCTIVITY FACTORS ISING BUREAU OF LABOR STATISTICS DATA AND SBC FINANCIAL DATA BASE YEAR 2002 MID-POINT PLANNING PERIOD 2005	ATION FA	Date Decent	1262	1 02%	un xanu	UCTIVITY	EXPENSE			8.7%	AND 2005	
OMMEND OF LABOR MID-POIN	NDED INF	G# Base	127.5	031%		DED PROD	DJUSTED	ACTUAL	1997	-0 13%	NE IN 2004	
CLEC REC	RECOMME	PDUOME	127.1	2.33%	2007	COMMEN	FLATION-		\$ 379.38 \$ 360.18 \$ 360.65	8.90%	SE PER U	
USING	JOINT CLEC RECOMMENDED INFLATION FACTOR	(Series ID	1242	2 90%	nagon ind	JOINT CLEC RECOMMENDED PRODUCTIVITY FACTOR	SBC IN	1		3.30% 16.41%	UST EXPEN	
	9	Industries	120.7	134%	-	JOIN			35 \$ 453 88		O FORECA	
		ufacturing	1983	1459				1	5 459	3 10%	03 USED T	
		Total Mar	1174	% 1.29%	2000			1	31 \$ 484 38	2 40%	R 1991 - 20	
			114.5 115.9	447% 1 22%		10.00		ı,	NA \$ 496 31	N/A N/A	HANGE FO	
		Labor Sta		nge 4	5		L		- Z		CTIVITY C	
		Bureaud	1989	W.Annual Change 447% 122% 129% 145% 134% 290% 233% 031% 162% 16 Chalchert are a triol bare at the female and a female change making industrial and a female change in						% PRODUCTIVITY INCREASE (DECREASE)	AVERAGE PRODUCTIVITY CHANGE FOR 1991 - 2003 USED	
CNE S	0 10		110	13 12	,	18 18	20	21	23 5		25 7 A	30 30 30 30 30 30 30 30 30 30 30 30 30 3

	TO CHECKE	tomoti	Table L.1 Income Statement Accounts							
	i. income si	naman a	Accounts			×	IN THOUSANDS			
Report Number	Company One Bet	Row	Row Title	71991 Total (b)	Y1992 Total (b)	Y1993 Total (b)	71994 Total (b)	71995 Total (b)	Y1996 Total (b)	Total (b)
	TOTAL OPERATING EXPENSES (in dollars) Bureau of Labor Statistics PPI - Total Manuf	AG EXPENS	TOTAL OPERATING EXPENSES (in dollars) Bureau of Labor Statistics PPI - Total Manufacturing	1.428.039.000	1,444,902,000	1,461,286,000	1.662.610,000	1,530,797,000	1.539.229.000	1.590.113.000
	1984) INFLATION ADJUS	STWENT TO	INDIANDER (Senes ID: POUCHITOR; Base Date December 1984) 1984) EVELTION ADJUSTMENT TO BRING NOMINAL EXPENSES TO AND INDIANGED TO MAKE DESIGN DELIMINATION DELIMIN	115.9	4.211	1611	120.7	124.2	127.1	127.5
	(PPI for that year)	NO MEAL D	חובארט חסושים בער ולמחום	1.183	1.168	1.151	1.136	1.104	1.079	1,075
	OPERATING EXPENSES IN 2003 DOLLARS	ENSES IN 2		\$ 1,689,250,620 \$	\$ 1,687,360,002 \$	\$ 1,682,135,270 \$	\$ 1,911,233,065 \$	\$ 1,689,792,824 \$	\$ 1,660,332,777 \$	\$ 1,709,839,155
	SPECIAL (1991 - 2	1993 from A	SPECIAL (1991 - 2003 from ARMIS 43-08, Table III SWITCHED (1991 - 1998 from ARMIS 43-08, Table III-1999 -	129,539	142,949	143,949	862,908	777,380	807,948	809,240
	2003 from Form 477)	TOTAL AC	TOTAL ACCESS LINES	3,274,086	3,339,611	3,440,039	3,526,950	3,676,722	3,801,803	3,931,718
				ş	PRODUCTI	VITY MEASURE	PRODUCTIVITY MEASURE TO COMPARE WITH PPI INFLATION 1802 1804 1804 1804 1804	WITH PP! INF	NOT NO	ACTUAL 1997
				N	1				1	
FLATIO	INFLATION-ADJUSTED EXPENSES / ADJUSTED LINES	ENSESTA		1 1887	464.38	68.35	453.88	373.38	360.18	360.65
8	OMPOUNDED PRO	оиститу	COMPOUNDED PRODUCTIVITY CHANGE 2002 - 2005		2.40%	3.10%	130%	The state of	\$ 88.Y	40.13%
				PRODUCTIVITY MEASURE TO COMPARE WITH BLS PRODUCTIVITY CHANGE FOR TELECOMMUNICATIONS INDUSTRY	EASURE TO COM	PARE WITH BLS	PRODUCTIVITY CH	AANGE FOR TELE	COMMUNICATION	NS INDUSTRY
										ACTUAL
				1991	1992	1981	1994	1995	1996	1991
DTAL AL	SUUSTED LINES /	INFLATION	31 TOTAL ADJUSTED LINES / INFLATION-ADJUSTED EXPENSES	0.002015	0.002065	0.002131	0.002203	0.002636	0.002776	0.002773
8	MINOUNDED PRO	DUCTIVITY	COMPOUNDED PRODUCTIVITY CHANGE 2002 - 2005		246%	320%	3 ms	19.65	Yars	A13%
			Burresu of Labor Statistics: Industry Labor Productivity And Related Data Tables-NAICS, Output per Hour, Annual Rates of Change, 1987 Forward (Industry Code 5171 - Wined Talecommunications Carriers)	Industry Labor Pro	dustry Code 5171	ated Data Tables -	Productivity And Related Data Tables-NAICS, Output per Ho (Industry Code 5171 - Wired Telecommunications Carriers)	Hour, Annual Rad	tes of Change, 19	87 Forward
			1960	1981	1962	TOE1	ANNUAL PERCENT CHANGE IN OUTPUT PER HOUR (1990 - 2001)	INGE IN OUTPUT	PER HOUR (1990 -	1001
* PR	% PRODUCTIVITY INCREASE	EASE	1.50%	6.70%	8.20%	6.40%	\$.10%	\$ 50%	7.80%	2.60%

Table 1, income Statement Accounts 1998	0000											
1989 1989	Table 1-1	Income St.	atement	S USOA Report Accounts								
1586 565 1581 1582 158							IN THOU	SANDS				
1569 5550 1541 463 1569 1570 366 1764 174 1764					¥1998	¥1999	Y2000	Y2001	Y2002	Y2003		
1,569,655,000 1,541,450 1,520,366,000 1,706,174 1,742,259 1,742,25	Report	Сомрану	Row	Row Title	Total (B)	Total (b)	Total	Total (b)	Total	Total		
126.2 128.3 123.5 123.5 124.6 124.1 123.5 123.	4303 OR	no Beil	720	Total Operating Expenses	1,589,855	1,541,463	1,649,817	1,520,386	1,706,174	1,743,239		
1,086 1,086 1,089 1,027 1,019 1,025 1,000	D B	DTAL OPERATION Sures of Labor Sustries (Series	MG EXPENS Statistics PP ID: PDUON	ES (in dollars) Pi - Total Manufacturing MFG# : Base Date December	1,589,855,000	1,541,463,000	1,649,817,000	1,520,386,000	1,706,174,000	1,743,239,000		
1,086 1,086 1,087 1,086,447 1,146,624,106 1,174,626,120 1,174,626,120 1,174,626,120 1,174,626,120 1,174,626,120 1,174,626,120 1,174,626,120 1,174,626,120 1,174,626,120 1,174,626	\$ Z Q	FLATION ADJU	STMENT TO) BRING NOMINAL OLLARS USING PPI (2003 PPI	126.2	128.3	133.5	134.6	133.7	137.1		
1,056,016 1,709,430 2,274,013 2,569,667 2,474,983 2,553,624 1,056,016 1,709,430 2,274,013 2,569,667 2,474,983 2,583,624 1,056,016 1,709,430 2,274,013 2,569,665 2,474,983 2,569,085 2,477,983 2,47	41	PPI for that year	,		1.086	1.069	1.027	1.019	1.025	1.000		
1,056,016 1,706,830 2,274,013 2,569,667 2,474,093 2,561,624 2,069,959 5,669,085 6,451,966 6,462,733 6,475,056 6,597,225 3,069,959 5,669,085 6,451,966 6,462,733 6,475,056 6,597,225 4,013,943 4,159,235 4,177,953 4,293,066 4,033,605 4,013,943 4,293,085 6,451,966 6,452,733 6,577,056 6,475 4,013,943 1999 2000 2001 2002 2003 2004 2003 5,547 17,62% 6,43% 14,07% 14,07% 17,65% 6,64% 4,72% 5,547 17,62% 6,43% 14,07% 14,07% 14,07% 17,65% 6,64% 4,72% 5,547 17,62% 6,43% 14,07% 14,07% 14,07% 14,07% 14,07% 14,07% 14,07% 14,07% 14,07% 14,07% 14,07% 14,07% 1,004 1,004 1,004 1,00% 1	ō	PERATING EXP	ENSES IN 2	DOLLARS	1,727,172,112	1,647,190,782	1,694,306,447	1,548,624,967 \$	1,749,562,120 \$	1,743,239,000		
4,19,235	15 IS	PECIAL (1991 - 1	A mon toon A . 1998 from	RMIS 43-08, Table III ARMIS 43-08, Table III: 1999 -	1,056,016	1,709,830	2,274,013	2,569,667	2,474,093	2,563,624		
1998 1999 2000 2001 2002 2003 2004 2004 2004 2005	2	103 from Form 4	TOTAL ACC	CESS LINES	5,069,959	4,159,255	6,451,966	4,293,066	4,104,963	4,033,605		
1968 1969 2000 2001 2002 2003 2004	M-2003 becm its ARM	S 43-08 reports.	See SBC res	one UNE loops and UNE-P lines ponse to AT&T Data Request								
1988 1999 2000 2001 2002 2003 2004				111		B4	RODUCTIVITY N	MEASURE TO CO	OMPARE WITH	PPI INFLATIO	7	
\$ 340,67 \$ 280,66 \$ 282.00 \$ 223.46 \$ 265.93 \$ 244.24 \$ 231.78 \$. 1	800	1980	2000	2001	2002	2002	Forecasted Assuming His Average Growth Ru	istorical ate
S.54% 17.62%	ACTA D	O WISTED EYE	CASSES ! AND		1-3					N	80	
17.67%									-		١	-
PRODUCTIVITY MEASURE TO COMPARE WITH BLS PRODUCTIVITY CHANGE FOR TELECOMMUNICATIONS INDUSTRY					3.54%	17.62%	6.03%	14.07%	N28.71-	2.00	4778	423
1998 1999 2000 2001 2002 2001 2004 Rate Growth Rate Concested Assuming Historical Average Growth Rate 1999 2000 2001 2004 24374 16.37% 16.37% 15.37% 15.37% 15.37% 24.40% 24.50% 2.40% 2	3	POUNDED PRO	The state of the s	CHANGE 2002 - 2003	PRODU	TIVITY WEASUR	E TO COMPARE V	WITH BLS PRODUC	TWITY CHANGE	FOR TELECOMM	WICATIONS INDUSTRY	XI.
1996 1999 2000 2001 2002 2003 2004 2004 2004 2004 2004 2004				11							Forecasted Assuming Hi	Istorical
5.87% 21.38% 6.87% 16.37% -15.14% 0.64% 5.83%					1998	1999	2000	2001	2002	2003		900
Puresu of Labor Statistica 1894 1897 16.37% 15.14% 0.54% 5.83% 1894 1999 2000 2001 2002 2003 2004	TAL ADJ	STED LINES /	INFLATION	ADJUSTED EXPENSES	0.002935	0.003563	0.003808	0.004432	0.003760	0.003784		0.004238
Bureau of Labor Statistics Forecasted Assuming Historical Average Growth P 1990 1990 2001 2001 2002 2001 2003 2001 2004 150% 5.50% 5.50% 5.50% 5.50%	00	POUNDED PRO	POUCTIVITY	CHANGE 2002 - 2005	X18.2	21.38%	503	16.37%	A1216.	7	Xas	5.83% 12.71%
150% 6.90% 7.20% 6.70% 1.60% 5.50% 5.50% 5.50%				Bureau of Labor Statistics					Forecasted	Assembly Histo	rical Average Growth Rath	
250% NDC	-	COM PARTIES		1990	1998	1999	2000	2001	2002	2002		500
	N PROF	OCTIVITY INCH	EASE	1.50%	6.90.9	1707	6.70%	1.60%	5.50%	5.20%	+	20%

Data Run Date 26/19/2004

FCC Report 43-08, the ARMIS Operating Data Report Table III. Access Lines in Service by Customer

				Y2003	Y2002	Y2001	Y2000	Y1989	Y1998	¥1997	¥1996	Y1995		Y1993		Y1991
_				Special Special	Special	Special	Special									
_				Access Lines	Access Unes	•	Access Lines	•	Access Lines							
_				-Non-	-uow)	-uou)	-uou)	-uoN)		-Non-	-Non-					
-bout			Row	Switched):	Switched	Switched):	Switched):	Switched):		Switched	Switched):					
ember COS	A Company	Row	Titie	Analog (f)	Analog (f))	Analog (f))	Analog (¶)	Analog (f))	Analog (f)	Analog (f)	Analog (fj)	Analog (fj)	Analog (f))	Analog (f))	Analog (f)	Analog (f)
4308 OBOH	Ohio Beil	460	Otho	8.034	6.915	29,521	32,194	34,490		62,284	151,625					

		Y2003	Y2002	12901	Y2000	Y1999	Y1998	Y1997	71996	Y1995	Y1994	Y1993		Y1991
		Special	Special	Special	Special	Special	Special	Special	Special	Special	Special	Special	Special	Special
		Access Lines	Access Lines	Access Lines	Access Lines	Access Lines	Access Lines	Access Lines	Access Lines	Access Unes	Access Lines	Access Lines		Access Lines
		-uoN)	(Non-	-uou)	(Non-	-wow)	(Non-	-uow)	(Nom-	-uou)	-uoN)	-uou)		
	Row	Switched):	Switched):	Switched)	Switched):	Switched):	Switched)	Switched):	Switched):	Switched)	Switched):	Switched):	Switched):	
My Row	Tittle	Digital (fk)	Digital (fl.)	Digital (fk)	Digital (fk.)	Digital (fk)	Digital (fk)	Digital (fk)	Digital (fk)	Digital (R.)	Digital (%)	Digital (fk.)	Digital (fk)	
460	500	2,555,590	2 467 178	2.540 14K	2 241 815	1 875 340	993 444	746 976	656 323	738 107	644 635	458 367	121 143	

FCC Report 43-08, the ARMIS Operating Data Report Table III. Access Lines in Service by Customer

			Y1998	Y1997	¥1996	Y1995	Y1994	Y1993	Y1992	Y1991
			Total	Total	Total	Total	Total	Total	Total	Total
			Switched	Switched	Switched	Switched	Switched	Switched	Switched	Switched
Compan		Row	Access Lines A	Access Lines	Access Lines	Access Lines	Access Lines	ă	Access Lines	Access Lines
*	Row	Title	(f)	(H)	(¥)	(fi)	(fi)	(u)	(fi)	(fi)
Ohio Bell	460	Ohio	4,013,943	3,931,718	3,801,803	3,676,722	3,526,950	3,440,039	3,339,611	3.274.086

Lines and channels that are provided under other resale Lines and channels that are provided under a Total

		Tota	Total lines and channels provided to end users	anels provide	d to end user			Service Resale arrangement	e arrangement			arrangements, such as resold centres	nts, such as re	sold centres	
			% used for residential & % provided % provided	% provided	% provided	COLO		% used for residential &	Pepivord %	% m fLEC COLO		% used for residential &	% perovided	S provided	S, m ILEC COLO
Holding Company	State	Total	users	facilities	loops	centers.	Total	Weers .	facilities		Total	users	facilities	loops	Centers
SBC Communications, Inc.	Ohio	3,320,078	74%	1001	140	86%	977.91	73%	1004		0	8	8	16	20

Note. A blank entry in a column headed "Trial" indicates that the files left the relevant cell of the spreadsheet blank. An entry of zero in a column headed "si used for residential & small business users" may merely indicate that the files bills unaffil WH indicates data withheld because filer asserts it is privileged and confidential SOURCE FCC Wireline Competition Bureau's Industry Analysis and Technology Division, Statistical Reports, Local Telephone Competition and Broadband Deployment, Form 477s http://www.fcc.gov/wcb/and/comp.html

Selected Form 477 Data as of June 30, 2003

4,033,605 TOTAL % used for % in ILEC residential & COLO small business switching Lines and channels that are provided under a UNE toop arrangement, where switching is also provided 218 centers users 100% Total 569,193 Lines and channels that are provided under a UNE loop Lis arrangement, where switching is not provided % used for % in ILEC residential & COLO small business switching centers 3 \$ 99 Total 124,555 State SBC Communications, Inc. Holding Company

Note. A blank entry in a column headed "Total" indicates that the file left the relevant fell of the spreadbase blank. An entry of zero in a column headed "% used for residential & small busness users" may merely indicate that the files bills usuffil W.H indicates data withheld because filer asserts it is previleged and confidential SOURCE FCC Wireline Competition Bureau's Industry An http://www.fcc.gov/wcb/atd/comp.html

PUCO Case No. 02-1282-TP-UNC Testimony of Michael Starkey Exhibit MS-12 Page 8 of 18

Exhibit MS-12 (Inflation & Productivity) (Form 477 - June 2003)

		Teh	intal lines and channels provided to end users	nnels provide	d to end user		Lines and	Lines and channels that are provided under a Total Line Service Resale arrangement	e arrangement	nder a Total	Lise	Lines and channels that are provided under other resale arrangements, such as resold centres	that are providents, such as re	ded under othe	result
			% used for residential & % provided % provided	% provided	% provided	on ILEC		% used for residential & % pr	% provided	% in ILEC COLO		% used for residential &	% provided	papasoud %	% in ILEC COLO
			small business	OVET OWN	over UNE	rwitching		small business	OVER O'MTS	switching	-	small business		over UNE	switching.
Holding Company	State	Total	users	facilities	loops	centers	Total	. usen	facilities	centers	Total	users		sdooj	centers
SBC Communications, Inc.	Ohio	3,548,307	3,548,307 75%	100%	É	862	26,003	30%	100%	216					

Note. A blank entry in a column headed "Total" indicates that the filer left the relevant cell of the spreadsheer blank. An entry of zero in a column headed "s, used for readential & small beatness users" may meetly indicate that the filer hills unaffliated between unaffliated arriers for the reported lines (or wireless channels) and considers all such carriers to be large beatnesses. For purposes of FCC Form 477, "residential & small beanness in intended to indicate a separate end user contoner billing address to which fewer than four voter-grade equivalent local telephone lines are in service.

SOURCE FCC Wheline Competition Bureau's Industry Analysis and Technology Division, Statistical Reports, Local Telephone Competition and Broadband Deployment, Form 477s http://www.fcc.gov/wcb/statidicomp.html

Selected Form 477 Data as of June 30, 2003

TOTAL 4,104,963 % used for % in ILEC residential & COLO small business switching Lines and channels that are provided under a UNE loop arrangement, where switching is also provided \$25 1005 users Total 999,639 Lines and channels that are provided under a UNE loop Lis arrangement, where switching is not provided % used for % in ILEC residential & COLO small business switching switching *606 65% Total 131,014 State Ohio SBC Communications, Inc. Holding Company

Note. A blank entry in a column headed "Total" indicates that the filer left the relevant cell of the spreadsheet blank. An entry of zero in a column headed "s, used for residential & small heaviness users" may merely indicate that the filer bills unaffiliated relecommunications carriers for the reported lines for wireless channels) and considers all such carriers to be large businesses. For purposes of FCC Form 471, "residential & small businesses in intended to indicate a separate end user customer billing address to which fewer than four voice-grade equivalent local relephone lines are in service.

SOURCE FCC Wireline Competition Bureau's Industry An http://www.fcc.gov/wcb/atd/comp.html

PUCO Case No. 02-1282-TP-UNC
Testimony of Michael Starkey
Exhibit MS-12
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Lines and channels that are provided under a Total Lines and channels that are provided under other resale

		Teta	il lines and cha.	nnets provide	d to end user			Service Resal	Service Resale arrangement			arrangements, such as resold centres	ats, such as re	sold centres	
			% used for % in the residential & % provided % provided COLO small benness over own over UNE switchin	% provided % provided	% provided	% in ILEC COLO		% used for residential & small business	% provided	COLO COLO		* used for residential &	% provided	% provided	% in ILEC COLO
Holding Company	State	Total	users	facilities	loops	centers			facilities		Total	users	facilities	loops	centers
SBC Communications, Inc.	Ohio	4,066,949	2695	100%	É	\$698	55,932		10001		0	Š	6	160	8

SOURCE: FCC Wireline Competition Bureau's Industry Analysis and Technology Division, Statistical Reports, Local Telephone Competition and Broadband Deployment, Form 477s http://www.fcc.gov/wcb/atd/comp.html

Lines and channels that are

	TOTAL	4,293,066
e pravided gement, provided	% in ILEC COLO switching centen	4356
under a UNE loop arrangement where switching is also provide	% used for residential & grall business users.	1004
under a U	Total	49,048
E loop itching is	S in ILEC COLO Invitching centers	100%
angement, where twitching i	% used for residential & small business users	5,59
provid	Total	121,137
	State	Othio
	Holding Company	SBC Communications, Inc.

SOURCE FCC Wireline Competition Bureau's Industry An http://www.fcc.gov/wcb/atd/comp.html

		Tet	Total lines and channets provided to end users	anets provide	d to end user		Lines and	Lines and channels that are provided under a Total Service Resale arrangement	e arrangemen	nder a Total	-	Lines and channels that are provided under other resale arrangements, such as resold centres	that are providents, such as re	led under oth	r result
			% used for			% in ILEC		% used for		% in ILEC		% used for			% in ILEC
			residential &	% provided	% provided	0700		residential &	% provided	COLO		residential &	% provided	% provided	COLO
			small busness	DVET OWN	OVET UNE	switching		small business.	OVER OWN	swriching		small business	DVET OWT	OVET UNE	switching
Holding Company	State	Total	users	facilities	loops	centers		nsers .	facilities	centers	Total	mers.	facilities	sdool	centers
SBC Communications, Inc.	Office	3,992,496	80%	100%	É	7.16	100,347	72%	100%	\$1.6	13,866	10%	100%	960	1,0001

SOURCE. FCC Wireline Competition Bureau's Industry Analysis and Technology Division, Statistical Reports, Local Telephone Competition and Broadband Deployment, Form 477s http://www.fcc.gov/wcb/satd/comp.html

	TOTAL	4,177,953
gement, provided	COLO Switching centers	5.0
and channels that are provided der a UNE loop arrangement ere switching is also provided	% used for % residential & mail business users	8
under a U	Total	0
E loop itching is	% in ILEC COLO switching centers	
provided under a UNE loop Lines and channels that are provided rrangement, where switching is under a UNE loop arrangement, not provided where switching is also provided	* used for * in ILEC residential & COLO small business switching users centers	5/19
provid	Total	85,110
	State	Ohio
	Holding Company	SBC Communications, Inc.

Lines and channels that are

SOURCE. FCC Wireline Competition Bureau's Industry An http://www.fcc.gov/wcb/atd/comp.html

		Tet	Total lines and channels provided to end users	nach provide	d to end user		Lines and	Lines and channels that are provided under a Total Service Resale arrangement	e arrangement	nder a Total		Lines and channels that are provided under other resale arrangements, such as resold centres	that are providents, such as re	ded under other	r resale
Holding Company	State	Total	*s used for residential & *s provided *s provided small business over own over UNE users facilities loops	% provided over own facilities	% provided over UNE loops	% in ILEC COLO swaching centers	Total	% used for residential & small business users *	% provided over own facilities	% in ILEC COLO switching centers	Total	% used for residential & % programmal business ove Total users fac	% provided % provided over own aver UNE facilities loops	% provided aver UNE loops	% in ILEC COLO switching centers
SBC Communications, Inc.	Obje	4,020,462	1,020,462 79%	100%	É	207 20%	91,785		1001		25,972	100	100%	70	

SOURCE: FCC Wireline Competition Bureau's Industry Analysis and Technology Division, Statistical Reports, Local Telephone Competition and Broadband Deployment, Form 477s http://www.fcc.gov/wcb/iadd/comp.html

Selected Form 477 Data as of June 30, 2003

	TOTAL	4,159,255
e provided spement, provided	% in ILEC COLO switching centers	É
Jues and channels that are provided under a UNE loop arrangement, where switching is also provided	% used for residential & small husmess users	É
Lines and ch under a U	Total	0
hat are VE loop vitching is	% in ILEC COLO switching centers	3400
Lines and channels that are provided under a LINE loop strangement, where switching is not provided	N used for N residential & (small business pw	487
provid	Total	47,008
	State	Ohio
	Holding Company	SBC Communications, Inc.

SOURCE. FCC Wireline Competition Bureau's Industry An http://www.fcc.gov/wcb/ladd/comp.html

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Testimony of Michael Starkey
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Series Id: Industry: Product: Base Date:	as Id: stry: act:	PCUOMFG#							
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Produ	ict:	Total m	manufacturing industries	ring in	dustries				
Ваве		Total m	manufacturing industries	ring in	dustries				
	Date:	8412							
9	Year	S. Carrier	Annual						
	1989	2000	109.6						
	1990	200	114.5						
6	1991		115.9						
10	1992	200	117.4						
11	1993	100	119.1						
12	1994		120.7						
13	1995		124.2						
14	1996		127.1						
15	1997		127.5						
16	1998		126.2						
17	1999		128.3						
18	2000		133.5						
19	2001	1000	134.6						
	2002		133.7						
21	2003	4	137.1						

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1 U.S. Department of Labor, Bureau of Labor Statistics	tatistics				NOVEMBER 5, 2003	R 5, 2003								
2 Office of Productivity and Technology														
3 Industry Labor Productivity And Related Data Tables-NAICS	ata Tables	-NAICS												
4 Output per Hour, Annual Rates of Change, All Published Industries	All Publis	hed Indu	stries											
5 http://www.bls.gov/lpc/prdata1.htm														
6 Selected from All Industries														
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8 % Change in Output per hour						ANNUA	L RATES	ANNUAL RATES OF CHANGE (%)	3E (%)					15
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10 Industry Code Title	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1998 1999	2000	2001
Ti														
2 5171 Wired Telecommunication Carriers	6.0	60 44	1.5	6.7	8.2	6.4	5	5.5	7.6	2.6	69	7.2	6.7	

BEFORE THE

PUBLIC UTILITY COMMISSION OF OHIO

In the matter of the Review of SBC Ohio's)	
TELRIC Costs for Unbundled Network)	Case No. 02-1280-TP-UNC
Elements)	

TESTIMONY OF
MICHAEL STARKEY

EXHIBIT ___ (MS-13)

Final Transcript of SBC Communications Analyst Meeting

02-1280

FINAL TRANSCRIPT

CCBNStreetEvents



Event Transcript

SBC - SBC Communications Analyst Meeting

Event Date/Time: Nov. 13, 2003 / 1:30PM ET



streetevents@ccbn.com

617.603.7900

www.streetevents.com



SBC - SBC Communications Analyst Meeting

CORPORATE PARTICIPANTS

Mike Coffee (ph)

Managing Director of Investor Relations - SBC Communications Inc.

Edward Whitacre

Chairman and CEO - SBC Communications Inc.

Rayford Wilkins

Group President - Marketing and Sales - SBC Communications Inc.

Stan Sigmun

President and CEO - Cingular Wireless

Randall Stephenson

CFO - SBC Communications

Bill Daley

President - SBC Communications

CONFERENCE CALL PARTICIPANTS

John Atterbury III

Group President -- Operations - SBC

Unidentified Participant

PRESENTATION

Mike Coffee - Managing Director of Investor Relations - SBC Communications Inc.

Good afternoon, everyone. I'm Mike Coffey (ph), Managing Director of Investor Relations for SBC. On behalf of our management team and everybody at SBC, welcome. It's great to see such a good turnout today. I'm delighted all of you could attend.

We have a very fast-paced agenda this afternoon with presentations focused on our execution and the key opportunity areas ahead for SBC. And of course at the end, we'll have time for your questions.

Before we get started, let me cover a couple of items. First, we have support people here in the room as well as back there in the lobby. If you need assistance with anything - phones, messages, et cetera, please ask and we'll be happy to help you out.

Second, let me cover our Safe Harbor statement. Information set forth in this presentation contains financial estimates and other forward-looking statements that are subject to risks and uncertainties. A discussion of factors that may affect future results are available with the Securities and Exchange Commission in SBC's filings. SBC disclaims any obligation to update and revise

statements included in this presentation based on new information or otherwise.

At this point, it's my pleasure and my honor to turn the podium over to SBC's Chairman and Chief Executive Officer, Ed Whitacre, Ed?

Edward Whitacre - Chairman and CEO - SBC Communications Inc.

Thanks, M i k e (ph), and good afternoon, everyone and thanks for coming today. We really appreciate it, and we appreciate your interest in our company.

I think most of you got an umbrella from SBC. My advice is don't open it because it's probably going to collapse, right? That's a subdued and late laugh.

We do have a lot of good information to cover today with you and we do have two hours to do it in, so let's get right to business. For the first time in a long time, the light at the end of the tunnel is looking to SBC more like daylight than an oncoming train. That's the best analogy we could see is an oncoming train. We obviously have some challenges, but we do have a lot of pieces of our business coming together. We're executing well and we have substantial opportunities ahead of us including opportunities on the cost side. The executives with us today will tell that story, and they will tell it in a convincing manner. It is a good story.

Ray Wilkins, who heads up Marketing and Sales, is going to cover our revenue initiatives and the consumer and business markets including the progress we're making in the enterprise space. Ray, stand up and let everybody see who you are. John Atterbury heads up our Wireline Operations - he's going to update you on cost and service initiatives. And Stan Sigman who heads up Cingular Wireless is going to cover the outstanding progress we've made in wireless this year, and he's going to give you a look at Cingular's game plan going forward.

We also have our other top management folks here today, and I'd like to introduce them and let them briefly stand so you can visit with them if you have an opportunity. The President of SBC, Bill Daley; our Chief Financial Officer, Randall Stephenson; Jim Ellis, our General Counsel; John Stankey, our Chief Information Officer who heads up our IT Operations; Karen Jennings, who's in charge of Corporate Communications and Human Resources; Forrest Miller, who runs Corporate Planning; and Mike Viola (ph), the Treasurer of SBC. All

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of us will be available if you want to talk at the end of the meeting.

I think it's important to consider that tunnel I just mentioned. The last two or three years have been the most challenging years in our company's history. As you certainly know, competition has increased dramatically, and that's put a lot of pressure on our margins. Our long-distance arm was tied behind our back, and that certainly hurt our ability to compete. We have some regulatory policies that have really rocked the industry because of lack of clarity or slowness or just plain old irrational. The soft economy has hurt demand across the board for SBC. And we've had to deal with increased pension and medical cost, and they put a lot of pressure on earnings.

Well, if that was the tunnel, I said there's some daylight ahead. And here's the daylight we see. We just launched long distance in our last five states, and that covers nearly 20 million access lines. It's a key element – long distance is – in improving our access line trends as the results in our other states show. Completing our long distance approvals also opens the doors for us to expand in the enterprise space and we're making good progress on that front, and there's more to come on that front. Cingular Wireless just turned in its best net add quarter in more than two years, and they are ahead on conversions of the network. We're also on track with our DISH alliance. It should give our customer bundle another big boost, and we're going to be ready to launch in the first quarter of 2004.

So with that information as a backdrop, I'd like to make just a few basic points. First, SBC does have a clear and focused strategy, and that strategy is working. We've built a market strategy based on bundling, and it is generating positive results. We've aggressively ramped up growth in long distance and DSL, and those are key components in the bundle. We've made a commitment to do more in terms of wireline/wireless integration. And we're determined to develop a truly integrated video component at SBC for our customers. To drive growth in bundles and strengthen our competitive position long-term, we said we needed to be more aggressive on pricing. At the same time, we took steps to move Cingular to a strong, sustainable growth track.

What you've seen in our results is that we've made good progress in every one of these areas every quarter this year. We lead the growth - we lead the group in growth of long distance. More than five million lines added in the first three quarters this year. We lead the group in DSL growth. In our long distance states, our access line results have improved dramatically with three straight quarters of significant improvement. Bundled penetration

with our key products has doubled this year. Whatever measure you want to look at - growth, momentum, network, spectrum, competitive profile, Cingular is in a much stronger position than it was at the beginning of this year. And our sequential revenue growth has improved three quarters in a row.

The second point I want to make is that SBC's execution level is very high, and we certainly intend to keep it there. In DSL, we have now delivered seven straight quarters of accelerated growth. Every long distance quarter we've delivered this year has been the best of any RBOC. At Cingular, we've delivered three straight quarters with substantial improvement in high-quality net adds. And where we have long distance, we've moved the needle on access lines three quarters in a row.

Third, I want to emphasize that we have substantial areas of opportunity ahead of us. At the top of that list is the Midwest long distance. We launched in Michigan, our first Midwest state, about six weeks ago. And I'm pleased to report that LD sales in Michigan are ahead of what we achieved over the same early weeks in California. Initial access line results over this period are also on track with our early results in California. We launched our last four Midwest states about three weeks ago. Initial sales are extremely positive there, as well.

So, as an early status report, initial results following our LD launches in the Midwest are encouraging. I expect to have good news when we report results in January, and I'm confident we can look forward to solid progress in the Midwest over the next several quarters.

In addition to our mass market opportunity, long distance coverage completion also opens the door for us in terms of national data and enterprise business, and we are making a lot of progress in this area. Our IP backbone and our outer-region networks are up and running. We've built a national sales organization, and they've already completed a number of major contracts. And we have a host of internal initiatives underway to add products and customer-care capabilities to support growth in this high-end market.

We also have big opportunities in broadband. We're really just getting started in this business, and we will expand our broadband footprint to about 80% coverage in the first quarter. We're on track to launch our SBC DISH video service in the first quarter, and that certainly is going to further strengthen our bundle. Cingular Wireless is ahead of schedule on their GSM conversion, and they've taken the initiative to significantly improve their spectrum position. Both moves have built a solid foundation for sustained growth.

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So I would like to stress that we have a lot of opportunity at SBC in long distance, DSL, DISH, Cingular, and in the enterprise market, and we are moving forward in all these areas.

Let me add an important point. We also have substantial opportunity on the cost side of our business, and we have a number of initiatives underway to change our cost structure while further enhancing customer service. We have a good, solid record on cost management. Last year, operating expenses in our wireline businesses were down more than \$1.2 billion. And through the first three quarters of this year, our wireline expenses are down again. And that's in the face of marketing initiatives and a huge hurdle from pension and retiree benefit accounting changes.

We have a number of cost projects underway throughout our operations that can have a major impact on SBC long-term. You can expect our focus and our execution on the cost side to be every bit as intense as it is on the revenue side.

The final point I'd like to make is that while we execute the key initiatives that will shape our future, our cash flow is solid and we're committed to returning value to our owners. We have taken cost out of the business. Our debt ratio is the best in the group. Since the last - since the start of last year - excuse me - since the start of last year, we've cut net debt or debt net of cash - excuse me - nearly in half to just over \$13 billion. And this year, we have returned more value to shareowners through dividends. We had a five-cent increase in the regular dividend. On top of that, over the past three quarters, we've declared 25 more cents in additional dividends. Our cash flow provides ample room, and next month our Board will evaluate our policy of returning value to the shareowners including the share repurchase program and the dividend.

So if you'll let me sum it up, I am more optimistic about the environment we're in than I've been in a long time, and I'm more confident in our ability to execute on behalf of our owners.

With that, let me turn it over to Ray Wilkins, our Group President for Marketing and Sales. I think you will be impressed with what he has to say. Ray?

Rayford Wilkins - Group President - Marketing and Sales - SBC Communications Inc.

Thank you, Ed. Good afternoon, everyone.

As Ed pointed out earlier, at SBC we're executing a clear and focused strategy - one that really focuses on customer relationships - keeping them, regaining them, and expanding them. Inherent in this strategy is positioning SBC for the future by placing emphasis on our growth products from broadband to IP products to long-distance data, wireless, Wi-Fi, and entertainment. And whether it's consumer or business, it's all about creating opportunities for relationships. And I'll expand on that as we go through.

To begin our strategy overview, let's take a quick look at the sequential trends of our wireline revenue streams. Our retail revenue stream is evenly distributed between consumer and business, which represents 74% of our total wireline revenues. Wholesale represents about 26% of the total.

Looking at the last 12 months, we've placed a lot of emphasis on improving our revenue streams. And when we look at the sequential revenue this year, we see significant improvement in consumer and more importantly in business. This has driven positive growth for two of the last three quarters. During the same period, our wholesale revenues have remained basically flat. This really shows that our overall strategies are beginning to drive the right type of momentum, which allows us to begin to grow revenues in the future.

I'm going to start today by reviewing our consumer strategies, and then we're going to spend more time on the business marketplace where there are huge opportunity for us and where we're going to be very successful going forward.

As you know, we've experienced a highly competitive environment over the past few years. In analyzing this environment, we found that 72% of our customers who left us were doing so for what they believed was a better offer. Therefore, we really needed to execute a strategy that gave us a better position in the marketplace. We knew we had to capture the customer's attention with compelling offers that really put us on par with the competition.

This approach really reflects a conscious decision to reduce prices today in order to retain our customers, and then build on those relationships over their in-service life by implementing a bundling strategy that positions us for the future rather than just for today. At the same time, we increased our advertising and developed expanded sales channels. All the while, we also focused on delivering superior service to our customers.

Our results are proving right on track and particularly with access lines and our growth (ph) products. And as a result, we're

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seeing steadily and steady improvement in our revenue streams. In the two regions where we've had long distance, we're seeing significant improvement as a result of our overall strategy. Access line losses have improved for three straight quarters, and from the second to the third quarter, our consumer line losses were 32% lower in the Southwest and 39% lower in the West where we've been in long distance for only nine months.

This gives us a lot of optimism as we look to the Midwest. The Midwest represented 64% of all of our wireline access line loss in the third quarter largely because we couldn't offer long distance as part of our bundle. Consistent with the reduction in retail access line losses has been a significant reduction in resale and UNEP lines in the West and Southwest. In fact, Southwest has been negative on UNEP growth for two consecutive quarters.

During the same period, our trends in the Midwest have remained basically the same; however, as I'm going to point out in just a minute, it represents a key opportunity as we really enter long distance here. But first let's take a look at how we're doing in consumer long distance.

We've added 4.1 million consumer lines in the first three quarters of 2003 compared to 900,000 in all of 2002. In fact, every quarter this year, we've delivered the best combined consumer and business long distance numbers of any RBOC, and our second quarter was the best ever by a regional Bell.

As you look at our penetration rates, we've achieved 32% in the consumer market in California in just nine months and 54% in Southwest in just over three years. We believe that that same kind of success can be repeated and even surpassed in the Midwest. Here's a look at the LD adoption rates in the five Southwest states and in California. And as you see, we do extremely well in the first few months after launch. And we're not slowing down right now on the adoption rates in any of our states.

Our trends continue to be very strong, and we're seeing very good upward momentum across the board. That's why we're being very aggressive in our Midwest launch, and I'm pleased to tell you, as Ed pointed out earlier, that in Michigan where we've been selling long distance since September 21, we're off to a faster start than California or any of our Southwest states. The future is looking really, really bright there.

Our success in long distance has also driven increased average revenue per user. In fact, in our long distance regions, we've increased ARPU by 6.2%. And the Midwest really has remained flat. As we enter long distance in the Midwest, we have a tremendous opportunity to increase ARPU and to win back the customers we've lost. Here's the opportunity we see.

If we reduce the current 22% UNEP number in the Midwest to 13% where we currently are in our other regions, we have an opportunity to generate \$550-\$650 million in incremental revenue as a result of increased access line win-back and increased ARPU. Our job now is to execute on that strategy, and as I said earlier, we're doing just that in the Midwest.

Another key position for SBC is to become the broadband leader. As you know, we've put a lot of emphasis on becoming the country's broadband leader. And while we are clearly the largest DSL provider, we believe that within our footprint, we are at parody with cable modern. Our numbers tell the story. We've had seven consecutive quarters of accelerated growth resulting in 10% penetration of locations p a s s e d (ph) overall, and California is at 13% penetration. And we're continuing to increase availability, moving to 80% of homes and businesses broadband capable by the first quarter of 2004.

But there's more to the story because broadband has multiple impacts. First, DSL is highly retentive. It lowers access line churn and increases ARPU. It positions us to compete in voice-over IP as that technology develops, and it gives us the opportunity to leverage our relationship with Yahoo! to drive increased ARPU through premium services like gaming and personal communication portals.

At the same time, our approach positions us to continue to broaden our relationships with our customers while meeting their technology needs of today and positioning ourselves for the future. Today our users typically get download speeds of about 1.5 megabits per second, which accommodates almost all of the download speeds of current applications and servers.

But we also have the ability to offer four to six megabits to about 50% of the locations p as s e d (ph) today. The bottom line is that we have the ability to meet future requirements for applications at increased speed when the need anses. So let's look at how we bring all of this together.

The key, of course, to our strategy is to bundle. And we adopted the mantra, "Nobody beats our bundles." These charts tell the story – 68% of all of our customers held some form of a bundle. At the same time, we've increased the percentage of customers who haven't bundled that include a key growth driver such as DSL or long distance from 19% in the fourth quarter of 2002 to 36% in the third quarter of this year. These bundles also

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include Cingular Wireless, and as Stan Sigman is going to point out a little bit later, it's a key differentiator, and we are now one of Cingular's largest channels. In fact, we're secondly - second only to Cingular stores.

But we're not through yet. Our next step is to add entertainment. Our plan is to integrate video in the first quarter of 2004 as we add SBC DISH. Our agreement gives us pricing flexibility, and more importantly, we'll manage the customer relationship. We'll also gain additional market advantage by enabling interactivity through a joint DSL video set-top box.

Let me quickly update you on our progress. We've set the price, our sales plans are in place, billing and ordering requirements are complete, projects with due dates over the next 60-90 days are on schedule, and we're set to launch in the first quarter of next year.

Finally, one question I always get asked about bundles is, "Does it really pay off?" Well, the answer is, "Absolutely." As you add additional products to the bundle, the impact on retention is enormous. Long distance alone reduces the rate of churn by 9%, DSL lowers the churn by 61%, and put the two together and you've cut churn by 73%.

This is the future of telecom. And we believe that we're positioned with the broadest portfolio in the marketplace, and we've planned to be a significant player in the future. Let me wrap up the consumer initiatives by reminding you that our approach really reflects a conscious decision to take some margin concession today in order to retain our customers and then build on those relationships over their in-service life.

Now let's take a look at business. The business marketplace really represents a key opportunity to SBC for a variety of reasons. First, the total opportunity here is \$140 billion of which our share is only about 10%. But our current market share has been greatly influenced by our inability to fully compete due to regulatory restrictions. Now that we are no longer constrained, our strategy is to compete aggressively in every business segment.

So let's look at how we plan to execute on this strategy. First, small business - small business is an \$11 billion opportunity, and we currently have about 32% market share. I've broken that revenue down by product, and as you can see, the biggest opportunities are in wireless and long distance. But I really believe the most significant item on this chart is our 68% market share of local voice because it really points to existing customer relationships which is a tremendous market advantage for us as we go after long distance voice and data.

Our strategy is to build on existing relationships by offering a wide variety of services and products that can easily be customized into bundles according to the customers' needs. We've tailored many of our products to small business like our new Yahoo! Business Edition Portal and Business Unlimited which provides unlimited local and LD calling for under \$60 a month. We also provide integrated access service which allows small and medium business customers to put all of their services on a converged network. And we're stimulating the market with ads really directed at small businesses to ensure they understand that we have the best offers in the marketplace.

