

1979

**distance
dialing
coordinating
handbook**



distance dialing coordinating handbook



Vol. 18 Issue 1

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Distance Dialing
Coordinating
Committee

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FOREWORD

This handbook is intended to provide information about future developments in the Distance Dialing program, current Distance Dialing statistics, pertinent historical facts and regional switching plan arrangements. The data included herein is kept current with information submitted in the Companies' Construction Budget Summaries for the April 1979 View and the Long Lines Routing Plan. The Distance Dialing Committee acknowledges the important contributions made by the Distance Dialing Coordinators in keeping this handbook up to date. This material is prepared by the Bell System for Distance Dialing Coordination Information only. Its distribution is in no sense a publication.

NOTICE

NOT FOR USE OR DISCLOSURE OUTSIDE THE
BELL SYSTEM EXCEPT UNDER WRITTEN AGREEMENT

Network Programming And Analysis Department

Chart 1

DISTANCE DIALING STATISTICS APRIL 1979 CONSTRUCTION BUDGET VIEW

LONG DISTANCE MESSAGES-BELL OPERATED (During Year-Millions)	1978 (Actual)	1979	1980
Intrastate* ϕ	9377.6	10367.9	11309.4
Interstate* ϕ	5455.6	6002.3	6502.0
% Dialed By Customers (DDD)*	84.9	85.4	85.9
% Dialed By Operators (DDD)*	6.4	5.4	4.5
% Customer Dialed Operator Serviced (TSPS, TSP)*	8.8	9.2	9.6

OUTWARD INTERNATIONAL MESSAGES (During Year-Millions)			
Total	41.5	58.7	72.2
IDDD Countries	34.7	56.0	70.6
% IDDD – Customer Dialed	33.5	39.1	44.3
% IDDD – Operator Dialed (IOTC)	47.9	47.8	46.2
% IDDD – Operator Dialed (IOC)	18.6	13.1	9.5

TELEPHONES (End Of Year – Millions)	Bell Cos.	Non-Bell	Bell Cos.	Non-Bell	Bell Cos.	Non-Bell
Total Main Tels. & Equiv. Main Tels	78.4	19.7	81.5	20.5	84.4	21.5
Equipment For DDD.	78.2	18.7	81.3	19.7	84.4	20.6
With Access To IDDD/IOTC	58.4		64.3		70.0	
Served By TSPS Or Equivalent	66.5	5.3	74.1	7.2	79.8	8.6
With ANC Numbering	77.5	19.7	80.6	20.6	83.5	21.6
Operator Identified	2.4		1.7		1.3	
Automatically Identified – AMA	47.3		52.5		58.3	
Automatically Identified – ANI	28.5		27.1		24.8	

TOLL MESSAGE NETWORK TRUNKS (End Of Year-Thousands)						
Total	6118		6388		6629	
CCIS	54.7		151.7		315.3	

TOLL OFFICE DATA (End Of Year)						
Local Central Office Buildings (Equipped For DDD)	8689		8722		8770	
Traffic Toll Centers (Toll Offices Of Any Rank Providing Inward Operator Assistance)	580	428	492	408	424	386
Toll Centers Equipped With CAMA	447	401	384	388	329	371
Toll Centers Equipped For CCIS	71	1	107	1	159	1
Total Toll Positions	35150		30689		28632	
TSPS And TSP Positions (Included Above)	19867		20767		22127	

"Bell Cos." Includes Bell System Operating Companies Plus Southern New England And Cincinnati Bell.
 "Non-Bell" Companies Include Independent Companies In The Territory Served By The Above Bell Companies.
 All Data Excludes Canada.
 *This Data For Bell Companies. ϕ -on MA #9 Basis

ORDERING INFORMATION

To Obtain Additional Copies Of This Handbook, Use Your Company's Standard B.S.P. Order Form Worded As Follows:
 (Quantity) Distance Dialing Coordinating Handbook, (100-040), Dated 1979 Send Through Normal Channels
 To: Western Electric Co., Inc., Indiana Publication Center, P.O. Box 26205, Indianapolis, Ind. 46226