We're also expanding our sales coverage by assigning sales reps to more than half-a-million small business customers, giving us more frequent contact and giving them a single inroad into SBC for all of their needs. And that includes face-to-face consultative sales if appropriate. The result of all of this is a 50% increase in long distance penetration rates from the first quarter of this year to the third quarter. DSL sales have climbed every single quarter and win-back rates in the small business segment have increased from 44% in the first quarter to 57% in the third quarter.

Now let's take a quick look at medium business. Again, our existing relationships give us an advantage. We have a dominant share of local voice, but the upside in long distance, wireless, and in the medium business market particularly, managed services. We're doing a lot of capture that opportunity. Our approach here is a three-pronged approach. First, compelling offers on strategically significant products, which give us a strong foothold with the customer, and then we add advanced services that give us a point of differentiation.

Finally, we are matching our portfolio with increased sales coverage. We're using comprehensive customer segmentation studies to approach each customer with recommendations specific to their industry. As for results, our growth rates in medium business far exceed the market norms in important areas like frame relay and dedicated Internet access. And our orders on managed services are up 21% from the first quarter to the third quarter of this year.

Now let's take a quick look at several key vertical markets. The key vertical markets for SBC are government, education, and medical because they are basically regional in nature. These segments have a tendency to outsource to equipment manufacturers and systems integrators for their network integration and CPE (ph) needs. However, we see this as a key growth opportunity for SBC especially as we aggressively go after managed services because of our existing local voice relationships.

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Our strategy here is to deliver customized and specialized solutions, many of which are driven by current events such as the need for improved security due to the threats on their network. One example of our recent success in the GEM space is a \$210 million six-year contract that we signed with the State of Michigan to manage all of the State's telecommunications network. And earlier this year, we were recognized by the industry analysts, Frost & Sullivan, for our innovative solutions to healthcare issues.

Now let's talk about enterprise. The fact is, when it comes to opportunity, large business is the most exciting segment to SBC. Here you see our end-of-the-year share for several key service areas compared with the total U.S. market. We have a dominant share in local voice, and that means that for years we've had a long-term relationship with many of these businesses. In fact, 244 of the Fortune 500 are headquartered in our footprint.

We have strong local relationships, and we really know how to treat the nation's top-tier companies. Our inability to offer long distance has really prevented us from serving these customers beyond their local needs. But with the regulatory relief and the capabilities that we've built in recent years, we can now grow these relationships and pursue additional enterprise business.

Now let's take a quick look at the portion of this business that we're really going after. We believe the \$34 billion opportunity on this slide is a realistic target for SBC to pursue. It represents the opportunity with only those companies that have a majority of their locations within our footprint or within the 30 cities where we are implementing our out-of-region strategy.

Now that's not to say that we won't be pursuing other opportunities. But it does say that this is really a sweet spot for SBC and reflects our capabilities and infrastructure today. Because of the many existing relationships we have with large businesses, we understand what drives their telecom spending decisions. First, they're doing more with less, so there is the profitability driver. Next, they have to be prepared for the worse, so business continuity, disaster recovery, and security are key drivers. And finally, improving communication capabilities with partners, suppliers, and customers – the relationship driver is huge.

At the same time, there are important industry trends that are driving the marketplace. One of the most significant is conversions. When you talk to CIOs of major companies today, one of the first things they mention would be IP services and their need to really converge their voice and data networks. Convergence is ideal for several reasons, primarily because it

allows enterprise businesses to put their long distance voice on a data network and reduce their overall cost. SBC is in a great position because we have every incentive to help customers make the leap. And what's more, we're once again expanding on existing relationships.

Other trends in the market include an ever-increasing need for bandwidth, new and efficient tools, and the need for quality and reliability. At the same time, resources are stretched, both human and capital resources, so these companies are looking to minimize upfront costs and are increasingly turning to comps like SBC to deliver advanced services on a management basis. The good news is, managed services really fits one of our key stresses: the experience and expertise of our people. We have the most talented and prudential team of professionals anywhere. We have 4,300 holding advance data certification. We also have industry leading partners like Cisco, IBM, EDS, and HP and we support all of this with the industry's most accomplished and respected applied research organization, SBC Labs. At the same time, we've also expanded our global accounts org from 400 to 2,000 accounts. We've added sales people and support personnel to deliver the level of service enterprise customers require, but we don't stop there. We have in place today, a powerful data and IT backbone that work to connect our in-region to our out-of-region facility. Our ATM and frame-relay backbone and our Layer-3 IT network are now operational and they are carrying customer traffic as we speak. We have a national presence.

Now let's take a look at what we're delivering over those networks. Here's a quick look at our portfolio. Keep in mind that from a service delivery standpoint, we believe that long-distance is really the easiest part. The tough part is providing powerful and reliable service at the local level, and that's been our stress for a number of years. Our transport options go from DS1 all the way to multi-service optical networks on line (ph) which can scale up to 160 gigabits/second and more. And we now provide any and all of our services on a managed basis.

Here's a short list of what we provide today. I will emphasize that we're delivering a wide range of IP service options, including the hosted IP communications services that's on demonstration outside. We have powerful, reliable webhosting solutions. We have off-site storage area networks, and we can deliver almost any service through our state-of-the-art internet data centers. Also, this portfolio stacks up well with anyone in the industry today. Our final area focus as we evolve to the best, to serve enterprise customers, is to make it easier for customers to do business with us. As you know, enterprise customers

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absolutely require things like billing flexibility, single contracts, customer service, and a single-minimum annual revenue commitment. They won't outsource a single piece of their business to a company that can't deliver all the things you see here. And SBC can deliver them all. And we deliver them today. The bottom line in enterprise is, we have what it takes and we're here to stay.

Let me wrap up with a couple of recent examples of how we're delivering national products, including voice and data services in and out of region, to customers with national needs today. These examples include major financial, industrial, and retail companies. First, we recently closed a \$350 million, 5 year contract for a nationwide frame-relay network that encompasses 4,000 sites and 11,000 routers. Another example: a \$9 million, 3 year contract, with a company headquartered out-of-region but with a significant presence in-region. It requires a 580 site frame relay network. Two more: a \$10 million, 3 year contract with a company with 6 locations in 6 states, 5 of those states though are out of our region. The contract includes a 221 sites frame-relay network plus we consolidated 100 individual agreements into a single contract. And finally, we closed a \$10 million contract which includes a 104 site frame-relay network with VS3 (ph) connectivity. In addition, we signed w/ this company a separate \$18 mil contract for voice services. As I said, we're moving aggressively up-market, and you can expect to see more successes like these in the months ahead.

I know we're about out of time, but I want to summarize by reminding you that in consumer, our strategy is the right one. It's customer value and relationships that deliver increased long-term revenue. We have momentum and it will continue.

In business, we have up-side opportunity in every business segment. And we're leveraging our existing relationships and recent regulatory freedoms to win in all segments, particularly up-market. And we intend to be a major player in every business segment for a long time to come. SBC's future is very bright, no one's momentum is stronger and in the coming quarters and years, you're going to see the momentum that we talked about today translate into growing revenue and earning.

Now I'd like to introduce John Atterbury, who will discuss our key cost initiatives and some of the great things that we're doing to better serve our customers. So John? John Atterbury III - Group President -- Operations - SBC

Thank you, Ray. Good afternoon. I'd like to spend the next few minutes talking about how SBC is delivering great service to our customers and at the same time, reducing our cost. You just heard Ray cover all the exciting initiatives we have on the ready in our sales and marketing groups. Once Ray's group sells a product, it's up to the wildeline (ph) organization to deliver them. And we take that job very seriously because exceeding our customer expectations is key to retention and growth. And we're doing very well. We have solid customer service metrics that continue to get even better.

Today, we consistently meet or exceed our due date commitments for new voice-line installations and our repair times are declining, and that's a good thing. The same holds true for our installations only data site. Our big data pipes are virtually always installed on time, and the rare cases when these lines are down, we cut our repair intervals by 30%. DSL is another area where we make really significant progress. Now, virtually all of our customers are getting their DSL installed on time, in five business days, down from ten business days in 2001. And that's especially strong when you realize that daily, order volumes have doubled over the same time period and our repair times have been cut in half.

While our internal metrics are strong, what really matters of course is what the customer thinks. The top line on this chart in blue shows the grades they give us continue to trend upward, and we plan on maintaining that momentum. Along with a cost initiative that I will talk about later, we've launched an important company wide service initiative to make our service even better. It covers everything from service rep training, to important billing enhancements to better communication on no fieldwork orders.

The really good news here is we are improving service and productivity at the same time. For example, the orange line shows the average number of successful jobs completed by our field technicians in an 8 hour shift. You can see that we have steady progress. Now that's a brief look at our service, let me just re-emphasize that we are focused on delivering excellent customer service. We've invested time, talent, and sufficient resources in taking care of our customers. That's our heritage, that's our commitment, and it continues today.

Now let's talk about cost. Since most of our costs are in the wideline (ph) business, that's where we focused most of our energies, and that's where I will focus my remarks. Year to date, cash operating expenses have totaled \$24 billion for SBC, 75%

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of those are in the wireline. As Ed mentioned, SBC has a very solid track record when it comes to driving costs out of the business. It's been a constant focus for us, ever since the Pac-Tel (ph) merger. Last year, the top line began to change quickly. The economy was weak, the competition was intensifying, and we were affected by the bankruptcies that were mounting across the industry. As a result, we focused our attention on driving out more costs of the business.

We developed basically a two part strategy. First we focused on off-setting the immediate pressure on the top line; we became very aggressive on our short term cost reduction project. We call this "the low hanging fruit." Second, we continued to attack the longer term cost structure and we focused our attention on reinventing and rebuilding our processes, our business functions and our technology platforms.

First, let's look at what we did to offset revenue pressures in the short term. Over the last year, we've taken nearly \$1 billion out of operations and support cost. We accomplished this while we were still investing in the business. For example, advertising in the wireline business has grown 77% year-over-year and we beefed up both of our market and sales forces. These efforts have focused on aggressively penetrating services, like LD and DSL. Which though they require less capital expenditure, the have lower margins than our traditional voice services. We've offset a lot of this initial expense by reducing our operations and support groups. In fact, we've reduced the wireline force by 28,000 employees over the last two years by aggressively matching force and load and productivity improvements. Going forward, forced reductions will accelerate from recent levels primarily through attrition. We've also seen reductions in bad debt; it's down 41% with a large percent of it being driven by the WorldCom bankruptcy earlier in 2002.

Finally, we've attacked the non-wage related expense and you can see some of these results on the next slide. We reduced consultant and contractor services by nearly \$250 million over the last year. We were able to save nearly another \$190 million by reducing travel, laptops, cell phones, right-to-use fees, and energy costs. We've been almost fanatical about these short-term initiatives. Even a seemingly minor change like using recycled toner cartridges and printers rather than new have saved us a lot of money. Our employees have done a super job of being resourceful and contributing in both big ways and small ways.

The short term efforts are important, but obviously, we need to dig a lot deeper. We must have a cost structure that yields far more operating efficiency. So across the entire wireline organization, we're standardizing technology to simplify operations. We're consolidating centers; we're eliminating regional barriers and migrating to standards OS platforms across the nation. We're also developing new functionalities and enhancing tolls to become more productive and efficient. We're automating and mechanizing processes to optimize workflows and we're shedding costs to IVR (ph) and to the web.

We're working on literally hundreds of projects, and the next few minutes, I want to cover a handful of them with you. First, our call centers. We told you we were pursuing call center efficiency and now that it's starting to really kick in. Our call centers are a big opportunity for us for two reasons. First, their sheer size present real scale opportunities. Second, call centers represent a key customer touch point. In fact, our centers handle more than 200 million customer calls annually, and that's both inbound and outbound. So fine-tuning our processes can deliver big service quality and cost benefits.

Here's what we're dong. We're moving to state-of-the-art systems company-wide. For example, we're developing a fully integrated desktop that will improve our customer rest efficiency by giving them every piece of customer information they need in one database. We're also standardizing technologies and processes in turn, reducing training time and support costs and will improve by automating functions. For example, we begin to incorporate cutting edge speech recognition technology. This will help direct calls to the rep who can best handle the customer. Finally we will consolidate. Right now, we have 200 centers spread across the country, they vary greatly in size and there's a lot of duplication. So we will be eliminating nearly 1/3 of these locations. And this will reduce the amount of new technology we have to invest. The payoff of these efforts is significant. It will shed millions of calls, make customers happy, improve efficiency and also generate additional revenue. The first state primarily involves our consumer calls centers but some of our business and credit and collections.

In addition to the sales calls centers, we're also focused on our network service operation centers. Our network service operations consolidation project is our biggest single project. Right now, we have about 500 network centers, down from 600 about 18 months ago. And these are the centers that dispatch our installation and repair techs as well as handle the design, construction, and surveillance of our network. We have these centers across our 13 states, they vary in size from 10 people to hundreds of people, and currently, they are not uniform. That's what we're changing. Our goal is to make all of our centers consistent, to look and operated the same way regardless of location. At the same time, we want to get rid of overlap and redundancies. One critical part of this involves transitioning

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over to a single suite of operational support systems. Ultimately, we'll be able to substantially reduce the number of centers even more than we have today.

So let's look at a few examples of center consolidation. First our customer service bureaus. These are the centers that handle our consumer and small and medium business repair and maintenance calls. These centers are still organized regionally, with each region using their own legacy systems hand processes. The regional approach has worked well in the past, but now it makes sense to migrate to a national platform. So we're establishing nationwide network customer service bureaus. This will allow us to standardize operations, reduce the number of customer service sites, save millions of dollars and improve customer service. We've already reduced the number of sites by 40% since 2002 and we'll connect the nine remaining centers by implementing one common trouble entry system and implementing a standards customer interface. This will give us the capability to share workloads across time zones and geographies in instances where we need to manage peak time calls and weather-related volumes. And we'll have the redundancy we need in the event a center becomes inoperable due to a disaster or even a power failure. The national service bureau will be in place next year. By the way, we are approaching this project real carefully. Our goal was to avoid building new buildings while minimizing severance costs and we are accomplishing that

Now, let's look at our electronic switching administration centers (or ESACs). These facilities are responsible for the highest level of technical support within our regions. They perform emergency recovery and outage restoration, handle the testing and analysis when there's been a critical service interruption and they ensure the integrity of the network software. Until now, each of our regions has managed by using their own technical expertise to maintain every regional system. So here, we're also moving to a national platform. We're eliminating the overlapping regional expertise and we will share the knowledge across the enterprise. We are also reducing our reliance on vendors and transferring this knowledge in house. By managing this nationally, using our own employees, we can tap into the very best technical expertise across the enterprise. We expect this to both improve reliability and reduce costs. I've given you three examples of what we're doing in our centers. Now let's take a look at some of the things we're doing with our new efficiency tools and technologies.

Our outside plan engineering team needs ready access to thousands of pole maps (ph), cable records, cable and pair information, distribution area maps and conduit records. As you might guess, this is a very time-consuming process with a high risk of error.

So we're converting all out outside plant records from paper to PC. When designing circuits, for example, engineers used to have to calculate cable footage and determine resistance loss for each segment of the cable. Now, they simply enter the cable and pair information and the system provides the data.

Also, manually updating cable records used to take three to four hours. Now, it takes three to four minutes because one simple entry ripples through the system updating all our records. This system provides efficiencies and reduces errors and that improves service by shortening intervals and saves us money.

We're also employing new software and technology that will leverage our existing GPS technology so we can better manage our field technician dispatches. Our current dispatch system assigns technicians as they become available to the next priority job in a large service area but it looks at a service area. It doesn't, for example, look at which technician is closest to the job based on the current location, travel route and traffic patterns and it doesn't take into account the skill sets of that employee.

This new system creates the most efficient dispatches possible by analyzing all these factors. This will enable us to refer the highest priority work to the closest technician who is best qualified. This will reduce travel time, particularly in large cities like L.A., San Francisco, Chicago and Dallas and boost productivity because it makes sure that we're using the best talent we have to handle those jobs. Annually, this equates to 30 million miles and 750,000 hours saved. Our first office application is in the southwest region. This month and we'll implement this system fully in all our enterprise next year.

The next project I want to show you involves enhancing the tools we use to manage our 3200 central offices across the country. This management dashboard you see provides a single source for our managers to obtain key information regarding workload, force, alarms and a lot of other data.

It is a quantum leap, trust me, from what we had before. A manager can now look at this chart and see the workload for a specific workgroup or an individual whether it's a DS3 circuit that needs to be installed, provide basic dial-tone provision on a DSL order or perform routine central office maintenance and the other good thing is all levels of management have access to this data which improves accountability.

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It's also presented in a user-friendly web format. And before a central office technician repairs, tests or installs a piece of equipment, he can pull up a detailed – he or she can pull up detailed instructions on what they need to exactly do. So whether it's performing maintenance on a SS7 unit or installing a card in a . This may seem pretty basic to you but we believe this is going to be a major timesaver.

It will help manage our force a lot more efficiently. It will allow us to increase our spans of controls within our central offices and our network operations centers and it will improve job accuracy and improve quality of service.

All these projects are about driving efficiency every way we can. It's about saving money and making it easier for customers to do business with us. It's about driving world-class excellence across our enterprise.

Internally we talk about this in terms of best in class. The idea is to recognize each wireline group that achieves the best metric in any given area then we hold that metric up as the new standard that all the other work groups have got to meet. Once they rise to that level, they we raise the bar. So we have continuous improvement across the enterprise.

Even a modest improvement in these metrics leads to tremendous expense savings. For example, a 3% improvement in our POTS productivity can save us \$40 million annually and 1 guarantee you we're planning to drive it up a lot more than 3%.

All this helps the programs that I previously talked about. We see \$550 million in cost savings opportunity through our best in class approach. Collectively, these longer term productivity improvements will save us more than \$1.3 billion in annual capital and expense by 2006. I want to emphasize that these numbers reflect our productivity savings only, not any additional savings we'd realize by matching force to load if load continues to drop.

Of course, we have our sights set on even more savings in the years to come. And that's because cost control for us is not a one-shot deal but it's a continuous process from here on out. We have made good progress so far but it's not nearly enough and we know that and there's going to be more to come. All of the new growth opportunities Ray described require limited cap ex but they will drive up expense. So we have to do everything we can to drive down those costs to help preserve our margins and compete in this marketplace. It's especially important for our DSL and LD products.

So that's a brief look at what we're doing to manage expense at SPC. We've done a lot so far but in many ways, we're just getting started. I've just hit a few of the highlights today but, trust me, the scope of this is broad and deep. It's no exaggeration to say that we're essentially reinventing our company around the new reality of our industry.

We're throwing out old assumptions, old paradigms and old ways of doing business. We're asking ourselves, what kind of cost structure are we going to need to compete in the years ahead. We know we don't have that cost structure yet but we're well on our way and we are going to get there and the exciting part is, is that the pay off is huge.

Thank you very much. Now, I would like to introduce our good friend Stan Sigmun who'll update you on Cingular.

Stan Sigmun - President and CEO - Cingular Wireless

Thank you, John and good afternoon to all of you, again.

I'm pleased to be here to speak about Cingular, about its operations and about its opportunities. I hope most of you know by now, I'm encouraged by the traction we're getting with operations and I'm very optimistic about the opportunities in front of us.

We have the assets, the scale, the financial strength plus the advantage of our bloodline back to SBC and Bell South, all of this is an opportunity that many companies don't enjoy. We have made progress in most aspects of our business over the last year. We turned Cingular into a good business. We're still not right. I know that; but I guarantee you that we will execute relentless until we get there and we will.

At Cingular, we're focusing on four key objectives. First, maximizing long-term growth and profit. We are delivering in the market today while positioning Cingular for the future. Second, our GSM conversion. This bring new opportunities, efficiencies and benefits so we're moving quickly and we're moving well.

Third, our integration with wireline. We can't overstate the importance of integration of Cingular, SBC and Bell South. This is an opportunity we will pursue aggressively and fourth, another opportunity. Yes, wireless number portability. I'm sure you want to know our expectations around this, our plans and wonder whether we can sustain our growth going forward with this issue in front of us.

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Well, let's briefly review what has been accomplished before we talk about where Cingular's going. When I arrived at Cingular about a year ago now, I saw more promise than performance. My priority has been to get the company growing again, quickly and profitably.

The first step we took was to put leadership focus back in the local markets. To let those that were closest to the customers and the customers' issues make the customer impacting decisions. We put sales, marketing and P&L responsibility and accountability back in the local markets and the results were pretty impressive and immediate.

Our second focus was improve our marketing message. We needed something our customers could get their arms around, that goes to our "Cingular fits you best". A tag line that matches our intense focus on the needs of each customer.

The third change was to capitalize on our relationship with SBC and Bell South. Initially, there was no brand association with trust, stability and service quality that's inherent with the wireline brand. Cingular added this tie in to its advertising and as you've seen in our numbers, it is making a difference.

Gross adds have grown for the fourth consecutive quarter and reached nearly 2.7 million last quarter, our best quarter ever. Up 21% from the second quarter. Looking at gross adds share over the last four quarters, Cingular's results are clearly from solid market performance not just riding industry growth.

Our 21% flow share of gross adds during the quarter represents three quarters of continued improvements. Moving Cingular from a distant fifth to a solid second place in less than a year. We have reestablished Cingular in the marketplace. We have solid momentum and we are moving towards best in class.

Our winning in the marketplace is partly driven by our extensive retail distribution, 86,000 strong. These channels are performing well but another channel, the wireline channel, gives us a long-term competitive advantage. A key – a big key to our recent subscriber growth has been the wireline distribution channel mostly from SBC.

The massive wireline sales channel are second only to Cingular's own direct channels and their ability to sell and the acquisition cost associated to this channel are among the very best. Third quarter gross sales by this channel, the wireline, totaled 295,000 or 14% of total Cingular sales and most of these sales were bundled with wireline services on a single bill.

Our regained focus shows in the numbers. The 745,000 net adds for the third quarter was the highest since the first quarter of '01 and 92% of our net adds were contract services, post-paid; that's 687,000 contract customers, a Cingular best.

We've done all of this despite the fact that we were deeply involved in a GSM overlay. Revenues of \$4 billion in the quarter were up 4.4% sequentially but as you saw and know, our margins were under pressure and customer churn is too high. The current margins and churn rates are unacceptable. We know that.

We know what is causing this and we know what we need to do. It won't be fixed overnight, but it will be fixed. Customers basically their service subscribers based on network performance, customer service or price. Cingular is working aggressively to reduce the churn and improve the margins. We're committed to break out of the pack and close the gap on the best in class for growth, churn and margins.

To move these metrics, we have to improve the customer experience. We recently identified 14 key initiatives that are impacting opportunities for us at Cingular. These initiatives are designed to improve our customer experience from the day the customer begins thinking about buying wireless until the day they are a long-term customer for Cingular.

It is simplifying processes to drive long-term benefits for both the customer and for Cingular. The results will be more satisfied customers with fewer reasons to call us about issues, fewer issues to address around service, billing, payment and so forth.

Cingular will benefit from this with lower churn, lower costs and higher margins. We have short sayings at Cingular. One is, "what gets measures gets managed and what gets focused gets fixed". This issue is being focused on and it will be fixed.

To succeed in a competitive filed like we're in, we must have a fundamental strong foundation to build from. Our network footprint is that foundation. It is extensive with 263 million POTS and 23 million subscribers. To further enhance our network, Cingular's agreed to acquire spectrum from Next Wave covering over 83 million POTS for \$1.4 billion and should close in early '04.

This spectrum is heavily weighted in major markets where Cingular already operates, this expands the depth and reach of our networks and our average spectrum in the top 100 markets increases from 30 to over 34 MHz. We will see some immediate benefits from this spectrum that'll serve us better in long-term growth.

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Additionally, we've been actively acquiring and swapping spectrum from other carriers. Recent deals include locations in Texas, Florida, Maryland, Louisiana and Arkansas. Achieving a nationwide GSM footprint is essential for our future. GSM provides us with the most advanced application, handsets, economies of scales, data voice capacity, a quick path to higher data speeds and enhanced international roaming.

These are two - there are two parts of our GSM effort. The first is to transition our own network to GSM. Cingular's GSM overlay is ahead of schedule as Mr. Whitacre mentioned. We've converted 92% of our covered POTS, including all of our major markets and the remaining areas to be converted, shown here in the blue, will be done next year.

This transition is complex but our overlay approach has been smart. We know GSM, we understand the technology and we know what it takes to do it right. Feedback from these customers that we've converted has been good. With GSM we're now beginning to enjoy the unprecedented new products, the efficiencies and the customer experience we expected.

The second part of the GSM conversion is an effort to ensure nationwide GSM coverage either through our network, joint ventures, or through roaming partners. We have been working aggressively with other carriers to get this done. 30 new U.S. GSM roaming agreements have been signed since the 1st of the year. Even more impressive is that these agreements allow us to roam at half the rate of the traditional TDMA rates.

By the end of the year, the GSM networks of Cingular and our roaming partners will cover nearly 90% of the entire U.S. population and increasing to almost 94% by the end of '04. Most importantly is that we provide roaming – or network services where our customers use their minutes. By the end of this year, we'll have GSM service available where 93% of our customers use their minutes today and increasing that to 99% by the end of next year.

When you add all of this together, you're looking at a national carrier with a strong local focus. Combining Cingular's extensive network with the footprint of the wireline assets creates a far-reaching asset base to launch new integrated services.

80% of Cingular's 23 million subscribers reside where SBC or Bell South offer wireline services and the vast majority of their 79 million access lines are within Cingular's service area. This represents significant opportunity particularly when you look to number portability. And we're ready for number portability. We have been retaining our best customers, increasing our customers under contract to over 70% with the majority on two-year contracts. Handset upgrades have been instrumental in attracting many customers to new contracts with 9% of our base upgrading to GSM handsets in the last quarter.

And, as we have said, we are nearly complete with our GSM overlay. The GSM handsets are driving customers into our stores. Store traffic is up 40% in some of our most recently converted markets. The benefits to Cingular with this is more than just getting customers on new contracts but it helps migrate our customers to our new network. We now have 40% subscribers on GSM handsets, up from 35% just six weeks ago.

We have signed portability agreements with all other major carriers. Operationally, we have upgraded our systems to port customers and our portability call center is ready to go. And, as Ray mentioned, we are under-penetrated in the business market which represents less than 10% of our customers.

This is an opportunity we plan to exploit with number portability. The really big opportunity will come with products and services that give the customers the benefit of both wireless and wireline. The mobility of wireless and the security, convenience and reliability of wireline.

Customers want both and we believe we have the companies we believe that we are the company that gets this basic point and we can give the customers the benefit of a single number and we already are doing that with our fast forward service and we can win with this in a big way; that's where we're focused.

Most of the early conventional wisdom seems to think about number portability that it's an either or term but the fact is, from the customer's point of view, it's not a technology decision. It's about value and benefits. We believe the customer will move beyond either or to a both and concept where they get the value of integrated wireless and wireline with a unified set of features. They get extra reliability, they also get access to DSL.

We've already taken huge steps in this direction and we have a lot of potential in front of us. It won't be long before the customers not only have the ability to integrate wireline and wireless products, but they'll expect it and with the largest wireless wireline overlap, Cingular, along with SBC and Bell South, bring a value proposition that it'll be difficult if not impossible for most to meet.

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We started this integration process with the single bill. Then we added your combined wireline, wireless voice mailbox. Recently we added the PC to wireless messaging capability. We just broadly launched our fast forward product and sales are approach a thousand a day. In the near future, SBC will be launching unified communications which allows for integrated messaging, e-mail, wireless and wireline voicemail.

We are also working on the integrated Wi-Fi solution allowing customers to enjoy a seamless broadband experience between home or office. SBC's freedom link Wi-Fi hot spots and Cingular edge network. We believe these kind of efforts are a competitive advantage and we intend to exploit them on an accelerated basis. And the integrated product portfolio that positions us to win in near term opportunity, wireless number portability is an opportunity.

Cingular is a much – is in a much different place than it was 12 months ago. We have made progress. The intensity and speed in which management has grasped this is gratifying and, as you can see from all this progress, Cingular is a much more productive asset for its owners. A much more valuable asset. It is stronger operationally and it is better positioned for the future.

Going forward, we will continue to invest in our networks. We continue to improve the customer experience. We will exploit new products and market opportunities and will differentiate through integration with wireline.

At Cingular, we know our strengths, our opportunities and our customers and we will execute with a driven focus. I thank you again and now turn it back to Ed for closing comments.

Edward Whitacre - Chairman and CEO - SBC Communications

Well, thank you very much, Stan. I know you have a lot of questions, so I won't take much time here but let me quickly recap some important points.

We do have a clear, focused plan at SBC and we're beginning to deliver good results. We do have a proven record of execution in DSL, long-distance, wireless. And in cost management, we're executing at a high level at SBC and you can rest assured we will keep that intensity high.

Third, SBC has substantial opportunities ahead. Long-distance in the Midwest, the large business space, SBC dish, Cingular and in DSL where we think we've just scratched the surface. There is a lot of opportunity ahead for SBC. Plus, at SBC, we have a strong balance sheet and we have the financial strength to execute our major initiatives and return value to our owners. I have a lot of confidence in our ability to get that done.

Looking ahead to 2004, you can expect two things from SBC. Strong effective marketplace execution and disciplined cost management. We are confident as we move forward, we will see revenue trends stabilize leading to positive year-over-year growth by the end of next year; that includes the results from Cingular.

We expect DSL net adds to continue to ramp. We expect consumer retail long-distance penetration of more than 40% companywide by next year and we expect Midwest access lines to trend with what we've seen in other regions.

Our marketing initiatives - our marketing initiatives are going to continue to have an impact in margins in the near term. With progress on access lines and revenue and with continuous improvement on the cost side of our business, by the end of next year we know margins will stabilize.

You can expect us to be very disciplined on cap ex. 2004 is now targeted at \$5 billion. And you can expect that we will put a premium on returning value to our shareowners. Again, we have good opportunities ahead at SBC. We're executing at a high level and I'm very confident in our ability to deliver to our shareowners.

With that, I'd like to ask, not only our presenters, but the rest of the senior management team at SBC to come on up, Randall, all of you come on up. This is not in the script but since we're going to answer any question about SBC, you should see the senior management team and we do have the best management team.

QUESTIONS AND ANSWERS

Stan Sigmun - President and CEO - Cingular Wireless

All of us are available for Q&A and so, we're ready for the first question.

Yes.

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Unidentified Participant

This is a question for Ray and, I guess, also to an extent Randall. Ray, you did a good job of segmenting the business market for us and clearly the biggest dollar opportunity for you is the large business segment and that's even just looking at the business who are largely based or up to 50% based in region in terms of where their footprint is or where their premises are.

I wonder if you could talk a bit to your ability to be cost-competitive, because on the one hand for large business, clearly you have an advantage in region from a cost of goods sold point of view. You have ubiquitous last mile access but as you go out of region there's something of a disadvantage as you have to buy last mile access from others?

And also, I wonder how the cost equation works, particularly in terms of service and support competing against the who've got very big in the scale in the large business market? And, I guess, the bottom line is, if we look at the IXC (ph) 's you know, they're achieving what – you know, by SBC standards, would not be particularly good margins at the 15 to 25% level roughly on an EBITDA basis.

You know, can you compete and, if anything, get above that margin level which, I guess, again from Randall's point of view, isn't the sort of figure ideally you'd be aiming for?

Rayford Wilkins - Group President - Marketing and Sales - SBC Communications Inc.

Well, I think you almost answered your own question. When you look at it overall, the last mile or the presence at the local level really determines a lot of the cost factors. When you start looking at the long haul network, the incremental cost is very, very small.

One of the reasons we're focusing on those customers that have a lot of their locations in our territory is because as you look at a combined network, both in region and out of region, we believe that we have a cost advantage over AT&T, MCI and others because they buy a lot of their local access from us and or the other regional Bell companies.

As a result, we are having a focused approach towards the enterprise marketplace. Once again, that doesn't mean that we won't go after other opportunities and we'll be selective as we do that but we know that, on those, we have a cost advantage.

On the long haul network, our costs really compare pretty favorably with the carriers. We have to, of course, become very effective and efficient in acquiring local access out of region but remember, we have switches right now in 30 regions outside of our network.

So we believe, all in, we can be very price competitive and, in fact, on a lot of the bids that I'm looking at right now and I see a lot of them that go across all of the different regions, we are being very cost competitive.

Unidentified Participant

OK.

Unidentified Participant

Edward Whitacre - Chairman and CEO - SBC Communications Inc.

Long question, long answer. Yes, sir.

Unidentified Participant

Thanks, actually a question for Bill, I think. As you look at the S V C (ph) 's review, what do you think the timing is of some type of final decision from them? Then what do you think the process is going to be to actually - if you hypothetically say that they do improve the methodology by which telrec (ph) is calculated, to actually turning that into a positive impact on wholesale prices?

Bill Daley - President - SBC Communications

Our best guess is probably somewhere around nine months. So we're talking late Spring of '04 and then we would expect an aggressive program at the State level to get the States to then respond and come up with some rates that are realistic considering the changes they'll make.

We do have some States moving forward right now on unitiph) prices and we expect there to be some success on a few of those. But I think nine months is probably a realistic date and then after that within six months we should see some State action released.

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Unidentified Participant

Fair enough.

Edward Whitacre - Chairman and CEO - SBC Communications Inc.

Yes, sir.

Unidentified Participant

Thanks. One for Ray and one for Randall. Ray, can you talk a little bit about the video strategy? How aggressive you plan on being on marketing and, kind of, what your target might be a couple of years from now in terms of subscribers?

And, Randall, Ed was kind enough to give us the, kind of, hurdle that revenues will start to grow again by the end of next year. Can you talk a little bit about earnings, when you think that might be able to start growing again?

Rayford Wilkins - Group President - Marketing and Sales - SBC Communications Inc.

Well, in terms of -

Edward Whitacre - Chairman and CEO - SBC Communications

He can't talk about that. But he'll talk about it. Go ahead, Randall.

Randall Stephenson - CFO - SBC Communications

He'll talk about the other one, I won't talk about it. In terms of SBC dish, we're rolling it out through all of our States initially. We think that we're going to be very, very successful. I'm not going to release actual targeted numbers. I have them. In fact, Ed and I have talked quite a bit about them and he said the bigger the better is what he told me.

But I really believe that we're going to be very successful with SBC dish but I'm not releasing any targeted numbers right now in terms of overall growth. Rayford Wilkins - Group President - Marketing and Sales - SBC Communications Inc.

In terms of earnings guidance or earnings forecasts, obviously we don't give earnings forecasts at all. We have some of the best and brightest analysts in the country in here and I think based on the historical trends of what we've given you, somebody as smart as you, Tim, would probably do a good job at that.

But we do expect margins to stabilize though towards next year. You know, the preponderance of our margin pressure is not pricing. Our margins pressures are coming from access line losses and the lion's share of the access line losses are Midwest and you've seen what you ought to be able to expect as we penetrate long-distance in the Midwest. So as you slow down access line losses, margins should stabilize towards the end of year, next year.

Edward Whitacre - Chairman and CEO - SBC Communications Inc.

Yes. Up there. Yeah.

Mike Coffee - Managing Director of Investor Relations - SBC Communications Inc.

OK. We have a question in the balcony.

Unidentified Participant

Ray, I'm going to question on DSL. You indicated that about 50% of your lines - or over 50% of your lines can achieve 4 to 6 megs, and a couple of questions in that respect.

First of all, are they concentrated enough so that you can actually target market to those customers or are they scattered because of distance from the CO difficult?

Second, when will that kind of speed be relevant, really, to a business plan? And, third, what are you expecting as it relates to cable companies cutting price and when this will, sort of, come into play. What's embedded in your business plan in that respect?

Rayford Wilkins - Group President - Marketing and Sales - SBC Communications Inc.

OK. Let me begin with your first question. They are concentrated enough. They're all under eight kilo feet (ph)

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from the Central Office. We know where they are. We have demographics associated with those. Also, there is the ability to go at the RT and really begin to deliver even higher speeds even past the RT. So we have roughly 50% of our customers right now who can get that four to six megabits and it really becomes relevant when applications really drive the need for increased speed.

We do sell a lot of speed tiers right now, as we call them, particularly in the business segment where you have applications that really require that type of bandwidth. But down market in the consumer and mass market areas, those applications really don't exist right now.

Most applications and or servers are at about one and a half megs. So, we are ready and poised as those applications develop. And if you go and look at some of the European areas and if you look at the Asian community, they have some applications now that are beginning to require those speeds.

So we are poised and ready to deliver those when those applications develop. What was his other question? Oh, price compression from cable company.

Right now, we're not seeing much movement other than Comcast. They've got a couple of small switching offers at lower speed levels, 768 kilobits and below. We believe that the value proposition we've put in the marketplace at \$26.95, 1.5 megs for our package – packages right now is a much better value and right now we're not seeing any trail off at all in our sales.

So we feel very optimistic that we can compete with the cable companies. But if and when the need arises, we will compete and we will be the broadband leader.

Edward Whitacre - Chairman and CEO - SBC Communications

In the interests of making that maybe more clear, the engineering strategy in the Midwest and California call for more central offices and less distribution plan. So, in those cases, in those two companies, it's more concentrated and we're able to coral a little better than Southwest which tends to have longer loops. But the answer to your question is exactly what Ray said and that is, we do have a handle on it and can reach it with those kind of speeds.

Yes.

Unidentified Participant

Randall, a couple of questions. John had talked about achieving cost reductions of about 1.3 billion annually by the end of 2006, can you comment on what costs would need to be incurred to get at those kind of savings or, alternatively, what kind of payback you'd be looking at.

And, secondly, on pensions, that would obviously be embedded within your margin trend comment, can you give us an idea of what assumptions you're looking at?

Randall Stephenson - CFO - SBC Communications

Yeah. The first one, in terms of what kind of investment's going to be required to get the 1.3 billion, there are going to be some capital costs incurred. They're more in John Stenky's organization. It's IT type development to make most of that happen. Some severance, although not significant amounts of severance. We think we'll be able to do most of this with attrition.

And so, bottom line, you know, we're looking at spending 5 billion this year, 5 billion next year, inherent in those capital numbers are the costs required to do these initiatives. So it's not significant enough that it's going to move our capital forecasting by much.

In terms of the pension and retiree medical costs for next year, we're not looking at significant pressure going into next year. I'm not going to give assumptions in terms of what's behind those but, at this stage, given what we've got behind us this year, it doesn't look like we're going to have significant pressure from those lines going into next year.

Unidentified Participant

OK.

Edward Whitacre - Chairman and CEO - SBC Communications

Any other questions? Yes. It's hard to see who that is; is that you, Richard?

Unidentified Participant

Yes, you've got it

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Edward Whitacre - Chairman and CEO - SBC Communications Inc.

OK

Unidentified Participant

I understand what you were saying about the opportunity for linking up wireline and wireless but I was wondering if you could touch. or anyone on the stage really, could touch on the issue - kind of some expectation on how much you see wireless substitution accelerating going into next year assuming wireline to wireless number portability expands?

I don't know if there's any easy answer to that.

Unidentified Participant

There isn't an easy answer and I probably can talk about that as well as anybody. It's going to continue to accelerate. There will be substitution of wireline for wireless. We don't know. It's probably 7% or 8% now. It's hard to know. How much higher it goes, I don't know but, you know, wireline's not going away. I personally think it's not going as high as you might be led to believe by reading.

I do think there are tremendous opportunities, as Stan explained, between the wireline and the wireless companies but I don't know what the percent goes to next year. I don't know how quickly that goes. Fast forward certainly helps. Other things help but we're convinced it'll continue to grow. We don't know what that number is.

Edward Whitacre - Chairman and CEO - SBC Communications Inc.

Yes.

Mike Coffee - Managing Director of Investor Relations - SBC Communications Inc.

Mr. Whitacre, we have a question in the back of the room.

Edward Whitacre - Chairman and CEO - SBC Communications Inc.

OK.

Unidentified Participant

Thanks, Ed. We touched a little bit on cable telephony but just to dig a little bit further into it, obviously Cox has proven they can take share with the circuit switch offer it has now and, you know, they've talked about voice over IP, maybe that being an impact for you maybe in '05.

I'm just curious, you know, you're looking for lines - trends to improve late next year, how big a threat do you view that right now and how aggressive do you need to be today in response to that anticipation of it?

Edward Whitacre - Chairman and CEO - SBC Communications Inc.

Well, I think we need to be vigilant. I think we know we're going to lose lines to other technologies but we're also very aggressively looking at voiceover IP, utilizing it. What we're after, I'm sure it's no secret to you, is market share and attractive prices. Thinks that enhance our services to our customers.

But we have to be very vigilant about that. We have to be prepared to meet them in the marketplace. Are they going to take some share? You bet. Are we going to take some? Yeah, we're going to take some back from them too.

So we just have to be all over that and we are. Forest Miller (ph) is spending a great deal of time on that effort and so all I can say is we're on top of that. We know - as you know, there are a lot of regulatory questions, maybe even legislative questions around some of these technologies. But given the past track record, you can't rely on that so we have to be ready to go and we're trying to get ourselves in that position. It's - it's who gets the consumer or who gets the customer and that's what we're focused on with bundles, with prices, with all that kind of stuff. Yes.

Unidentified Participant

Two quick questions for Mr. Whitacre on the video product. There's been some discussion about your price point for the triple play being \$100 for voice video and data; does that seem reasonable? And then, second, in terms of prioritizing markets with the video product, is the idea to go after areas where you've suffered the most losses like in San Diego or is it really a blanket strategy across your entire footprint? You know, kind of inoculate yourself from the next round of competition.

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Edward Whitacre - Chairman and CEO - SBC Communications Inc

I think both of those make sense, but Ray wants to add to it. Ray.

Rayford Wilkins - Group President - Marketing and Sales - SBC Communications Inc.

Well, right now because I want to hit the marketplace pretty hard but let me assure you, we're going to be pretty aggressive when we roll out the SBC dish product. Yes, we will go into San Diego very hard but we'll go other places as well. It won't be just a total blanket strategy but it will be one really targeted towards picking up as much market share as we can in the shortest amount of time frame. We really plan to hit the market pretty hard with overall SBC dish.

Edward Whitacre - Chairman and CEO - SBC Communications Inc.

Yes.

Unidentified Participant

Thanks. First a question for Ray. I was wondering if you could talk about the methodology that you used to calculate the improvement in churn on the different bundles? And can you talk about the potential risk to the analysis since the bundling is still so young for a lot of your customers that the denominator is growing really fast but the numerator, which is the disconnects, haven't had a chance to catch up.

And then secondly, for John on cost cutting, it sounds like you're pretty far out of the gate in starting this process and I'm wondering if you could talk about how much of the savings will flow through the P&L over the next couple of years before you get to the finish line which is the 1.3 billion?

Rayford Wilkins - Group President - Marketing and Sales - SBC Communications Inc.

OK. If you look at the in service life expectancy, we've been tracking that for a number of years. We know what our initial bundles are, we know what they are in long distance. We've had long distance in Southwest for three years and we've had DSL for over three years.

But while they are new, really churn has been analyzed and looked at with in service life for at least a three year period. So it's not quite as short as you might expect. What we do know is that as we add additional items to the bundle, that churn goes down and we can measure it very scientifically.

So we know exactly what the in service life is from one product to the next product and with multiple bundles.

John Atterbury III - Group President -- Operations - SBC

The average payback period on the majority of our projects is between two, two and a half years. And we started a lot of these projects in the latter part of 2002 and, for example, in 2003 we saved about as much of expense in 2003 as we spent on the projects. But we won't get the full benefit until 2006 for the most part. Two and a half years on these projects.

Edward Whitacre - Chairman and CEO - SBC Communications Inc.

OK. Over here.

Unidentified Participant

Hi. Number one, would you take a look at MCI at the right price once it comes out of bankruptcy? Had to ask that, sorry. Number two is, the guys outside are saying that you're going to offer a voiceover IP product out of region, won't that anger your Cingular joint venture partner in the Southeast?

Edward Whitacre - Chairman and CEO - SBC Communications Inc.

Well, for your first question about MCI, we're focused on growing our business. We think we have a good strategy and we are going to focus organically or what we told you about today. We're going to grow our company organically.

Secondly, I've forgotten what it was. Something about Cingular, what was it?

Unidentified Participant

Apparently you're going to be offering a voice over IP product out of region; won't that anger perhaps Bell South and -

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Edward Whitacre - Chairman and CEO - SBC Communications Inc.

Well, absolutely it will. And just like if they come in it's going to anger us. Of course, the answer to that is, yes, but it's a non-issue since we have a good partnership and it's not happening. Impossible to speculate on things that don't happen. It's kind of a curt answer wasn't it but I don't know how to answer that any differently.

Yes, Bill.

Unidentified Participant

I have a question for Stan that's somewhat similar. You've made a powerful case as to how you combine wireline and wireless in each of the territories for residential wireless customers; how do you see approaching the business customers and linking that with the various parent wireline?

Stan Sigmun - President and CEO - Cingular Wireless

First of all, thanks. I'm glad you asked me that question.

Edward Whitacre - Chairman and CEO - SBC Communications Inc

Give him the microphone.

Stan Sigmun - President and CEO - Cingular Wireless

I'm glad you asked that question because I would hoping you'd ask a question; that's the first time I've ever seen you out of a bow-tie. As I tried to mention in the slide, the B-to-B channel or the B-to-B market, small business all the way up to the enterprise, there's a tremendous opportunity for Cingular because we don't have a presence there.

We're basically, by and large, and Ray showed it on his graph in the total revenue opportunity where Cingular is, we're a consumer market. And we haven't gotten traction in the business market because we've been guilty of trying to force business and enterprise into consumer distribution channels, consumer rate plans, consumer operational support systems. We get it. We're fixing that.

We're aligning ourselves with a relationship with Ray and his distribution channel has with those accounts and number portability brings opportunity for us in that regard because the number is really important to those customers.

And to give up that number and come over to another carrier, we had to create the reasons. So, we've got to create the systems and the price points and the products and operations. And we've got to leverage off the relationship that Ray and his channel already had. Does that answer your question, Bill? No?

Bill Daley - President - SBC Communications

Unidentified Participant

Bill, let me take a stab at that ...

Unidentified Participant

Get the microphone.

Unidentified Participant

One of the things that we're looking at right now as we approach the large business segment is to really take the lead in terms of bringing Cingular in more than we have in the past.

There are a couple of key things that are going on in the business marketplace right now I talked about a little bit earlier, convergence. As you put all of those features on a converged network and as the demonstration shows out there — you can do things like follow-me type services that allows a single number for that particular individual in that enterprise to go anywhere they are and they can actually be followed based on the voice-over IP technology.

The next thing that we'll do is we'll have what we call the single mark. A single, minimum annual revenue commitment that will also include Cingular spin as part of that overall discount that that enterprise could have by doing business with SPC versus some other company. So, there are several different ways we can link it up.

Unidentified Participant

We're going to try to be very close with Cingular and our sales force, Bill, in the business enterprise arena.

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Mike Coffee - Managing Director of Investor Relations - SBC Communications Inc.

Mr. Whitacre?

Edward Whitacre - Chairman and CEO - SBC Communications Inc.

Yes?

Mike Coffee - Managing Director of Investor Relations - SBC Communications Inc.

Mr. Whitacre, we have a question in the balcony.

Edward Whitacre - Chairman and CEO - SBC Communications Inc.

OK

Unidentified Participant

Thank you. I wanted to ask you a question about fiber to the home. I wanted to get your thoughts on whether you're a proponent of an overlay versus a new build? Whether you plan to roll out fiber to the homes — to either the home or to the neighborhood?

And then, what would be the applications you have in mind to justify the cost of building out the fiber?

Edward Whitacre - Chairman and CEO - SBC Communications Inc.

Well, that's a multi-part question and I'll try and then people can chime in. We don't see the economics of putting fiber all the way to the home at this point in time. But we clearly are extending fiber in our network.

We don't want to tear up everybody's driveway, street, alley and there are still some regulatory uncertainties. For example, as you know, broadband in a green field situation is supposed to be unregulated.

But there is a question — Jim, correct me if I'm wrong — under the 271 portion whether we have to provide a path to the house or not. So, even under 251 it's not required. It's a question of under 271, we may still have to provide those who want a provide a competitor to the house.

So, we don't know the answer to that question. That being uncertain, that certainly would deter you from making any further investment. The services — so, we're putting fiber further out, much further out. The justification of that, of course, is higher speed DSL type services, broadband, video — be it switched or broadcast — all those types of services would be the justification for that.

Unidentified Participant

In a flat capital spending environment, could you let us know what your priorities are going to be for outside plant versus Legacy systems versus next generation IP systems?

Edward Whitacre - Chairman and CEO - SBC Communications Inc.

Well, Mr. Stanky over there who runs IP is going to get a big chunk of it as we consolidate centers and try to have common suites of systems to give our customers better service. In our core business we're going to maintain essentially what we have. And those needs are about like they've been in the past, right?

Unidentified Participant

About that, yes

Edward Whitacre - Chairman and CEO - SBC Communications

Not significantly different than maintaining our core network. And the remainder is scattered over voice over IP projects, those sorts of things.

Yes?

Unidentified Participant

A question for Stan and perhaps Randall. To what extent or what chance is there that LNP would be disruptive enough so that you can actually see some of the consolidation that we've all been talking about for the last four or five years? Thanks.

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Stan Sigmun - President and CEO - Cingular Wireless

Well, I cannot gauge (ph) it. LNP is not going to be good for the industry. It's not going to be good for any carrier in the industry short term. As all of you all know, there's not a carrier in the industry that's earning its cost to capital. Cingular is best in class in that.

And so, this is going to be taking cash and giving it to the consumers. It's a good thing for the consumers, but it's not good for the industry and it just makes a weak industry weaker. There's no doubt about it.

Unidentified Participant

This question is ...

Edward Whitacre - Chairman and CEO - SBC Communications

He's had his hand up a long time.

Unidentified Participant

And it's an easy question.

Edward Whitacre - Chairman and CEO - SBC Communications Inc.

Oh, good.

Unidentified Participant

For John — because it's a math question. John, I was looking at the 1.3 billion you had built up in savings for 2003 or by 2006. And I was kind of flipping back at what the components were and I had — I just want to make sure I've got this right.

I've got 550 million of that coming from productivity. Mainly from service tax and central offices and so forth. And then there was another 417 in non-wage it looked like. When I added up all those little pieces you had in your chart.

And then that leaves like about 333 million or so of something else. Could you let me know if I've got that right first, one? And then two, is there another 333 of something that I need to know?

John Atterbury III - Group President -- Operations - SBC

Well, you're not exactly right, OK? First of all, the 1.3 was both expense and capital. Clearly, the majority is expense. The 550 is in the 1.3, but I didn't talk about all the other things.

I mean, the call center consolidation can fit into part of that 550 as well, OK? Because some of those metrics measure call centers. Those best in class metrics. So, I didn't talk about the, you know, like five or six cases out of maybe 100. But when you add up all that 100, that's what the 1.3 billion is. But the 550 is in the

The 417? That's short term. No. No. no. no.

Unidentified Participant

John Atterbury III - Group President -- Operations - SBC

Yes, yes, yes. I'm sorry.

Unidentified Participant

OK. Yes, sir? He didn't want you to have the Mic. There.

Unidentified Participant

This is a question for Stan. Stan, if I remember correctly from your Monday presentation, you said that churn among your GSM customers is higher than the TDMA (ph). And I'm just kind of curious if that is — it's not true? Oh, OK.

Stan Sigmun - President and CEO - Cingular Wireless

I don't recall saying that and if I said that, that would be -1 don't know where I would have said that from. I don't recall saying that:

Churn from our GSM customers is higher than our T D M A (ph) customers? I don't think that's true. Yes?

Unidentified Participant

OK.

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Unidentified Participant

This question is for Mr. Sigmun. I was wondering if you could tell me, what is the average length of time remaining on your wireless customer's contracts? If you can't be specific, could you at least say whether it's more or less than a year?

Stan Sigmun - President and CEO - Cingular Wireless

It's more than a year. As I mentioned it in my presentation, we have 70% of our subscribers under contract. Most of them are on a two year contract. I can't be more specific than that right now.

Unidentified Participant

Yes?

Unidentified Participant

Yes, this question is for Ray. I'm trying to get a handle on the consumer market. You know, you talked about your own churn there. Do you have any intelligence on what your competitor churn is? Particularly AT&T and MCI?

And I guess, secondarily, can you talk about gross losses or gross losses going down in addition to net losses? Thanks.

Rayford Wilkins - Group President - Marketing and Sales - SBC Communications Inc.

Sure. If you look, first of all, at our competitors churn I don't have their actual statistics. I'm trying to drive it up higher than it is right now. And I can tell you that our win back rates have increased substantially, particularly in the Southwest and West.

Let's take the West, for example. In the first quarter our win back rates there were 38%. We're now hitting at 66% win back rates. That means they've got to be going up substantially. Southwest went from about 66% in the first quarter to 86% in the third quarter.

So, I don't know what their churn rates are, but whatever they are, they're going up. And my job is to make them go up faster.

Unidentified Participant

That's a good answer. That's a good answer!

Rayford Wilkins - Group President - Marketing and Sales - SBC Communications Inc.

Now, what was the second - you had another question?

Unidentified Participant

Rayford Wilkins - Group President - Marketing and Sales - SBC Communications Inc.

Oh, gross competitive losses are going down. We do measure that and that's one of the ways we look at our win backs. I don't have the percentages. We only release the net, because that's usually what everybody looks at. But I can tell you, they have dropped substantially.

As we enter into long distance in every one of the space, you can see a precipitous drop immediately in those particular losses. Now, that doesn't mean we still don't have losses, but that's one of the ways we really drive up the win back rates. In other words, we're more effective on the win back and we're losing fewer lines.

Unidentified Participant

Thank you. You mentioned that you expect margin stability by the end of next year. And what I'm curious about is, since there's been compression of, you know, 4% or 5% over those past few quarters, once you get to the end of next year, what lines of your business, then, do you expect might be able to add incremental margins to bring you back up into the upper 30's? Or are we just relegated to seeing mid-30's, low 30's EBITDA margins?

And then second question, with wire line or 100% wire line porting now coming into play, can you give us an idea of how to look at the expense or incremental cost of that and whether that's imbedded in your 2004 expenses as of yet?

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Edward Whitacre - Chairman and CEO - SBC Communications Inc.

Randall, do you want to try?

Randall Stephenson - CFO - SBC Communications

In terms of the margins, I mean, you've seen the margins gradually work their way down. The objective is to stabilize access line losses. And you saw Ray's chart about what the opportunity is in the Midwest. The one thing that would cause margins to expand would be if you actually started taking lines back. We'll see.

I mean, we'll have to see if we can actually expand, you know, or increase penetration on access lines and cause margins to expand. The new services we're going into — very specifically the high end business and medium end business — those are just inherently lower margin business than we've traditionally been in.

The difference is, they're very low capital intensity businesses. So, the lower margins are, you know, actually, I'm good with that. They require less capital, slightly lower margins. That will probably keep margins, you know, at a stable range. Not necessarily expanding as we get into next year, but stabilizing. And it's just lower capital intensity business.

Edward Whitacre - Chairman and CEO - SBC Communications Inc

I might add to that. We've been hit harder than the other companies on these U n i - P (ph) rates. And we thoroughly believe there's some upward opportunity on those u n i - r a t e s (ph) in the next few months because we've had lower rates than any other company. So, we've probably lost more due to that, but we have more opportunity coming back to gain those, right? And have some expansion — multiple expansion — margin expansion.

Unidentified Participant

In terms of the wireless LNP impact, I think, Stan, you're spending pretty hot right now trying to basically prepare for wireless number portability. You're not going to see those costs probably come down in Q4, but I'd say they're probably embedded in there for the next couple quarters.

Unidentified Participant

Stan Sigrnun - President and CEO - Cingular Wireless

Wire line portability?

Edward Whitacre - Chairman and CEO - SBC Communications Inc.

Wire line to ...

Stan Sigmun - President and CEO - Cingular Wireless

There are no significant incremental costs associated with wire line number portability. I mean, we've been porting numbers on the wire line side for a few years. And it's no inherently different to do it wireless than it is wire line.

Edward Whitacre - Chairman and CEO - SBC Communications Inc.

Right.

Stan Sigmun - President and CEO - Cingular Wireless

Is that your question?

Unidentified Participant

Yes.

Mike Coffee - Managing Director of Investor Relations - SBC Communications Inc.

Mr. Whitacre, we have time for one more question.

Edward Whitacre - Chairman and CEO - SBC Communications

OK.

Unidentified Participant

I didn't want to steal the last one with a second question, but I guess. Randall, if your revenue trends and margin trends — it

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sounds like not just for 2004, but for long term — is so dependent on access lines, your showing 4% line declines over the past several quarters as has the rest of the industry.

Where do you expect that to trend long term? Can you get that back and flatten it out over time?

Edward Whitacre - Chairman and CEO - SBC Communications Inc.

You saw a chart on that earlier, didn't you? How it's trending back to zero? I know you were watching that! Boy, I sure was. Go ahead, Randall.

Randall Stephenson - CFO - SBC Communications

To me I would not — I would argue the main driver of revenues going forward is not necessarily access line. It's a big driver, but the main driver over the next couple of years are going to be these business initiatives that you heard Ray talk about today. Those are big revenue opportunities. And those will be the areas that have the biggest lift on revenue — as well as DSL.

So, you know, access lines. Will they continue to trend down at 4%? I don't think so. A lot of that is economic driven right now and if you get into a vibrant economy, housing starts, et cetera, I do expect access line trends to stabilize to something better than down 4%.

Unidentified Participant

OK

Edward Whitacre - Chairman and CEO - SBC Communications Inc.

Thank you for coming. We appreciate it. We'll stick around here a little bit if you have more questions. Thanks again.

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BEFORE THE

PUBLIC UTILITY COMMISSION OF OHIO

In the matter of the Review of SBC Ohio's)	
TELRIC Costs for Unbundled Network)	Case No. 02-1280-TP-UNC
Elements)	
)	

TESTIMONY OF

MICHAEL STARKEY

EXHIBIT ___ (MS-14)

SBC's Productivity Initiatives



Analyst Conference

OPPORTUNITY LEADERSHIP EXECUTION

Service and Operations Initiatives

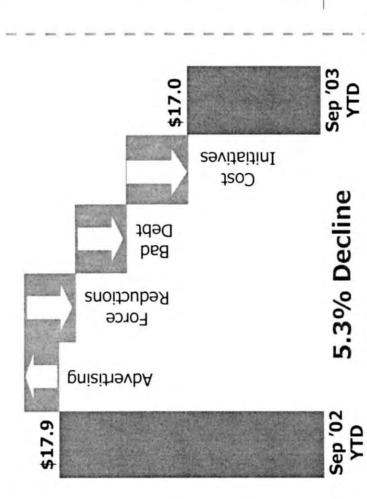
John Atterbury Group President-Operations **Exhibit MS**

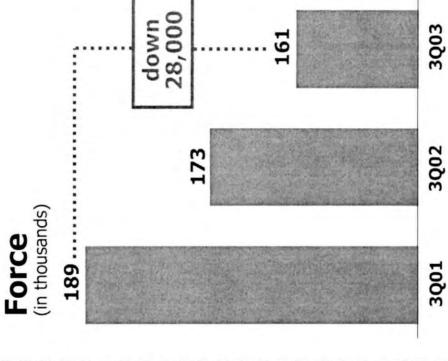
A fundamental transformation of SBC operations



Spe Wireline Trends

Operations and Support Expense (1)





(1) Operations and support expense is total operating expense less depreciation and amortization. Excludes FAS 87 and FAS 106 costs net of 10% capitalization and excludes FAS 143 accounting change impacts

Spc Non-Wage Short-Term Initiatives

Contractors & consultants

#(233N

PC, related hardware & RTU

(C) C) X

Conference & travel

\$(63M)

Energy

\$(28M)

Spc Long-Term Transformation

Standardize

Optimize

Transform Operations

Simplify

Consolidate

Automate



Sp(c) Call Center Transformation Project

- 200 separate centers located across SBC regions
- Opportunity Handling 200M calls annually
- Differing processes and technologies, significant duplication

Objectives

- Enhance customer service, generate sales opportunities
- Reduce cost, increase productivity



Sp(c) Call Center Transformation

State-of-the-Art Companywide Systems Move to

Standardize Technologies/ Processes

Improve Service Options

Consolidate

Shorten call lengths

transfers Improve Reduce

sales rate

Reduce training time

and support costs maintenance Reduce

Automate outbound calling

service options via the Web and Customer selfenhanced IVR

Reduce number of centers by nearly a third

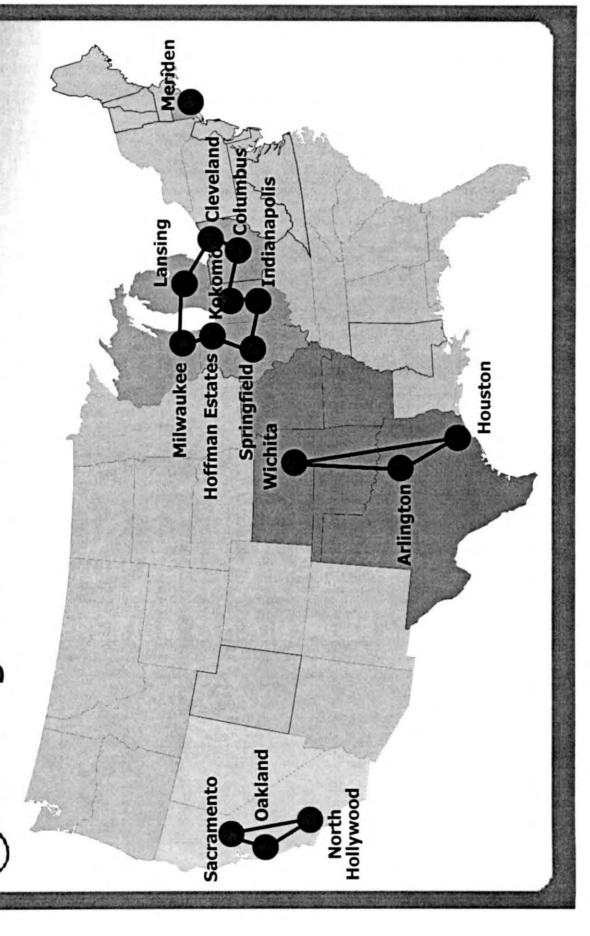


Spe Network Center Transformation

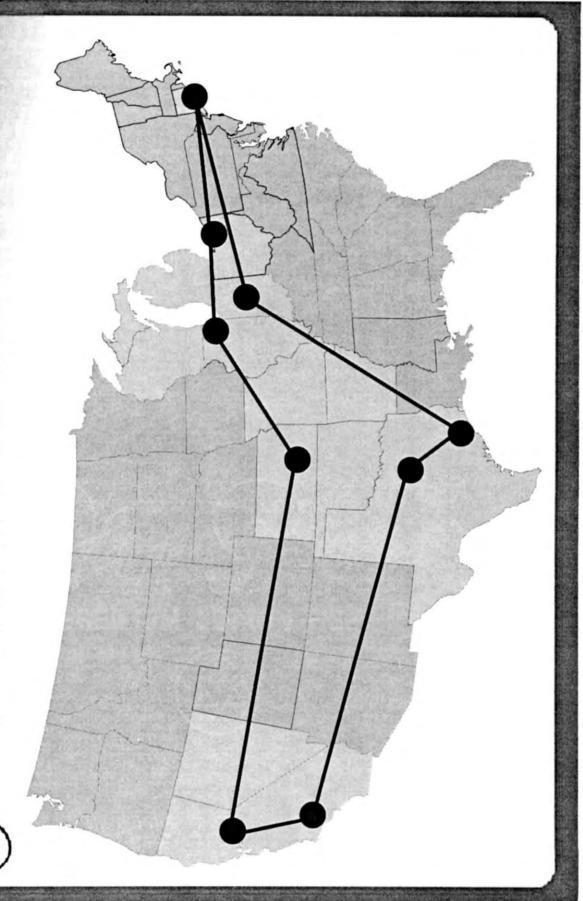
- 600 centers located across SBC regions
- Opportunity Range in size from 10 to hundreds of people
- Lack of uniformity region to region
- Standardize to drive efficiencies, strengthen service
- **Objectives**
- Eliminate overlaps
- Opportunity to substantially reduce centers



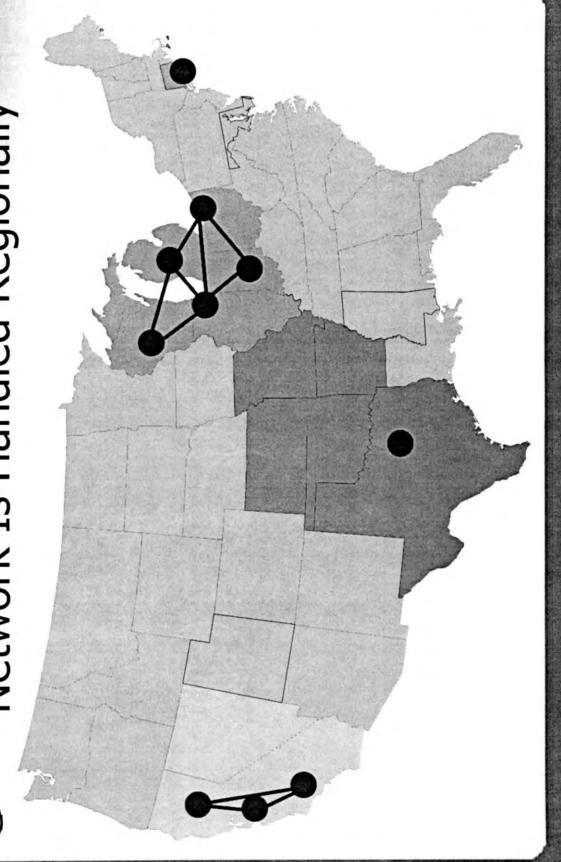
Syc) Regional Service Bureaus

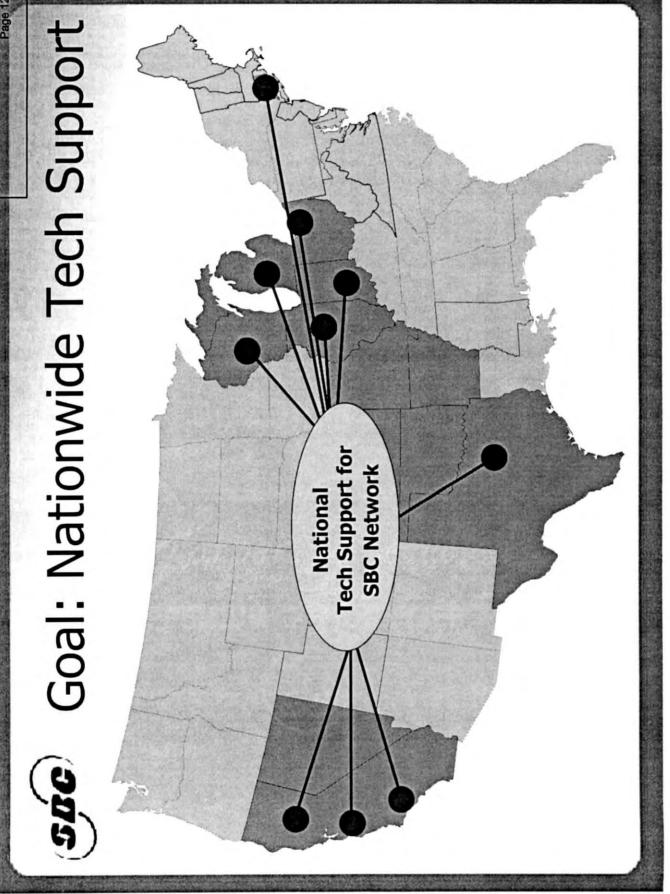


Syc One National Service Bureau



Technical Support for SBC Network Is Handled Regionally







Sac Outside Plant Records Conversion

Opportunity

Thousands of pole maps, cable records, cable and pair information, distribution area maps and conduit records - still mostly on paper

Move from paper to PC

Objectives

- Reduce job times
- Reduce service intervals
- Improve accuracy

Spc Efficient Technician Routing

rave

30M miles saved annually

Productivity

750,000 hours saved annually

Exhibit MS-14 Page 15 of 19

عَفِد) Central Office Manager Dashboard

3 SIC southwest (D (ps:Duckboard - Mcrosol Externet Exphres provided by SEC Corporal on Fresher Took Het 1 2 2



5 State Callout Program

User Guide



Employee Referral Service

. 6 y

Online Referral Form

Co-Ops ERS

Results by Cost Center



User Guide



Send a Web Notify Alpha Page

Webnotify

Send a Shuttle Alpha Page

LFO-In Viewer

WFA/DI Job Aids

Collocation Incident Reporting

Make a Report

WFA/C Job Aids



Network Access Line Lookup

NAL Lookup



Craft Access Remote Testing

Tier 1 Support User Guide

Payment.net Help

Payment.net

Supply Ordering

APROMS

eCommerce

Project SAVE



12:57 PM





Contact List for Updates

C.O. List

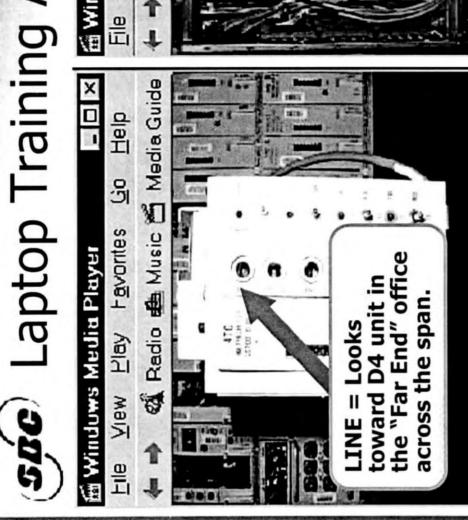
Exhibit MS-14 Page 16 of 19

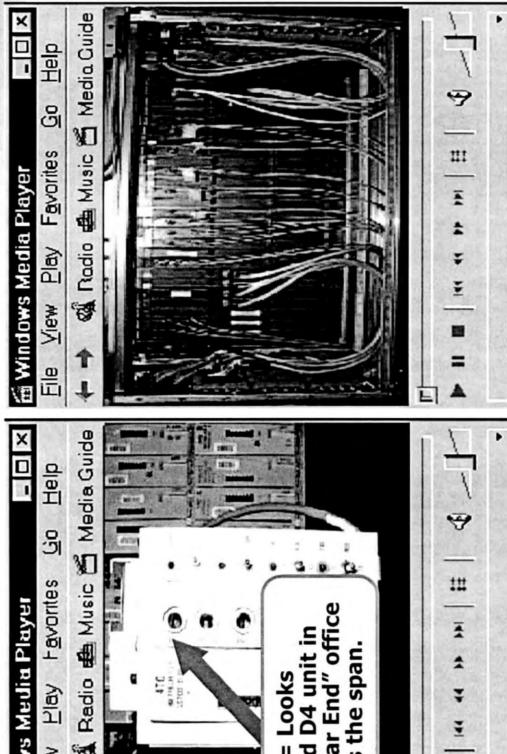
Southwest Central Office Operations
WFA Provisioning Pending for LFO Organization

Grid Overview

Circuit Type	Due Today	Due Tomorrow	Due Today +2	Due Today +3	Due Today +4	Due Today >4
CXR	480	480	589	652	720	5,384
HICAP	486	492	591	402	239	3,798
SONET	1	1	1	Ī	I	П
MSG	1	12	56	1	1	443
SPCL	292	831	296	382	86	1,166
FILE	134	114	83	49	8	291

Spc Laptop Training Aids







Productivity Improvements Drive Excellence

POTS

Expense per 100 Lines Good Jobs in 8;

Expense per Unit; Units per Person

Central Office

Total Expense per 100 Circuits

Construction and Engineering

Special Services

Total Productive Hour Performance

\$550M

Best-in-Class Annual Opportunity

sac Productivity Opportunity

by 2006 annual cost reduction Builds to 4

10

BEFORE THE

PUBLIC UTILITY COMMISSION OF OHIO

In the matter of the Review of SBC Ohio's)	
TELRIC Costs for Unbundled Network)	Case No. 02-1280-TP-UNC
Elements)	
)	

TESTIMONY OF

MICHAEL STARKEY

EXHIBIT ___ (MS-15)

Excerpt From FCC's Trends in Telephone Service – August 2003 on Productivity

PUCO Case No. 02-1280-TP-UNC Testimony of Michael Starkey Exhibit MS-15 Page 1 of 4

Trends in Telephone Service

Industry Analysis and Technology Division Wireline Competition Bureau

August 2003

This report is available for reference in the FCC's Information Center at 445 12th Street, S.W., Courtyard Level. Copies may be purchased by calling Qualex International, Portals II, 445 12th Street S.W., Room CY-B402, Washington DC 20554 at (202) 863-2893, facimile (202) 863-2898, or via e-mail qualexint@aol.com. The report can also be downloaded from the FCC-State Link Internet site at www.fcc.gov/wcb/stats.

5 Employment and Labor Productivity

The Bureau of Labor Statistics (BLS) publishes monthly data regarding the total number of employed workers in the communications industry. Specifically, BLS compiles employment statistics for the entire telephone communications industry using the Standard Industrial Classification (SIC) 481 and for a subset of this industry, telephone communications minus radiotelephone (SIC 4813). The difference between these two figures yields the number of employees in the radiotelephone industry (SIC 4812).

SIC 4813 includes establishments primarily engaged in furnishing telephone voice and data communications, except radiotelephone and telephone answering services. SIC 4812 includes establishments primarily engaged in providing two-way radiotelephone communication services, such as cellular telephone service. It also includes telephone paging and beeper services. Neither of these categories includes employees from establishments primarily engaged in furnishing telephone answering services, manufacturing equipment, or engineering and research services.

Table 5.1 and the associated graph show the annual average employment figures in the telephone communications industry separately for SIC 4812 and SIC 4813 from 1951 to 2003. Since 1990, employment in the telephone communications industry has grown modestly. Most of the growth in employment over this period is the result of substantial increases in the radiotelephone industry, which grew from 38,000 in 1990 to 206,000 in 2003.

BLS also calculates an annual telecommunications industry labor productivity index. The BLS index of labor productivity relates output to the employee hours expended in producing that output. This index, presented in Table 5.2, is available for the period 1951 to 2000. During this time period output per hour rose an average 6.0% per year. Data for the period 1987 to 2000 are particularly helpful for providing context for productivity growth in the telecommunications industry (SIC 481). Comparable data are available for 184 industries at the 3-digit level for these years. At 5.5%, the rate of growth in output per hour in the telecommunications industry exceeded that of 89% of the industries listed. This higher than average annual growth rate may be the result of telephone companies utilizing more efficient, advanced technology and increases in human capital. Table 5.2 and the associated graph illustrate the rising trend in telecommunications labor productivity since 1951.

Table 5.3 presents estimates of the number of telecommunications service providers that are small businesses as defined by the Small Business Administration's Office of Size Standards (i.e., 1,500 or fewer employees, including all affiliates).

Table 5.1 Annual Average Number of Employees In the Telephone Communications Industry (In Thousands)

Year	Radiotelephone	All Other Telephone	Year	Radiotelephone	All Other Telephone	Year	Radiotelephone	All Other Telephone
1951	15.2	628.8	1969	20.5	849.5	1987	21.1	880.8
1952	16.0	662.4	1970	22.2	919.9	1988	23.2	877.9
1953	16.6	685.6	1971	22.4	929.2	1989	29.9	856.0
1954	16.5	682.3	1972	22.5	933.6	1990	38.2	874.8
1955	16.6	690.1	1973	23.2	958.0	1991	45.6	863.6
1956	17.7	733.5	1974	23.6	977.2	1992	53.1	832.1
1957	18.1	750.1	1975	22.8	943.8	1993	63.1	815.9
1958	17.2	714.9	1976	22.5	930.7	1994	81.0	812.4
1959	16.7	690.4	1977	22.6	934.7	1995	102.5	797.2
1960	16.6	689.4	1978	23.4	971.4	1996	124.9	786.1
1961	16.3	677.0	1979	24.8	1,023.4	1997	150.7	820.3
1962	16.2	671.3	1980	25.3	1,046.9	1998	164.3	848.5
1963	16.2	669.3	1981	25.3	1,052.0	1999	182.7	896.0
1964	16.6	689.5	1982	25.3	1,046.5	2000	212.1	938.1
1965	17.3	717.9	1983	23.8	986.5	2001	228.0	966.0
1966	18.3	755.1	1984	22.4	931.0	2002	210.8	882.9
1967	19.0	787.5	1985	21.6	899.1	2003 p	205.7	826.3
1968	19.2	793.2	1986	20.7	862.7			

p - preliminary data for March 2003.

¹ Due to Bell operating company employee strikes in 1983, 1986, and 1989, which lasted one month each, the reported annual average number of workers for those particular years is an average of the eleven months in which workers did not strike.
Source: Bureau of Labor Statistics.

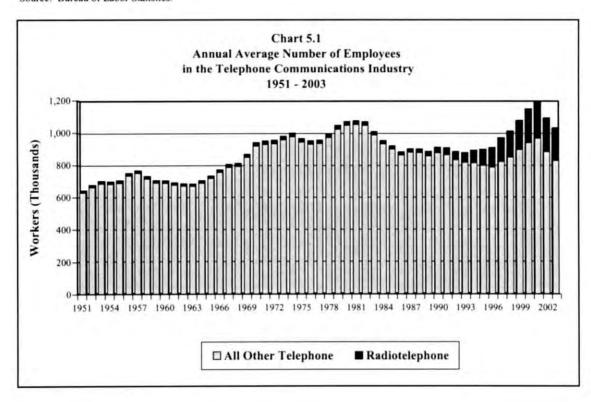
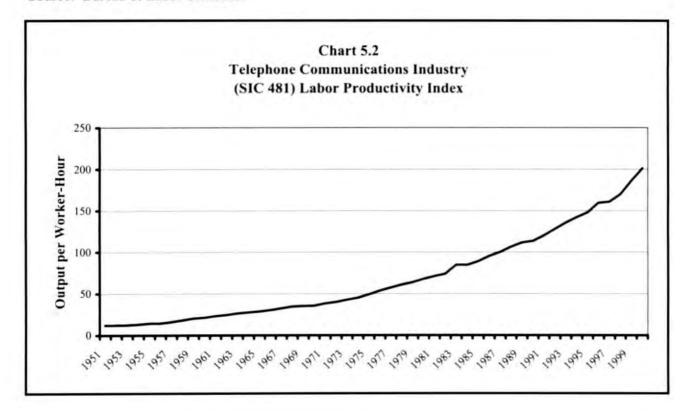


Table 5.2
Labor Productivity Index for the Telephone Communications
Industry Measured in Output per Hour (OPH)
(Base Year 1987=100)

Year	OPH Index	Year	OPH Index	Year	OPH Index
1951	12.0	1968	34.7	1985	88.9
1952	12.4	1969	35.3	1986	95.0
1953	12.6	1970	35.6	1987	100.0
1954	13.2	1971	38.3	1988	106.2
1955	14.3	1972	40.1	1989	111.6
1956	14.6	1973	42.7	1990	113.3
1957	16.1	1974	45.0	1991	119.8
1958	18.2	1975	49.3	1992	127.7
1959	20.3	1976	53.6	1993	135.5
1960	21.4	1977	57.3	1994	142.2
1961	23.3	1978	60.6	1995	148.1
1962	24.8	1979	63.5	1996	159.5
1963	26.6	1980	67.6	1997	160.9
1964	27.8	1981	71.1	1998	170.1
1965	28.9	1982	73.8	1999	186.3
1966	30.3	1983	84.6	2000	201.3
1967	32.6	1984	84.5		

Source: Bureau of Labor Statistics.



BEFORE THE

PUBLIC UTILITY COMMISSION OF OHIO

In the matter of the Review of SBC Ohio's)	
TELRIC Costs for Unbundled Network)	Case No. 02-1280-TP-UNC
Elements)	
)	

TESTIMONY OF

MICHAEL STARKEY

EXHIBIT ___ (MS-16)

SBC's Fill Study Adjusted for Inefficiencies

This Exhibit is Considered Confidential Pursuant to the Protective Order in Case No. 02-1280-TP-UNC – Filed Under Seal. It is Available Only in the Confidential Version of this Filing

Exhibit MS-16

Page 1 of 34

Testimony of Michael Starkey PUCO case No. 02-1280-TP-UNC

Fills Adjusted for Inefficiencies 0.7533 0.4022 0.5121 0.3893 SBC Proposal DLC Plug-in Distribution

	SBC Proposal	Statewide Fills Adjusted for Inefficiencies	Efficiency Adjustment as a Multiplier	Zone Fills Adjusted for Inefficiencies
			Ratio: State Adj Fills / SBC fills	
			To be aplied to	
Zone B				
	Current Fill			
Copper Feeder	0.4874			0.6222
DLC Chassis	0.3110			0.5026
DLC Plug-in	0.4639			0.6823
Distribution	0.3185			0.4912
Zone C				
	Current Fill			
Copper Feeder	0.6051			0.7725
DLC Chassis	0.3843			0.6209
DLC Plug-in	0.4773			0.7020
Distribution	0.3863			0.5958
Zone D				
	Current Fill			
Copper Feeder	0.6328			0.8079
DLC Chassis	0.4356			0.7039
DLC Plug-in	0.5518			0.8116
Distribution	0.4085			0.6300
Statewide				
	Current Fill			
Copper Feeder	0.5940	0.7584	1.2767	
DLC Chassis	0.4022	0.6498	1.6159	
DLC Plug-in	0.5121	0.7533	1.4708	
Distribution	0.3893	0.6004	1.5424	

1,00,000 1,00,000		Copper	Copper	F1 Copper	F1 Copper	T Per	Perhad	E Person	E Per	F1 Derived	Copper	Copper	Copper	Fn Copper
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No. Column Colu														
	2	CHALITS	2112,015		100	2,81,334	-	2		EC. 133	E	3,867,886		CHAIR
1,000 1,014 1,015 1,016 1,01	30.00	-	-	8	Occorni	-	Equipped	Parties.	3	-	Avelanda	1	3	December
No. 10. No.	8Z4copus	1.600	1.014	Ä	-	334	314	118			1,200	Sit	101	201
No. 1, 19	noon82	N N	17.472	2301	2,000	1130	2,822	185			51,478	13.36	2,880	18.010
1, 10, 10, 10, 10, 10, 10, 10, 10, 10,	aboh64	2.404	28	ñ	2	1361	192	1	H)		5	100	187	2.580
No.	skon52	NO CK		100		Ä	E.	ğ	Ř á		8.63		a a	43.500
1,000 1,00	Bron23	X.556	18,020	2.38	1,573	1	2772	ž	2		78.362	19.873	279	26.90
1,24, 1,11 1, 11	STrioning	28,000	16.680	-	- 80	20.434	10.629				00,100	18,871	3.442	81.8.05
1,000 1,00	ev40492	1230	ā	E	1	20	20	E	•	1	* 380	ä	2	2,388
1, 10, 10, 10, 10, 10, 10, 10, 10, 10,	DAILY	0.600	1300	H :	6	1340	278	3	8 1	5 1	23.450	9	2 :	916.01
100 100	DON'S		1.3	2 5		1			2 1		-			1
1,000 1,00	honh 16	100			136	8					2 800	P		183
1,007 1,00	prof42	10,100	1,002	77.0	1.577	2,599	1,838	1		210	20.285	3,376	8	10.578
1,227 1,234 1,255 1,250 1,25	nbgot43	1,807	8	1	27	To the	Ä		*	31	4.800	1		3.188
12 12 12 12 12 12 12 12	100744	180	174	2 !	1.108	2 152	2,903	90		9 1	10,375	3,047	8 5	3790
12 12 12 12 12 12 12 12	trong2	13.221	****	178	1,256	1200	2.80	1 2	9 0	1 140	200	15.8	100	6.312
1,500 1,50	toon63	8.333	1,291	R	E	1.988	2320	-	3	1630	18,425	1504	×	11.896
100 100	VION2	5.450	2,983	B	1,027	1,843	H .	Ē	t	818	2.68		*	181
1,000 1,00	Pacobala	3000		8 2	SE I	9 :	¥ :	a :			78	8	×	3,036
11.00 1.171 12.00 12.01 12.00 12.0	dropas	1 000	1	1 3	9			2 5			360	162	2	350
1,100 1,10	WIDN'S	3.150	1.47	R	272	128	8	8			3,500	ā	3	1875
1.50	Moh24	11,200	1773	828	***	1,584	2.074	108		1.400	34.460	7.458	1130	0.502
17.00 17.0	9CVc6s	1.850	1,038	8	414	83	630	•	*	100	1,800	5	*	DAT .
1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,	Drich46	676		8	1 485				£ .	1	13.801	3,866		2305
13 13 13 13 13 13 13 13	MOONUZ.	12.075		9 1	872		2 1	200	2 1	1 5	200	10 100	9 3	24.670
17.50 17.5	month?	200	5 1		9 5		9 :	ž .		2 0		-		CON
No.	describe	20.00	W. 10.00	0.000	200	20.00	10.00	1.000			TARRY	20.00	98.4	20,603
1,500 101 105 101 10	Takon 53	NO ROS	12.665	2.827	7.965	12.674	28.87	18.862	1,566		162.300	1	4,887	52753
1,500 10	584x8q	(300		8		9	3	R			1,190	-	113	Ř
12.54 Will Line	MCHODY.	400	17	5	1	75	75	2			178	100	44	*
	rioh75	1234	N	133	1.073	2715	1,883	101		N.	11,800	1,53	1	7.870
	Borella	460	2.537	ā	18	P	ğ	N.	ĸ	H		2,880	290	7.7
13 14 15 15 15 15 15 15 15	another.	14.538	10.522	Į,	1,013	1962	273	1,501	n	200	N.M.	130	100	84848
1,500 1,50	4poh02	開発	842	2.012	2 866	15,362		3.786	5	8.77s	1000	11.881	2,406	22.430
1,12 1,12	nronz8	1,300	ā	2	Ä	ş.	8				3.173	5	8	2.78
2.000 1.45	Pych48	4.575	130	×	2.301	8	437	E	*	9	. 42		£	2.388
3,145 1,486 145	mon82	730	1479	8			å	•		9		1.58	ń	1001
2.500 (1877) 120 (1875	World /	200		9			1	1011					g :	188
No. of the control	TWO THE	1	1		6 1	1				1 1		1		1
13 14 15 15 15 15 15 15 15	C / LOOK	-		1		1	1				-	-		200
\$1.574 3.488 (0.1) 250 772 150 54 4 40 0.300 2.000 307 200 300 300 300 300 300 300 300 300 300	droh89	20.00	17.801	3.000	2 174	17.867	12 648	4.077		108	00.830	21.316		31 827
22,000 0.004 2.002 7.217 8.257 0.100 4.238 771, 2.300 37844 9.450 2.007 4.400 1.404 0.4 0.4 1.40 1.40 0.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1	trohits	8.374	3.408		358	712	100	3	•	9	9 300	7.600	in .	3340
														N. V. S.
6.300 1480 178 600 177 870 178 838	WITH THE	22 688	1001	2.063	7.347	\$ 067	8.108	4.728	778	2.86	17.854	9.450	2387	12.454

Contains SBC Confidential Data Eantot MS-16, sheef "Analysis Best WC"