Chart 2

CUTOVER DATES FOR DISTANCE DIALING ACTIVITIES REQUIRING NATIONWIDE ROUTING CHANGES

MONTH	1980	1981	1982	1983	1984
January	5-19	3-17	2-16	8* - 15	7-21
February	2-16	7-21	6-20	5 - 19	4-18
March	1-15-29#	7-21	6-20	5 - 19	3-17
April	19	4-25*	3-17	9* - 16	7-28*
May	3-17	2-16	1-15	14* - 21	5-19
June	7-21	6-27*	5-26*	4 - 25*	2-23*
July	5-19	11* 18	3-17	2 - 16	7-21
August	2-16	1-15	7-21	6 - 20	4-18
September	6-20	5-19	4-18	3 - 17	1-15
October	4-18	3-17	2-16	1 - 15	6-20
November	1-15	7-21	6-20	5 - 19	3-17
December	6-20	5-19	4-18	3 - 17	1-15

NOTE: These dates are the first and third Saturdays of each month except when they fall on major holidays or immediately precede Easter, Mother's Day, or Father's Day.

*deferred one week

#advanced one week

Cutover Hour	
Time Zone	<u>Saturday</u>
	Nationwide time
Atlantic	3:00 PM
Eastern	2:00 PM
Central	1:00 PM
Mountain	12:00 Noon
Pacific	11:00 AM
Alaska** & Hawaii	9:00 AM

** Anchorage, Fairbanks

Chart 3

NO. 4 ESS OFFICES IN SERVICE – END OF 1978									
CO	LOCATION	CLLI	CLASS ¹	SERVICE DATE	C = CAMA T = TSPS	MACHINE ² RESPONSIBILITY			
						T	E	A	M
NY	New York 12	NYCQNYRP08T	2	08/77	C	L	L	L	L
	New York 24	NYCMNYBW24T	3	04/78		L	L	L	L
NJ	Freehold 2	FRHDNJ0202T	4/T0	04/78		L	L	L	L
PA	Wayne 2	WAYNPALA42T	1	09/77	C	L	L	L	L
	Pittsburgh 3	PITBPADG43T	4	11/77		L	L	L	L
C&P	Washington 6, DC	WASHDCSW06T	3	03/78		L	L	L	L
SO	Jacksonville 3, FL	JCVLFLCL03T	2	12/76	C,T	L	L	L	L
	Atlanta 4, GA	ATLNGATL01T	3	01/77	T	L	L	L	L
	Ojus 3, FL	OJUSFLTL03T	4	05/78	C,T	L	L	L	L
SOCN	Nashville 2, TN	NSVLTNMT43T	2	01/78	C,T	L	L	L	L
	Montgomery, AL	MTGMALMT01T	3	04/78	C,T	C	C	C	C
OHIO	Columbus 3, OH	CLMBOH1103T	3	04/77		L	L	L	L
ILL	Chicago 7, IL	CHCGILCL57T	SRT#	01/76	C	L	L	L	L
	Chicago 8	CHCGILCG58T	3	07/78	C,T	L	L	L	L
SW	Kansas City 2, MO	KSCYMO0904T	2	07/76	C,T	L	L	L	L
	Dallas 3, TX	DLLSTXTL34T	1	12/76	C,T	L	L	L	L
	San Antonio 2, TX	SNANTXCA02T	2	05/77	C,T	L	L	L	L
MTN	Albuquerque 2, NM	ALBQNMMA02T	2	11/77	C,T	L	L	L	L
PAC	San Diego 3	SNDGCA0787T	3	04/78	C,T	C	C	C	C
	Sacramento 4	SCRMCA0404T	2	10/78	C	C	C	L	L
<u>NON-BELL</u>	Winter Haven, FL	WVHNFLXC02T	4	10/77	C,T				