Contains SBC Confidential Data

	F 5000	E 000	F 5000	E 5000	T 90	F Destreed	- P	T PO	F1 Derived	Copper	Copper	F. Copper	Fn Copper
DON COUNT													
12	110,638	481,783		6 8	228.887	5 5	50.628		27.173 No. 200	5 CH (CE)	362.178		314.208
189		13860		A	147178	-	438.254		472.996		1.488.213		2,686,391
20	Human	111500		i	at the	***	1		10.00	W. W.			4000
₩.au	Avelable	Water	8	1	1	Coulter	1	3	Unamed	-	No.	3	(Jecondary)
mrfyoh63	13.848	8.522	808	100	50.00	3.186	280		*	200	SPC'U	909	NEW CY
methol/46	1380	1	101	2 3	5 5	312	17.0		8 9	4.500	3 3	8 9	2,998
mainoh02	M.718	27.416	4,973	* 960	23.438	12.27	180	10	8.670	117,443	30.487	4.962	20.410
mycych76	5 1	2 5	*	R E	2	0.8	14 000	9	700 11	213.18	-	7.	1
oftenor96	2480			8	1,000	ā	270		2	8008	2.117	ā	5
rehidon49	1,128	874	E	1	3	¥	2		8	1,000	441	17	
nimones	28.180	1,43	1723	5	10.74	1416	1	E :	180	10,450	N NE	1108	1000
niemothic 3	100			i E	1			9 9	3	7.181	1.00	· R	3414
nlimonS4	8.8.18	977		-		2.270	1.450	2	2540	8.950	1,073	479	3.04
nivioh75	6,000	3,090	91.0	446	1274	2.180	1.462	H	8	16.512	* 040	5	553
netroh23	21,089	12,803	1,300	1	10.042	14.773	8.178	780	15.83	100,850	20.032	1 382	53.374
nrwcoh87	1,450	200		9 9	2 5	3 2	1 1	13	a E	2 180	9 9	9 10	
Twalch85	10.839	107	ū	2.871	35.794	15.148	1.865	173	13.87	85,625	11.78	578	43.328
Вмотом	8,210	3,622	Ä	27	3,080	277	100	9	2	22.175	3,890		13,450
Tachort M			2 %	2.008		1018	2 82		1 5	14.14	1	R	2
remion54	4300	9,57	Ā	870	Ŀ		Ř	R	314	3.880	1.878	E.	2,063
memboh 86	2.131	101	X	¥	ž.	8	4	×	*	K187	i	1	128
Twptohat7	180	2	9	2	8		8	0	P	5	R		2,840
remones.	W 500	14.180	2,862	2 138	28.136	11.12		100	197	114.300	23.603	4004	51.544
Twwtoh45	2.360	1278	100	MZ	1.504	3	12	2	7.	4.080	1 137	245	1.513
offich23	10.878	5,742	603	1 752	10.80	8.230	4.636	×	-	38.150	17.	5	18,827
69uoutio	44.02M	N 74	3.675	2.867	92	2.90	-		178	102.084	23,222	127	43,000
patrong/	100	5		S	131		N.		9 1	1230			,
i donne	18.87	2 1				100	1 10	1	1			100	200
Tanapa 75	10,790	1622	115	3		2.450	1313	*	1	38,000	8.098	181	7 822
proport14	17.738	11.342	136		107.00	5	10.0	3	3.00	52.562	15,045	1,700	34,606
progohes	17.127	10.674	1.975	XXX	8.00	2485	2.784	340	8	40.00	10.90	153	18, 1029
pringoh47	21.385	15.380	25	8	3.160		733	*	1,880	90,000	14,542	2,506	N. N.
ptchoh28	900	63	2	n		00	N.		8	200	101	R	
TOWN TOWN	2.800	100		8 1	9	8	183		2.1	1,000	100	1	181
ADDON'S	1	272	1 5	1 7	780	27.6			2 5	2 800	3		007
mber 10	1000	1		1			100	•		8 100	1	3	3311
reviole59	1878	OK.	-	3	3	100	278	•	R	1,860	5	**	1717
rthwoh 12	. 300	11878	E	812	2	242	8	-	1,017	16.250	3.400	8	08/01
TUVIOR53	0.78	5	100	1	1,120	123	\$117	•	130	1,730	616	2	2.000
nemona2	21,800	14.362	1871	17.7	7 883	4,855	2.004	413	1430	44,316	12.296	1	17 380
saimoh33	14.238	11,348	1001	2.074	8.168	2317	-	8	1.417	28.801	1.945	1,000	12.629
Mayloh67	1.578	1,000	7	080	3	ă.	133		3		9 1	8	8
sprogon83	1.000	147	A	63	4	8		•	9 1	8.578	280	380	2,012
85vioh25	10.00	1903		2 1		200	1		1		9 90	2 2	
SENON-CE	10.00			i		-	4.4.0						
2/40000	10 909	- 400	-					,		28.815	7 861		12.780

	Copper	Copper	Copper	Copper	E Page	F1 Derived	Z P	T Police	F1 Derived	Copper	Copper	Copper	Fn Copper
COUNT		- 1								_			
75	1,112,638			100.00	123.86	4 5	1 5		N 100	_			10.00
189	IN IN	138813		1	1,471.78	6	7 5		477.988	177.40	1,488,313		2 500.30
250	1,841,223	2116.013		*15.800	2,812.54		28.18		20.2	11.00.30	3,607,000		40.00
MC GL	Avelant	Barton	8	-	-	Paristee	-	2	- Constitution	Available	No.	ž	-
Egypton 88	11,790	1.58	760	2346	100	443	2.438	8	27.	21.73	8120	ij	1,251
sdioh87	8	374	H	2	8	~ ;	- 1	via S	2 1	1	1		-
Magron/a	100	9 8	8 8		8 9	1 9	g P		9 1			9 2	008
MgWoh23	27.807	17.807	1.631	2.80	20.00	14,082	1.30	40	a 780	100,800	23.434	1369	174.84
Sthemon 39	178	1961	613	1	f.	2	3	•	•	1,860	*	0	Ñ
americh 74	2 880	177	00	*	8	957	1	* 1	E i	0.410	2.20	ž :	6,063
7 CHORDES	20,000	1	1	2 2	21.00			1 5	1		10.00	280	200
without?	CAN	20.800	1 1	1.80	22,310	0.75	134		13.03	CHAR	20.00	1881	C3 (C)
spfdoh39	28.140	13.48	27.38	1,286	20.630	1,283	***	7	14.453	74.400	16.750	3.466	1
spriloh37	9,028	2.362	40	120	ě	1.000	22	•	8	8.875	2.588	234	2.706
Spryones seiner 88	1,900	100	S 1	R 1	5 3	5 3	8		. 1	2.13	3	140	2
altroch62		100	1 3	1	****		2.540		-	24.228	1,340	9001	2.473
svinoh56	2,300	1 186	Dis.	10	620	80	214	=	9	2 960	H	210	1 100
tfinohea	20.03	13.451	1,813		433	150	2.134		Ē	46,800	13.784	3,896	15.354
thyloh24	9			3.661	9 9	1	940	= 1		47.860		2 100	20.00
torooh53	1,206	1,860	1	1.875	100	1	*13	9	*	10.587	3,773	182	3.672
troyon96	1,000	374	8	E	D	D)	2		2	800	A	Di .	108
Penoned Behoved	0.800		ñ	22	812	718	5	2 1	2	18.375	£73	E I	8.790
umvion92	11.00	122		3 !	2,12	3	2 1	4.1	4 1	31,000		8 1	200
untwork?9	10,800	100	1		1 100		9 3	. 10		17 756	130	1	8.780
vritnoh38	3,014	100	9	18		8	E		3	6.130	100		4,382
wachor33	17.387	18,381	100	1,475	4,883	1.185			36	36.996		247	17.583
whitechill.	1822	1257	317			*	R	12		1,277	2720	900	3,143
wjsnohii7	6218	2.508	1	3.32	8148	N.		s	i,	18,975	3100	S.	10 50
willyohise	200	2.761	Ri	8 1	15	2 1	8 5	п 1	¥ ;		278	1 1	
- Constant			1 8		1 2			9	E.		8	5	2278
woldoh47	1.00	200	55	310	1639	1372	2	=	ā	4,111	127	*	1 786
Menioh37	100	18.181	2.428	1,913	4,80	1,00,1	1720	*		61,310	13.40	2.812	10.7.00
92 yodsek	620	180	316	1,073	1,500	188	6	10		15.250	171	3.	2,748
Without 79	42.813	38,710	4.162	4418	27.583	12,602	7,002	633		M. 780	27.967	100	21.511
Emmnoh42	25.888	13.40		3,414	51.973	ZZ OK	19.740	238		137,380	28.538	6,470	292.09
ZHAIOMEZ	1	71.180	2007	1 300	A SEC	18.304	13,710	1	I	M 600	10.00	****	1000
SALTICOLIA S	20.100	200				2700	1			20.00	10.00	1647	22 817
akmon86	44.800	20.00		3373	21.065	10.946	4.582	-	200.2	W.234	27.046	95	13.864
bcwdoh46	58.185	22,882	4.215	13.565	41.838	28.423	11,703	1,300	12.362	81.947	23,319	3118	5 11
berech23	36.647	22.041	2,865	1,623	20,812	127.01	1.574	NO.	A.218	87.515	22 384	1,229	31,548
54pkoh26	44.72	22,701	136	4423	22.822	16,298	1,034	318	8 MIS	74.800	17.800	2236	22 70K
Dkpkon97	3,600	R			1	****	3	-	1	1	-		-
Chevolica		THE PARTY OF	136	10.000	1000	1,077	3.40	. 5	NA.		1 1	. 180	24.964
charachilità	200	21.413	1,763	4.940	6.00	3.036	E	5	1338	108,375	13.67	6.215	24.539
Charles	-												
devoh74	77.48	M.574	4274	10.644	22.78	14.74	69	1	12.30	127 440	38.317	\$773	MAN.

	ī	-	- 2	1		Ξ	ī	-					
	Copper	Copper	Copper	Copper	Derived	Derived	Derived	2	Deviced L	Copper	Copper	Соррег	ddo
B 12	1112638	681.780		10.60	228.887	2	83.85		27 173	1,137,389	362.175		314.206
49		1296.809		20.540	1,292,683	-	X1.301		300 300		*		1815.56
189		138811		¥	147178	ş	282		A72.98	1,773,403			2,566,397
TATE 250	CMLESS	2,116,015		100,014	2,903.54	1,636,680			20.00	12,884,345	3,047,886		4545
WC, QLLI	-	Morting	ž	-	-	Equipped	Months	3	Uncorrected	Available	Monthly	3	December
dmboh26	64.630	37.036	8.151	MT.	14,535	1380	1381	5	1,421	SE 476	27.034	191.4	NO. (NC
dmboh27	10.00	31,173	6.686	7.344	25.775	24,777	13.540	1848	1111	•	34.502	6757	150 M
dmboh29	18.924	25.0	300	0.600	157	53.5	8 9	H .	2539	8 23	19,840		20.00
dmboh47	44.00	20.00	4.157	550	24,752	11.737	20,970	2175	24 th	189.460	41.50	136.8	72.857
clmboh86	78,867	40.744	8479	6.378	123.844	88.276	38.863	1981	13.574		8.80	14.867	148,302
chtmoh43	100	F 15	1220	3776	53.220 W 740	24.10	100	2,836	16,082	10.03	20.00	91.11	N. S.
(Elroh89	98.360	200	7	1.00	108.804	88.60	38.90	2.860	11.87	278.204	M.5.10	100	100 801
dytroh25	\$0.08e	X 822	9 500	利し	28.673	14,954	5,028	80	7,159	101.53	28.80	7.975	27 768
dytroh26	28.500	12.017	4.23	2.641	153	1340	2772	XX	1,574		8.774	3,030	365.31
dytroh27	57,190	12043	196	3348	N. St.	4 852	128	3 :	272	96.853	23.815		27.72
ecidoh73	64.376	20.00	N.	3,090	21.415	171		Į.	8 583	117.386	20.00	5	SASAS.
indpoh52	25,875	15,831	3.3%	5.75	100	22.22	6111	8	12 962	66.373	14.438	-	27.933
эдиориды	88 85	37.076	573	33.6	10.023		2,423	N I	1016	100,800	20 00	1	in in
noimoh77	25,830	21.807	2.40	1.460	10.618	1	100	1	3817	2415	22.234	120	111.08
parmoh88	78.864	8,463	7,937	7,813	34.740	11,896	1.000	800	**	146,360	4.16	7,015	46.833
rkrvoh33	38.86	24.424	3.32	1,648	5	1,588	830	B.	2227	54.675	17.863	2,916	15.829
Section38	17.528	24.762	2427	2.381	100		2,947	4	1,283	8	22.28	2914	27.72
stoworts	19,456	11.801	828	2.016	1000	200.0	2 2 2 2	Ř.	2,862	00 TO	0.573	2 2	87.878
POGON38	37,038	27.22	4.018	178		1 35		238	689	100	22.72	1.40	100 tz
DANDONS	28,350	16,477	2007	1,056	100	8	122	10	1,186	56.363	15.33	3,877	14.572
koldoh47	52.638	21.677	\$571	4.062	13,485	3,960	180	310	-	8	X1.877	9790	23.998
toldoh53	46.019	23.480	7	3.40	M 78	1 300	4.705	712	11,886		28.807	10 343	Z .
Koldoh72	28,200	0.00	2862	1,000	4	100	7.00		1,042	21 100	14.30	5.112	2.00
Sandragu.	200	W 460	3	1	20.734	14.830	4 900	900	4.038		18.80	1.80	AU W.
wevion88	70.00	37.407	\$ 123	9 038	M. 548	500 935	30.829	1129	1472		38.980	10.430	22 M.22
Mghoh94	46.499	27.854	.78	3.750	0.30	19 749	11.136	8	18,185	1M.068	38,139	1 580	081 49
wotnon88	83,770	40 BOK	7.319	10,284	M.298	102.29	28.056	428	14.004	241,205	87.078	10,866	587.40
wellkon87	30.166	24.802	17.	12.00	20.75	15,620	5,636	908	13.168	101 369	28.82	280	18.78
printerior 78	21.740	18.30	1,000	7 010			200	7			14.867		NO THE
akmoh25	96,040	41.460	14,013	27.0	21200	13.538	5.710	×	5.401	124.825	23.950	1808	32.946
devoh42	99.346	1	9.30	6.033	14,640	8 158	4,839	113	2004	20.70	28,83	8,250	23.802
devohi3	56.800	21.956	8.816	8.800	10.784	3,790	1,627	ā	2.539		16.217	8,123	23.598
devotes	52,100	N0.905	10.634	283	2536	1362	1	n j	P.		20.00	7837	183
Devonto	208.220		18.025	1 300	2.00	2000			2 104	01 778	34 909	200	Sec. of
cheath	21.790	34.617	2867	\$ 734		282	188	101	1.808	90 400	23.380	4.130	909.95
dmboh11	178.379	71.867	10.978	22.22	54.675	41,250	17.816	1 101	7.104	100.119	13.181	5240	X 463
dytroh22	102.136	34.490	11.471	0.530	11271	1.872	2.580	Ř	2347	F 100	0.415	4.584	23,206
Rowdoh52	20.00	31.40	123	2.004	4.664	8,900	2.843	Z.	178	73.173	N	100.6	15,627

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Compare Character Characte			USABI	ECAPA	VIII		*	DEFECTIV			RANK	of % DEFE	CTIVE	EFFICE	COUNT	CTIVE
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Compare Comp	189	0	40%	187	199	Average % Det in Best WC	3395	45%	2.63	Total # of Wi Lowest Hank of Selected			215			
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County																
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Class Clas											E	9	9			
Court	2	1	\$343.7W	2,004,233	7,886,151								Γ			
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1,100 1,10	hydre3		11.354	181	12,408		70%	25.0	33%		185	121	226	465	471 0	305
Column C	BON37		27.800	1,500	38.752		9 8 9	4.1%	34%		135	8	223	797	* \$	978
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1,000 1,100 1,00	wcone,		1100	0.00	100		8.1%	0.00	43%		215	235	202	113	9 0	76
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1,10, 1,20, 1,00	@Mond		5.478	2.781	£7.5		4	4	4.6%		179	193	181	186	13	215
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1,545 1,547 1,54	mich54		8	0	1387		60	\$7.8	10.3%		105	21	×	123	2	88
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Column C	AMEDINAS		2,115	900	2537		8.3%	11.8%	87.6		12	2	22	72	2	62
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State Colored Paris, State	TT40M		17.03%	8.792	N 10		8.4%	375	6.5%		146	105	144	878	90	869
Harding 12586 1727	WORDS		38.837	22.516	20.00		8.5%	41.	5.5%		2 1	108	171	1317	101	1886
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1,000 1,00	BL WANTED			9	2.00		4.5%	20.0	20%		274	235	183	88	0	69
1.00 1.00	4oh69		2.000	83	2,143		4.0%	13%	3.5%		243	198	122	68		53
1,500 1,50	MONTE	_	4,500	3,341	7.890		10.8%	2.9%	7.4%	_	8	128	118	227	15	189
1,100 1,10	April 53		1,500	ł	1,350		107	0			Z ;	727	189	X :	* 5	2
1,000	mond2		21,038	6.963	11.20		8.8%	202	47.4		201	137	140	23	3.5	420
4.471 pt 1500 60 178 150 0	IMON33	_	. 860	R	1,000		10.34	11.8%	***		8	-	2	2	-	38
25 11 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	nachili3	_	4.671	I	1,963		6.8%	43%	5.2%		961	8	178	152	0	186
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1.00 te ter 10 10 th 11 th 11 th 112 th 112 th 12	sdoh72		9 860	2.858	H 523		27.5	1.0%	5.4%		522	168	172	336	2	394
	monte		1.00	3	1487		10.0%	304	100		2	112	18	79	-	37

PUCO case No 02-1280-TP-UNC Testimony of Michael Stanley Exhibit MS-16 Page 11 of 34

BEST WIRE	Copper DLC DLC Plug Distribution	State 76% 64.96% 65.21% 51.96%	n 7174% 57.96% 75.33% 48.65%	\$7.08%	D 79.18% 78.98% 70.78% 57.71%		ADJUSTMENT FOR SHORT-TERM FLUCTUATIONS	Copper DLC DLC Plug Copper	-1	State no data no data 75.33% 60 D4%	B no data no data 88.97%, 57.45%	no data 77.38%	VIDE FINAL DESIG TS	Copper DLC DLC Plug Distribution	Feeder Chassis	State Next Applicable (Zone filts are calculated on	C street Yearl Adjustments' as actual zone filts	O tenes the statewate multipliery																											
STRATIFIED SELECTION OF BEST WIRE CENTERS								Copper	Distribution	fis Coppe		+					,					_						_							-		,								
BEST WIRE							cted	001		-																																			
- Carrier	n	+	,	200			"1" If Selected		.	P1 Darton																-									-										
I KATIFIED SE	Selected			00					Feeder	#1 Capper			*																	•															
	ONES	Copper								Pa Coppe	Ж.	a	85		120	74	187	06	90	145	9 9	3	2 4	102	0 4	147	165	F1 60	8	9 5	1 **	168	88	124	125	117	105	1 60 11	8	7 12	107	23	4 50	161	
A LIFTS MILLIAN	RANK OF WIRE CENTERS BY FILLS WITHIN ZONES	DLC Plug in Dist								P1 Decreed Pt	155	8	55 1		2	118	27	E 3	183	165	32 23	92	130	18	178	176	8	¥ 5	137	19	1	159	1	150	38 ^	. 1	109	111	157	- 5	S.	37	08	15	
N CHI ENIO	CENTERS B	Change Di								1	11.	2	33	1	163	74	97	22	63	180	n	85	9 2	2	185	168	2	3. 3.	2	140	8	E	1 3	2	113	106	110	184	162	A.5	152	8 ?	138	31	
TINAL SELECTION CREEKION: PILLS MITHIN CONES	RANK OF WIRE	Copper								T Compa	21	117			# 1	9 9	я	3 2	al .	871	50	1	RQ	16	136 136	9 9	183	101	111	8 *	a	E		7.4	188		2.5	200	3	2.8	121	21	2 8	174	
		Copper								404	51.6%	59.4%	51.8%		****	1000	1 5 B	2000	46.5%	42.0%	100	42.24	42 74 50 674	45.5%	\$1 0S	41.0%	26.4%	50.0% 48.6%	46 1%	20 45	1 2 2	30.0%	\$1.8¥	43.7%	435%	47.4	453%	415%	\$0.0%	56.5%	4254	26.25	2 2	39.5%	
ON DEFECTION	T DEFECTIVE	DLC Plug in Di								P. Darran	37.8%	12.08	25 M		40.8%	2 8	67.3%	81.54	5.8%	3073	86 1%	53.8%	50 9% 46 7%	58.89	13.4%	14.0%	27	7 75	43 63	* 6	365	25 % S	42.4%	40.4%	2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$5.1%	51.6%	14.0%	37.8%	200	48.99	\$2.58	20.00	47.00	
ALDUST MENT OF FILLS FOR DEFECTIVE	FILLS WITH EFFICIENT DEFECTIVE	DLC Chassis D								P1 Carrad	202	80 74 AT 88	448		11.74	1 1 1 1	62 3%	6.6	\$6.08	200	200	\$1.08	50 35°	50.3%	11.12	200	50.1%	24.5	33.1%	104	\$0.0%	20.00	57.4%	75.4%	484	17.73	46 8%	200	20.25	66	37.8%	40.3%	161	A5 50	
ADDUST	FILLS	Copper								-	19 69	98.5%	82.75		28	6 6	74.37	6 6	82.1%	62.94	282	73.7%	22.	68.7%	K.	61.54	20 10	25.50	67.4%	72.3%	72.4%	2 8 8	80.5%	707	46.7% BE 4%	12	16 BS	62 6%	72.3%	K 10 %	8	1.8	74.5%	8	
			200000	Zone COUNT		168			STATE 256	1 K 04	D abrach79	D arabové4				D beworld2	-				D britgohas		D brhonk?			D catrohas		D change		D critich02			0 chachts					D danhonze	VC.	D deflored?		D dytroh23	D extrachés		

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125. 12 | 25 5% 50 8% 44 7% 112 112 123 | 55 5% 56 8% 44 7% 112 112 123 | 55 5% 50 8% 44.7% 112. 112. 123. 123. 123. 124. | 10 10 10 10 10 10 10 10 | 10 10 10 10 10 10 10 10
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Contains SBC Confidential Data

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FILLS WITH EF	FILLS WITH EFFICIENT DEFECTIVE	IVE	RANK OF W	WRE CENTERS	RANK OF WIRE CENTERS BY FILLS WITHIN ZONES	HIN ZONES	Total WCs Selected	n				Copper	Change	DLC Plug	Copper
Copper DLC Chessis	is OLC Plug in	Copper	Copper	Change	DLC Plug in	Copper		-			State	76%	K 98.7	65.21%	51 99%
							u	in			00	71.74%	57.96%	75.33%	48 65%
							a	18			Ue	74.45%	50.84% 78.98%	57.08%	46 B79
								"1" if Selected	lected:		Abust	ADJUSTMENT FOR SHORT-TERM FLUCTUATIONS	SHORT-TER	# FLUCTU	TION
							Copper	Obsession	DLC Plug	Copper		Copper	Channia	DLC Plug Copper In Distributi	Coppe
F1 Copper F1 Derfred	Ft Darbred	Ph Capper	F1 Capper	1	1	Pr Cappe	31.0	P1 Derhand	P. Danner	Fa Cappe	State	no deta	no data	75.33%	50 D4%
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	AUJUS	IMENI OF FILL	ADJUSTMENT OF FILLS FOR DEFECTIVE	INE	FINAL SELECTION CRITERION: FILLS WITHIN ZONES	TION CRITER	ON: FRES TITLE	2007	2	SELECTION	STRATIFIED SELECTION OF BEST WIRE CENTERS	SE CENTERS		FILLS OF BEST WIRE CENTERS	DESI MINE	CENTERS	
	FILL	FILLS WITH EFFICIENT DEFECTIVE	ENT DEFECTIVE	ш.	RANK OF W	TRE CENTERS	RANK OF WIRE CENTERS BY FILLS WITHIN ZONES	IN ZONES	Total WCs Selected	R				Copper	Change	DLC Plug Copper In Distributi	Coppe
	Copper	DLC Chassis	DLC Plug in	Copper	Copper	DIC	DLC Plug In	Copper		-			State	7.97	54.98%	65.21%	51.997
									U	4			m	71.74%	87.96%	75.33%	48.65%
- C2 - S7 - S									a	E.			up	74.45%	78.98%	57.08% 70.76%	57.71%
0										1-118	1" if Selected:		ADJUST	MENT FOR S	ADJUSTMENT FOR SHORT-TERM FLUCTUATIONS	W FLUCTU	ATION
ž									Capper	Oversis	DLC Plug	Copper		Copper	DIC	DLC Plug Distribution	Copp
* au	P1 Cappe	-	T David	Po Cape	P1 Cappe	the second of	T Desired	Prom.	#1 Came	T Desired	1	7 Care	State	ne deta	no data	75.33%	8 W.Y
soverifity unionity	67.78 27.78	48.8%	25 0% 20 0%	410%	106	103	28 22	153									
Mggwoh74	74.0%	E 28			*		9	38									
agtron/82	20 94	79.57		2 2 2	114	9 901	6 8	118									
Denoting 1	727	81 1%			47		16	10				+					
amrtion74	2.9	28.28			21	59	8	47									
andsoh62 soleon34	22.00	28.0%		480%	9 2		136	166									
sphon32	86 78	40 4%		42.0%	123		101	146									
spfdor39	10 10	200	480%	46.3%	300		126	92									
spriton37	8 2	25.20		2000	3	7	142	43									
moh88	87.5%				108		186										
boor62	21	48.3%		45.0%	115	86	09	109									
8 4	73.4%	28.82	20.05	4	-		89	2									
woh24	\$1.88	2000		X	12		sn i	21			-						
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Behover	87.78	42.6%		72	103		172	-				+					
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ritechilis	74.6%	16 PC			i n		171	108									
52 young	67.9%	2. 22			101		85	83									
renot/36	78.3%	200		27.8%	12		2 3	120									
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MANON PROPERTY.	83 E8	20.2%			Ä		46	\$ 5									
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W	200	42 04															

- 1				FINAL SELECTION CROTEROON PILLS WITHIN CONES	ייים בייים בייים	JOH. FILLS THE	un cones	Total WCs	SELECTION	TOTAL WC.	ECENTERS		Cooper	Cooper DLC DLC Plug	
ž.	4 EFFICIE	FILLS WITH EFFICIENT DEFECTIVE		RANK OF W	RE CENTERS	RANK OF WIRE CENTERS BY FILLS WITHIN ZONES	IN ZONES	Selected	ĸ				Feeder	Chassie	In Distributi
3	DLC Chassie	DLC Plug in	Copper	Copper	Cheese	DLC Plug In	Copper	80				State	76%	54.38%	65.21% S1.98%
								U	S			100	71.74%	57.96%	75.33%
								o	g _i			υo	74 45%	50 84% 78 98%	57.08%
									"1" if Selected	ected:		ADJUST	MENT FOR S	ADJUSTMENT FOR SHORT-TERM FLUCTUATIONS	FLUCTUA
								Copper	Change	DLC Plug	Copper		Copper	Chassis	DLC Plug Copper in on
	P1 Dentesd	F1 Gardeni	P. Cape	# Capp	P1 Darbard	F1 Darbare	Fin Copper	#1 Case	F1 Derived	P. Darton	Fin Copper	State	no data	no deta	75.33%
1	8 22	39.6%	42.2%	20	8	37	53								
	21.5%	27.3%	35.2%	0.4	4.5	45	9		-						
	8	Z i	41.5%	12	38	4:	27								
	45.75	8 8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 %	2 :	g e	44								
12	49.4%	\$2.5%	42.9%	R	10	10	18		-						
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73.5%	36.0%	44.3%	45.0%	-	27	92	06	-							
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r.	28 83	47.4%	45.7%	10	0*	23	477								
ž.	K.	42.4%	42.6%	8	8	2	21		9						
38	45 1%	40.3%	410%	2 2	4 0	35	16								
ž	36.5%	37.3%	40.4%	24	K	38	Z								
8%	43.8%	\$0.8%	40.1%	£ .	45	= '	35								
6 3	100	28.5	17.5%	2.9	44		77								
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ė.	14.8%	4034	28.0%	4:	9	E :	£ 5								
5 8	32.6%	42.54	28.1%	1	2	9	OK O	T							
K	\$1.55	75.3%	31.4%	9		-	4			-					
No.	48.61	42.8%	27.9%	100	12	1	10								
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* *	22.20	222	27.8%	-	-	Ξ,	= "								
	31.1%	423%	187	-		100	4 6								

Moseum	Feeder: with	Feeder: with	Feeder: with	Feeder: with	Feeder wlo	Feeder w/o	Feeder w
Medaule	Uncommitted	Uncommitted	Uncommitted	Uncommitted	Uncommitted	Uncommitted	Uncommit

1998 and 2003, Multiplier Change between

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	1997*	1998*	1999*	2000*	2001	2002	2003
Area B	Current Fill						
Copper Feeder	54.00%	53.50%	54.35%	52.65%	55.34%	51.55%	48.74%
DLC Chassis	36.48%	34.85%	33.55%	33.95%	34.59%	33.61%	31.10%
DLC Plug-in	56.34%	54.79%	52.48%	52.62%	51.38%	49.07%	46.39%
Distribution		37.61%	37.70%	37.35%	35.95%	33.56%	31.85%
Area C	Current Fill						
Copper Feeder	66.51%	%60.99	68.22%	67.31%	68.18%	64.10%	60.51%
DLC Chassis	44.66%	43.42%	41.80%	42.82%	43.86%	40.69%	38.43%
DLC Plug-in	61.06%	29.07%	56.82%	29.68%	55.73%	50.54%	47.73%
Distribution		45.87%	45.62%	44.72%	43.00%	40.66%	38.63%
Area D	Current Fill						
Copper Feeder	65.66%	65.56%	68.47%	67.64%	%69.69	66.01%	63.28%
DLC Chassis	44.62%	42.31%	40.98%	43.16%	47.31%	45.69%	43.56%
DLC Plug-in	62.04%	60.34%	58.03%	60.31%	59.85%	56.45%	55.18%
Distribution		45.93%	46.04%	45.46%	44.26%	42.43%	40.85%
Statewide	Current Fill						
Copper Feeder	63.73%	63.44%	65.71%	64.57%	%99	62.50%	29.40%
DLC Chassis	43.83%	42.05%	40.60%	42.13%	44.59%	42.39%	40.22%
DLC Plug-in	61.09%	59.27%	58.03%	29.36%	57.34%	53.27%	51.21%
Distribution		44.95%	44.92%	44.25%	42.81%	40.71%	38.93%

0.85 to Adjustment for Short-Term Fluctuations 0.81 to Adjustment for Short-Term Fluctuations 0.84 to Adjustment for Short-Term Fluctuations 0.85 to Adjustment for Short-Term Fluctuations no data for proper comparison
0.91 to Adjustment for Short-Term Fluctuations 0.89 to Adjustment for Short-Term Fluctuations to Adjustment for Short-Term Fluctuations no data for proper comparison

no data for proper comparison no data for proper comparison

to Adjustment for Short-Term Fluctuations 0.86 to Adjustment for Short-Term Fluctuations 0.87 to Adjustment for Short-Term Fluctuations

2001 - 2003 report data taken from LEIS WCStats program and calculated by the Cost Studies group Uncommitted facilities were not tracked and therefore not deducted from any Copper Feeder All numbers represent EOY data or January of next year (I.e. EOY 2003 vs Jan 2004) Available pairs or DLC pairs. The F2 or Distribution report did track Uncommitted so Report used for Fill Information 1997 - 2000 was a standard Midwest LEIS report the available pairs were adjusted to subtract the uncommitted distribution pairs .Notes:

Zone D	wc_culi abrdoh79	ExtractDate 03-jan-2004	YearMonth Type 200312 f1copper	5,903,223 Available 1600	Equipped 0	Assigned 1067	3,115,015 Working 1014	Other 53	Def 201	Spare 332	659.514 Uncommitted
D	alncoh82	04-jan-2004	200312 f1copper	30250	0	18128	17472	656	2901	9221	2886
D	araboh64	04-jan-2004	200312 f1copper	2401	0	929	839	90	235	1237	954
D	atwroh94	03-jan-2004	200312 f1copper	2860	0	2029	1980	49	296	535	276
D	bcvloh52	30-nov-2003	200312 f1copper	32026	0	17631	17189	442	1913	12482	4616
D	bdfroh23	31-dec-2003	200312 f1copper	30559	0	19685	19020	665	2381	8493	3373
D	bdmnoh75	520-dec-2003	200312 f1copper	28000	0	17195	16690	505	1684	9121	1854
D	bevloh92	31-dec-2003	200312 f1copper	2256	0	1046	971	75	75	1135	444
D	bibkoh84	03-jan-2004	200312 f1copper	6600	0	4503	4380	123	335	1762	571
D	blfsoh76	03-jan-2004	200312 f1copper	800	0	491	469	22	52	257	9
D	bliroh67	31-dec-2003	200312 f1copper	17422	0	7703	7308	395	1152	8567	4957
D	bingoh35	03-jan-2004	200312 (1copper	1035	0	745	736	9	34	256	135
D	blproh42	31-dec-2003	200312 (1copper	10100	0	5227	5052	175	779	4094	1577
D		331-dec-2003	200312 (1copper	1607	0	856	820	36	144	607	57
D	bridoh44	04-jan-2004	200312 f1copper 200312 f1copper	6801	0	4118 23156	3744 22278	374 878	725 4579	1958	1108
D	brtnoh74 brtnoh82	14-dec-2003 14-dec-2003	200312 f1copper	41025 13221	0	8676	8314	362	1235	3310	7103 1259
D	brtooh83	31-dec-2003	200312 11copper	5333	0	3408	3291	117	263	1662	725
D	brvioh42	04-jan-2004	200312 f1copper	5459	0	3168	2993	175	225	2066	1027
D	bthsoh48	31-dec-2003	200312 11copper	3000	0	1744	1666	78	105	1151	390
D		03-jan-2004	200312 f1copper	800	o o	513	501	12	34	253	103
D	catnoh45	31-dec-2003	200312 (1copper	1500	0	853	834	19	144	503	50
D	cdvloh76	03-jan-2004	200312 (1copper	3150	0	1545	1473	72	252	1353	212
D	chfloh24	31-dec-2003	200312 f1copper	11200	0	8040	7721	319	639	2521	416
D	chsgoh36		200312 (1copper	1850	0	1089	1038	51	128	633	177
D	clbnoh48	04-jan-2004	200312 f1copper	8710	0	5184	4637	547	589	2937	1485
D	cnfdoh02	03-jan-2004	200312 f1copper	12075	0	8421	7814	607	770	2884	872
D	cnfloh01	04-jan-2004	200312 (1copper	8025	0	6586	6215	371	514	925	125
D	cnsvoh82	31-dec-2003	200312 f1copper	1872	0	843	826	17	105	924	667
D	cntnoh45	31-dec-2003	200312 f1copper	92754	0	43864	41935	1929	9602	39288	14390
D	cnwioh83	31-dec-2003	200312 f1copper	30924	0	13522	12655	867	2927	14475	7955
D	crbgoh85	02-jan-2004	200312 f1copper	1200	0	902	878	24	150	148	0
D	cmgoh34	31-dec-2003	200312 f1copper	1434	0	895	862	33	68	471	194
D	cmloh75	31-dec-2003	200312 f1copper	3234	3	1089	982	107	133	2012	1073
D	cstloh68	04-jan-2004	200312 f1copper	4625	0	2621	2537	84	504	1500	1265
D	cstnoh62	31-dec-2003	200312 f1copper	16526	0	10990	10532	458	1251	4285	1013
D	cvtpoh02	06-dec-2003	200312 f1copper	20391	0	9845	9432	413	2012	8534	2855
D		10-dec-2003	200312 f1copper	1300	0	726	691	35	65	509	304
D	dffyoh48	07-dec-2003	200312 (1copper	4575	0	1340	1309	31	260	2975	2301
D	dltnoh82	03-jan-2004	200312 f1copper	2300	0	1725	1619	106	85	490	51
D	dnfloh67	13-dec-2003	200312 f1copper	3120	0	1584	1496	88 36	167	1369 598	806
D	dnvloh88	10-dec-2003	200312 (1copper	2150	0	1380 1953	1872	81	172	2054	250 824
D	drsdoh75 dytnoh23	31-dec-2003 04-jan-2004	200312 f1copper 200312 f1copper	4050 36645	0	22416	21533	883	3193	11036	3697
D	dytnoh89	24-dec-2003	200312 11copper	29095	0	18744	17601	1143	3097	7254	2174
D	ectnoh48	31-dec-2003	200312 11copper	5374	0	3475	3409	66	611	1288	358
D	elvroh38	04-jan-2004	200312 (1copper	22688	0	8547	8064	483	2082	12059	7217
D		10-dec-2003	200312 11copper	6300	0	3596	3465	131	374	2330	655
D	episoh42	03-jan-2004	200312 f1copper	6220	0	3624	3443	181	519	2077	443
D	fklnoh01	13-dec-2003	200312 f1copper	18325	0	11585	10978	607	2046	4694	583
D	flhmoh84	07-dec-2003	200312 f1copper	2000	0	804	788	16	37	1159	626
D	fitcoh99	13-dec-2003	200312 f1copper	1775	0	837	804	33	217	721	441
D	fndyoh42	14-dec-2003	200312 f1copper	43080	0	27264	26113	1151	2967	12849	4219
D	frbnoh87	10-dec-2003	200312 f1copper	26364	0	14339	13143	1196	2141	9884	3465
D	frmtoh33	14-dec-2003	200312 f1copper	22612	0	16727	15998	729	1595	4290	1250
D	fstaoh43	14-dec-2003	200312 f1copper	15125	0	9994	9628	366	1447	3684	807
D		14-dec-2003	200312 f1copper	15164	0	9767	9618	149	883	4514	1486
D	glfroh65	17-dec-2003	200312 f1copper	1200	0	654	638	16	44	502	210
D	glploh44	07-dec-2003	200312 f1copper	12996	0	6372	6118	254	953	5671	2534
D		31-dec-2003	200312 f1copper	10439	0	5455	5108	347	886	4098	1831
D		07-dec-2003	200312 f1copper	2450	0	1408	1341	67	143	899	407
D		07-dec-2003	200312 f1copper	30544	0	15661	14898	763	2495	12388	5211
D		07-dec-2003	200312 f1copper	858	0	514	417	97	49	295	78
D		20-dec-2003	200312 f1copper	10070	0	7046	6817	229	875	2149	502
D	hlbooh39	14-dec-2003	200312 [1copper	11400	0	7417	7028	389	565	3418	785
D	hlldoh11	13-dec-2003	200312 (1copper	32435	0	18762	17896	866	3761	9912	2110
D	hirdoh87	10-dec-2003	200312 f1copper	26666	0	14921	14080	841	2169	9576	3008
D	hrbgoh87	07-dec-2003	200312 f1copper	4720	0	2856	2731	125	808 880	1056	337 590
D	htvloh02	31-dec-2003	200312 f1copper	10258	0	7105 11026	6919 10369	186 657	1869	3955	828
D	irtnoh53 jfvloh42	10-dec-2003 10-dec-2003	200312 f1copper 200312 f1copper	16850 2400	0	1166	1086	80	140	1094	451
D	jmtwoh67		200312 11copper 200312 11copper	3900	0	1994	1882	112	363	1543	633
D	kentoh67	10-dec-2003	200312 11copper	43112	0	18589	17253	1336	3790	20733	7743
D	krldoh25	17-dec-2003	200312 (1copper	5400	0	3918	3818	100	347	1135	223
D	lckboh49	10-dec-2003	200312 (1copper	23202	0	11848	11407	441	3138	8216	4110
D	Ilvioh53	31-dec-2003	200312 f1copper	2945	0	1923	1870	53	292	730	164
D		10-dec-2003	200312 f1copper	37467	0	22931	21770		2503	12033	4285
-									- 22-5		

D Indohoffe 13-dec-2003 200312 (1copper 1948 0 5949 694 7010 D Indohoffs 51-dec-2003 200312 (1copper 1948 0 5949 695 7010 D Indohoffs 31-dec-2003 200312 (1copper 7905 0 4441 4272 169 667 288 611 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Zone	WC CLLI ExtractDate	YearMonth Type	Available	Equipped	Assigned	Working	Other	Def	Spare	Uncommitted
D IshorhAS 31-dec-2003 200312 (Incoper 2008) 0 14985 1403 582 2384 611 0 IshorhAS 31-dec-2003 200312 (Incoper 3065) 0 14985 1498 2031 217 0 IshorhAS 31-dec-2003 200312 (Incoper 3650 0 1813 1752 61 242 1750 0 IshorhAS 31-dec-2003 200312 (Incoper 3650 0 1813 1752 61 242 1750 0 IshorhAS 31-dec-2003 200312 (Incoper 3650 0 1813 1752 61 36 144 88 9 144 8	D	Indsoh66 13-dec-2003								396	225
Dishorhet 2 31-dec-2003 200312 (Incopper 1300 0 8196 8014 182 931 227)	D	londoh85 10-dec-2003	200312 f1copper	13948	0	5949	5355	594	989	7010	2211
Distache	D	Irtpoh75 31-dec-2003	200312 f1copper	23485	0	14985	14403	582	2384	6116	1698
D Invaloh62 in-dee-2003 200312 fitcopper 3650 0 1813 1752 61 242 156	D	Isbnoh42 31-dec-2003	200312 f1copper	7905	0	4441	4272	169	567	2897	920
D hytoh256 10-dec-2003 200312 ffcopper 15850 0 10433 1322 1161 136 140 D marmoh1117-dec-2003 200312 ffcopper 15850 0 10433 10069 364 735 488 D marmoh1117-dec-2003 200312 ffcopper 2008 0 1322 1161 161 198 468 D mdwoh4214-dec-2003 200312 ffcopper 2008 0 1322 1161 161 198 468 D mdwoh4214-dec-2003 200312 ffcopper 2008 0 1322 1161 161 198 468 D mdwoh4214-dec-2003 200312 ffcopper 1150 0 513 431 82 72 56 D mdwoh46417-dec-2003 200312 ffcopper 4935 0 3101 2947 154 604 123 D mgdroh62 06-dec-2003 200312 ffcopper 4935 0 3101 2947 154 604 123 D mgdroh62 06-dec-2003 200312 ffcopper 4840 0 2933 2877 66 595 293 D mmschoh8817-dec-2003 200312 ffcopper 7789 0 3666 53527 138 901 2942 D mjich53 10-dec-2003 200312 ffcopper 2842 0 1565 1530 55 277 698 D mntch27 06-dec-2003 200312 ffcopper 2842 0 1565 1530 55 277 698 D mntch27 06-dec-2003 200312 ffcopper 4200 0 2483 2353 130 498 121 D mntch27 06-dec-2003 200312 ffcopper 4200 0 2483 2353 130 498 121 D mntch27 06-dec-2003 200312 ffcopper 4200 0 2483 2353 130 498 121 D mtch27 17-dec-2003 200312 ffcopper 1760 0 9297 9033 264 926 237 D mtch27 17-dec-2003 200312 ffcopper 1760 0 9297 9033 264 926 237 D mtch27 17-dec-2003 200312 ffcopper 1780 0 9297 9033 264 926 237 D mtch27 17-dec-2003 200312 ffcopper 1780 0 9297 9033 264 926 237 D mtch27 17-dec-2003 200312 ffcopper 1780 0 9866 9522 364 935 302 D mtch27 17-dec-2003 200312 ffcopper 1780 0 9297 9033 264 926 237 D mtch27 17-dec-2003 200312 ffcopper 1780 0 9866 9522 368 87 3 362 D mtsh37 14-dec-2003 200312 ffcopper 1780 0 9866 952 368 7 3 36 D mtsh37 14-dec-2003 200312 ffcopper 1780 0 9866 952 368 7 3 36 D mtsh38 10-dec-2003 200312 ffcopper 1780 0 9866 952 368 87 3 36 D mtsh38 10-dec-2003 200312 ffcopper 1780 0 9866 952 368 87 3 36 D mtsh38 10-dec-2003 200312 ffcopper 1780 0 9866 952 368 87 3 36 D mtsh38 10-dec-2003 200312 ffcopper 1780 0 9866 952 2 988 87 3 36 D mtsh38 10-dec-2003 200312 ffcopper 1780 0 9866 952 2 988 87 3 98 D mtsh38 10-dec-2003 200312 ffcopper 1780 0 9866 952 2 98 D		Isvloh87 31-dec-2003	200312 f1copper	11300	0	8196	8014	182	931	2173	514
D maumont11Tv-dee-2003 200312 ffcopper 2908 0 1343 1327 16 136 1406 D maumont11Tv-dee-2003 200312 ffcopper 2908 0 1322 1161 161 198 138 D mdvoh42 ft-dee-2003 200312 ffcopper 2908 0 1322 1161 161 198 138 D mdvoh42 ft-dee-2003 200312 ffcopper 1150 0 513 441 82 72 56 D mdvoh42 ft-dee-2003 200312 ffcopper 1150 0 513 441 82 72 56 D mgvoh62 ft-dee-2003 200312 ffcopper 10550 0 6353 6066 257 1202 25 D mgroh68 ft-dee-2003 200312 ffcopper 10550 0 6353 6066 257 1202 25 D mgroh68 ft-dee-2003 200312 ffcopper 36094 0 21250 20231 1019 2932 119 D mncsoh88 ft-dee-2003 200312 ffcopper 36094 0 21250 20231 1019 2932 119 D mncsoh88 ft-dee-2003 200312 ffcopper 36094 0 21250 20231 1019 2932 119 D mntch25 ft-dee-2003 200312 ffcopper 2842 0 1585 1530 55 277 90 D mntch25 ft-dee-2003 200312 ffcopper 2842 0 1585 1530 55 277 90 D mntch25 ft-dee-2003 200312 ffcopper 2842 0 1585 1530 55 277 90 D mntch25 ft-dee-2003 200312 ffcopper 2842 0 1585 1530 30 499 6 D mntch25 ft-dee-2003 200312 ffcopper 4200 0 2483 2535 130 499 6 D mntch25 ft-dee-2003 200312 ffcopper 4200 0 2483 2535 130 499 6 D mntch25 ft-dee-2003 200312 ffcopper 1600 0 9207 9033 564 926 D mrtch25 ft-dee-2003 200312 ffcopper 1600 0 9207 9033 564 926 D mrtch25 ft-dee-2003 200312 ffcopper 1350 0 831 788 43 102 41 D mycych76 ft-dee-2003 200312 ffcopper 2850 0 1764 1898 7 D mshoh05 ft-dee-2003 200312 ffcopper 2850 0 1764 1894 7 D mshoh05 ft-dee-2003 200312 ffcopper 2850 0 1764 1894 7 D mshoh05 ft-dee-2003 200312 ffcopper 2850 0 1764 1894 7 D mshoh05 ft-dee-2003 200312 ffcopper 2850 0 1764 1894 7 D mshoh05 ft-dee-2003 200312 ffcopper 3804 0 3860 2 38087 1515 4354 220 D mshoh05 ft-dee-2003 200312 ffcopper 2850 0 1764 1894 7 D mshoh05 ft-dee-2003 200312 ffcopper 3804 0 3802 3809 268 4 D mshoh05 ft-dee-2003 200312 ffcopper 3804 0 3802 3809 268 4 D mshoh05 ft-dee-2003 200312 ffcopper 3804 0 3802 3809 268 4 D mshoh05 ft-dee-2003 200312 ffcopper 3804 0 3802 3809 268 4 D mshoh05 ft-dee-2003 200312 ffcopper 3809 0 1866 1874 267 279 254		Itnaoh02 31-dec-2003	200312 f1copper	3650	0	1813	1752	61	242	1595	588
D mardnoh1117-dec-2003 200312 (Teopper 2008 0 13422 1161 161 198 488 100 mdwoh42 (14-dec-2003 200312 (Teopper 150123 0 25547 24378 1169 4313 2026 mdwoh461 (10-dec-2003 200312 (Teopper 15050 0 513 431 82 72 56 50 100 meyvpoh447-dec-2003 200312 (Teopper 15050 0 513 431 82 72 56 50 100 meyvpoh447-dec-2003 200312 (Teopper 10550 0 5353 6096 257 1202 299 100 mghola68 (04-dec-2003 200312 (Teopper 10550 0 5353 6096 257 1202 299 100 mghola68 (04-dec-2003 200312 (Teopper 36094 0 21250 20231 1019 2932 11919 100 mnschoß (04-dec-2003 200312 (Teopper 36094 0 21250 20231 1019 2932 11919 100 mnschoß (04-dec-2003 200312 (Teopper 2842 0 1565 1530 55 277 98) 100 mnschoß (04-dec-2003 200312 (Teopper 2842 0 1565 1530 55 277 98) 100 mnschoß (04-dec-2003 200312 (Teopper 2842 0 1565 1530 55 277 98) 100 mnschoß (04-dec-2003 200312 (Teopper 2842 0 1565 1530 55 277 98) 100 mnschoß (04-dec-2003 200312 (Teopper 2842 0 1565 1530 55 277 98) 100 mnschoß (04-dec-2003 200312 (Teopper 2842 0 1565 1530 55 277 98) 100 mnschoß (04-dec-2003 200312 (Teopper 2840 0 1561 104) 100 mnschoß (04-dec-2003 200312 (Teopper 12600 0 2483 2353 130 498 121 100 mnschoß (04-dec-2003 200312 (Teopper 12600 0 1311 1274 37 188) 100 mnschoß (04-dec-2003 200312 (Teopper 13846 0 9886 9522 364 935 302 mnschoß (04-dec-2003 200312 (Teopper 13846 0 9886 9522 364 935 302 mnschoß (04-dec-2003 200312 (Teopper 1380 0 18) 100 180 180 180 180 180 180 180 180 180	D	lwvloh56 10-dec-2003	200312 f1copper	1454	0	544	495	49	44	866	423
D mdwoh25 07-dec-2003 200312 ffcopper 50123 0 25547 24378 f169 4313 232 0 25547 24378 f169 4313 25547 25	D	lytpoh25 17-dec-2003	200312 f1copper	2883	0	1343	1327	16	136	1404	1200
D mdwoh42 14-dec-2003 200312 ffcopper	D	maumoh1117-dec-2003	200312 f1copper	15850	0	10433	10069	364	735	4682	467
D methodsh4 10-dec-2003 200312 (Teopper 10550 0 5131 2947 154 604 123 0 meghofsb2 06-dec-2003 200312 (Teopper 10550 0 6353 6096 257 1202 299 0 mgdroh82 06-dec-2003 200312 (Teopper 4840 0 2933 2877 65 6595 131 2910 0 mmsbgoh8817-dec-2003 200312 (Teopper 36094 0 21220 20231 1019 2932 1191 0 mmsbgoh8817-dec-2003 200312 (Teopper 2842 0 1565 1535 055 277 90 0 mmsbgoh8817-dec-2003 200312 (Teopper 2842 0 1565 1535 055 277 90 0 mmsbgoh8817-dec-2003 200312 (Teopper 2842 0 1565 1535 055 277 90 0 mmsbgoh8817-dec-2003 200312 (Teopper 2842 0 1565 1535 310 4990 1 322 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	D	mcvloh25 07-dec-2003	200312 f1copper	2908	0	1322	1161	161	198	1388	1022
D mgdroh80 08-dec-2003 200312 floopper	D	mdtwoh42 14-dec-2003	200312 f1copper	50123	0	25547	24378	1169	4313	20263	5874
D mgdrch82 06-dec-2003 200312 ftcopper 10550 0 6353 6096 257 1202 299 D mgdrch86 06-dec-2003 200312 ftcopper 36094 0 21250 20231 1019 2932 1191 D mncsch88 07-dec-2003 200312 ftcopper 7789 0 3665 3527 138 901 322 D mntoh53 10-dec-2003 200312 ftcopper 23147 0 18938 14398 540 1370 683 D mntoh27 06-dec-2003 200312 ftcopper 2400 0 2483 2353 130 498 121 D mntoh53 17-dec-2003 200312 ftcopper 8460 0 3643 3532 111 611 220 D mntoh53 17-dec-2003 200312 ftcopper 1600 0 3643 3532 111 611 220 D mntoh53 17-dec-2003 200312 ftcopper 1600 0 3643 3532 111 611 220 D mntoh53 10-dec-2003 200312 ftcopper 1600 0 3643 3532 111 611 220 D mntoh53 10-dec-2003 200312 ftcopper 1600 0 1311 1274 37 189 100 D mntoh53 10-dec-2003 200312 ftcopper 1800 0 9297 9033 264 926 237 D mntoh54 10-dec-2003 200312 ftcopper 1350 0 831 788 43 102 44 D mntoh57 16-dec-2003 200312 ftcopper 1350 0 831 788 43 102 44 D mntoh57 16-dec-2003 200312 ftcopper 28454 0 15013 14222 791 2062 1137 D mycyoh76 17-dec-2003 200312 ftcopper 628 0 298 288 7 36 290 D mtoh699 10-dec-2003 200312 ftcopper 628 0 298 288 7 36 290 D mtoh699 10-dec-2003 200312 ftcopper 2840 0 15013 14222 791 2062 1137 D mlsoh66 17-dec-2003 200312 ftcopper 2860 0 1764 1694 70 451 430 D mlsoh68 17-dec-2003 200312 ftcopper 28180 0 18280 17426 854 2223 767 D mlsoh68 18-dec-2003 200312 ftcopper 28180 0 18280 17426 854 2223 767 D mlsoh68 18-dec-2003 200312 ftcopper 3800 0 18484 2401 83 203 111 D mlsoh65 10-dec-2003 200312 ftcopper 3800 0 18484 2401 83 203 111 D mlsoh65 10-dec-2003 200312 ftcopper 3800 0 2484 2401 83 203 119 D mlsoh65 10-dec-2003 200312 ftcopper 3800 0 2799 2540 169 556 230 D mlsoh65 10-dec-2003 200312 ftcopper 3800 0 2799 2540 169 556 223 D mlsoh65 10-dec-2003 200312 ftcopper 3800 0 2799 2540 169 556 223 D mlsoh65 10-dec-2003 200312 ftcopper 3800 0 2799 2540 169 556 223 D mlsoh65 10-dec-2003 200312 ftcopper 3800 0 2799 2540 169 556 223 D mlsoh65 10-dec-2003 200312 ftcopper 3800 0 2484 2401 83 203 119 D mlsoh66 17-dec-2003 200312 ftcoppe	D	mdvloh94 10-dec-2003	200312 f1copper	1150	0	513	431	82	72	565	232
D mmloph86 06-dec-2003 200312 flcopper 36094 0 2333 2877 66 595 131	D	mewyoh8417-dec-2003	200312 f1copper	4935	0	3101	2947	154	604	1230	680
D mmspoh887-dec-2003 200312 flcopper 7789 0 3665 3527 138 901 322 mnjloth53 10-dec-2003 200312 flcopper 2842 0 1585 1530 55 277 88 mnjloth53 10-dec-2003 200312 flcopper 23147 0 14938 14398 540 1370 683 200 mntloth27 fb-de-2003 200312 flcopper 23147 0 14938 14398 540 1370 683 200 mntloth27 fb-dec-2003 200312 flcopper 2400 0 2483 2353 130 498 121 2400 0 2483 2353 130 498 121 2400 0 2483 2353 130 498 121 2400 0 2483 2353 130 498 121 2400 0 2483 2353 130 498 121 2400 0 2483 2353 130 498 121 2400 0 2483 2353 130 498 121 2400 0 2483 2353 130 498 121 240 240 240 2483 2353 130 498 121 240 240 240 240 240 240 240 240 240 240	D	mgdroh62 06-dec-2003	200312 f1copper	10550	0	6353	6096	257	1202	2995	1106
D mnjch53 10-dec-2003 200312 f1copper 2842 0 1585 1530 55 277 98	D	mgnloh86 06-dec-2003	200312 f1copper	4840	0	2933	2877	56	595	1312	400
D mnitoh33 10-dec-2003 200312 ficopper 23147 0 14938 14398 540 1370 683 nmitorh27 06-dec-2003 200312 ficopper 23147 0 14938 14398 540 1370 683 nmitorh27 06-dec-2003 200312 ficopper 4200 0 2483 2353 130 498 121 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	D	mmbgoh8617-dec-2003	200312 f1copper	36094	0	21250	20231	1019	2932	11912	2564
D mmltoh53 10-dec-2003 200312 flcopper 23147 0 14938 14398 540 1370 683 D mmltoh27 06-dec-2003 200312 flcopper 4200 0 2483 2353 130 498 121 D mmltoh27 06-dec-2003 200312 flcopper 6460 0 3643 3532 111 611 2610 D mmltoh25 17-dec-2003 200312 flcopper 1600 0 1311 1274 37 189 266 237 D mmltoh39 05-dec-2003 200312 flcopper 1600 0 1311 1274 37 189 300 D mmltoh39 10-dec-2003 200312 flcopper 13846 0 9886 9522 364 935 300 D mmltoh39 10-dec-2003 200312 flcopper 1350 0 831 788 43 102 41 D mmltoh37 14-dec-2003 200312 flcopper 28454 0 15013 14222 781 2062 1137 D mmltoh39 10-dec-2003 200312 flcopper 46718 0 28637 27416 1221 4073 1400 D mmltoh39 10-dec-2003 200312 flcopper 628 0 295 288 7 36 2 D mltoh39 10-dec-2003 200312 flcopper 628 0 295 288 7 36 2 D mltoh39 10-dec-2003 200312 flcopper 2850 0 1764 1694 70 451 437 D mltoh39 12-dec-2003 200312 flcopper 2850 0 1764 1694 70 451 435 D mltoh39 12-dec-2003 200312 flcopper 28180 0 18280 17428 854 2203 767 D mltoh39 12-dec-2003 200312 flcopper 4827 0 268 2004 64 326 243 D mltoh35 10-dec-2003 200312 flcopper 4827 0 268 2004 64 326 243 D mltoh35 10-dec-2003 200312 flcopper 4827 0 268 2004 64 326 243 D mltoh37 13-dec-2003 200312 flcopper 4827 0 268 2004 64 326 243 D mltoh37 13-dec-2003 200312 flcopper 4827 0 268 2004 64 326 243 D mltoh37 13-dec-2003 200312 flcopper 1450 0 850 766 84 66 55 D mltoh37 13-dec-2003 200312 flcopper 1450 0 850 766 84 66 55 D mltoh37 13-dec-2003 200312 flcopper 1450 0 850 766 84 66 55 D mltoh37 13-dec-2003 200312 flcopper 1450 0 850 766 84 66 55 D mltoh37 13-dec-2003 200312 flcopper 1450 0 850 766 84 66 55 D mltoh37 13-dec-2003 200312 flcopper 1450 0 850 766 84 66 55 D mltoh37 13-dec-2003 200312 flcopper 1450 0 850 766 84 66 55 D mltoh37 13-dec-2003 200312 flcopper 1450 0 850 86 86 20 130 86 D mltoh37 13-dec-2003 200312 flcopper 1450 0 850 86 86 20 130 86 86 D mltoh37 13-dec-2003 200312 flcopper 1509 0 13653 1293 349 349 349 D mltoh37 13-dec-2003 200312 flcopper 1500 0 1587 1 1588 1 1530 8 11 1 1 1 1 1	D	mncsoh88 07-dec-2003	200312 f1copper	7789	0	3665	3527	138	901	3223	2435
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D riwwtoh45 10-dec-2003 200312 f1copper 2350 0 1355 1275 80 176 81 D olfloh23 20-dec-2003 200312 f1copper 10978 0 6014 5742 272 603 436 D orgnoh69 17-dec-2003 200312 f1copper 44025 0 27131 25734 1397 3870 1302 D patroh37 24-dec-2003 200312 f1copper 1506 0 742 671 71 47 71 D piquoh77 17-dec-2003 200312 f1copper 18527 4 10858 10167 691 1437 623 D privioh35 17-dec-2003 200312 f1copper 18527 4 10858 10167 691 1437 623 D poldoh75 20-dec-2003 200312 f1copper 10750 0 7764 7522 242 531 245 D prigoh14 17-dec-2003 200312 f1copper 10750 0 7764 7522 242 531 245 D prigoh14 17-dec-2003 200312 f1copper 17739 0 11815 11142 673 1242 468 D prispoh66 24-dec-2003 200312 f1copper 17739 0 11815 11142 673 1242 468 D prispoh66 24-dec-2003 200312 f1copper 17127 0 11312 10674 638 1975 384 D pripoh47 31-dec-2003 200312 f1copper 21385 0 15871 15380 491 1813 370 D ptchoh26 17-dec-2003 200312 f1copper 900 0 594 573 21 93 21 D rigoh24 13-dec-2003 200312 f1copper 2305 0 1372 1307 65 277 65 D rigoh24 13-dec-2003 200312 f1copper 3834 0 1310 1270 40 244 228 D mbooh36 17-dec-2003 200312 f1copper 1700 0 920 878 42 129 65 D rigoh39 17-dec-2003 200312 f1copper 2820 0 1932 1843 89 116 77 D risvloh69 13-dec-2003 200312 f1copper 2755 0 1317 1263 54 81 117 D ritwoh32 10-dec-2003 200312 f1copper 2750 0 1392 1843 89 116 77 D ritwoh32 10-dec-2003 200312 f1copper 7300 0 4189 3976 213 725 238 D rivioh53 13-dec-2003 200312 f1copper 1758 0 904 876 28 170 68 D rivinoh02 14-dec-2003 200312 f1copper 1758 0 904 876 28 170 68 D rivinoh02 14-dec-2003 200312 f1copper 1758 0 904 876 28 170 68 D rivinoh02 14-dec-2003 200312 f1copper 1758 0 904 876 28 170 68 D rivinoh02 14-dec-2003 200312 f1copper 1758 0 904 876 28 170 68 D rivinoh02 14-dec-2003 200312 f1copper 1758 0 904 876 28 170 68 D rivinoh02 14-dec-2003 200312 f1copper 2300 0 15029 14382 647 1877 639											
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D ptchoh26 17-dec-2003 200312 (1copper 900 0 594 573 21 93 21 Drynoh02 14-dec-2003 200312 (1copper 2305 0 1372 1307 65 277 65 21 Drigoh24 13-dec-2003 200312 (1copper 3834 0 1310 1270 40 244 228 Drynoh036 17-dec-2003 200312 (1copper 1700 0 920 878 42 129 65 Dryhyoh39 17-dec-2003 200312 (1copper 2820 0 1932 1843 89 116 77 Drynoh032 10-dec-2003 200312 (1copper 2575 0 1317 1263 54 81 117 Drynoh032 10-dec-2003 200312 (1copper 7300 0 4189 3976 213 725 238 Drynoh03 13-dec-2003 200312 (1copper 1758 0 904 876 28 170 68 Drynoh02 14-dec-2003 200312 (1copper 23300 0 15029 14382 647 1877 639										3840	302
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D rigroh24 13-dec-2003 200312 f1copper 3834 0 1310 1270 40 244 228 D rnboh36 17-dec-2003 200312 f1copper 1700 0 920 878 42 129 65 D rplyoh39 17-dec-2003 200312 f1copper 2820 0 1932 1843 89 116 77 D rsvloh69 13-dec-2003 200312 f1copper 2575 0 1317 1263 54 81 117 D rttwoh32 10-dec-2003 200312 f1copper 7300 0 4189 3976 213 725 238 D ruvloh53 13-dec-2003 200312 f1copper 1758 0 904 876 28 170 68 D rvnnoh02 14-dec-2003 200312 f1copper 23300 0 15029 14382 647 1877 639											25
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D rplyoh39 17-dec-2003 200312 f1copper 2820 0 1932 1843 89 116 77 D rsvioh69 13-dec-2003 200312 f1copper 2575 0 1317 1263 54 81 117 D rttwoh32 10-dec-2003 200312 f1copper 7300 0 4189 3976 213 725 238 D r.vvioh53 13-dec-2003 200312 f1copper 1758 0 904 876 28 170 68 D rvnnoh02 14-dec-2003 200312 f1copper 23300 0 15029 14382 647 1877 639											332
D rsvioh69 13-dec-2003 200312 f1copper 2575 0 1317 1263 54 81 117 D rttwoh32 10-dec-2003 200312 f1copper 7300 0 4189 3976 213 725 238 D ruvloh53 13-dec-2003 200312 f1copper 1758 0 904 876 28 170 68 D rvnnoh02 14-dec-2003 200312 f1copper 23300 0 15029 14382 647 1877 639											434
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D ruvloh53 13-dec-2003 200312 (1copper 1758 0 904 876 28 170 68 D rvnnoh02 14-dec-2003 200312 (1copper 23300 0 15029 14382 647 1877 639										1177	545
D rvnnoh02 14-dec-2003 200312 f1copper 23300 0 15029 14382 647 1877 639										2386	612
: ''' (TELEPHONE TO L'IN FORTONI) : '''' (TELEPHONE CONTRACTOR CONTRAC										684	168
D salmob33 14-dec-2003 200312 Hooppet 18230 0 11601 11248 444 1024 EE4										6394	2264
요즘하는 그래면 형태없다는 사사라가 가게 되었는 그리고싶다면서 아래부터 되는 그는 사람들이다. 그는 그는 그는 그는 그림을하다는 그는 그리고 있는 그리고 있는 그리고 있는 그리고 있는 그리고 있는	D	salmoh33 14-dec-2003	200312 f1copper	18239	0	11691	11248	443	1031	5517	2074
										1191	690
										1152	625
										5373	2150
										15494	7946
										2939	949
										333	0
그래도 내려워진 경기는 경찰 사업을 가졌다는 그 가격하는데 그 경험하게 하는 그리고 살아지다는 하는데 그렇게 하는 사람들이 하는 것이다.										5138	2146
										540	268
										835	473
D sgtroh92 17-dec-2003 200312 (1copper 1200 0 675 653 22 105 42	D	sgtroh92 17-dec-2003	200312 [1copper	1200	0	675	653	22	105	420	154

Zone	WC CLLI ExtractDate	YearMonth Type	Available	Equipped	Assigned	Washina	Other	Ded	Spare	Hereard 4
D	sgvloh23 21-dec-2003	200312 f1copper	27807	Cdoubbed	18317	Working 17507	810	Def 1431	8059	Uncommitted 2265
D	shwnoh39 17-dec-2003	200312 f1copper	2792	0	1100	1047	53	113	1579	1289
D	smrtoh74 19-nov-2003	200311 f1copper	2850	0	1898	1772	126	103	849	367
D	sndsoh62 17-dec-2003	200312 [1copper	31850	0	22136	20971	1165	2857	6857	927
D	solnoh24 31-dec-2003	200312 f1copper	32141	0	17733	16859	874	1897	12511	2759
D	spfdoh32 17-dec-2003	200312 f1copper	52381	0	31448	29603	1845	7395	13538	1883
D	spfdoh39 17-dec-2003	200312 f1copper	25140	0	14022	13486	536	2726	8392	3285
D	spntoh37 13-dec-2003	200312 f1copper	5025	0	2519	2352	167	413	2093	1213
D	spvyoh86 23-dec-2003	200312 f1copper	1500	0	1097	1058	39	58	345	20
D	ssinoh88 17-dec-2003	200312 f1copper	450	0	243	231	12	66	141	55
D	stbooh62 31-dec-2003	200312 f1copper	8009	0	4875	4534	341	641	2493	811
D	svinoh56 17-dec-2003	200312 f1copper	2300	0	1222	1185	37	302	776	431
D	tffnoh44 24-dec-2003	200312 (1copper	20629	0	14115	13451	664	1513	5001	1441
D	thvloh24 17-dec-2003	200312 f1copper	6489	0	1928	1826	102	171	4390	3651
D	tlmdoh63 06-dec-2003	200312 f1copper	20966	0	13514	12945	569	2331	5121	1198
D	torooh53 10-dec-2003	200312 f1copper	7206	0	4050	3869	181	464	2692	1675
D	trcyoh96 23-dec-2003	200312 f1copper	1000	0	600	574	26	108		
D	trenoh98 24-dec-2003	200312 (1copper	6800	0	4379	4195	184		292	75
D				0				231	2190	328
D		200312 f1copper	9670		6538	6221	317	496	2636	832
D	untwoh69 14-dec-2003	200312 f1copper	10800	0	7094	6851	243	1327	2379	608
	upsnoh29 24-dec-2003	200312 f1copper	9243	0	5537	5237	300	454	3252	1344
D	vntnoh38 17-dec-2003	200312 f1copper	3014	0	1483	1424	59	140	1391	1120
D	wachoh33 21-dec-2003	200312 f1copper	17267	0	10888	10351	537	1421	4958	1479
D	whhsoh87 24-dec-2003	200312 f1copper	3632	0	2674	2572	102	317	641	146
D	wjsnoh87 21-dec-2003	200312 f1copper	8215	0	2644	2506	138	441	5130	3327
D	wlfyoh54 24-dec-2003	200312 f1copper	4542	0	2898	2761	137	240	1404	698
D	wlvloh53 20-dec-2003	200312 f1copper	6410	0	3989	3811	178	858	1563	235
D	wnchoh69 24-dec-2003	200312 f1copper	2450	0	1357	1302	55	130	963	418
D	wofdoh47 20-dec-2003	200312 f1copper	3985	0	2598	2436	162	229	1158	310
D	xenioh37 24-dec-2003	200312 f1copper	25295	0	16092	15161	931	2426	6777	1913
D	yespoh76 24-dec-2003	200312 f1copper	6200	0	3465	3362	103	316	2419	1073
D	yntwoh79 14-dec-2003	200312 f1copper	42913	0	26537	25719	818	4182	12194	4415
D	zmmnoh4224-dec-2003	200312 f1copper	25866	0	14177	13481	696	1194	10495	3418
D	znvloh45 24-dec-2003	200312 f1copper	44588	0	22553	21160	1393	2063	19972	9598
C	akmoh72 10-dec-2003	200312 f1copper	31026	0	17839	16816	1023	4017	9170	4309
C	akmoh78 14-dec-2003	200312 f1copper	50759	0	22428	21637	791	5394	22937	8163
C	akmoh86 14-dec-2003	200312 f1copper	48600	0	29683	28548	1135	4862	14055	3979
C	bcwdoh46 31-dec-2003	200312 f1copper	56185	0	23302	22652	650	4215	28668	13565
C	bereoh23 28-dec-2003	200312 f1copper	39647	0	23667	22041	1626	2865	13115	1623
C	bkpkoh26 30-nov-2003	200312 f1copper	44723	0	23229	22701	528	3269	18225	4433
C	bkpkah97 09-nov-2003	200312 f1copper	3600	0	289	288	1	88	3223	1548
C	clevoh25 30-nov-2003	200312 (1copper	58025	0	34732	33240	1492	5886	17407	8270
C	clevoh53 17-dec-2003	200312 f1copper	60000	0	32383		1378	7250	20367	10085
C	devoh64 28-dec-2003	200312 f1copper	60255	0	33140	31433	1707	7753	19362	4949
C	clevoh74 21-dec-2003	200312 f1copper	72408	0	40087			5224	27097	10844
C	clmboh23 30-nov-2003	200312 f1copper	61163	0	35672	32642	3030	5967	19524	6964
C	clmboh25 31-dec-2003	200312 f1copper	46800	0	24055	21934	2121	5251	17494	7745
C	clmboh26 04-jan-2004	200312 f1copper	64630	0	39478	37038	2440	8151	17001	4336
C	clmboh27 31-dec-2003	200312 f1copper	59031	0	33736	31173		6686	18609	7244
C	clmboh29 04-jan-2004	200312 f1copper	56924	0	26005	24516		3636	27283	6600
C	dmboh44 07-dec-2003	200312 f1copper	33811	0	21002		1544	4132	8677	3036
C	clmboh47 07-dec-2003	200312 (1copper	48936	0	28020		2035	4157	16759	5513
C	clmboh86 17-dec-2003	200312 f1copper	75267	0	43283	40744		6479	25505	6378
C	cntmoh43 04-jan-2004	200312 f1copper	60251	0	36471	35143		3220	20560	3770
C	cyfloh92 21-dec-2003	200312 f1copper	51056	0	31561	30317	1244	5093	14402	4783
C	dblnoh89 31-dec-2003	200312 11copper	58260	0	27701	25484		4164	26395	9971
c	dytnoh25 10-dec-2003	200312 11copper	60058	0	32602	30932		6580	20876	7728
C	dytnoh26 10-dec-2003	200312 (1copper	26500	0	12838	12072	766	4236	9426	2641
c	dytnoh27 04-jan-2004	200312 f1copper	57190	0	34081	32043		8845	14264	3345
c	dytnoh29 10-dec-2003	200312 11copper	62685	0	37884	36534		5662	19139	5941
c	ecidoh73 17-dec-2003	200312 f1copper	64376	0	41318	39882		7264	15794	5090
C				0	16234	15831	403	3314		
C	indpoh52 27-dec-2003 mphgoh6617-dec-2003	200312 [1copper 200312 [1copper	39875 55908	0	38304	37079		5778	20327 11826	5793 3316
C	myhgoh44 17-dec-2003	200312 f1copper	53255	0	31128	30243 23807	885	4989	17138	6953
	nolmoh77 20-dec-2003	200312 f1copper	35600	0	24519		712	2103	8978	1460
C	parmoh88 21-dec-2003	200312 (1copper	78964	0	47847	46483	1364	7931	23186	7813
C	rkrvoh33 29-nov-2003	200312 f1copper	38866	0	25422	24424	998	3322	10122	1648
C	secloh38 31-dec-2003	200312 f1copper	37525	0	25809	24762		3437	8279	2381
C	stowoh68 10-dec-2003	200312 f1copper	19455	0	12489	11801	688	1978	4988	2016
C	strtoh75 20-dec-2003	200312 f1copper	18948	0	10761	10384	377	969	7218	3436
C	toldoh38 17-dec-2003	200312 f1copper	37038	0	23272	22134		4019	9747	1735
C	toldoh40 24-dec-2003	200312 f1copper	28350	0	17311	16472	839	2037	9002	1058
C	toldoh47 24-dec-2003	200312 f1copper	52838	0	33495	31677		5571	13772	4062
C	toldoh53 17-dec-2003	200312 I1copper	46019	0	24749	23480		5648	15622	3484
C	toldoh72 24-dec-2003	200312 f1copper	26200	0	14595	13865	730	2652	8953	3008
C	uparoh45 04-jan-2004	200312 f1copper	46976	0	29445	27852		3585	13946	3897
C	uparoh48 10-dec-2003	200312 [1copper	36988	0	21786	20458		2548	12654	4843
C	wevloh88 21-dec-2003	200312 f1copper	70007	0	39865	37407	2458	5323	24819	9039

Zone	MC_CLLI	ExtractDate	YearMonth	Type	Available	Equipped	Assigned	Working	Other	Def	Spare	Uncommitted
C	wighoh94	24-dec-2003	200312	f1copper	46499	0	28496	27654	842	4798	13205	3750
C	wotnoh88	24-dec-2003	200312	f1copper	83770	0	42843	40804	2039	7319	33608	10284
C	wslkoh87	21-dec-2003	200312	f1copper	39166	0	26159	24883	1276	2394	10613	2327
C	yntwoh74	10-dec-2003	200312	f1copper	57246	0	23206	21917	1289	6063	27977	3358
C	yntwoh78	21-dec-2003	200312	f1copper	31772	0	19079	18260	819	3001	9692	2035
В	akmoh25	04-jan-2004	200312	11copper	95040	0	43743	41468	2275	14013	37284	9754
В	clevoh42	31-dec-2003	200312	(1copper	89346	0	50942	49144	1798	9262	29142	6033
В	clevoh43	30-nov-2003	200312	f1copper	56909	0	22301	20958	1343	8818	25790	8860
В	clevoh45	31-dec-2003	200312	f1copper	62100	0	33143	30903	2240	10634	18323	5582
В	clevoh62	06-dec-2003	200312	(1copper	209320	0	70540	68906	1634	15022	123758	28997
В	clevoh63	07-dec-2003	200312	f1copper	51933	0	28428	26257	2171	3553	19952	7260
В	clhgoh32	31-dec-2003	200312	f1copper	41750	0	25776	24517	1259	2957	13017	5731
В	clmboh11	31-dec-2003	200312	f1copper	176376	0	73202	71897	1305	10978	92196	25522
В	dytnoh22	10-dec-2003	200312	f1copper	102136	0	35992	34499	1493	11471	54673	8630
В	lkwdoh52	30-nov-2003	200312	f1copper	52125	0	33482	31443	2039	3226	15417	2954
В	shhgoh92	24-dec-2003	200312	f1copper	75940	0	45803	43412	2391	9620	20517	8103
В	toldoh21	17-dec-2003	200312	f1copper	99664	0	40614	38389	2225	11916	47134	6645

	alamakeki	1001	2,993,358	1,636,680	0.00	838,185			2.00	909.125
Zone	abrdoh79 03-jan-2004	YearMonth Type 200312 f1derived	Available 314	Equipped 314	Assigned 133	Working 119	Other 14	Def 9	Spare 172	Uncommitted 88
D	alncoh82 04-jan-2004	200312 f1derived	8930	2832	1219	1162	57	48	7663	2931
D	araboh64 04-jan-2004	200312 f1derived	1357	1157	725	697	28	33	599	329
D	atwroh94 03-jan-2004	200312 f1derived	1524	538	212	207	5	29	1283	971
D	bcvloh52 30-nov-2003	200312 f1derived	31214	12277	6844	6391		331	24039	13448
D	bdfroh23 31-dec-2003 bdmnoh7520-dec-2003	200312 f1derived 200312 f1derived	9848 20498	3773 10829	1687 6002	1541 5594	146	193	7968 14021	5046 6846
D	bevioh92 31-dec-2003	200312 f1derived	538	538	277	273	4	4	257	44
D	blbkoh84 03-jan-2004	200312 f1derived	3340	2289	1650	1540	110	130	1560	752
D	blfsoh76 03-jan-2004	200312 f1derived	342	302	213	204	9	12	117	36
D	bliroh67 31-dec-2003	200312 f1derived	3227	2814	1555	1509	46	75	1597	901
D	blngoh35 03-jan-2004	200312 f1derived	90	90	5	5	0	0	85	80
D	blproh42 31-dec-2003 bmbgoh4331-dec-2003	200312 f1derived	2559	1835	567	554	13	41	1951	210
D	bridoh44 04-jan-2004	200312 f1derived 200312 f1derived	592 2152	204	1427	1330	97	156	590 569	92 408
D	brtnoh74 14-dec-2003	200312 f1derived	3811	2871	1594	1544	50	140	2077	604
D	brtnoh82 14-dec-2003	200312 f1derived	3202	2382	1259	1212	47	62	1881	1140
D	brtooh83 31-dec-2003	200312 f1derived	3568	2320	1116	1084	32	58	2394	1638
D	brvioh42 04-jan-2004	200312 f1derived	1843	1135	799	781	18	17	1027	515
D	bthsoh48 31-dec-2003	200312 f1derived	607	395	53	53	0	1	553	136
D	bwrvoh45 03-jan-2004 catnoh45 31-dec-2003	200312 f1derived 200312 f1derived	74	74	14	12	2 2	3	29 58	28 36
D	cdvloh76 03-jan-2004	200312 f1derived	120	120	69	65	4	5	46	6
D	chfloh24 31-dec-2003	200312 f1derived	3664	2074	950	807	143	45	2669	1469
D	chsgoh36 31-dec-2003	200312 f1derived	630	630	49	46	3	1	580	550
D	clbnoh48 04-jan-2004	200312 f1derived	4412	1969	938	859	79	31	3443	1800
D	cnfdoh02 03-jan-2004	200312 f1derived	9764	5754	3738	3506	232	242	5784	948
D	cnfloh01 04-jan-2004	200312 f1derived	1984	580	358	345	13	15	1611	942
D	cnsvoh82 31-dec-2003 cntnoh45 31-dec-2003	200312 f1derived 200312 f1derived	28028	10047	4340	3669	671	0	48 23399	15329
D	cntnoh45 31-dec-2003 cnwioh83 31-dec-2003	200312 f1derived	62474	28971	19649	18663	986	###	41270	17037
D	crbgoh85 02-jan-2004	200312 f1derived	108	92	47	39	8	0	61	40
D	cmgoh34 31-dec-2003	200312 f1derived	228	228	94	92	2	13	121	94
D	crrtoh75 31-dec-2003	200312 f1derived	2715	1893	1204	1175	29	25	1486	114
D	cstloh68 04-jan-2004	200312 f1derived	702	652	565	543	22	26	111	30
D	cstnoh62 31-dec-2003	200312 f1derived	3962	2726	1547	1501	46	37	2378	757
D	cvtpoh02 06-dec-2003 danhoh28 10-dec-2003	200312 f1derived 200312 f1derived	15362 195	7343 195	4033 103	3789 99	244	526	10803	6774 51
D	dffyoh48 07-dec-2003	200312 f1derived	695	537	79	75	4	3	613	145
D	dltnoh82 03-jan-2004	200312 f1derived	1300	524	220	198	22	19	1061	689
D	dnfloh67 13-dec-2003	200312 f1derived	1694	1221	1053	1017	36	11	630	48
D	dnvloh88 10-dec-2003	200312 f1derived	152	148	115	81	34	3	34	10
D	drsdoh75 31-dec-2003	200312 f1derived	896	485	334	324	10	9	553	33
D	dytnoh23 04-jan-2004	200312 f1derived	18049 17887	10004 12646	6127 6504	5725 6077	402	732	10680	5441
D	dytnoh89 24-dec-2003 ectnoh48 31-dec-2003	200312 f1derived 200312 f1derived	712	166	101	94	7	4	607	3425 480
D	elvroh38 04-jan-2004	200312 f1derived	9057	6109	4397	4228	169	279	4381	2356
D	enonoh86 10-dec-2003	200312 f1derived	1172	870	480	394	86	31	661	154
D	episoh42 03-jan-2004	200312 f1derived	894	894	225	207	18	11	658	548
D	fkinoh01 13-dec-2003	200312 f1derived	9760	5419	3927	3782	145	389	5444	2713
D	ffhmoh84 07-dec-2003	200312 f1derived	1232	932	606	588 43	18	18	608 37	114
D	fitcoh99 13-dec-2003 fndyoh42 14-dec-2003	200312 f1derived 200312 f1derived	17090	10177	7407	6990	417	389	9294	26 4644
D	frbnoh87 10-dec-2003	200312 f1derived	22206	9907	5537	4813	724	507	16162	10674
D	frmtoh33 14-dec-2003	200312 f1derived	6309	4281	3140	2899	241	150	3019	1836
D	fstaoh43 14-dec-2003	200312 f1derived	1376	768	481	395	86	19	876	732
D	fvpwoh88 14-dec-2003	200312 f1derived	18844	9816	6248	6088	160	638	11958	7757
D	glfroh65 17-dec-2003	200312 f1derived	0	4000	0	0	0	0	2570	0
D	glploh44 07-dec-2003 gnbgoh89 31-dec-2003	200312 f1derived 200312 f1derived	6183 9885	4909 5873	3528 3189	3345 3051	183	85 236	2570 6460	1238
D	gndnoh25 07-dec-2003	200312 f1derived	478	281	151	148	3	13	314	224
D	gvcyoh87 07-dec-2003	200312 f1derived	54650	29815	15699	14151			37760	17747
D	gyvloh93 07-dec-2003	200312 f1derived	716	716	415	407	8	9	292	44
D	hbrdoh02 20-dec-2003	200312 f1derived	970	872	536	510	26	16	418	218
D	hlbooh39 14-dec-2003	200312 f1derived	6340	3436	2358	2178	180	84	3898	2003
D	hlldoh11 13-dec-2003 hlrdoh87 10-dec-2003	200312 f1derived 200312 f1derived	42295 68796	18867 45914	11785 26364	9720 23606	2065 2758		29287 40194	15439 18693
D	hirdoh87 10-dec-2003 hrbgoh87 07-dec-2003	200312 11derived	5492	2712	1529	1486		177	3786	2532
D	htvloh02 31-dec-2003	200312 f1derived	1136	230	79	75	4	3	1054	948
D	irtnoh53 10-dec-2003	200312 f1derived	5909	5068	3655	3530		112	2142	308
D	jfvloh42 10-dec-2003	200312 f1derived	2004	682	290	283	7	7	1707	1350
D	jmtwoh67 13-dec-2003	200312 f1derived	2362	1579	1049	979	70	59	1254	315
D	kentoh67 10-dec-2003	200312 f1derived	33565	14414	7713 489	7221 478	11	41	25418 1794	13795 1398
D	kridoh25 17-dec-2003 lckboh49 10-dec-2003	200312 f1derived 200312 f1derived	2324 39586	1366 20512	9497	8818			29193	13794
D	Ilvioh53 31-dec-2003	200312 f1derived	360	312	95	88	7	4	261	138
D	Incsoh65 10-dec-2003	200312 f1derived	19114	13183	8840	8357	483	404	9870	3177

Zone	WC_CLLI Extra	ctDate	YearMonth	Туре	Available	Equipped	Assigned	Working	Other	Def	Spare	Uncommitted
D		ec-2003		f1derived	107	107	14	- 8	6	0	93	93
D		ec-2003		fidenied	9631	7833	4319	4186	133	153	5159	1210
D		- 2003		f1derived	7342	2937	1382	1229	153	152	5808	2006
D		ec-2003 ec-2003		f1derived f1derived	3638 2564	1835 478	1294	1238	56 17	101	2243	748
D		c-2003		fiderived	780	460	186	169	17	4	590	1683 306
D	A	ec-2003		f1derived	332	312	187	185	2	8	137	34
D		c-2003		f1derived	988	58	10	10	0	1	977	970
D	maumoh1117-de	ec-2003	200312	f1derived	7394	4672	2055	1868	187	347	4992	954
D	mcvloh25 07-de	ec-2003	200312	f1derived	2100	1996	976	938	38	42	1082	634
D	mdtwoh42 14-de			f1derived	36364	17815	10967	9731	1236		24535	12687
D	mdvloh94 10-de			f1derived	862	719	532	519	13	12	318	188
D	mewyoh8417-de			f1derived	1141	793	565	497	68	75	501	437
D	mgdroh62 06-de mgnloh86 06-de			f1derived f1derived	3834 3520	2029 1704	1069 1235	1044	25 41	124 76	2641	964
D	mmbgoh8617-de			f1derived	8864	4887	2141	1957	184	324	6399	1994 3081
D	mncsoh88 07-de			fiderived	3108	2244	1407	1362	45	80	1621	865
D	mnjtoh53 10-de			f1derived	44	44	5	5	0	0	39	32
D	mntroh25 17-de	c-2003	200312	f1derived	10676	5712	3693	3581	112	361	6622	2831
D	mntuoh27 06-de	c-2003	200312	f1derived	2510	1900	1133	1090	43	45	1332	1014
D	monroh53 17-de			f1derived	5602	2302	1649	1605	44	66	3887	1909
D	motloh25 17-de			f1derived	2816	1914	1299	1204	95	63	1454	900
D	mrbooh93 05-de			fiderived	704	88	10	9	1	0	694	686
D	mrfyoh63 10-de mrshoh46 17-de			f1derived f1derived	1415 536	1195	300 216	293	5	5	1110	364
D	mrttoh37 14-de			f1derived	11084	8990	5958	5718	240	406	4720	1146
D	msinoh02 07-de			f1derived	23426	12321	7035	6587	448	231	16160	8670
D	mycyoh76 17-de			f1derived	0	0	0	0	0	0	0	0
D	nctnoh49 10-de		200312	f1derived	56964	28137	16412	15092	1320	###	39407	16884
D	nhhnoh96 17-de	ec-2003	200312	f1derived	1056	524	293	270	23	17	746	74
D	nhidoh49 12-de	ec-2003	200312	f1derived	184	140	74	74	0	0	110	68
D		ec-2003		11derived	10216	5618	3097	2864	233	273	6846	3869
D		c-2003		f1derived	3944	1418	845	795	50	83	3016	2097
D		ec-2003		f1derived	1550	1373	621	601	37	33 87	896	640
D		c-2003		f1derived f1derived	4424 3214	2270	1487	1450	59	23	2850 1670	2540 56
D		c-2003		fiderived	35042	14273	8643	8178	465	780	25619	15283
D	nrwcoh87 12-de			f1derived	812	688	569	545	24	13	230	42
D		ec-2003		f1derived	872	69	50	46	4	0	822	770
D	nwaloh85 13-de	c-2003	200312	f1derived	35764	15149	10497	9665	832	575	24692	13977
D	nwcmoh4913-de	c-2003	200312	f1derived.	3090	2334	1565	1506	59	40	1485	299
D	nwcroh84 17-de			f1derived.	3586	2156	1454	1393	61	116	2016	1102
D	nwixoh34 13-de			f1derived	3874	1919	1279	1236	43	41	2554	372
D	nwmloh54 10-de			fiderived	721	696	311 470	301	10	23	387	317
D	nwmtoh86 13-de nwptoh47 13-de			f1derived f1derived	780 620	689 499	332	455 323	15	17	284	36 32
D	nwrgoh59 17-de			fiderived	890	520	17	17	0	0	873	868
D	nwrmoh66 04-jai			fiderived	28335	21328	12855	11718	1137	921	14559	4647
D	nwwtoh45 10-de			fiderived	1594	544	268	252	16	52	1274	1144
D	olfloh23 20-de	ec-2003	200312	f1derived	15904	8230	4810	4635	175	380	10714	5324
D	orgnoh69 17-de		200312	f1derived	6256	2998	1940	1772	168	159	4157	1776
D		c-2003		f1derived	1317	1039	312	297	15	15	990	625
D	A A COLOR	c-2003		f1derived	10174	6737	4182	3922	260	279	5713	1382
D		c-2003		f1derived f1derived	38763 3396	16581 2450	10708	10299	409 72	698	27357 1977	16247 840
D	progoh 14 17-de			fiderived	14331	6369	4590	4401		444	9297	5946
D	progoh66 24-de			fiderived	5125	3815	2421	2294	127	249	2455	688
D	prhgoh47 31-de			fiderived	5182	1988	781	723	58	40	4361	1965
D		ec-2003		f1derived	136	130	56	37	19	1	79	56
D	rgrsoh22 10-de	c-2003	200312	f1derived.	840	569	197	183	14	6	637	543
D	rigroh24 13-de	ec-2003		f1derived	1459	1119	505	482	23	.5	949	508
D		c-2003		f1derived	782	274	85	75	10	6	691	626
D		ec-2003		f1derived	418	244	114	105	9	0	304	76
D		ec-2003		fiderived	648	356	287	276	11	93	353	28
D		c-2003 c-2003		f1derived f1derived	4258 1133	2482 751	1023 527	989 517	10	6	3142 600	1017
D	rvnnoh02 14-de			fiderived	7993	4655	2757	2656	101	173	5063	1430
D	salmoh33 14-de			fiderived	6168	2317	1249	1141	108	66	4853	1417
D	savloh67 13-de			11derived	744	224	131	127	4	24	589	542
D	sbngoh93 13-de			fidenved	1256	108	48	44	4	4	1204	1162
D	sbvioh26 17-de	ec-2003	200312	f1derived	3478	2383	1641	1562	79	41	1796	683
D		n-2004		fiderived	4538	3402	2504	2470	34	41	1993	795
D		ec-2003		f1derived.	4741	2073	1424	1361	63	54	3263	1882
D		v-2003		fiderived	220	220	113	94	19	5	102	56
D		ec-2003		f1derived	5731	4436	2537	2439	98	46	3148 555	714 554
D	sdlioh87 17-de sggvoh74 17-de	ec-2003		f1derived f1derived	556 550	548	359	351	8	1	190	145
D	sgtroh92 17-de			fiderived	146	146	85	79	6	3	58	44
			dentille	44.000								

							-			
Zo		YearMonth Type 200312 [1derived	Available 29440	14052	Assigned 8730	8355	Other 375	Def 434	20276	Uncommitted 9780
C		200312 f1derived	278	278	190	184	6	6	82	46
C		200311 f1derived	1880	1310	914	896	18	16	950	278
0	sndsoh62 17-dec-2003	200312 f1derived	13155	9487	7363	7001	362	602	5190	2253
C	solnoh24 31-dec-2003	200312 f1derived	27552	11783	5576	5167	409	432	21544	8747
C	spfdoh32 17-dec-2003	200312 f1derived	32310	13775	7731	7244	487	867	23712	13575
C		200312 f1derived	29835	9283	4776	4454	322		24621	14453
C		200312 f1derived	1104	1096	560	523	37	4	540	380
C		200312 f1derived	128	128	66	55	11	3	59	40
0		200312 f1derived	44	44	0	0	0	0	44	44
		200312 f1derived	6692	4139	2665	2549	116		3888	1402
0		200312 f1derived	820	426	220	216	4	15	585	145
0		200312 f1derived 200312 f1derived	4508	3598	2265	2124	141	119	2124	791
0		200312 f1derived	2224 5468	1226 3472	923 1809	910 1753	13 56	15	1286 3570	693 1475
0		200312 f1derived	812	786	428	413	15	43	341	36
D		200312 f1derived	52	52	22	14	8	1	29	18
0		200312 f1derived	912	718	513	470	43	12	387	108
D		200312 f1derived	2132	1646	1200	1162	38	27	905	26
D		200312 f1derived	3784	1944	550	525	25	61	3173	1762
D	upsnoh29 24-dec-2003	200312 f1derived	1932	1396	960	864	96	32	940	558
C	vntnoh38 17-dec-2003	200312 f1derived	1538	908	285	275	10	8	1245	554
C	wachoh33 21-dec-2003	200312 f1derived	4893	3193	1757	1688	69	87	3049	592
D	whhsoh87 24-dec-2003	200312 f1derived	1198	566	424	382	42	22	752	309
C	wjsnoh87 21-dec-2003	200312 f1derived	9116	4325	2009	1966	43	55	7052	5261
	wlfyoh54 24-dec-2003	200312 f1derived	1111	1045	702	690	12	33	376	43
C		200312 f1derived	1122	746	493	477	16	38	591	229
C		200312 f1derived	744	456	292	285	7	10	442	276
C		200312 f1derived	1639	1372	639	618	21	19	981	524
D		200312 f1derived	16969	7097	3962	3720	242		12727	5318
D		200312 f1derived	1508	1185	734	679	55	37	737	226
0		200312 f1derived	27583	12602	7551	7062			19499	8698
0		200312 f1derived 200312 f1derived	51973 26530	30222 19554	17301	15748	1553 564	242	32406 12014	14404
C		200312 f1derived	3006	2270	1027	959	68	139	1840	823
C		200312 f1derived	11600	5060	2299	2230	69	189	9112	4828
C		200312 f1derived	21053	10566	5217	4592	625		15177	8905
C		200312 f1derived	43838	26433	12273	11703	570	###	30265	12262
C		200312 f1derived	20832	10327	6322	5876			14008	5318
C		200312 f1derived	22832	10295	5569	5024	545		16948	6503
C		200312 f1derived	0	0	0	0	0	0	0	0
C		200312 f1derived	6726	2711	914	750	164	67	5745	2946
C	clevoh53 17-dec-2003	200312 f1derived	8643	7077	3222	3147	75	138	5283	1679
C	clevoh64 28-dec-2003	200312 f1derived	6958	3036	793	721	72	58	6107	3338
C	clevoh74 21-dec-2003	200312 f1derived	32758	14744	7390	6475	915	848	24520	12361
C		200312 [1derived	36527	18259	6539	5886	653		29205	17883
C		200312 f1derived	6234	4730	1859	1763	96	308	4067	1708
C		200312 f1derived	14935	8969	3752	3553	199		10757	3421
C		200312 f1derived	35775	24777	14663	13540	1123	###	19463	7177
C		200312 f1derived	8372	4315	1440	1180	260		6545	2539
C		200312 f1derived	3594	2246	807	757	50	124	2663	947
C		200312 f1derived 200312 f1derived	74752	41737	22518 42291	20970 38853	1548 3438		50059 77092	24159 33574
C		200312 f1derived	123844 53220	68276 32410	19349	17021	2328		31036	16092
C		200312 f1derived	36238	17247	9855	8709	1146		25333	12737
C		200312 f1derived	109508	69400	39331	35162				33387
C		200312 f1derived	26873	14994	5942	5028			20325	7159
C	TANGET OF THE PROPERTY.	200312 f1derived	5379	3540	2374	2272		309	2696	1674
C		200312 f1derived	14927	6852	3624	3266	358	584	10719	2753
C		200312 f1derived	24955	12376	6612	6079	533	613	17730	7726
C		200312 f1derived	21415	9141	5156	4475	681	428	15831	9593
C		200312 f1derived	50484	22757	9580	9111	469	906	39998	12562
C		200312 f1derived	10023	4819	2632	2423	209	257	7134	3016
C		200312 f1derived	28397	16203	7597	7009			20215	6510
C		200312 f1derived	10618	6184	3155	3064		189	7274	3617
C		200312 f1derived	34740	11899	6838	5666			27300	15344
C		200312 f1derived	4394	1688	1027	930	97	37	3330	2237
C		200312 f1derived	8504	4686	2781	2547		153	5570	1293
0		200312 f1derived	9707	5552	2587	2458	129	265	6855	2652
C		200312 f1derived	1046	326	139	128	11	239	903	818
C		200312 f1derived 200312 f1derived	11868 1869	3596 981	2076	1905	56	10	9553 1582	6505 1189
C		200312 f1derived	13485	3989	2154	1891			11021	6864
C		200312 f1derived	26286	11086	5810	4705			19764	11866
C		200312 f1derived	5254	3789	2341	2184		275	2638	1042
C		200312 f1derived	19319	13531	5855	5451			12850	6681
C		200312 f1derived	20724	15830	6581	5902			13541	4016
C		200312 f1derived	96686	60932	32871	30929			60686	23311

Zone	MC CTTI	ExtractDate	YearMonth	Type	Available	Equipped	Assigned	Working	Other	Def	Spare	Uncommitted
C	wlghoh94	24-dec-2003	200312	f1derived	42342	19749	11943	11135	808	950	29449	18185
C	wotnoh88	24-dec-2003	200312	f1derived	84296	62291	31132	28056	3076	###	48898	14694
C	wslkoh87	21-dec-2003	200312	f1derived	30753	15633	7319	6835	484	605	22829	13168
C	yntwoh74	10-dec-2003	200312	f1derived	5886	1506	683	652	31	42	5161	1444
C	yntwoh78	21-dec-2003	200312	f1derived	1208	518	149	110	39	0	1059	780
В	akmoh25	04-jan-2004	200312	f1derived.	23230	13528	5870	5710	160	396	16964	5401
В	clevoh42	31-dec-2003	200312	f1derived	14649	9158	7023	6899	124	113	7513	2064
В	clevoh43	30-nov-2003	200312	f1derived.	10784	3790	1791	1621	170	102	8891	2539
В	clevoh45	31-dec-2003	200312	f1derived	2536	1362	562	441	121	37	1937	702
В	clevoh62	06-dec-2003	200312	f1derived	61672	30835	14605	14036	569	738	46329	8418
В	clevoh63	07-dec-2003	200312	f1derived	6039	2642	1484	1340	144	139	4416	2105
В	clhgoh32	31-dec-2003	200312	f1derived	4728	2832	1873	1559	314	117	2738	1505
В	dmboh11	31-dec-2003	200312	f1derived	68675	42250	18158	17616	542	###	49416	7104
В	dytnoh22	10-dec-2003	200312	f1derived.	13211	7572	2864	2590	274	289	10058	2247
В	lkwdoh52	30-nov-2003	200312	f1derived.	8664	5500	3208	2843	365	265	5191	1729
В	shhgoh92	24-dec-2003	200312	f1derived	7068	4056	2070	1715	355	134	4864	1442
В	toldoh21	17-dec-2003	200312	f1derived	7631	5007	3489	3258	231	119	4023	1917

Exhibit MS-16, sheet "SBC Data" Confidential Data

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Zone			YearMonth	Type	Available	Equipped	Assigned	Working	Other	Def	Spare	Uncommitted
D	abrdoh79 03-	an-2004 an-2004		Incopper	1200 51476	0	534 13847	511 13366	23 481	101 2660	565 34969	18010
D	alncoh82 04- araboh64 04-	Beerly Service 1		fncopper fncopper	4541	0	1126	1094	32	167	3248	2580
D		an-2004		Incopper	8526	0	2164	2115	49	383	5979	4169
D		nov-2003		Incopper	90475	0	17849	16989	860	1537	71089	43559
D	bdfroh23 31-	dec-2003	200312	Incopper	75352	0	20600	19873	727		51961	28943
D	bdmnoh7520-			Incopper	65160	0	19548	18971	577		42170	20618
D		dec-2003		fncopper	4350	0	997	981	16	85	3268	2268
D		an-2004		Incopper	23450	0	5699 324	5549 311	150	745 58	1700 6	10915
0		an-2004 dec-2003		fncopper	1100	0	4506	4398	108	216	14573	10828
D	bingoh35 03-			Incopper	2600	0	742	732	10	278	1580	793
D		dec-2003		Incopper	20285	0	4111	3976	135	489	15685	10579
D	bmbgoh4331-		200312	fncopper	4600	0	730	696	34	81	3789	3188
D	bridoh44 04-	an-2004	200312	Incopper	10375	0	3258	3047	211	490	6627	3790
D		dec-2003		Incopper	64425	0	17977	17357	620	4147	42301	20210
D	TO THE STATE OF TH	dec-2003		fncopper	20851	0	6306	6121	185	1034	13511	6312
D		dec-2003 jan-2004		fncopper	19425 2498	0	3927 816	3824 803	103	364 45	15134	11690 731
D		dec-2003		Incopper	4396	0	705	680	25	36	3655	3035
D	bwrvoh45 03-			Incopper	0	0	0	0	0	0	0	0
D	The second secon	dec-2003		Incopper	950	0	281	276	5	59	610	250
D	cdvloh76 03-	jan-2004	200312	Incopper	3600	0	517	504	13	64	3019	1675
D		dec-2003		Incopper	24450	0	7846	7559	287	1130	15474	8593
D		dec-2003		Incopper	1650	0	652	625	27	45	953	352
D		an-2004		fncopper	13501 35819	0	4016 10788	3659 10165	357 623	466 1502	9019 23529	5302 14670
D	The state of the s	jan-2004		fncopper fncopper	25665	0	6743	6401	342		17973	9952
D	cnsvoh82 31-			Incopper	1306	0	416	410	6	40	850	652
D		dec-2003		Incopper	134637	0	35166	33494	1672	9389	90082	39403
D	criwioh83 31-	dec-2003	200312	Incopper	162000	0	31645	28948	2697	4027	1E+05	82763
D	crbgoh85 02-	jan-2004	200312	Incopper	1150	0	366	363	3	113	671	281
D		dec-2003		fncopper	1756	0	346	337	9	17	1393	984
D		dec-2003		fncopper	11500	0	1600	1578	22	94	9806	7870
D		jan-2004		Incopper	8461 35841	0	2974 8551	2880 8260	94 291	599 741	4888 26549	2754 17075
D		dec-2003 dec-2003		Incopper	50025	0	12073	11691		2466	35486	22430
D	danhoh28 10-			Incopper	3175	0	534	527	7	65	2576	2281
D		dec-2003		Incopper	4452	0	917	898	19	75	3460	2268
D	dltnoh82 03-	jan-2004	200312	Incopper	4825	0	1640	1539	101	221	2964	1507
D	The state of the s	dec-2003		Incopper	7498	0	2046	1999	47	162	5290	3889
D		dec-2003		Incopper	2150	0	609	589	20	77 89	1464	863
D		dec-2003		Incopper	7730 96900	0	1872 26661	1817 25683	55 978		5769 61048	3711
D		jan-2004 dec-2003		Incopper	90830	0	22120	21315	805	5495	63215	31937
D		dec-2003		Incopper	9300	0	2669	2606	63	397	6234	3240
D		jan-2004		Incopper	37854	0	9891	9450	441	2087	25876	12454
D	enonoh86 10-	dec-2003	200312	Incopper	10575	. 0	3526	3398	128	908	6141	2374
D		jan-2004		Incopper	6650	0	1934	1875	59	259	4457	1462
D		dec-2003		Incopper	55375	0	12935	12441	494	2660	39780	25596
D		dec-2003		Incopper	4400 1250	0	870 365	355	26 10	152	733	2608 415
D		dec-2003 dec-2003		fncopper	108922	0	32101	30685	1416		69979	38256
D		dec-2003		Incopper	60746	0	15722	14859	863		40580	22805
D		dec-2003		fncopper	51462	0	17664	16994	670	4250	29548	16516
D	fstach43 14-	dec-2003	200312	fncopper	32750	0	9785	9424			21114	11282
D	fvpwoh88 14-			Incopper	58425	0	15544	15253	291		40692	23755
D		dec-2003		Incopper	800	0	199	198	1	15	586	475
D		dec-2003		fncopper	23225	0	7243 6691	7045 6419	198	770	15212 22896	9329 16319
D	gnbgoh89 31- gndnoh25 07-			fncopper fncopper	30800 4550	0	917	899	18	58	3575	2335
D	gycyoh87 07-			fncopper	165669	0	29464	27199			1E+05	94631
D	gyvloh93 07-			Incopper	3050	0	539	531	8	41	2470	1826
D	hbrdoh02 20-	dec-2003	200312	fncopper	16075	0	5240	5089	151		9969	4660
D		dec-2003		Incopper	33325	0	8307	7987	320		24133	16343
D		dec-2003		Incopper	132350	0	28280	27021			96308	50022
D		dec-2003		Incopper	175111	0	40202 3524	35666 3440	4536 84		1E+05	74499 5509
D	hrbgoh87 07- htvloh02 31-	dec-2003 dec-2003		Incopper	15700 21450	0	6147	6001	146		14013	8143
D		dec-2003		Incopper	46908	0	13245	12783	462		32320	20598
D		dec-2003		Incopper	3675	0	535	524	11	68	3072	2029
D	jmtwoh67 13-			Incopper	8800	0	1590	1546	44		6876	5387
D		dec-2003		Incopper	82929	0	19304	18398	906		60332	40569
D		dec-2003		Incopper	17250	0	3904	3828	76		13078	8503
D		dec-2003		Incopper	109491	0	20003	19048	955 34	3545 152	85943	54106
D		dec-2003 dec-2003		Incopper	3400 94776	0	962 20877	928 20121			2286 70348	1513 46017
U	Ricacinos 10-	460-2003	200312	moopper	201.10	u	Louit		. 50	2001		799611

Zone	WC CLLI ExtractDate	YearMonth Type	Available	Equipped	Assigned	Working	Other	Def	Spare	Uncommitted
D	Indsoh66 13-dec-2003	200312 Incopper	1850	0	727	710	17	128	995	564
D	londoh85 10-dec-2003	200312 Incopper	45355	0	6742	6494	248		37779	25944
D	Irtpoh75 31-dec-2003	200312 Incopper	51901	0	13435	12965		3383	35083	17224
D	Isbnoh42 31-dec-2003	200312 Incopper	12375	0	3271	3188	83	624	8480	5990
D	Isvioh87 31-dec-2003	200312 Incopper	26825	0	6698 992	6542 966	156 26	835 119	19292	10922 1231
D	Itnaoh02 31-dec-2003 Iwvloh56 10-dec-2003	200312 Incopper 200312 Incopper	3656 1850	0	333	331	20	30	1487	1190
D	lytpoh25 17-dec-2003	200312 Incopper	6850	0	1325	1310	15	127	5398	4301
D	maumoh1117-dec-2003	200312 Incopper	48633	0	12294	11917	377	2904	33435	15459
D	mcvloh25 07-dec-2003	200312 fncopper	5757	0	1614	1571	43	109	4034	3000
D	mdtwoh42 14-dec-2003	200312 Incopper	133350	0	32178	30755	1423	7372	93800	54104
D	mdvloh94 10-dec-2003	200312 fncopper	2100	0	669	661	8	49	1382	1006
D	mewyoh8417-dec-2003		8000	0	2809	2726	83	943	4248	2300
D	mgdroh62 06-dec-2003		16750	0	4406	4302	104		11563	7296
D	mgnloh86 06-dec-2003	200312 Incopper	11950	0	3565	3489	76	473	7912	4926
D	mmbgoh8617-dec-2003	200312 fncopper	87050 13510	0	20980	20128	852 125	4968 594	61102 8925	34468
D	mncsoh88 07-dec-2003 mnjtoh53 10-dec-2003	200312 fncopper 200312 fncopper	4200	0	3991 873	3866 849	24	56	3271	5354 2440
D	mntroh25 17-dec-2003		61800	0	16555	16252	303		43039	22819
D	mntuoh27 06-dec-2003		8975	0	2740	2627	113	460	5775	3478
D	monroh53 17-dec-2003		29400	0	4761	4642	119	975	23664	17041
D	motloh25 17-dec-2003	HOUSE NO. 10 10 10 10 10 10 10 10 10 10 10 10 10	33950	0	10168	9900	268	1919	21863	12147
D	mrbooh93 05-dec-2003	200312 Incopper	4300	0	1289	1251	38	236	2775	1958
D	mrfyoh63 10-dec-2003	200312 Incopper	26348	0	6240	6049	191		19699	13939
D	mrshoh46 17-dec-2003	200312 fncopper	4550	0	890	849	41	106	3554	2999
D	mrttoh37 14-dec-2003		80497	0	16485	15949	536	1363		40745
D	mslnoh02 07-dec-2003		117443	0	31776	30487	1289	4993	7777	46416
D	mycyoh76 17-dec-2003		212188	0	50862	48952	1910	7754	0 2E+05	85526
D	nctnoh49 10-dec-2003 nhhnoh96 17-dec-2003		213188 5025	0	1154	1117	37	294	3577	1629
D	nhidoh49 12-dec-2003	200312 Incopper	1000	0	178	177	1	13	809	495
D	nilsoh65 07-dec-2003	200312 Incopper	55850	0	14733	14162	571		38012	20998
D	nindoh48 31-dec-2003		16725	0	5368	5243	125	797	10560	5115
D	njsnoh53 06-dec-2003	200312 Incopper	7151	0	1700	1667	33	281	5170	3414
D	nlimoh54 10-dec-2003	200312 Incopper	9950	0	3186	3073	113	475	6289	3646
D	nlvloh75 13-dec-2003		16512	0	4236	4040	196	434	11842	8425
D	nrtnoh23 06-dec-2003		100850	0	20895	20032	863	1992		53374
D	nrwcoh87 12-dec-2003	200312 Incopper	2190	0	566	548	18	40	1584	1134
D	nvrroh87 10-dec-2003		4850	0	1492 15968	1457	35 2172	131	3227 67873	1778 43325
D	nwaloh85 13-dec-2003 nwcmoh4913-dec-2003		85625 22175	0	3988	3890	98	403		13450
D	nwcroh84 17-dec-2003		20100	0	5290	5150	140		13709	9527
D	nwtxoh34 13-dec-2003		14145	0	2809	2706	103		11166	8624
D	nwmloh54 10-dec-2003		5650	0	1626	1578	48	372	3652	2053
D	nwmtoh86 13-dec-2003	200312 Incopper	5157	0	884	861	23	94	4179	3285
D	nwptoh47 13-dec-2003	200312 Incopper	5231	0	1018	991	27	263	3950	2849
D	nwrgoh59 17-dec-2003		3950	0	1025	1007	18	163	2762	1467
D	nwrmoh66 04-jan-2004	200312 fncopper	118300	0	26283	23603	2680			51644
D	nwwtoh45 10-dec-2003		4050	0	1197	1137	60	245	2608	1513
D	olfloh23 20-dec-2003		38150 102084	0	9636 24488	9347 23202	289 1286		27688 70769	16921 43006
D	orgnoh69 17-dec-2003 patroh37 24-dec-2003		3230	0	669	631	38	38	2523	1986
D	piguoh77 17-dec-2003		53975	0	11764	11194			40365	25589
D	pnvloh35 17-dec-2003		134481	0	32513	31543			97758	57856
D	poldoh75 20-dec-2003		25000	0	8256	8056			15393	7922
D	progoh14 17-dec-2003		62552	0	16124	15045	1079	3700	42728	24605
D	progoh66 24-dec-2003	200312 Incopper	43433	0	11337	10909	428	3538	28558	16929
D	prhgoh47 31-dec-2003		60090	0		14642	478		42465	25797
D	ptchoh26 17-dec-2003		200	0		101	1	29	69	2
D	rgrsoh22 10-dec-2003		3650	0		1015	31	197		1511
D	rigroh24 13-dec-2003		7876	0		1167	43	193	6473	3830
D	mbooh36 17-dec-2003		2300 6100	0		582 1470	28 70	139	1551	450 3311
D	rplyoh39 17-dec-2003 rsvloh69 13-dec-2003		3860	0		828	39	74		1717
D	rttwoh32 10-dec-2003		18250	o		3466	106	568		10560
D	ruvloh53 13-dec-2003		3700	0		615	14	64	3007	2350
D	rvnnoh02 14-dec-2003		45310	0		12205	434		30727	17985
D	salmoh33 14-dec-2003		29901	0		7945	312		20589	12829
D	savloh67 13-dec-2003		1761	0	512	489	23	90		695
D	sbngoh93 13-dec-2003		9575	0		2800	181	390		2012
D	sbvioh26 17-dec-2003	200312 fncopper	34705	0		10487	318		22942	12471
D	sbvioh28 04-jan-2004	200312 Incopper	41146	0		9885	303		30017	14336
D	scldoh72 17-dec-2003		28815	0		7851	130		19974	12792
D	sctnoh46 19-nov-2003		1900	0		618	18	173		403
D	scvioh69 17-dec-2003		21775	0		5120	152	403	16100	9203
D	sdlioh87 17-dec-2003		4400			877	16			2610
D	sggvoh74 17-dec-2003 sgtroh92 17-dec-2003		900			179	6		684	600
	-9.00.00	wasser manhing	2,50						000	

Exhibit MS-16, sheet "SBC Data"

Zone	WC CLLI	ExtractDate	YearMonth	Туре	Available	Equipped	Assigned	Working	Other	Def	Spare	Uncommitted
D		21-dec-2003		Incopper	100900	0	24251	23494	757		73400	46477
D	shwnoh39	17-dec-2003	200312	Incopper	1950	0	578	547	31	62	1310	981
D	smrtoh74	19-nov-2003	200311	fncopper	10419	0	2262	2201	61	104	8053	6053
D		17-dec-2003	200312	Incopper	84259	0	24907	23816			51840	28536
D		31-dec-2003		Incopper	96226	0	20139	19624	515		73545	43578
D		17-dec-2003		Incopper	133982	0	28742	27274	1468			63683
D		17-dec-2003		fncopper	74400	0	17394	16769	625	7.55	53540	35641
D	1.0	13-dec-2003		Incopper	8875	0	2767	2588	179	214	5894	2706
D		23-dec-2003		fncopper	2175	0	707	681	26	110	1358	754
D		17-dec-2003		fncopper	0	0	0	0	0	0	0	0
D		31-dec-2003		Incopper	24225	0	6754	6346	408	1006		9475
D		17-dec-2003		Incopper	2950	0	736	712	24	210	2004	1100
D	tffnoh44	24-dec-2003		Incopper	45805	0	13860	13294	566	3698	28247	15304
D	thvloh24	17-dec-2003		Incopper	7381	0	1747	1719	28	139	5495	4184
D		06-dec-2003		fncopper	47850	0	12415	11941	474		33332	20412
D		10-dec-2003		fncopper	10587	0	3382	3273	109	253	6952	3672
D		23-dec-2003		Incopper	500	0	266	254	12	52	182	105
D		24-dec-2003		Incopper	18375	0	4379	4213	166		13273	8799
D		17-dec-2003		fncopper	31000	0	6350	6149 5872	201 542	592		16628
0		14-dec-2003		Incopper	25075 17756	0	6414 5474	5261	213	1323	17338	11050
D	-	24-dec-2003 17-dec-2003		fncopper fncopper	6330	0	1135	1096	39	89	5106	5780 4392
D		21-dec-2003		Incopper	36996	0	8712	8306	406	747	27537	17583
D		24-dec-2003		Incopper	9371	0	2816	2720	96	600	5955	3113
D		21-dec-2003		Incopper	19975	0	3739	3656	83	309	15927	10583
0		24-dec-2003		Incopper	14300	0	2365	2316	49	205	11730	8898
D		20-dec-2003		fncopper	7499	0	2408	2343	65	409	4682	2763
D		24-dec-2003		Incopper	4000	0	967	957	10	101	2932	2278
0		20-dec-2003		Incopper	4233	0	1314	1271	43	74	2845	1769
D		24-dec-2003		fncopper	63310	0	14017	13463	554		46681	29735
D	.,	24-dec-2003		Incopper	15250	0	3323	3211	112		11382	7745
D	4	14-dec-2003		Incopper	96769	0	28791	27987		4.4700	62974	31511
D		24-dec-2003		fncopper	137280	0	29574	28539			1E+05	63352
D		24-dec-2003		Incopper	106178	0	30436	29322			73040	44791
C		10-dec-2003		Incopper	55550	0	16418	15542			34579	15026
C		14-dec-2003		Incopper	63375	0	17332	16801			42396	22917
C		14-dec-2003		Incopper	98224	0	27850	27046			63984	33864
C		31-dec-2003		Incopper	81947	0	23956	23319	637		54873	25581
C		28-dec-2003		fncopper	87515	0	23271	22384			61015	31846
C		30-nov-2003		Incopper	74800	0	18209	17806			54356	32704
C		09-nov-2003		Incopper	0	0	0	0	0	0	0	0
C		30-nov-2003		Incopper	95825	0	30217	28902	1315		59850	25000
C		17-dec-2003		Incopper	98286	0	25596	24494	1102	4388	68302	35968
C	clevoh64	28-dec-2003		Incopper	108375	0	30143	28477	1666	6210	72022	24539
C	devoh74	21-dec-2003		fncopper	127440	0	39664	38317	1347	5713	82063	35419
C	clmboh23	30-nov-2003		fncopper	155651	0	35812	33242	2570	8790	1E+05	63587
C	clmboh25	31-dec-2003		Incopper	75351	0	17284	15507	1777	5538	52529	29961
C	clmboh26	04-jan-2004	200312	fncopper	98476	0	28480	27024	1456	5167	64829	30909
C	clmboh27	31-dec-2003	200312	fncopper	141757	0	37546	34592	2954	6757	97454	52161
C	clmboh29	04-jan-2004	200312	Incopper	86325	0	21600	19849	1751	6716	58009	24765
C	clmboh44	07-dec-2003	200312	fncopper	66575	0	17207	15728	1479	4396	44972	25323
C	clmboh47	07-dec-2003	200312	Incopper	189460	0	46443	41596	4847	9397	1E+05	72857
C	clmboh86	17-dec-2003	200312	fncopper	341408	0	74685	66988	7697	****	3E+05	148202
C	cntmoh43	04-jan-2004	200312	fncopper	181175	0	52685	50936	1749	****	1E+05	54287
C	cyfloh92	21-dec-2003	200312	fncopper	137726	0	35829	34506	1323	8645	93252	54855
C	dblnoh89	31-dec-2003	200312	fncopper	278204	0	61314				2E+05	109829
C	dytnoh25	10-dec-2003	200312	Incopper	101125	0	30474	28843	1631	7975	62676	27768
C		10-dec-2003	200312	fncopper	40250	0	9276	8774	502	3030	27944	16586
C	dytnoh27	04-jan-2004	200312	fncopper	99853	0	25027	23615			65528	31715
C	dytnoh29	10-dec-2003	200312	fncopper	130451	0	38032				84182	36740
C	ecldoh73	17-dec-2003	200312	fncopper	117395	0	36508	35584			76113	36643
C	indpoh52	27-dec-2003	200312	Incopper	66975	0	14615	14438			50714	27933
C	mphgoh66	17-dec-2003		fncopper	109800	0	34918	33806			68533	33331
C		17-dec-2003		Incopper	123946	0	30514	29787			89136	52226
C		20-dec-2003		Incopper	82415	0	22844	22224			56368	30111
C	A	21-dec-2003		fncopper	146060	0	45966	44160			93079	46833
C		29-nov-2003		Incopper	54475	0	18548	17863			33011	15829
C		31-dec-2003		Incopper	70400	0	23098	22296			44388	21758
C		10-dec-2003		fncopper	47850	0	13226	12573			31778	17816
C	strtoh75	20-dec-2003		Incopper	30225	0	9421	9186			18444	6320
C		17-dec-2003		Incopper	90277	0	24110				59761	27664
C		24-dec-2003		fncopper	55343	0	16141	15332			35225	16372
C	toldoh47	24-dec-2003		Incopper	98551	0	32466	30971			57485	23956
C		17-dec-2003		Incopper	103855	0	27237	25937			66275	34322
C	toldoh72	24-dec-2003		fncopper	51100	0	15238	14568			30750	13951
C		04-jan-2004		Incopper	112460	0	30381				75425	37673
C		10-dec-2003		fncopper	75450	0	20310	18953			51753	26324
C	wevloh88	21-dec-2003	200312	Incopper	231517	0	60818	56950	3668	****	2E+05	82822

Zone	MC_CLLI	ExtractDate	YearMonth	Type	Available	Equipped	Assigned	Working	Other	Def	Spare	Uncommitted
C	wighoh94	24-dec-2003	200312	Incopper	135055	0	37033	36139	894	4560	93462	47160
C	wotnoh88	24-dec-2003	200312	fncopper	243205	0	60975	57016	3959	####	2E+05	84263
C	wslkoh87	21-dec-2003	200312	fncopper	101369	0	27071	25982	1089	2867	71431	36751
C	yntwoh74	10-dec-2003	200312	fncopper	68841	0	13440	12537	903	4945	50456	20362
C	yntwoh78	21-dec-2003	200312	Incopper	51775	0	15577	14887	690	4678	31520	10766
В	akmoh25	04-jan-2004	200312	fncopper	124925	0	25912	23959	1953	9081	89932	32946
В	clevoh42	31-dec-2003	200312	fncopper	92704	0	21989	20563	1426	5250	65465	23602
В	clevoh43	30-nov-2003	200312	fncopper	85277	0	17834	16217	1617	5123	62320	23595
В	clevoh45	31-dec-2003	200312	fncopper	122850	0	28541	26522	2019	7837	86472	34957
B	clevoh62	06-dec-2003	200312	fncopper	69326	0	16747	15927	820	1603	50976	20558
В	clevoh63	07-dec-2003	200312	fncopper	91775	0	26990	24908	2082	4158	60627	20885
В	clhgoh32	31-dec-2003	200312	Incopper	69460	0	24486	23350	1136	4110	40864	18608
B	clmboh11	31-dec-2003	200312	Incopper	100119	0	14573	13181	1392	5249	80297	36653
В	dytnoh22	10-dec-2003	200312	fncopper	75108	0	14195	13415	780	4588	56325	23205
В	lkwdoh52	30-nov-2003	200312	Incopper	75175	0	27297	25541	1756	5031	42847	15827
В	shhqoh92	24-dec-2003	200312	Incopper	119100	0	39796	37770	2026	8353	70951	28676
В	toldoh21	17-dec-2003	200312	fncopper	111570	0	22453	20825	1628	8723	80394	34696

Zone	WC_CLLI	ExtractDate	YearMonth Type	194 Available	158 Equipped	Assigned	22 Working	Other	Def	Spare	26 Uncommitted
D		03-jan-2004	200312 fnderived	0	0	0	0	0	0	O	Uncommitted 0
D	alncoh82		200312 Inderived	0	0	0	0	0	0	0	0
D		04-jan-2004	200312 Inderived	0	0	0	0	0	0	0	0
D	atwroh94 bcvloh52		200312 Inderived	0	0	0	0	0	0	0	0
D	bdfroh23	30-nov-2003 31-dec-2003	200312 Inderived 200312 Inderived	0	0	0	0	0	0	0	0
D		20-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	bevloh92	31-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	blbkoh84	03-jan-2004	200312 Inderived	0	0	0	0	0	0	0	0
D	blfsoh76	03-jan-2004	200312 Inderived	0	0	0	0	0	0	0	0
D	bliroh67	31-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	biproh42	03-jan-2004 31-dec-2003	200312 fnderived 200312 fnderived	0	0	0	0	0	0	0	0
D	A Company of the Comp	31-dec-2003	200312 Inderived	0	Ö	0	0	0	0	0	0
D	bridoh44	04-jan-2004	200312 Inderived	0	0	0	0	0	0	0	0
D	brtnoh74	14-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	brtnoh82	14-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	brtooh83	31-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	brvioh42	04-jan-2004	200312 Inderived	0	0	0	0	0	0	0	0
D	bthsoh48	31-dec-2003 03-jan-2004	200312 Inderived 200312 Inderived	0	0	0	0	0	0	0	0
D	catnoh45	31-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	cdvloh76	03-jan-2004	200312 Inderived	0	0	0	0	0	0	0	0
D	chfloh24	31-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	chsgoh36	31-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	clbnoh48	04-jan-2004	200312 Inderived	0	0	0	0	0	0	0	0
D	cnfdoh02	03-jan-2004	200312 Inderived	0	0	0	0	0	0	0	0
D	cnfloh01	04-jan-2004	200312 Inderived	0	0	0	0	0	0	0	0
D	cntnoh45	31-dec-2003 31-dec-2003	200312 Inderived 200312 Inderived	0	0	0	0	0	0	0	0
D		31-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D		02-jan-2004	200312 Inderived	0	0	0	0	0	0	0	0
D	crngoh34	31-dec-2003	200312 fnderived	0	0	0	0	0	0	0	0
D	crrloh75	31-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	cstloh68	04-jan-2004	200312 Inderived	0	0	0	0	0	0	0	0
D	cstnoh62	31-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	cvtpoh02	06-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	dffyoh48	10-dec-2003 07-dec-2003	200312 Inderived 200312 Inderived	0	0	0	0	0	0	0	0
D	dltnoh82	03-jan-2004	200312 Inderived	0	0	0	0	0	0	0	0
D	dnfloh67	13-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	dnvloh88	10-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	drsdoh75	31-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D		04-jan-2004	200312 Inderived	0	0	0	0	0	0	0	0
D	dytnoh89	24-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	ectnoh48 elvroh38	31-dec-2003 04-jan-2004	200312 Inderived 200312 Inderived	0	0	0	0	0	0	0	0
D		10-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D		03-jan-2004	200312 Inderived	0	0	0	0	0	0	0	0
D	fkInoh01	13-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	filmoh84	07-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	fltcoh99	13-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D		14-dec-2003	200312 Indenved	0	0	0	0	0	0	0	0
D	frbnoh87 frmtoh33	10-dec-2003 14-dec-2003	200312 Inderived 200312 Inderived	72	36	23	22	0	0	49	0
D	fstaoh43	14-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D		14-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	glfroh65	17-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	glploh44	07-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D		31-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D		07-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D		07-dec-2003 07-dec-2003	200312 Inderived 200312 Inderived	0	0	0	0	0	0	0	0
D		20-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
0		14-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	hildon 11	13-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	hirdoh87	10-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D		07-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D		31-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	irtnoh53 jfvloh42	10-dec-2003 10-dec-2003	200312 Inderived 200312 Inderived	0	0	0	0	0	0	0	0
D		13-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D		10-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	krldoh25	17-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D		10-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
		31-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0
D	Incsoh65	10-dec-2003	200312 Inderived	0	0	0	0	0	0	0	0

Zone	WC_CLLI	ExtractDate	Year Month	Туре	Available	Equipped	Assigned	Working	Other	Def	Spare	Uncommitted
D		13-dec-2003		Inderived	0	0	0	0	0	0	0	0
D	londoh85	10-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
D	htpoh75	31-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
D	Isbnoh42	31-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
D	Isvloh87	31-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
D	Itnaoh02	31-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
D	lwvloh56	10-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
D	lytpoh25	17-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
D	maumoh1	117-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
D	mcvloh25	07-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
D	mdtwoh42	14-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
D	mdvloh94	10-dec-2003	200312	Inderived.	0	0	0	0	0	0	0	0
D	mewyoh84	17-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
D	mgdroh62	06-dec-2003	200312	fnderived	0	0	0	0	0	0	0	0
D	mgnloh86	06-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
D	mmbgoh8i	817-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
D	mncsoh88	07-dec-2003	200312	Inderived	0	0	0	0	0	.0	0	0
D	mnjtoh53	10-dec-2003	200312	Indenved	0	0	0	0	0	0	0	0
D		17-dec-2003		Inderived	0	0	0	0	0	0	0	0
D	mntuoh27	06-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
D		17-dec-2003		Inderived	0	0	0	0	0	0	0	0
D	motloh25	17-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
D	mrbooh93	05-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
D	A CONTRACTOR OF THE PARTY OF TH	10-dec-2003		fnderived	0	0	0	D	0	0	0	0
D		17-dec-2003		fnderived	0	0	0	0	0	0	0	0
D		14-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		07-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		17-dec-2003		fnderived	0	0	0	0	0	0	0	0
D		10-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		17-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		12-dec-2003		Inderived	0	0	0	0	0	0	0	0
D	nilsah65	07-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		31-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		06-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		10-dec-2003		Inderived	0	0	0	0	0	0	0	0
D	nivioh75	13-dec-2003		fnderived	0	0	0	0	0	0	0	0
D	nrtnoh23	06-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		12-dec-2003		fnderived	0	0	0	0	0	0	0	0
D		10-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		13-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		13-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		17-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		13-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		10-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		13-dec-2003 13-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		17-dec-2003		Inderived	0	0	0	0	0	0	0	0
D	7 - 7	04-jan-2004		Inderived	0	0	0	0	0	0	0	0
D		10-dec-2003		Inderived	0	0	0	0	0	0	0	0
D	olfloh23	20-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		17-dec-2003		Inderived	0	0	0	0	0	0	0	0
D	patroh37	24-dec-2003		Indenved	0	0	0	0	0	0	0	0
D		17-dec-2003		Indenved	0	0	0	0	0	0	0	. 0
D	7	17-dec-2003		Inderived	0	ō	0	0	0	0	0	0
D		20-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		17-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		24-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		31-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		17-dec-2003		Inderived	0	0	0	0	0	0	0	0
D	rgrsoh22	10-dec-2003		Inderived	0	0	0	0	0	0	0	0
D	rigroh24	13-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		17-dec-2003		Inderived	0	0	0	0	0	0	0	0
D	rplyoh39	17-dec-2003		Inderived	0	0	0	0	0	0	0	o o
D	rsvloh69	13-dec-2003		Inderived	0	0	0	0	0	0	0	0
D	rttwoh32	10-dec-2003		Inderived	0	0	0	0	0	0	- 0	0
D	ruvloh53	13-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		14-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		14-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		13-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		13-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		17-dec-2003		Inderived	0	0	0	0	0	0	0	0
D		04-jan-2004		Inderived	0	0	0	0	0	0	0	0
D		17-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
D	sctnoh46	19-nov-2003	200311	Indenved	0	0	0	0	0	0	0	0
D	scvioh69	17-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
D	sdlioh87	17-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
D	sggvoh74	17-dec-2003	200312	fnderived	0	0	0	0	0	0	0	0
D	sgtroh92	17-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0

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D	D	thyloh24	17-dec-2003	200312	Inderived	0	0	0	0	0	0	0	
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C akmoh78 14-dec-2003 200312 Inderived 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	D	znvloh45	24-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
C akmoh86 14-dec-2003 200312 Inderived 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C	akmoh72	10-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
C bewdoh46 31-dec-2003 200312 Inderived 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		akmoh78	14-dec-2003	200312	Indenved	0	0		0	0	0	0	0
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C nolmoh77 20-dec-2003 200312 Inderived 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		mphgoh66	17-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
C parmoh88 21-dec-2003 200312 Inderived 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C	myhgoh44	17-dec-2003	200312	fnderived	0	0	0	0	0	0	0	0
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C uparoh45 04-jan-2004 200312 Inderived 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0										1.7	175		
C uparoh48 10-dec-2003 200312 Inderived 0 0 0 0 0 0 0 0									-				
C wevloh88 21-dec-2003 200312 Inderived 0 0 0 0 0 0 0				200312	Inderived								0
	C	wevloh88	21-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0

Zone	MC CTTI	ExtractDate	YearMonth	Type	Available	Equipped	Assigned	Working	Other	Def	Spere	Uncommitted
C	wighoh94	24-dec-2003	200312	fnderived	0	0	0	0	- 0	0	0	0
C	wotnoh88	24-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
C	wslkoh87	21-dec-2003	200312	fnderived	0	0	0	0	0	0	0	0
C	yntwoh74	10-dec-2003	200312	fnderived	0	0	0	0	0	0	0	0
C	yntwoh78	21-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
В	akmoh25	04-jan-2004	200312	fnderived	0	0	0	0	0	0	0	0
В	clevoh42	31-dec-2003	200312	fnderived	0	0	0	0	0	0	0	. 0
В	clevoh43	30-nov-2003	200312	Inderived	0	0	0	0	0	0	0	0
В	clevoh45	31-dec-2003	200312	fnderived	0	0	0	0	0	0	0	0
В	devoh62	06-dec-2003	200312	Inderived	0	0	0	. 0	0	0	0	0
В	clevoh63	07-dec-2003	200312	fnderived	0	0	0	0	0	0	0	0
В	clhgoh32	31-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
В	clmboh11	31-dec-2003	200312	fnderived	0	0	0	0	0	0	0	0
В	dytnoh22	10-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
В	lkwdoh52	30-nov-2003	200312	Inderived	0	0	0	0	0	0	0	0
В	shhgoh92	24-dec-2003	200312	Inderived	0	0	0	0	0	0	0	0
В	toldoh21	17-dec-2003	200312	fnderived	0	0	0	0	0	0	0	0

Exhibit MS-16, sheet "SBC Data" Confidential Data

BEFORE THE

PUBLIC UTILITY COMMISSION OF OHIO

In the matter of the Review of SBC Ohio's)	
TELRIC Costs for Unbundled Network)	Case No. 02-1280-TP-UNC
Elements)	
)	

TESTIMONY OF

MICHAEL STARKEY

EXHIBIT ___ (MS-17)

SBC'S Confidential Responses To Data Requests

This Exhibit is Considered Confidential Pursuant to the Protective Order in Case No. 02-1280-TP-UNC – Filed Under Seal. It is Available Only in the Confidential Version of this Filing

EXHIBIT MS-17 Index of Attached Discovery Responses

CONFIDENTIAL RESPONSES

Requesting Party	Response Notation	PUBLIC/CONF.	EXHIBIT PLACEMENT
AT&T	MS - 3	PUBLIC	Exhibit 18
AT&T	MS - 5	PUBLIC	Exhibit 18
AT&T	MS - 6	CONFIDENTIAL	Exhibit 17
AT&T	MS - 9	PUBLIC	Exhibit 18
AT&T	MS - 17	PUBLIC	Exhibit 18
AT&T	MS - 23	CONFIDENTIAL	Exhibit 17
AT&T	MS - 24	PUBLIC	Exhibit 18
AT&T	MS - 26	PUBLIC	Exhibit 18
AT&T	MS - 27	PUBLIC	Exhibit 18
AT&T	MS - 29	PUBLIC	Exhibit 18
AT&T	MS - 31	PUBLIC	Exhibit 18
AT&T	MS - 33	PUBLIC	Exhibit 18
AT&T	MS - 34	PUBLIC	Exhibit 18
AT&T	MS - 38	PUBLIC	Exhibit 18
AT&T	MS - 41	PUBLIC	Exhibit 18
AT&T	MS - 42	PUBLIC	Exhibit 18
AT&T	MS - 43	PUBLIC	Exhibit 18
AT&T	MS - 44	PUBLIC	Exhibit 18
AT&T	MS - 45	PUBLIC	Exhibit 18
AT&T	MS - 46	PUBLIC	Exhibit 18
AT&T	MS - 47	PUBLIC	Exhibit 18
AT&T	MS - 48	PUBLIC	Exhibit 18
AT&T	MS - 49	PUBLIC	Exhibit 18
AT&T	MS - 50	PUBLIC	Exhibit 18
AT&T	MS - 52	CONFIDENTIAL	Exhibit 17
AT&T	MS - 53	PUBLIC	Exhibit 18
AT&T	MS - 54	CONFIDENTIAL	Exhibit 17
AT&T	MS - 57	CONFIDENTIAL	Exhibit 17
AT&T	MS - 58	PUBLIC	Exhibit 18
AT&T	MS - 63	PUBLIC	Exhibit 18
AT&T	MS - 64	PUBLIC	Exhibit 18
AT&T	MS - 69	PUBLIC	Exhibit 18
AT&T	MS - 70	CONFIDENTIAL	Exhibit 17
AT&T	MS - 73	PUBLIC	Exhibit 18
AT&T	MS - 84	CONFIDENTIAL	Exhibit 17
AT&T	MS - 86	PUBLIC	Exhibit 18
AT&T	MS - 88	PUBLIC	Exhibit 18
AT&T	BFP-46	PUBLIC	Exhibit 18
MCI	MCI02	PUBLIC	Exhibit 18

Public Utilities Commission of Ohio Case No. 02-1280-TP-UNC SBC OHIO'S RESPONSES TO AT&T Communications of OH, Inc. 3rd Set of Data Requests

MS-6:

Please provide an electronic copy of the Southwestern Bell Telephone Activity Code Manual.

Response:

The following attached files (MS-6 (SBC Activity Code Manual.zip)) comprise the electronic version of the Southwestern Bell Activity Code Manual

```
"ac_current_list.xls"
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SBC Ohio did NOT use this manual for the study period of 2000 to 2002.

Responsible Person: Timothy Dominak

Director-Regulatory Accounting (AIT) 2000 W. SBC Center DR Z1, Room 2F82

Hoffman estates, IL 60196

[&]quot;narrative_0XXX.pdf"

[&]quot;narrative_1XXX.pdf"

[&]quot;narrative_2XXX.pdf"

[&]quot;narrative_3XXX.pdf"

[&]quot;narrative_4XXX.pdf"

[&]quot;narrative_general.pdf"

[&]quot;narrative_other.pdf"

[&]quot;narrative_activitycodelist.pdf"

17XX EXTERNAL RELATIONS

6722-This shall include costs incurred in maintaining relations with government, regulators, other companies and the general public. This includes reviewing existing or pending legislation, preparing and presenting information for regulatory purposes, including tariff and service cost filings, and obtaining radio licenses and construction permits, performing public relations and non-product-related corporate image advertising activities, administering relations, including negotiating contracts with telecommunications companies and other utilities, businesses and industries and administering investor relations.

7370-This shall include costs incurred in lobbying and charitable contributions.

Reportable Activity Code	Telco Account Number	Description	Work Rptg Req'd
1700	6722.11	External Relations – Informational Advertising	
1710	6722.11	External Relations – Public Relations	
1711	6722.11	External Relations – Economic Development	
1731	7370.61	External Relations - Influencing Legislation - Federal & State	
1732	7370.61	External Relations - Influencing Legislation - Local	
1740	6722.11	External Relations – Tariff Development	
1750	6722.11	External Relations - Cost Studies	
1770	6722.11	External Relations - Independent Exchange Carrier Relations	
1780	6722.11	External Relations – Contract Administration – Shared Facilities and Services	

READ THE FOLLOWING NARRATIVES BEFORE SELECTING AN ACTIVITY CODE.

1700 EXTERNAL RELATIONS - INFORMATIONAL ADVERTISING

This activity code is applicable to employees who perform the following activities:

- Create, produce and implement advertising in a variety of ways (e.g., newspapers, magazines, radio, television, special exhibits, booklets, pamphlets and bill inserts) to instruct customers in the use of telecommunication services or to provide information about the services to produce a company image
- Perform general office duties (e.g., secretarial and/or clerical activities) in support of AC 1700
- Perform administrative assistance functions (e.g., methods, planning, training) in support of AC 1700
- Supervise employees who perform AC 1700 functions

1710 EXTERNAL RELATIONS - PUBLIC RELATIONS

This activity code is applicable to employees who perform the following activities:

- Develop, interpret and provide administrative control of overall company community relations policies and programs (e.g., consumer issues which includes planning and coordinating the design format and content of Tele-Help Guide pages, pollution control and energy conservation programs)
- Develop and coordinate company educational policies to strengthen company relations with students and educators
- Develop company plans and policies concerning contributions, memberships and subscriptions
- Prepare publications for public information such as magazines, newspapers and bulletins
- Prepare informational material on company issues such as competition, financial aspects and regulatory decisions
- Create, prepare and distribute video and audio programs, films, still photos, slides, audio cassettes, etc., about company policies and practices for special or general public audiences
- Provide information about company policies and goals via public media (e.g., press, radio and television)
- Develop art and design material for programs such as publications posters, graphic symbols and logotypes; coordinate efforts with outside suppliers, designers, illustrators and typographers
- Develop and implement a corporate "common look", i.e., a uniform branded look for use for company vehicles, pay phones, bill logos, calling cards, etc.
- Represent the company public relations point of view in the process of developing new or proposed services
- · Develop information plans and programs in support of service changes
- Develop long-range public relations plans to support business objectives
- · Research and analyze customer attitudes to measure the public perceptions of the business
- · Research and write informational papers such as:
 - · Speeches for executives
 - Correspondence for executives
 - Presentations for government, professional, educational or public audiences or company organizations
- Handle customer service complaints (except those received from regulatory commissions) directed to senior executive officers through phone calls, written correspondence, employee action line, etc.
- Coordinate with all segments involved to ensure customer service problems are corrected
- Refer service problems identified during resolution of customers' complaints to appropriate employees for analyzing possible changes in methods, practices or procedures
- Perform general office duties (e.g., secretarial and/or clerical activities) in support of AC 1710
- · Perform administrative assistance functions (e.g., methods, planning, training) in support of AC 1710
- · Supervise employees who perform AC 1710 functions

EXCLUSIONS:

For handling the customers' complaints when performed as part of the employee's overall responsibility, see the normally assigned AC for the function performed.

For seminars and promotional aids and programs for the purpose of promoting the sale of products and services, see the AC 03XX series.

For centralized drafting and art services (e.g., maps, charts and forms), see the AC 16XX series. For production of Tele-Help Guide pages, see the AC 251X series.

1711 EXTERNAL RELATIONS - ECONOMIC DEVELOPMENT

This activity code is applicable to employees who perform the following activities:

- Develop and implement economic development programs that mobilize human, financial, capital, physical and natural resources to generate marketable goods and services, and expand job opportunities, the tax base and company revenue potential
- · Organize employees for economic development activities and direct efforts
- · Administer company economic development committees
- · Record and direct company memberships in economic development organizations
- · Set priorities for employee economic development activities
- · Develop specific activities
- Represent company in economic development organizations
- Analyze company and area resources for economic development potential:
- · Initiate and participate in community analysis and business surveys
- Identify company resources with economic development practicality
- Develop and write company economic development plans:
- · Designate priorities for company economic development activities
- · Develop programs to address priorities
- Initiate, direct or administer implementation of company economic development plans
- · Evaluate company economic development activities and redirects as necessary
- Perform general office duties (e.g., secretarial and/or clerical activities) in support of AC 1711
- Perform administrative assistance functions (e.g., methods, planning, training) in support of AC 1711
- · Supervise employees who perform AC 1711 functions

1731 EXTERNAL RELATIONS - INFLUENCING LEGISLATION - FEDERAL & STATE

This activity code is applicable to employees who perform the following activities:

- Attempt to influence public opinion with respect to the election of public officials, referenda, legislation or ordinances or approval, modification or revocation of franchises
- · Attempt to influence the decisions of public officials
- Directly communicate (written or oral) with any of the following executive branch officials in an attempt to influence the official actions or positions of such official:
 - · The President,
 - · The Vice President,
 - Any officer or employee of the Executive Office of the President (White House)
 - . The two most senior level officers of each of the other agencies in such Executive Office
 - · Cabinet members
 - · Immediate deputies of cabinet members
- Participate in any of the following activities:
 - State Grassroots Action Program (GAP) meeting or events
 - Political rallies sponsored by the company in an effort to influence the general public on upcoming legislative issues or to initiate some legislative action.
- · Attend pre-rally meetings/instructions
- Travel on company time to and from such rallies/meetings
- · Letter writing while on company time
- Perform general office duties (e.g., secretarial and/or clerical activities) in support of AC 1731
- Supervise employees who perform AC 1731 functions

1732 EXTERNAL RELATIONS - INFLUENCING LEGISLATION - LOCAL

This activity code is applicable to employees who perform the following:

- Attempt to influence public opinion with respect to the election of local public officials, referenda, legislation or ordinances
- Attempt to influence the decisions of local public officials
- Directly communicate (written or oral) with local officials in an attempt to influence the official actions or positions of such official
- Participate in any of the following activities:
 - Local Grassroots Action Program (GAP) meeting or events
 - Political rallies sponsored by the company in an effort to influence the general public on upcoming local legislative issues or to initiate some local legislative action
- · Attend pre-rally meetings/instructions
- Travel on company time to and from such rallies/meetings
- · Letter writing while on company time
- Perform general office duties (e.g., secretarial and/or clerical activities) in support of AC 1732
- Supervise employees who perform AC 1732 functions

1740 EXTERNAL RELATIONS - TARIFF DEVELOPMENT

This activity code is applicable to employees who perform the following activities:

BASIC EXCHANGE SERVICES

- Analyze costs and revenues; interprets customer trends, business terms and conditions and the
 regulatory environment pertinent to basic exchange services offerings (e.g., residence and business
 service, local calling, coin, etc.); develop rates and prepare regulatory support documentation and
 testimony
- File new or revised tariffs involving basic exchange services
- Maintain the basic exchange services tariffs
- Act as a liaison on basic exchange services matters among other carriers and regulatory agencies
- · Provide advice and interprets the basic exchange services tariffs

INTRASTATE/INTERSTATE PRIVATE LINE SERVICES

- Analyze costs and revenues; interprets customer trends, business terms and conditions and the regulatory environment pertinent to intrastate/interstate private line services offerings; develops rates and prepares regulatory support documentation and testimony
- File new or revised tariffs involving intrastate/interstate private line services
- Maintain the intrastate/interstate private line services tariffs
- Act as liaison on intrastate/interstate private line services matters among other carriers and regulatory agencies
- · Provide advice and interprets the intrastate/interstate private line services tariffs

INTRASTATE/INTERSTATE MTS/WATS SERVICES

- Analyze costs and revenues; interprets customer trends, business terms and conditions and the regulatory environment pertinent to intrastate/interstate MTS/WATS service offerings; develops rates and prepares regulatory support documentation and testimony
- File new or revised tariffs involving intrastate/interstate MTS/WATS services
- · Maintain the intrastate/interstate MTS/WATS services tariffs
- Act as liaison on intrastate/interstate MTS/WATS services tariff matters among other carriers and regulatory agencies
- · Provide advice and interprets the intrastate/interstate MTS/WATS services tariffs

VERTICAL EXCHANGE SERVICES

- Analyze costs and revenues; interprets customer trends, business terms and conditions, and the
 regulatory environment pertinent to vertical exchange services offerings (e.g., services offered through
 company facilities which are optional or additional to basic exchange service); develops rates and
 prepares regulatory support documentation and testimony
- · File new or revised tariffs involving vertical exchange services
- Maintain the vertical exchange services tariffs
- Act as a liaison on vertical exchange services tariff matters among other carriers and regulatory agencies
- Provide advice and interprets the vertical exchange services tariffs

OTHER

- Perform general office duties (e.g., secretarial and/or clerical activities) in support of AC 1740
- Perform administrative assistance functions (e.g., methods, planning, training) in support of AC 1740
- Supervise employees who perform AC 1740 functions

1750 EXTERNAL RELATIONS - COST STUDIES

This activity code is applicable to employees who perform the following activities:

- Make studies, compiles data and prepares statements for hearings on specific dockets issued by federal, state, local, and other regulatory bodies
- Prepare and present material to support company positions relative to tariff filings before regulatory commission hearings conducted for purposes other than requests for general rate revision
- Prepare, review and file company applications in accordance with Section 214 of the Communication Act and related matters to secure radio licenses and construction permits
- · Prepare, review and file reports to meet regulatory commission requirements
- Investigate and handle complaints received from regulatory commissions
- Contact regulatory commission personnel, legislators and other governmental agents for the primary purpose of representing the company

NOTE: The above functions are performed by employees other than company attorneys.

- Review pending or existing legislation to determine the effect on company operations
- Make studies and develop economic models to identify and analyze costs related to exchange services as required for pricing support or regulatory activities including:
 - Study residence, business, coin, local calling and similar services offered in an exchange area
 - Study directory assistance, intercept, directory listing services and other directory services
 - Study combinations of service offerings
 - Study economic theory and develops principles for application to service costs
- Make studies and develop economic models to identify and analyze costs related to intrastate interexchange services as required for pricing support or regulatory activities including:
 - · Study intrastate private line switched and point-to-point services and local channels
 - Study intrastate message toll service, Wide Area Telecommunication Service (WATS) and similar services that extend beyond boundaries set for basic exchange services
 - Study combinations of service offerings
 - Study economic theory and develops principles for application to service costs
- Make studies and develops economic models to identify and analyze costs related to interstate services as required for pricing support or regulatory activities including:
 - Study interstate private line switched and point-to-point services
 - Study interstate message toll service which extend beyond boundaries set for intrastate interexchange services
 - Study combinations of service offerings
 - Study economic theory and develops principles for application to service costs
- Make studies and develops economic models to identify and analyze costs related to customer premises services as required for pricing support or regulatory activities including:
 - Study private branch exchange, key system telephone set and similar services that are optional or additional to the basic exchange services
 - Study combinations of service offerings
 - Study economic theory and develops principles for application to service costs
- · Perform affiliate relations, monitor and report affiliate transactions
- Handle sales to affiliates
- Perform general office duties (e.g., secretarial and/or clerical activities) in support of AC 1750
- Perform administrative assistance functions (e.g., methods, planning, training) in support of AC 1750.
- Supervise employees who perform AC 1750 functions

EXCLUSION:

For work and cost associated with legislative advocacy, see AC 1731 and 1732.

1770 EXTERNAL RELATIONS - INDEPENDENT EXCHANGE CARRIER RELATIONS

This activity code is applicable to employees who perform the following activities:

- Maintain relations and coordinate activities and plans of mutual interest with independent exchange carriers
- Maintain relations and coordinate activities and plans of mutual interest with telephone trade organizations such as United States Telephone Association (USTA), Organization for the Protection and Advancement of Small Telephone Companies (OPASTCO), National Telephone Cooperative Association (NTCA), etc.
- Coordinate the activities of the independent exchange carriers cost study review team with the independent exchange carriers
- · Coordinate the forecasting of independent exchange carriers settlements
- · Coordinate facilities requirements with independent exchange carriers
- Receive inquiries/orders/memorandums from SWBT service order units or independent exchange carrier companies pertaining to facility needs for customer service
- Review and log memorandums, inquiries and orders, and distributes to appropriate parties
- Interface with marketing (ISC), engineering and network organization entities to ensure integrity of committed service dates and facilities required
- Maintain and prepare records on tariff charges and settlements of amounts due
- Receive completion advices and various other data, e.g., facility layout records, jeopardy notes, etc.
- Perform general office duties (e.g., secretarial and/or clerical activities) in support of AC 1770
- Perform administrative assistance functions (e.g., methods, planning, training) in support of AC 1770
- Supervise employees who perform AC 1770 functions

$1780\;EXTERNAL\;RELATIONS-CONTRACT\;ADMINISTRATION-SHARED\;FACILITIES\;\&\;SERVICE$

This activity code is applicable to employees who perform the following activities:

- Negotiate and administer contracts with companies for the shared use of a company's equipment, facilities, services, etc.
- Develop and analyze information that is the basis for contract charges for shared facilities and services
- Contact departmental representatives who are developing estimates of usages and capacities of facilities, trunks, etc.
- Develop terms of contracts such as billed amount, supporting expenses and investments, performance criteria, duration, etc.
- · Serve as the point of contact for reconciliation of bills
- Provide cost and revenue data requested by regulatory agencies
- Service contracts for shared facilities and shared services and renegotiates contracts as required
- Access and update manual or mechanized databases as required
- Perform general office duties (e.g., secretarial and/or clerical activities) in support of AC 1780
- Perform administrative assistance functions (e.g., methods, planning, training) in support of AC 1780
- Supervise employees who perform AC 1780 functions

SHARED & COMMON COSTS

MS-23:

Please identify the total payments recorded in SBC Ohio's 67XX accounts in 1999, 2000, 2001, 2002 and 2003 for outside counsel fees, expert witness and consultant fees, hearing fees, and all other litigation fees including fines and performance remedy payments.

- (a) Please segregate the amounts into categories representing litigation for (1) UNE and resale service issues; (2) all other wholesale issues; and (3) retail service issues.
- (b) Please identify amounts by primary account number and sub-account number with detailed descriptions of the account.

Response:

SBC Ohio objects to this request to the extent it is vague and ambiguous.. SBC Ohio further objects on the grounds that this request is overly broad and unduly burdensome particularly with respect to the request for data for multiple years that was not included in the cost study, and that would be very time consuming to retrieve. SBC Ohio further objects to the extent this request seeks data, analyses or calculations that SBC Ohio has not performed and objects to performing. SBC Ohio further object to the extent this request seeks data that SBC Ohio does not collect, maintain, or generate. The nature of the activities charged to 67XX accounts does not allow for the segregation of amounts into the categories requested in MS-23 (a). SBC Ohio further objects to this request on the grounds and to the extent it seeks information which is trade secret or other proprietary, confidential, and competitively sensitive business information of SBC Ohio, its parent or affiliates or third parties. SBC Ohio has made reasonable efforts to maintain the secrecy of this information. Such information has independent economic value and its disclosure would cause an identifiable significant harm to SBC Ohio, its parent or affiliates, or third parties. The responses are "trade secret" under Ohio law and entitled to protection against disclosure.

Subject to and without waiver its general and specific objections, SBC Ohio provides the following confidential information subject to the protective order entered in this proceeding and the nondisclosure agreements executed by the parties in this proceeding.

SBC Ohio records charges for outside counsel, litigation fees and other professional and consulting fees in account 6725.9000 for legal expenses generally common in nature. For example, SBC Ohio records in this account legal expenses relating to (1) the negotiation of interconnection agreements with CLECs; (2) legal issues associated with the implementation of FCC and state commission orders that affect wholesale products; (3) the review of wholesale tariffs; and (4) the resolution of disputes raised by CLECs.

SBC Ohio records remedy payments to CLECs (Tier-1 liquidated damages) in account 6728.9930. SBC Ohio records payments to state and federal governments regarding performance (Tier-2 and Tier-3) as Special Charges in account no. 7370.9000. Special Charges were not used by SBC Ohio in the cost studies in this proceeding.

BEGIN CONFIDENTIAL

\$ in 000's

Account	1999	2000	2001	2002	2003
Legal Fees 6725.9000	\$7,576	\$868	\$5,886	\$2,294	\$7,480
Tier 1 payments 6728.9930	\$0	\$0	\$1,363	\$895	\$488

END CONFIDENTIAL

Responsible Person: Timothy Dominak

Director-Regulatory Accounting (AIT) 2000 W. SBC Center DR Z1, Room 2F82

Hoffman estates, IL 60196

MS-52:

(MI MS-52, IN Jt. CLEC MS-46) Please answer the following questions regarding SBC's Industry Markets organization. SBC Ohio's response to this request should be similar in format and scope to SBC Indiana's response to Joint CLEC Data Request MS-46 in IURC Cause No. 42393 and SBC Michigan's response to AT&T Data Request ATTSBC 80 in MPSC Case No. U-13531.

- (a) Provide a complete list of all products, or product groups for which SBC's Industry Markets organization is responsible. While it is not necessary to name every particular service (e.g., no need to state every UNE that Industry Markets is responsible for), provide information in as granular a level as possible. Your response should include detail indicating the extent to which SBC Industry Markets is responsible for:
 - i. UNEs
 - ii. Collocation
 - iii. Interconnection
 - iv. Reciprocal compensation
 - v. Switched access
 - vi. Special access
 - vii. UNE combinations
 - viii. Billing services
 - ix. Pay telephone services
 - x. Wireless interconnection
 - xi. Wireless inter-carrier compensation
 - xii. Resale
 - xiii. Agency programs
 - xiv. Any other categories of services for which SBC's Industry Markets organization is responsible.

Please list each such group of products separately.

- (b) For each product group listed above, please provide the total revenue generated by SBC Ohio for the following time periods: 1998-2003.
- (c) For each product group identified above, and for which revenue information is provided, please indicate the U.S.O.A. sub-account(s) to which such revenue is booked.

(d) Please state the total amount of revenue booked by SBC in the years 1998-2003 specific to products for which SBC's Industry Markets organization is responsible. Provide the calculations used to arrive at this total revenue figure, including any sub-account data relied upon.

Response:

See attached document labeled "MS-52-OH-1998-2003_Confidential.xls" for responses to MS-52a, b, c, and d.

Responsible Person: Timothy Dominak

Director-Regulatory Accounting (AIT) 2000 W. SBC Center DR Z1, Room 2F82

Hoffman estates, IL 60196

SBC Obio

Product	\$001 113 114 13 23 5040 523 558 15	1998	1999	2000	2001	2002	2003	2002
Unbundled Loops (UNE)	5240 71/72/73/74/999 5240 71/72/73/74/999 5290 111/114/115/19/8	3,012,466	6,126,276	10,837,275	32,330,729	72,800,791	116,513,707	72,800,791
Unbundled Ports (UNE)	500 11.2 Sett 52.2 553, 508 1.5 Set 7.1 508.3 11.31 508.0 222 242 3422 2722 331 332 534.0 11.72 75.75 996 5364 519 590 538.0 99.9 999				630.437	17,396,455	30,701,109	17,396,455
Collocation /. Interconnection	5082 721, 5083 11/31 5084 2721/2722/311/312/301/332 5240 71/999, 5280 8	9,235,273	25,207,884	34,883,034	51,193,038	37,467,116	25,991,190	
Switched Access	2001 17 11 12 12 12 2001 12 2001 12 3001 13 1 2001 13 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	184.507.498	150,551,569	121,034,444	91,076,936	75,958,281	69.321,359	
Special Access/Transport - Analog & misc.	5004 11 11 12 504 51 52 52 52 50 5004 11 11 12 504 51 52 52 50 5005 11 11 12 504 11 12 52 52 50 5005 11 12 504 51 12 504 51 50 5005 12 520 520 540 540 55 50 50 50 50 5005 12 520 520 540 540 55 50 50 54 6 77 5 5 572 5 6 6 50 50 50 54 6 77 5 5 572 5 6 6 50 50 50 55 50 5 6 6 50 50 50 50 520 6 14 50 70 70 70 50 50 50 520 6 14 70 70 70 70 70 50	12,668,321	12,289,901	8.509,039	6,177,849	4,630,882	4,020,478	
	5007 11 17 2 5443 526 59 59 5001 11 500 50 50 50 50 50 50 50 50 50 50 50 50	139 672 219	181 618 359	210 588 691	255 449 276	282 236 451	272,851,910	
	SG46 552) 558, 5580 111 5082 72 0 561, 5083 1 0 31, 5084 272 0 299 0 31 0 331, 5280 1 1 0 8	7	17,971,920	30,864,694	45,160,751	52,289,061	51,537,784	
UNE Combinations	5062 11, 5064 2425 331, 5240 72/73, 5280 A 5001 111, 5080 111 13, 5081 173	169,336	330,902	679,618	1,407,314	6,515,722	15.574.921	6,515,722
Billing Services	5100 19/59 52615 5264 586. 5270 174 5/6/9 500 1117 119/129/12/37 23 5010 11/30/51	27,988,947	28,243,474	28,043,990	23,998,100	20,887,191	17,556,807	
Pay Telephone Services	5050 11 5060 313 5081 1/8 5251 5 5280 2989	37,740	40,412	29,104	(131,275)	15,352	(255,189)	
Wireless	9001 111 12 900 51, 10 12) 13 13 900 111 12) 13 900 11 11 12 900 15, 10 90 11 12 90 11 12 90 11 12 90 11 12 90 11 12 90 11 12 90 11 12 90	12,645,723	6,546,222	10,089.916	16,975,561	20.215,354	19,083,479	
Resale	5001 119 110 110 120 2739 274 42 542 8 5002 119 112 112 112 112 12 12 12 12 13 13 13 13 5001 119 112 112 112 12 12 12 12 12 12 12 12 12	39.896.486	36,915,781	38,693,329	32,636,717	18,263,130	8.473,689	
Ameritech Centrex Service	500 11/11/11/11/12/20/20/21/2-5003.13/ 5004.13/50163/50463/53/51 5004.11/12/41/823/5081.05/6 5100.511/812, 5230.11/536/2998.12	11,712,200	11,617,279	4.276,476	2,184,863	836.107	484,106	
Ameritech ISDN Directi. Prime	5001 10 110 12 110 21 5000 110 110 12 110 12 15 1 5002 410 110 721 5000 110 11 5004 2710 2721 310 310 5125 51 5361 5	2,805,727	5,099,585	739,114	713,686	258,914	388,483	
End Office integration	5001 113/120-5003.12 5002.214.421/610.71V.901.5003.11 5006.23V.427/10.422.81V.812.2021.2022 2714.27.2.2004.2002.2002.231 5346.7172.72/79.78, 5284.13.196.511.512.509	1,308,065	3,334,104	5,014,010	7,024,012	8,148,453	6,980,654	
Information/ Directory Assistance	5000 12/ 22/ 32/ 92/ 98 5002 61// 721. 5004 2611/ 2612/ 2721	7,783,943	6,033,755)	(2)			
Presubscription-Account Maintenance	500 T U U U Z Z U ZZ 423 8 500 T U 501 Z Z 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	6,178,285	10,782,604	(95,437)	267,841	62,648	468,577	
Primary Interexchange Carrier Charge	5001 1290 5081 9 5082 21/ 421, 5083 11 5084 19/ 22 // 222, 5264 511/ 599	47,245,608		-	19,111,117	4,614,288	(480)	
Various Miscellaneous Products		89,113,547 604 016 225	79,052,531	619 471 697	24 323,206	(315,100)	646 590 435	96,712,967

MS-54:

(MI MS-54, IN Jt. CLEC MS-48) SBC Ohio (or one of its affiliates) has in the past 3 years undertaken an advertising/promotional campaign(s) including newspaper ads, television ads and other medium, aimed at highlighting what it apparently sees as inequities in the current UNE-P paradigm and underlying UNE rates. Please identify the total amount spent on such initiatives each year for the following years: 2000, 2001, 2002 and 2003. Likewise, identify the U.S.O.A. numbers to which these types of expenditures are booked and the Activity Code(s) used to book these expenditures. If an example is required to identify the type of campaign described above, please see the following advertisement. However, please note that this is just an example and SBC should not limit its response to just this particular advertisement, but should include information specific to all such advertisements:

Response:

SBC Ohio's response to this request is confidential and, therefore, subject to the protective order entered in this proceeding and the nondisclosure agreements executed by the parties in this proceeding.

SBC Ohio recorded expenses associated with UNE-P advertising/promotional campaigns in account 6728 in 2002 and 6722 in 2003. SBC Ohio does not use activity codes to record these expenditures. SBC Ohio incurred no expenses of this nature in 2000 and 2001.

BEGIN CONFIDENTIAL

	(\$ in 000's)
2002	2003
\$681	\$1,061

END CONFIDENTIAL

Responsible Person: Timothy Dominak

Director-Regulatory Accounting (AIT)

MS-57:

(MI MS-60, IN Jt. CLEC MS-54) (Rephrased) Please provide the pension settlement gains and losses recorded by SBC Ohio by year from 1991 through 2003.

- (a) In years where pension settlement gains or losses occurred, please describe the primary reason or event that caused the gain to occur.
- (b) In years where both a pension settlement gain and a loss occurred, please explain why there would be a gain or loss in the same year.

Response:

See confidential attachment labeled "Attachment to AT&T Third Set, Data Request MS-57" which shows the SBC Ohio pension settlement gains and (losses) by year from 1994 through 2002. Data prior to 1994 is not available. This confidential document maybe found on the CD produced by SBC Ohio with these responses under the file name "MS-57 attachmt to response."

(a) The SBC Ameritech pension plan allows for participants to elect to receive their pension benefits in the form of an annuity or a lump sum payment. When a pension plan makes a significant amount of lump sum pension payments to its participants, a settlement (or partial settlement) of the plan liability occurs. In other words the "settlement" is in effect the discharge of the pension obligation liability by making a cash lump sum pension payout in exchange for the employee's right to receive future pension benefits. If the total lump sum pension payments exceed a certain threshold in a given year, as defined by the Financial Accounting Standard (FAS) 88, a portion of the deferred actuarial gains and/or losses as well as a portion of the unamortized transition asset is recognized immediately. These settlement gains, although recognized on the books in the current period, relate to deferred pension plan gains (primarily investment gains) that occurred in prior periods but were being deferred in accordance with FAS 87 pension accounting rules. Pension accounting typically contains various cost components that are amortized over the average service life of the covered employees. The basis for this delayed recognition is that gains or losses occurring in one period would be offset by losses or gains in subsequent periods. SBC Ameritech had experienced a large amount of investment gains on its pension plan assets in the 1990s, when market returns were very high. When large

amounts of employees leave the business in a given year and elect a cash lump sum distribution of their pension, this triggers the accelerated recognition of the prior period gains since there is no longer a future liability to the company and no longer any employees related to the liability for which to continue a deferral of pension fund investment gains.

The pension settlement gains experienced by SBC Ohio were caused by a significant amount of lump-sum pension payments to employees leaving the business. For the years in which there were the very large pension settlement gains (i.e. 1994 to 1995, and 1999 through 2001) the company had various work force restructuring programs that also may have included certain benefit and pension enhancements to eligible employees leaving the work force. Since the pension settlement gains are triggered by the cash payment of the lump sum pensions, it is typical that an event would span consecutive years since employees leaving at year end would not receive the cash until the subsequent year.

(b) Pension settlement losses are recognized for the same types of events as described in MS-57 (a) above. However this would typically occur due to investment market downturns (such as the recent 2002 to 2003 period). Deferred investment losses are recognized due to the triggering of FAS 88 recognition rules resulting from lump sum pension payouts.

Additionally, losses can occur when there is a pension plan curtailment or a special termination benefit. A curtailment is an event that significantly reduces the expected years of future service of present employees (in accordance with FAS 88). For example, in 2000, the termination of services earlier than actuarially expected generated curtailment losses. Both pension settlement gains and curtailment losses may occur separately or together.

Responsible Person: Tim Dominak

SBC Ohio Inc.
Case No. 02-1280-TP-UNC
AT&T 3rd Set
Attachment to Response to DR MS-57
SBC Ohio's Schedule of Pension Settlement Gains/(Losses)

	2003			x
	2002		(48)	(48)
	2001	99,108		99,108
	2000	132,406	(51,713)	80,693
(s,000\$	1999	128,624	(7.879)	120,745
00\$)		3,567		3,567
	1997	3,934		3,934
	1996	7,580		7,580
	1995	154,201		154,201
	1994	81,839	(46,852)	34,987
		Pension settlement gains	Pension settlement losses	Net Pension Settlement Gains/ (Losses)

CONFIDENTIAL

MS-70:

(MI MS-81, IN Jt. CLEC MS-76) (Rephrased) Please provide the revenue received from collocation services and activities paid by unaffiliated parties to the five SBC Ameritech companies (Illinois, Michigan, Michigan, Ohio and Wisconsin) by UNE rate element for the years 1997-2003. In responding to this request, identify the U.S.O.A. and sub-account(s) that this revenue is recorded to. Please note that this information is being requested of all SBC operating companies because SBC, in development of its support asset costs, develops a five-state pool of support asset costs. Likewise, to verify/analyze those figures, information relevant to each operating company is required.

Response: SBC Ohio objects to this request on the grounds and to the extent it seeks trade secrets or other proprietary, confidential and competitively sensitive business information of SBC Ohio, its parent or affiliates, or third parties. SBC Ohio has made every reasonable effort to maintain the secrecy of this information. Such information has independent economic value and disclosure of the requested information would cause an identifiable significant harm to SBC Ohio, its parent or affiliates, or third parties. The responses are "trade secret" under law and entitled to protection against disclosure.

Notwithstanding and without waiving its general and specific objections, SBC Ohio is providing the following SBC Confidential Information subject to the protective orders and confidentiality agreements executed by the parties in this proceeding.

See the confidential excel spreadsheet MS-70 Collocation by account 97-03 (Confidential).xls which displays the collocation revenues by state and year for the period 1997 through 2003.

Responsible Person: Timothy Dominak

Director-Regulatory Accounting (AIT) 2000 W. SBC Center DR Z1, Room 2F82

Hoffman estates, IL 60196

SBC Ohio Case No. 02-1280-TP-UNC AT&T 3rd set, MS-70 Collocation by Account 1997-2003

300 9	607'0		06	(214)	1,158		i i	7,		(3,852)	36,494,553	(200)	(85)	36,497,655	130,154	5,818	ı		33,835	528			ř		647	9,928,607	10,099,589	131,188		(2.984,520)	06	63,010	4	379,268		÷		74		34,892,313		
10000 344 67	(5,176,009)	•	(562,063)		(70,023)			(240,619)		(14,081)	38,751,881		25	35,689,110	144,844	(19,791)		(463,008)	30,974		(144,976)		(121,070)		(16,852)	13,452,202	12,862,322	130,891	64	(4,284,873)	(47,925)	144,923		(887,969)		(40,049)		(66,445)		37,739,388		
020 004 20	50,190,009		294,782		6,683,091	14,031	,	7,249	301					33,197,523	122,738	8,430,781		69,294	27,579		6,477,064		6,738		(695)	8,119	15,141,743	128,018		33,456,462	125,686	127,130		14,067,698		1,406		(2,129)		14,196	(71)	7.1
020 000 00	600'667'07		519,669		3,105,357	3,128,762		13,288	11,047					35,077,782	95,700	7,126,277	,	108,689	11,417		2,178,013	755,527		824			10,276,446	73,621		31,974,805	186,978	47,019		5,017,129	(3.004,363)	6,247	354					
40 444 455	10,144,455	4/0	19,714,488		206,855	1,373,194		1,474,103	1,106,372					34,019,937	81,125	2,375,181		2,259,925	5,647		*	899,389	140,583	355,607			6,117,457	33,724		13,011,724	7,281,157	6,398		685,655	2,755,268	155,361	305,090					
2 227 744	0,327,714		7,393,675		13,920	4,436,580			1,542,348					19,714,237	41,767	876,821		604.463	782					112,144			1,635,976	23,476	160	2,308,776	1,269,937	3,440		528,963	249,285		168,228					
1931	2,544,503		1,636,683		8,004	147,829			982,229					5,319,248	22,594	342,536		800'96	360								461,498	17,434	1,077	2,842,859	(554,187)	773			32,464	531	538,424		22,694			
one	0011	2100	3100	2991	3110	3120	3210	3310	3320	7100	0666	1140	8000		7210	1100	2100	3100	2721	2991	3110	3120	3310	3320	7100	0666		7210	9910	1100	3100	2721	2722	3110	3120	3310	3320	7100	7600	0666	1310	1900
Malii	5083	5083	5083	5084	5084	5084	5084	5084	5084	5240	5240	5280	5280		5082	5083	5083	5083	5084	5084	5084	5084	5084	5084	5240	5240		5082	5082	5083	5083	5084	5084	5084	5084	5084	5084	5240	5240	5240	5280	5280
Sidie		_	1	_	_	L	_	<u></u>	-	-	II.	_	_		Z	z	z	z	z	z	Z	z	z	Z	Z	z		IW.	- W	₹	×	- W	W	Ē	×	Ī	Ā	W	M	M	M	×

Collocation by Account 1997-2003

State	Main	Sub	1997	1998	1999	2000	2001	2002	2003
M	5280	8000	2.902.070	4.552.266	24,234,376	34.301.790	47.918.466	68 32.688.073	32.481.424
НО	5082	7210	13,320	59,968	126,224	200,096	272,290	223,504	166,797
НО	5083	1100	430,663	4,372,832	13,204,051	26,475,944	29,443,023	(456,389)	30,691
HO	5083	2100							
HO	5083	3100	697,547	3,250,116	10,479,348	348,165	245,825	(458,853)	,
НО	5084	2721	780	7,677	3,806	11,288	43,220	48,152	31,136
Н	5084	2722						•	
ЮН	5084	3110	5,378	7,183	235,183	9,841,098	21,155,423	(880,747)	3,804
НО	5084	3120		833,070	905,290	(2,006,740)			
Н	5084	3310			196,706	13,184	25,067	(342,675)	
HO	5084	3320	273,348	704,427	57,276				
H	5240	7100					(1,798)	(2,928)	•
Н	5240	0666					9,991	39,336,962	25,758,763
Н	5280	8000						06	
			1,421,038	9,235,273	25,207,884	34,883,034	51,193,038	37,467,116	25,991,190
×	5001	1300					,		
M	5083	1100	213,625	748,147	3,292,023	10,515,238	19,400,670	74,840	6,146
M	5083	2100						,	,
×	5083	3100	445,780	917,097	4,358,746	197,341	111,206	(61,911)	
M	5084	3110		35	77,036	2,453,685	8,167,717	(93,752)	322,381
×	5084	3120		1,142,554	2,127,959	3,099,992	21	19	19
M	5084	3310			134,937	3,134	42,631	(52,880)	,
M	5084	3320	390,568	588,450	734,608	22,531	,		
M	5240	7100					(456)	(1,322)	
M	5240	0666					7,681	23,182,302	20,579,508
			1,049,973	3,396,282	10,725,309	16,291,921	27,729,469	23,047,296	20,908,054

Confidential

MS-84:

Referring to page 18 of Mr. Dominak's direct testimony, please provide the amount of wholesale revenue for the years 1997-2003 for SBC Ohio. Also provide the wholesale related bad debt write-offs recorded in Account 1181 and the wholesale bad debt expense recorded in account 5300 for the year 2003.

Response:

SBC Ohio objects to this request on the grounds and to the extent it seeks information already provided to ATT by SBC Ohio in this proceeding and is overbroad and unduly burdensome, particularly since the request seeks information for years outside of the year the cost study was filed.

Notwithstanding and without waiving its general and specific objections, SBC Ohio responds as follows:

- (1) Wholesale revenue for 1997 to 1999 is included in he table below. Wholesale Revenue for 2000 to 2003 was previously provided in the response to data request MS-61 in AT&T's 3rd set of discovery requests.
- (2) Wholesale related bad debt write offs recorded to account 1181 for 2003 is included in the table below.
- (3) Wholesale bad debt expenses recorded in account 5300 for 2003 were provided previously to ATT in SBC Ohio's response to data request MS-61 in AT&T's 3rd set of discovery requests.

The information provided by SBC Ohio in response to this request is confidential and subject to the terms of the protective order and proprietary agreement entered in this case.

BEGIN CONFIDENTIAL

(\$ in 000's)	1997	1998	1999
Wholesale	24.00		25.0 102
Revenue	\$506,991	\$486,236	\$566,572

(S in 000's)	2003
Wholesale	
Write offs	\$10,642

END CONFIDENTIAL

Responsible Person: Tim Dominak

2000 West SBC Center Drive Hoffman Estates, Illinois 60196

BEFORE THE

PUBLIC UTILITY COMMISSION OF OHIO

In the matter of the Review of SBC Ohio's)	
TELRIC Costs for Unbundled Network)	Case No. 02-1280-TP-UNC
Elements)	
)	

TESTIMONY OF

MICHAEL STARKEY

EXHIBIT ___ (MS-18)

SBC's Public Responses to Data Requests

EXHIBIT MS-18 Index of Attached Discovery Responses

PUBLIC RESPONSES

Requesting Party	Response Notation	PUBLIC/CONF.	EXHIBIT PLACEMENT
AT&T	MS - 3	PUBLIC	Exhibit 18
AT&T	MS - 5	PUBLIC	Exhibit 18
AT&T	MS - 6	CONFIDENTIAL	Exhibit 17
AT&T	MS - 9	PUBLIC	Exhibit 18
AT&T	MS - 17	PUBLIC	Exhibit 18
AT&T	MS - 23	CONFIDENTIAL	Exhibit 17
AT&T	MS - 24	PUBLIC	Exhibit 18
AT&T	MS - 26	PUBLIC	Exhibit 18
AT&T	MS - 27	PUBLIC	Exhibit 18
AT&T	MS - 29	PUBLIC	Exhibit 18
AT&T	MS - 31	PUBLIC	Exhibit 18
AT&T	MS - 33	PUBLIC	Exhibit 18
AT&T	MS - 34	PUBLIC	Exhibit 18
AT&T	MS - 38	PUBLIC	Exhibit 18
AT&T	MS - 41	PUBLIC	Exhibit 18
AT&T	MS - 42	PUBLIC	Exhibit 18
AT&T	MS - 43	PUBLIC	Exhibit 18
AT&T	MS - 44	PUBLIC	Exhibit 18
AT&T	MS - 45	PUBLIC	Exhibit 18
AT&T	MS - 46	PUBLIC	Exhibit 18
AT&T	MS - 47	PUBLIC	Exhibit 18
AT&T	MS - 48	PUBLIC	Exhibit 18
AT&T	MS - 49	PUBLIC	Exhibit 18
AT&T	MS - 50	PUBLIC	Exhibit 18
AT&T	MS - 52	CONFIDENTIAL	Exhibit 17
AT&T	MS - 53	PUBLIC	Exhibit 18
AT&T	MS - 54	CONFIDENTIAL	Exhibit 17
AT&T	MS - 57	CONFIDENTIAL	Exhibit 17
AT&T	MS - 58	PUBLIC	Exhibit 18
AT&T	MS - 63	PUBLIC	Exhibit 18
AT&T	MS - 64	PUBLIC	Exhibit 18
AT&T	MS - 69	PUBLIC	Exhibit 18
AT&T	MS - 70	CONFIDENTIAL	Exhibit 17
AT&T	MS - 73	PUBLIC	Exhibit 18
AT&T	MS - 84	CONFIDENTIAL	Exhibit 17
AT&T	MS - 86	PUBLIC	Exhibit 18
AT&T	MS - 88	PUBLIC	Exhibit 18
AT&T	BFP-46	PUBLIC	Exhibit 18
MCI	MCI02	PUBLIC	Exhibit 18

MS-3:

Please provide a complete copy of the Ameritech Common Financial Language ("CFL") guide. This manual should be provided in electronic form if it is available electronically.

Response:

SBC Ohio objects to this request to the extent it is vague and ambiguous. Subject to and without waiving its general and specific objections, SBC Ohio states that the following attached files, labeled as group as MS-3 (CFL Guide.zip) and located on the confidential CD produce by SBC Ohio with these responses, comprise the electronic version of the Ameritech Common Financial Language guide. The information in these files is confidential and subject to the protective order entered in this proceeding and the nondisclosure agreements executed by the parties in this proceeding.

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"AC_0XXX.pdf"
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[&]quot;AC_1XXX.pdf"

[&]quot;AC_2XXX.pdf"

[&]quot;AC_3XXX.pdf"

[&]quot;AC_4XXX.pdf"

[&]quot;AC_Introduction.pdf"

[&]quot;Activity_Code_Index.pdf"

[&]quot;Affiliated Svcs 3XX.pdf"

[&]quot;Amortizations_and_Deprec_AXX.pdf"

[&]quot;Business_Unit_Dimension.pdf"

[&]quot;Capital_Transactions_GXX.pdf"

[&]quot;COA.xls"

[&]quot;Computer&Data_6XX.pdf"

[&]quot;Contract_Billing_MXX.pdf"

[&]quot;Contract Services_4XX.pdf"

[&]quot;Corporate_Transactions_CXX.pdf"

[&]quot;Employee_Related_Exp_2XX.pdf"

[&]quot;Field Reporting Code.pdf"

[&]quot;geoloc id.pdf"

[&]quot;GLA_ATT_A_SPFC.pdf"

[&]quot;GLA_Overview.pdf"

[&]quot;Initiative_Code.pdf"

[&]quot;Initiative_Code_Exhibit.pdf"

[&]quot;Introduction.pdf"

"Labor&Engineering_Dist_BXX.pdf"

"Materials&Supplies_5XX.pdf"

MS-5:

(MI MS-101) Please provide a mapping of the SBC Midwest activity codes to specific U.S.O.A. numbers. Alternatively, please state whether SBC Ohio will allow the Joint CLECs to use the Activity Code mapping provided in response to AT&T Data Request ATTSBC 902 in MPSC Case No. U-13531.

Response:

The Activity Code mapping provided in response to AT&T Data Request ATTSBC 902 (AT&T 12th set, MS-101) in MPSC Case No. U-13531 is applicable to SBC Ohio and accordingly can be used in this proceeding.

Responsible Person: Timothy Dominak

Director-Regulatory Accounting (AIT) 2000 W SBC Center DR Z1, Room 2F82

Hoffman Estates, IL 60196

MS-9:

(IL MS-145) In ICC Docket No. 02-0864, SBC Illinois noted that stand alone UNE loops and UNE-P lines are excluded from its ARMIS 43-08 line counts for the years 1999 – 2002 for all five Ameritech operating companies. Please confirm that this information is still accurate and applies to SBC Ohio.

Response:

This confirms that UNE-L AND UNE-P lines are excluded from ARMIS 43-08 line counts for 1999 through 2002 in SBC Ohio.

Responsible Person: Mary B. Bender

Senior Market Research Manager-Network Forecasting

220 SE 6th Ave, Room 225-B

Topeka, KS 66603

MS-17

(MI MS-18, IN Jt. CLEC MS-14) Based on the preceding request (MS-16), please confirm or deny that it is SBC Ohio's position that there is no range of incremental utilization for plant such as digital switches, circuit equipment and cable & wire where maintenance expenses would not increase.

Response:

Deny. SBC Ohio's cost models assume that the maintenance expense will not change whatever the utilization level is. For a detailed explanation, please refer to SBC Ohio's response to MS-16 in AT&T's 3rd Set.

Responsible Person: Kent A. Currie

Associate Director-Cost Analysis & Regulatory

45 Erieview Plaza Cleveland, OH 44114

MS-24:

Please provide all Tier 1 and Tier 2 remedy payments made by SBC Ohio in 2002 and state whether such amounts were included in SBC Ohio's common cost calculation.

- (a) If SBC Ohio did include remedy plan payments in its common cost factor, please state whether SBC Ohio will remove remedy plan payments consistent with the Rebuttal Testimony of David Barch in ICC Docket No. 02-0864.
- (b) Please state which account(s) these payments are recorded in.

Response:

Tier 1 payments in Ohio for 2002 totaled \$895,407. These payments were booked to Account 6728, Other General & Administrative, and were included in SBC Ohio's common cost calculation. Tier 2 payments for Ohio in 2002 totaled \$1,952,400 and were booked to Account 7370, Special Charges. Account 7370 is not included in SBC Ohio's common cost calculation.

- (a) SBC Ohio agrees to exclude any Tier 1 remedy plan payments in developing its compliance common cost factor.
- (b) See the response to MS-24(a).

Responsible Persons: Kent A. Currie

Associate Director-Cost Analysis & Regulatory

45 Erieview Plaza Cleveland, OH 44114

Timothy Dominak

Director-Regulatory Accounting (AIT) 2000 W. SBC Center DR Z1, Room 2F82

Hoffman estates, IL 60196

MS-26:

(IL Staff Data Request MKP 1.03) Please state whether SBC Ohio records expenses for the Long Distance Compliance-OSS group in a 67XX account.

- (a) If the answer is yes, please identify the account and the amount recorded to that account in 2002.
- (b) Please state whether this amount was included in SBC Ohio's common cost factor calculation.

Response:

Yes. SBC Ohio records expenses for the Long-Distance Compliance-OSS group in Account 6722, External Relations.

- (a) SBC Ohio booked \$68,000 in 2002 to Account 6722, External Relations, for expenses related to the Long-Distance Compliance-OSS group.
- (b) Account 6722 expenses are reflected as part of the shared and common costs on line 4 of the common cost factor numerator on "Tab 1 – Results" of the shared and common study.

Responsible Person: Kent A. Currie

Associate Director-Cost Analysis & Regulatory

45 Erieview Plaza Cleveland, OH 44114

Timothy Dominak

Director-Regulatory Accounting (AIT) 2000 W. SBC Center DR Z1, Room 2F82

Hoffman estates, IL 60196

MS-27:

SBC Ohio indicates on Tab 2 – Inputs of its shared and common cost study (OH_2002_SC_2004-02-11.xls) that 2002 OSS testing expense is removed from Account 6728 and replaced with the average OSS testing expense from 2000-2003. Please state whether SBC Ohio will remove OSS testing expense from its common cost calculation consistent with the adjustment SBC Illinois agreed to make in the Rebuttal Testimony of David Barch in ICC Docket No. 02-0864.

Response:

SBC Ohio objects on the ground and to the extent this request seeks information that is not relevant to the issues in this proceeding, and is not reasonably calculated to lead to the discovery of admissible evidence.

Subject to and without waiving it general and specific objections, SBC Ohio states that it does not plan to remove the OSS Testing expenses from its Shared and Common cost study. The fact that SBC Illinois may have agreed to remove the OSS Testing expenses from its study does not mean that these costs should be removed from SBC Ohio's study; each state study contains state specific data.

Responsible Person: Dr. Kent A. Currie

Associate Director-Cost Analysis & Regulatory

45 Erieview Plaza Cleveland, OH 44114

MS-29:

(MI MS-29, MI MS-51, IN Jt. CLEC MS-22, IN Jt. CLEC MS-45) (Rephrased) See SBC Ohio Shared and Common Cost study (Excel file: OH_2002_SC_2004-02-11.xls), Tab: Tab 2-Inputs, cell: D362. In that file, SBC identifies dollars associated with "Ameritech Services, Inc." Admit or deny that this is the total amount of expense booked to SBC Ohio for "Ameritech Services, Inc." for 2002.

- (a) Unless your answer to the question above is anything other than an unequivocal "Admit," please provide the total amount of expense booked for "Ameritech Services, Inc." in 2002, and provide a detailed description of how the amount identified in the question above was derived from the total booked amount. Your complete response will include all calculations used to derive the amount identified in the question above from the total, including all rationale and underlying figures.
- (b) Please describe in detail what "Ameritech Services, Inc." is, including a detailed description of the functions it performs specific to SBC Ohio's retail service offerings, wholesale service offerings, and/or any other SBC Ohio offerings. The response should include references or citations to activity codes in SBC Ohio's Activity Code Manual. Please confirm or deny whether SBC Ohio's response to this request would be the same as SBC Indiana's response to Joint CLEC Data Request MS-22(b) in IURC Cause No. 42393 and SBC Michigan's response to AT&T Data Request ATTSBC 57 in MPSC Case No. U-13531.
- (c) Please provide the source documents, analyses or accounting records used to derive the amount charged by Ameritech Services, Inc. to SBC Ohio in 2002 in cell D362.

Response:

SBC Ohio admits that this is the amount billed by Ameritech Services, Inc. to SBC Ohio for 2002 classified to Account 6610, Marketing.

- (a) N/A.
- (b) SBC Ohio's response to Part (b) of this request is the same as SBC Indiana's response to Joint CLEC Data Request MS-22(b) in IURC Cause No. 42393 and

SBC Michigan's response to AT&T Data Request ATTSBC 57 in MPSC Case No. U-13531.

Ameritech Services, Inc. is a regional service company that is wholly owned by the five SBC Midwest Operating Companies (Illinois Bell Telephone Company, Indiana Bell Telephone Company, Michigan Bell Telephone Company, The Ohio Bell Telephone Company, and Wisconsin Bell, Inc.). Ameritech Services, Inc. provides a wide range of support services to the SBC Midwest Operating Companies and SBC telecommunication subsidiaries, which are not obtained from other affiliates and can most efficiently be provided on a centralized, rather than an individual basis. This structure avoids each SBC Midwest Operating Company performing similar services for itself, at a far greater cost. Ameritech Services, Inc. provides operational support through the following functions:

Procurement and Property Services: provides strategic planning, administrative assistance, systems support, fleet management, warehousing, and distribution services to assure that the Ameritech Operating Companies have access to the highest value (quality/price) products and services to meet customer requirements at the lowest procurement cost.

Industry Markets: manages network access through:1) account management – Industry Markets sales teams are responsible for promoting and selling SBC Ameritech wholesale access products and services to Interexchange Carriers (IXCs), Competitive Local Exchange Carriers (CLECS), Independent Local Exchange Carriers (ILECs), Wireless Carriers, and Payphone Service providers; 2) marketing – defining the overall marketing direction for Industry Markets and manage the Switched Access, Resale and Unbundled Network Element products; 3) access operations – provides efficient and effective billing and ordering services.

Network Services: provides the management services required to build and maintain a state-of the-art infrastructure the provides the Ameritech Operating Companies with the network capacity and services quality needed for long-term growth and profitability, while continuing improvements in cost performance. These services include operations and provisioning support, outside plant construction and engineering operational support, infrastructure maintenance support, installation and repair planning and support, special services provisioning and support, network planning and engineering, and network services staff support functions.

Corporate Information Services: manages the information computer systems and supporting operational infrastructure for the Ameritech Operating Companies. This includes such areas as billing systems, procurement systems, human resources and payroll, front line network and customer services systems, and accounting systems.

Consumer Services: provides management support services to the Ameritech Operating Companies for consumer telecommunications solutions that range from basic local telephone service to complex voice and data services. These services include: sales and product management support, teleservices, customer services support, and consumer operations.

Real Estate Services: provides professional real estate management for all aspects of real estate related activities in all Ameritech facilities. This includes such support services as: property management including energy management, housekeeping, HVAC, trash removal, landscaping and fire and safety services; planning design and construction and planning and transition management such as space planning, rent payment, and landlord interface.

Operator Services: provides operator services managerial functions to the Ameritech Operating Companies that include: support of high quality customer service for Directory Assistance and Operator Assistance Services to the Ameritech Operating Companies' retail and wholesale customers; coaching and development of operators; force management; maintaining Operator Services facilities and equipment; and methods procedures and training.

Pay Phone Services: provides marketing functions, information system management, material management and overall operations, sales and service support for pay phone products and services.

Corporate Support: provides management support services for corporate functions of the Ameritech Operating Companies for such areas as: human resources, labor operations, workforce effectiveness, staffing and vendor services, compensation training, financial and accounting services, credit and collection, and supplier management.

Ameritech Services does not use activity codes in its accounting system and, therefore, SBC Ohio cannot make a reference to this as requested.

(c) See attached file labeled "MS-29(c) (ASI Attachment A)" which identifies the Ameritech Services, Inc. 2002 total Industry Markets expenses for accounts 6611 and 6612. For 2002, SBC Ohio received 20.16% of these charges in accordance with the Ameritech Services Stockholders Agreement. The information in this file is confidential and, thus, subject to the protective order entered in this proceeding and the nondisclosure agreements executed by the parties in this proceeding.

Responsible Person: Timothy Dominak

Director-Regulatory Accounting (AIT) 2000 W SBC Center DR Z1, Room 2F82

Hoffman Estates, IL 60196

MS-31:

(MI MS-33, IN Jt. CLEC MS-26) See SBC Ohio Shared and Common Cost study (Excel file: OH_2002_SC_2004-02-11.xls), Tab: Tab 2-Inputs, cell: E387. Admit or deny that SBC Ohio includes 100% of the uncollectible expense attributable to "ALDIS and Special Markets."

(a) Unless your answer to the question above is anything other than an unequivocal "Admit," explain in detail what percentage of "ALDIS and Special Markets" uncollectible expenses are included in cell: E387, and explain in detail the process undertaken to calculate that percentage.

Response: Admitted.

Responsible Person: Dr. Kent A. Currie

Associate Director-Cost Analysis & Regulatory

45 Erieview Plaza Cleveland, OH 44114

MS-33:

(MI MS-35, IN Jt. CLEC MS-28) (Rephrased) Referring to the SBC Ohio Shared and Common Cost study, $OH_2002_SC_2004-02-11.xls$, Tab: $Tab\ 2-Inputs$, please describe with specificity what the amounts in study column B, rows 151 – 154 (Excel rows 218-221) represent and please provide a description of the SWIFTS Database.

- (a) Please provide the source documentation from the SWIFTS Database used to produce line count counts as of December 2002;
- (b) Please provide the December 2002 line counts by wire center;
- (c) Please provide the source documentation used to derive the Total Working Loops in column D, rows 151 – 154 (Excel rows 218-221).

Response:

The SBC Wireline Integrated Forecasting and Tracking System (SWIFTS) is a software application that provides interactive access to historical and forecasted Access Services data within SBC. The amounts in spreadsheet cells D218 through D220 represent line counts for each access area.

- (a) Please refer to confidential attachment (ATT MS-33a) OH Line Counts Dec 2002 by WC by Zone Confidential.xls for the requested supporting documentation.
- (b) See the confidential attachment provided in response to request MS-33a.
- (c) Please refer to confidential attachment (ATT MS-33c) OH USF WORKING LOOPS AS OF 12-31-02 Confidential.xls for the source documentation used to derive the Total Working Loops in column D, rows 151 – 154 (Excel rows 218-221).

Responsible Person: Dr. Kent A. Currie

Associate Director-Cost Analysis & Regulatory

45 Erieview Plaza Cleveland, OH 44114

MS-38:

Please confirm or deny that Ohio Bell Telephone Company immediately recognized the full amount of its Transition Benefit Obligation for financial reporting purposes effective January 1, 1992 in its Form 10-K filed with the Securities Exchange Commission.

Response:

Confirm.

For external (SEC) reporting **only**, Ohio Bell recognized the full amount of its Transitional Benefit Obligation (TBO) in its Form 10-K reflecting the adoption of FASB 106 effective January 1, 1992. The external financial reports serve a different need than regulatory reports. The recognition of the TBO post retirement liability fulfilled a significant need for information about the financial effects of the post retirement benefits and about the future claims to this liability when the future cash will be required to pay the benefit costs. This information is useful to present and potential investors, creditors and others in making rational investment, credit and similar decisions.

Responsible Person: Timothy Dominak

Director-Regulatory Accounting (AIT) 2000 W SBC Center DR Z1, Room 2F82

Hoffman Estates, IL 60196

MS-41:

(MI MS-40, IN Jt. CLEC MS-34) It is our understanding that SBC Ohio includes the entirety of expenses booked to account 6711 as "common costs" in the development of its common cost numerator within its shared and common cost study in this proceeding. Please admit or deny that this is correct.

- (a) If your answer is anything other than an unequivocal "Admit," explain in detail how the basis of your answer, and provide a complete description of how expenses within Account 6711 are attributed to either shared or common costs in SBC Ohio's shared and common cost model.
- (b) Explain with specificity any exercise undertaken by SBC Ohio to determine whether expenses included in Account 6711 might be attributed as direct costs to any given product/service offered by SBC Ohio or as shared costs allocable to some group of products or services. Your complete response will include any analysis undertaken in this respect, will produce any documentation relied upon in making this determination, and will explain the results of any such analysis.

Response:

Admitted

- (a) Not applicable.
- (b) SBC Ohio's common cost classification of a given account (i.e., account number), is primarily a function of the descriptions of the relevant Uniform System of Accounts (USOA) determined by Part 32 rules.

Responsible Person: Dr. Kent A. Currie

Associate Director-Cost Analysis & Regulatory

MS-42:

(MI MS-41, IN Jt. CLEC MS-35) It is our understanding that SBC Ohio includes the entirety of expenses booked to account 6712 as "common costs" in the development of its common cost numerator within its shared and common cost study in this proceeding. Please admit or deny that this understanding is correct.

- (a) If your answer is anything other than an unequivocal "Admit," please explain in detail the basis of your answer, and provide a complete description of how expenses within Account 6712 are attributed to either shared or common costs in SBC Ohio's shared and common cost model.
- (b) Please explain with specificity any exercise undertaken by SBC Ohio to determine whether expenses included in Account 6712 above might be attributed as direct costs to any given product/service offered by SBC Ohio or as shared costs allocable to some group of products or services. Your complete response will include any analysis undertaken in this respect, will produce any documentation relied upon in making this determination, and will explain the results of any such analysis.

Response:

Admitted.

- (a) Not applicable
- (b) See SBC Ohio's response to request MS-41(b).

Responsible Person: Dr. Kent A. Currie

Associate Director-Cost Analysis & Regulatory

MS-43:

(MI MS-42, IN Jt. CLEC MS-36) It is our understanding that SBC Ohio includes the entirety of expenses booked to account 6721 as "common costs" in the development of its common cost numerator within its shared and common cost study in this proceeding. Please admit or deny that this is correct.

- (a) If your answer is anything other than an unequivocal "Admit," explain in detail the basis of your answer, and provide a complete description of how expenses within Account 6721 are attributed to either shared or common costs in SBC Ohio's shared and common cost model.
- (b) Please explain with specificity any exercise undertaken by SBC Ohio to determine whether expenses included in Account 6721 above might be attributed as direct costs to any given product/service offered by SBC Ohio or as shared costs allocable to some group of products or services. Your complete response will include any analysis undertaken in this respect, will produce any documentation relied upon in making this determination, and will explain the results of any such analysis.

Response:

Admitted.

- (a) Not applicable
- (b) See SBC Ohio's response to request MS-41(b).

Responsible Person: Dr. Kent A. Currie

Associate Director-Cost Analysis & Regulatory

MS-44:

(MI MS-43, IN Jt. CLEC MS-37) It is our understanding that SBC Ohio includes the entirety of expenses booked to account 6722 as "common costs" in the development of its common cost numerator within its shared and common cost study in this proceeding. Admit or deny that this is correct.

- (a) If your answer is anything other than an unequivocal "Admit," explain in detail the basis of your answer, and provide a complete description of how expenses within Account 6722 are attributed to either shared or common costs in SBC Ohio's shared and common cost model.
- (b) Explain with specificity any exercise undertaken by SBC Ohio to determine whether expenses included in Account 6722 above might be attributed as direct costs to any given product/service offered by SBC Ohio or as shared costs allocable to some group of products or services. Your complete response will include any analysis undertaken in this respect, will produce any documentation relied upon in making this determination, and will explain the results of any such analysis.

Response:

Admitted.

- (a) Not applicable
- (b) See SBC Ohio's response to request MS-41(b).

Responsible Person: Dr. Kent A. Currie

Associate Director-Cost Analysis & Regulatory

MS-45:

(MI MS-44, IN Jt. CLEC MS-38) It is our understanding that SBC Ohio includes the entirety of expenses booked to account 6723 as "common costs" in the development of its common cost numerator within its shared and common cost study in this proceeding. Admit or deny that this is correct.

- (a) If your answer is anything other than an unequivocal "Admit," explain in detail the basis of your answer, and provide a complete description of how expenses within Account 6723 are attributed to either shared or common costs in SBC Ohio's shared and common cost model.
- (b) Please explain with specificity any exercise undertaken by SBC Ohio to determine whether expenses included Account 6723 above might be attributed as direct costs to any given product/service offered by SBC Ohio or as shared costs allocable to some group of products or services. Your complete response will include any analysis undertaken in this respect, will produce any documentation relied upon in making this determination, and will explain the results of any such analysis.

Response:

Admitted

- (a) Not applicable
- (b) See SBC Ohio's response to request MS-41(b).

Responsible Person: Dr. Kent A. Currie

Associate Director-Cost Analysis & Regulatory

MS-46:

(MI MS-45, IN Jt. CLEC MS-39) It is our understanding that SBC Ohio includes the entirety of expenses booked to account 6724 as "common costs" in the development of its common cost numerator within its shared and common cost study in this proceeding. Please admit or deny that this is correct.

- (a) If your answer is anything other than an unequivocal "Admit," please explain the basis of your answer, and provide a complete description of how expenses within Account 6724 are attributed to either shared or common costs in SBC Ohio's shared and common cost model.
- (b) Please explain with specificity any exercise undertaken by SBC Ohio to determine whether expenses included in Account 6724 above might be attributed as direct costs to any given product/service offered by SBC Ohio or as shared costs allocable to some group of products or services. Your complete response will include any analysis undertaken in this respect, will produce any documentation relied upon in making this determination, and will explain the results of any such analysis.

Response:

Denied.

- (a) As SBC Ohio fully explained in its Shared and Common study at Excel Row 119 of the Inputs – Tab, SBC Ohio removed mainframe labor costs attributed to the Service Order Computer Processing Study from the Account #6724 ARMIS balance. This labor cost is a direct cost attributable to service orders.
- (b) See SBC Ohio's responses to requests MS-46a and MS-41(b).

Responsible Person: Dr. Kent A. Currie

Associate Director-Cost Analysis & Regulatory

MS-47:

(MI MS-46, IN Jt. CLEC MS-40) It is our understanding that SBC Ohio includes the entirety of expenses booked to account 6725 as "common costs" in the development of its common cost numerator within its shared and common cost study in this proceeding. Admit or deny that this is correct.

- (a) If your answer is anything other than an unequivocal "Admit," explain in detail the basis of your answer, and provide a complete description of how expenses within Account 6725 are attributed to either shared or common costs in SBC Ohio's shared and common cost model.
- (b) Explain with specificity any exercise undertaken by SBC Ohio to determine whether expenses included in Account 6725 above might be attributed as direct costs to any given product/service offered by SBC Ohio or as shared costs allocable to some group of products or services. Your complete response will include any analysis undertaken in this respect, will produce any documentation relied upon in making this determination, and will explain the results of any such analysis.

Response:

Admitted.

- (a) Not applicable
- (b) See SBC Ohio's response to request MS-41(b).

Responsible Person: Dr. Kent A. Currie

Associate Director-Cost Analysis & Regulatory

MS-48:

(MI MS-47, (IN Jt. CLEC MS-41) It is our understanding that SBC Ohio includes the entirety of expenses booked to account 6726 as "common costs" in the development of its common cost numerator within its shared and common cost study in this proceeding. Admit or deny that this is correct.

- (a) If your answer is anything other than an unequivocal "Admit," please explain in detail the basis of your answer, and provide a complete description of how expenses within Account 6726 are attributed to either shared or common costs in SBC Ohio's shared and common cost model.
- (b) Please explain with specificity any exercise undertaken by SBC Ohio to determine whether expenses included in Account 6726 above might be attributed as direct costs to any given product/service offered by SBC Ohio or as shared costs allocable to some group of products or services. Your complete response will include any analysis undertaken in this respect, will produce any documentation relied upon in making this determination, and will explain the results of any such analysis.

Response:

Admitted.

- (a) Not applicable
- (b) See SBC Ohio's response to request MS-41(b).

Responsible Person: Dr. Kent A. Currie

Associate Director-Cost Analysis & Regulatory

MS-49:

(MI MS-48, IN Jt. CLEC MS-42) It is our understanding that SBC Ohio includes the entirety of expenses booked to account 6727 as "common costs" in the development of its common cost numerator within its shared and common cost study in this proceeding. Admit or deny that this is correct.

- (a) If your answer is anything other than an unequivocal "Admit," please explain in detail the basis of your answer and how our understanding is incorrect, and provide a complete description of how expenses within Account 6727 are attributed to either shared or common costs in SBC Ohio's shared and common cost model.
- (b) Please explain with specificity any exercise undertaken by SBC Ohio to determine whether expenses included in Account 6727 above might be attributed as direct costs to any given product/service offered by SBC Ohio or as shared costs allocable to some group of products or services. Your complete response will include any analysis undertaken in this respect, will produce any documentation relied upon in making this determination, and will explain the results of any such analysis.

Response:

Admitted.

- (a) Not applicable.
- (b) See SBC Ohio's response to request MS-41(b).

Responsible Person: Dr. Kent A. Currie

Associate Director-Cost Analysis & Regulatory

MS-50:

(MI MS-49, IN Jt. CLEC MS-43) It is our understanding that SBC Ohio includes the entirety of expenses booked to account 6728 as "common costs" in the development of its common cost numerator within its shared and common cost study in this proceeding. Please admit or deny that this is correct.

- (a) If your answer is anything other than an unequivocal "Admit," please explain in detail the basis of your answer, and provide a complete description of how expenses within Account 6728 are attributed to either shared or common costs in SBC Ohio's shared and common cost model.
- (b) Please explain with specificity any exercise undertaken by SBC Ohio to determine whether expenses included in Account 6728 above might be attributed as direct costs to any given product/service offered by SBC Ohio or as shared costs allocable to some group of products or services. Your complete response will include any analysis undertaken in this respect, will produce any documentation relied upon in making this determination, and will explain the results of any such analysis.

Response:

Denied.

- (a) Please refer to excel rows 120 and 121 of the Inputs tab of SBC Ohio's Shared and Common Cost study for explanations of adjustments to account #6728 for OSS Testing expenses and pension settlement losses. SBC Ohio acknowledges that certain Pension Settlement gains and losses are not forward looking in nature and removes them accordingly. Additionally, SBC Ohio adjusts the OSS testing expenses by replacing 2002 amounts with the annual average amount for each year the company incurs these expenses.
- (b) See SBC Ohio's response to request MS-50a.

Responsible Person: Dr. Kent A. Currie

Associate Director-Cost Analysis & Regulatory

MS-53:

(MI MS-53, IN Jt. CLEC MS-47) Answer the following concerning the Product Advertising costs (Account 6613) included in the wholesale marketing costs used in SBC Ohio's Shared and Common cost study:

- (a) Please provide a detailed description of this account.
- (b) Please provide a breakdown of the activities associated with Product Advertising.
- (c) Please provide a description of each advertising activity associated with this account including the dollars spent on each product supported by advertising during the 2002 test year used in the Shared and Common cost study.
- (d) Please identify the wholesale costs associated with each of the activities identified in response to MS-53(b) above.
- (e) For each of the costs identified in response to MS-53(c), please provide all evidence relied on by the Company to indicate these should be considered wholesale, rather than retail, costs.

Response:

SBC Ohio object to this request on the grounds that it is overly broad and unduly burdensome. SBC Ohio further object that this request is vague and ambigous. SBC Ohio further objects to this request to the extent it requests data that SBC Ohio does not collect, track or maintain.

- (a) This account includes the costs incurred in developing and implementing promotional strategies to stimulate the purchase of products and services. This excludes nonproduct related advertising, such as corporate image, stock and bond issue and employment advertisements, which should be included in the appropriate functional accounts.
- (b) See response to AT&T 3rd Set, MS-53 (a).
- (c) SBC Ohio does not track the Account 6613 Product Advertising by campaign. Below is a list of products associated with advertising in Account 6613:

Access Lines

Collateral/Fulfillment

Competitive Differentiation

CPE

DSL

Fed Unv Svc Fund - Lifeline

Creative Agency Work

Local Toll

Message Center/CallNotes

National Directory

Other Data Products

Packages/Bundles

Permission Marketing

Privacy Manager

Calling Card

Vertical Services

Winback

Access Line Retention

Telemarketing

Directory Ads

- (d) See response to AT&T 3rd Set, MS-53 (c)
- (e) See response to AT&T 3rd Set, MS-53 (c).

Responsible Person: Timothy Dominak

Director-Regulatory Accounting (AIT) 2000 W SBC Center DR Z1, Room 2F82

Hoffman Estates, IL 60196

MS-58:

(MI MS-103) Please provide the amount of deferred or unrecognized pension gains and losses that SBC Ohio (or SBC Midwest if applicable) and SBC Communications, Inc. had available to be amortized over future years as of December 31st for the years 1998, 1999, 2000, 2001, 2002 2003.

Response:

SBC Ohio objects to this request as being overly broad. SBC Ohio further objects on the ground this request seeks information that is not relevant to the issues in this proceeding and is not reasonably calculated to lead to the discovery of admissible evidence. The amount of deferred or unrecognized pension gains and losses for the entire corporate entity of SBC Communications, Inc. is not relevant to this proceeding.

Notwithstanding and without waiving the foregoing general and specific objections, SBC Ohio submits that the amount of unrecognized pension gains or losses for SBC Communications, Inc. between 1998 and 2003 can be found in SBC Ohio's publicly filed Annual Report.

Generally Accepted Accounting Principles (GAAP) require certain disclosures be made of components of net periodic pension cost for this period. GAAP further requires a reconciliation of the funded status of the plans with amounts reported in the balance sheets. The unrecognized pension gains and losses for the SBC Midwest plan as a whole are presented for years 1998 through 2003 on the attached document labeled "MS-58 Attachment." This confidential document maybe found on the CD produced by SBC Ohio with these responses under the file name "MS-58 Attachment." This information is not presented separately for SBC Ohio since the funded status of plan assets and obligations relates to the plans as a whole, which is sponsored by SBC.

SBC Ohio's response to this request is confidential and, therefore, subject to the protective order entered in this proceeding and the nondisclosure agreements executed by the parties in this proceeding.

Responsible Person: Timothy Dominak

Director-Regulatory Accounting (AIT) 2000 W SBC Center DR Z1, Room 2F82

Hoffman Estates, IL 60196

MS-63

(MI MS-67, IN Jt. CLEC MS-59) Identify specific campaigns currently being conducted to foster, facilitate or otherwise enhance or improve the sale of SBC Ohio's UNE services.

Response:

SBC Ohio objects to this request as being irrelevant and unlikely to lead to the discovery of admissible evidence. SBC Wisconsin further objects to this request as being vague and ambiguous, in that there is no such thing as a "UNE service." All CLECs must be aware of the availability of UNEs, and the CLECs' ability to negotiate and arbitrate terms and conditions of interconnection agreements to obtain UNEs. SBC Ohio also posts standard terms and conditions offered for UNEs on its website, which is accessible by all CLECs.

Responsible Person: Bill Bockelman

Director – ULS/Combinations 350 New Orleans Room 371 Chicago, Illinois 60654

MS-64

(MI MS-68, IN Jt. CLEC MS-60) During 2001, 2002 and 2003, how many times did SBC Ohio, or an agent of SBC Ohio, initiate contact with an outside entity for the purpose of persuading the entity to purchase UNE service from SBC Ohio? Provide details of each such contact.

Response:

SBC Ohio objects to this request as being irrelevant and unlikely to lead to the discovery of admissible evidence. SBC Wisconsin further objects to this request as being vague and ambiguous, in that there is no such thing as a "UNE service." All CLECs must be aware of the availability of UNEs, and the CLECs' ability to negotiate and arbitrate terms and conditions of interconnection agreements to obtain UNEs. SBC Ohio also posts standard terms and conditions offered for UNEs on its website, which is accessible by all CLECs.

Responsible Person: Bill Bockelman

Director – ULS/Combinations 350 New Orleans Room 371 Chicago, Illinois 60654

AFFILIATED / NON-AFFILIATED ENTITY TRANSACTIONS

MS-69:

(MI MS-74, IN Jt. CLEC MS-68 and MS-130) Please provide the <u>square footage</u> and the <u>percentage</u> of building space and land owned and leased by SBC Ohio that is rented to all non-affiliated entities. In identifying these amounts, please provide the following:

- (a) State whether SBC Ohio has adjusted the investment balances for buildings and land included within its cost studies in this proceeding to exclude building and land rented to non-affiliated entities.
- (b) Breakdown the square footage and percentage of buildings and land rented by non-affiliated entities between the following SBC Ohio categories:
 - Administration;
 - (ii) Network; and
 - (iii) Network Support.

Response:

SBC Ohio objects to this request on the grounds and to the extent that it seeks information that is not in SBC Ohio's possession, custody or control. SBC Ohio further objects to the extent this request seeks information that SBC Ohio does not collect, track or maintain.

Subject and without waiving to its general and specific objections, SBC Ohio states that the total square footage of building space and land owned and leased by SBC Ohio that is rented to all non-affiliated entities (including third party leases) is 268,239 sq. ft., or 3.8%.

- (a) SBC Ohio has not adjusted the investment balances for buildings and land included within its cost studies to exclude building and land rented to nonaffiliated entities.
- (b) SBC Ohio does not track this information in the manner requested and, thus, a breakdown is not possible. The square footage rented to non-affiliated entities is a combination of Network and Administrative space.

Responsible Person: Ruben Alvarez (CRE)

Director-Planning D&C

425 W. Randolph St., Room 9SE

Chicago, IL 60606

Kent A. Currie (Cost)

Associate Director-Cost Analysis & Regulatory

MS-73:

(MI MS-3, MI MS-88, IN Jt. CLEC MS-112 and IL AT&T MS-81) Please provide the most current copies of following documents describing the planning process employed by SBC to determine when, where and how to deploy new facilities and/or to repair existing facilities.

- (a) Ameritech Modified Distribution Area Plan ("MDAP")
- (b) Transport Engineering and Construction Policy ("TECP")
- (c) Loop Deployment Policies and Guidelines ("LDPG")
- (d) Loop Infrastructure Deployment ("LID") Guidelines Pronto
- (e) Loop Technology Planning ("LTP") (BR 916-100-017)
- (f) Bulk Defective Pair Recovery Process (AM-936-400-007)
- (g) Ameritech Defective Pair Recovery Order (DPRO) Process (SBC-002-341-015)
- (h) LEAD/FACS/PVI User Guide and Methods and Procedures
- (i) Consolidated Loop References
- (j) 2002 OSP Temporary Guidelines

Response:

SBC Ohio objects to this request on the ground and to the extent it is overly broad and unduly burdensome. SBC Ohio further objects to this request to the extent it is vague and ambiguous. SBC Ohio further objects on the grounds and to the extent this request seeks information or documents not relevant to the issues in this proceeding, and is not reasonably calculated to lead to the discovery of admissible evidence. SBC Ohio further objects to the extent it has already produced to AT&T the requested documents or information. Subject to and without waiving it general and specific objections, SBC Ohio states the following:

- (a) SBC Ohio is providing the requested "Modified Distribution Area Plan" (MDAP) as file "(MS-73a) Modified Distribution Area Plan" located on the Confidential CD produced by SBC Ohio with these responses. Please note that the MDAP is no longer the current guideline used by SBC Ohio.
- (b) The Transport Engineering and Construction Policy document has been superceded by the Consolidated Loop References. See SBC Ohio's response to subparagraph (i) below.

- (c) The Loop Deployment Policies and Guidelines have been superceded by the Consolidated Loop References. See SBC Ohio's response to subparagraph (i) below.
- (d) SBC Ohio objects to this request on the grounds that this request seeks information that is not relevant to the issues in this proceeding, and not reasonable calculated to lead to the discovery of admissible evidence. The SBC Loop Infrastructure Deployment ("LID") Guidelines Pronto document is out of date. Project Pronto is no longer an active project, having ended in 2002. The guidelines were developed several years ago, are no longer up-to-date and no longer being implemented.
- (e) See attached document titled Loop Technology Planning ("LTP") (BR 916-100-017) located in the MS-73(e) folder on the Confidential CD produced by SBC Ohio in this proceeding.
- (f) See attached filed titled (MS-73(f)) Bulk Defective Pair Recovery Process (AM-936-400-007).
- (g) See attached filed titled (MS-73(f)) Ameritech Defective Pair Recovery Order (DPRO) Process (SBC-002-341-015).
- (h) See the LEAD/FACS/PVI User Guide and Methods and Procedures document already produced by SBC Ohio in response to OH 02-1280-TP-UNC AT&T 2nd Set – BFP-53.
- See the Consolidated Loop References document already produced by SBC Ohio in response to OH 02-1280-TO-UNC AT&T 2nd Set – BFP-46.
- See attached file titled (MS-73(j)) 2002 OSP Temporary Guidelines. SBC Ohio further states that this document is not the most current guideline used by SBC Ohio.

Responsible Person: Pat Hamrock

General Manager

150 E. Gay Street, Room 13A Columbus, OH 43215

MS-86:

SBC's Shared and Common Study *OH_2002_SC_2004-02-11.xls*, (*Tab 2-Inputs*, cells C337-G346) lists expenses of SBC's wholesale Industry Markets organization for all 13 SBC states. Following the May 4, 2004 hearing in Wisconsin Docket No. 6720-TI-187 on discovery issues, SBC stated that it developed these figures through expert review, analysis and use of its internal databases. Please provide a detailed, step-by-step description of the process that SBC Ohio used to extract from its systems the wholesale expense data included in Excel cells D331-D337 of the referenced worksheet.

Response:

SBC Ohio objects to this request on the grounds and to the extent it is overbroad and unduly burdensome. SBC Ohio further objects that this request is vague and ambiguous, and calls for speculation particularly with respect to the request to "provide a detailed, step-by-step description of the process that SBC Ohio used to extract from its systems the wholesale expense data included in Excel cells D331-D337 of the referenced worksheet."

Notwithstanding and without waiving its general and specific objections, SBC Ohio responds as follows:

No wholesale expense data are included in cells D331-D336. Assuming that the request was intended to refer to cells D337-D343, SBC Ohio provides the following description:

Industry Markets (the entity in SBC that performs all wholesale functions) expenses is identified at the total company level by VP organization. See cells D337 – D343. Industry Markets Finance extracted these data using responsibility codes (RCs) ensuring that only functions (and associated expenses) performed within Industry Markets are identified. The data system queried was MR2000.

See SBC Ohio's response to MS-87 for a more detailed description of the MR2000 system.

Responsible Person: Kent A. Currie

Associate Director-Cost Analysis & Regulatory

45 Erieview Plaza, Room 1545

Cleveland OH, 44114

MS-88:

Regarding SBC's response to MS-29 (b):

For each of the nine Ameritech Services organizations listed in this response, please indicate whether this organization supports only wholesale services, only retail services or both.

Response:

SBC Ohio objects to this request on the grounds and to the extent it is overbroad and unduly burdensome. SBC Ohio objects to this request as vague and ambiguous, specifically with respect to "this organization supports." SBC Ohio further objects on the grounds that this request seeks information that SBC Ohio does not track, collect, or maintain. SBC Ohio further objects to performing any analyses or calculations of its business functions that SBC Ohio has not performed.

Notwithstanding and without waiving its general and specific objections, SBC Ohio responds as follows:

SBC Ohio does not track the detailed business functions of Ameritech Services, Inc. in a manner that allows for a complete response to this interrogatory. The following are the functions listed in the response to data Request MS-29 (b) along with the predominant support categorization as wholesale, retail or both wholesale and retail services.

MS-29 (b) Reported Function	Service Supported
Procurement and Property Services	Both wholesale and retail
Industry Markets ¹	Wholesale services
Network Services	Both wholesale and retail
Corporate Information Services	Both wholesale and retail
Consumer Services	Retail Services
Real Estate Services	Both wholesale and retail
Operator Services	Both wholesale and retail
Pay Phone Services	Retail
Corporate Support	Both wholesale and retail

Responsible Person: Tim Dominak

2000 West SBC Center Drive Hoffman Estates, Illinois 60196

Regulated Payphone service product management is included in Industry Markets

BFP-46:

(MI BFP-26) Provide all documents, reference material, instructions and any other SBC documents used by SBC engineers related to decisions of using copper feeder facilities or fiber feeder facilities with DLC.

Response:

The decision to use copper feeder facilities or fiber feeder facilities with DLC is made by selecting the most economic alternative. For supporting documentation, see the following confidential files:

BFP-46 CLR - December 2003 (Confidential).doc; and BFP-46 OH 02-1280-TP-UNC - AT&T 2nd Set - (FATCAT) - Confidential.doc

SBC Ohio is also providing 3 videos referenced in the FATCAT documentation as a separate CD-ROM. The 3 files names are:

FatCatCostEntry.avi FatCatDownload.avi FatCatOpenload.avi

This is SBC Confidential material.

Responsible Person: Patrick Hamrock

General Manager

150 E. Gay Street, Room 13A

Columbus, OH 43215

DATA REQUESTS

MCISBC-02 (MICHIGAN: MCISBC-002)

Please provide a <u>complete</u> copy of the most recent Ameritech Cost Analysis Resource, regardless of the extent to which SBC Ohio continues to maintain this document and/or whether SBC Ohio currently relies upon this document. Please also provide <u>complete</u> copies of the Ameritech Cost Analysis Resource that were used as the basis for all factors used in the existing cost studies supporting the current UNE loop and subloop rates. Verify that SBC's response to this request includes <u>all</u> data for <u>all</u> tabs within the ACAR documents.

SBC Ohio Supplemental Response (4/22/04)

SBC Ohio objects to this request as being overbroad and unduly burdensome in seeking "all" data or documents. SBC Ohio also objects to the request as being irrelevant in seeking information on a document that SBC Ohio may not maintain or rely upon in this case, and as seeking copies of a document used or cost studies in a prior proceeding. Nevertheless, subject to and without waiver of the foregoing objections, SBC Ohio provides the following information.

See the attached files:

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(MCI MCISBC-02) 02am1199.rtf
(MCI MCISBC-02) 03am1199.rtf
(MCI MCISBC-02) 04am1199.rtf
(MCI MCISBC-02) 04a-am1199.rtf
(MCI MCISBC-02) 08am1199_conf.rtf
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Witness Kent Currie

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Case No(s). 02-1280-TP-UNC

Summary: Confidential Release Document - Part 2- Direct Testimony of Michael Starkey originally filed 5/23/2004 electronically filed by Docketing Staff on behalf of Docketing