NO. 1 ESS/1A ESS TOLL OFFICES IN SERVICE - END OF 1978

CO.	LOCATION	CLLI	TYPE PROCESSOR	TRUNKS 2 = 2 WIRE 4 = HI-LO	SERVICE DATE		CLASS ¹	C = CAMA T = TSPS RTA
					OFFICE	CCIS		
NE	Burlington, VT Concord, NH	BURLVTMA03T	1A	2	10/78		4	C, RTA
		CNCRNHS002T	1E	2	10/78		4	C, RTA
NY	Niagara Falls	NGFLNYP005T	1E-SP	2	5/75		4	C
NJ	Wildwood Vineland	WLWDNJWIO3T	1E-CC	2	/72		4A	
		VNLDNJVLO2T	1E-CC	2	/74		4A	
PA	State College Uniontown Hazleton Greensburg	STCGPAES81T	1E-CC	2	05/75		4	C, RTA
		UNTNPAUN81T	1E-SP	2	01/77		4	C, RTA
		HZTNPAHZ81T	1E-SP	2	06/77		4	C
		GNBGPAGR81T	1A	2	12/78		4	C
C&P	Fredericksburg, VA Lynchburg, VA Huntington, WV Salisbury, MD Morgantown, WV Parkersburg, WV	FRBGVAFB02T	1E-CC	2	11/75		4	C
		LYBGVACH02T	1E-CC	2	11/75		4	C, RTA
		HNTNWDVT22T	1E-SP	2	06/76		4	C
		SLBRMDSB07T	1E-SP	2	07/76		4	C
		MGTWVWFY22T	1E-SP	2	07/78		4	C
		PRBGWVKT22T	1E-SP	2	10/78		4	C
SO	Rome, GA Athens, GA Panama City, FL Savannah, GA Daytona Beach, FL Wilmington, NC Augusta, GA Asheville, NC Albany, GA	ROMEGATL02T	1E-CC	2	12/73		4	C, RTA
		ATHNGAMA02T	1E-CC	2	12/75		4	C, RTA
		PNCYFLMA03T	1E-SP	2	01/76		3	C, RTA
		SVNHGABS02T	1E-SP	2	05/76		3	C, T
		DYBHFLMA03T	1E-SP	2	09/76		4	C, T
		WLMGNCFO02T	1E-SP	2	04/77		4	C
		AGSTGAMT02T	1E-SP	2	06/77		4	C, RTA
		AHVLNCOH02T	1E-SP	2	07/77		4	RTA
		ALBYGAMA02T	1A	4	12/78		4	C, RTA
		SOCN	Lake Charles 2, LA Greenville, MS Alexandria, LA Natchez, MS Anniston, AL Lafayette, LA Frankfort, KY	LKCHLADT03T	1E-SP	2	12/73	
GNVLMMA06T	1E-SP			2	11/74		4	
ALXNLAMA03T	1E-SP			2	07/75		4	C
NTCHMSMA06T	1E-SP			2	10/75		4	C, RTA
ANTNALMT01T	1E-SP			2	04/77		4	C, RTA
LFYTLAMA03T	1E-SP			4	08/78	8/78	3 TO	C, RTA
FRFTRKMA01T	1A			2	12/78		4	RTA

Chart 4

NO. 1 ESS/1A ESS TOLL OFFICES IN SERVICE – END OF 1978

CO.	LOCATION	CLLI	TYPE PROCESSOR	TRUNKS 2 = 2 WIRE 4 = HI-LO	SERVICE DATE		CLASS ¹	C = CAMA T = TSPS RTA
					OFFICE	CCIS		
OHIO	Middletown	MDTWOH4250T	1E-SP	2	5/76		4	C
	Springfield	SPFDH3250T	1A	2	5/78		4	C,RTA
MICH	Mount Clemens	MTCLMIMN20T	1E-CC	2	3/75		4	
	Sault Ste Marie	SSMRMIMN17T	1E-SP	2	6/76		4	C
	Port Huron	PTHMIMN20T	1E-SP	2	8/76		4	C
IND	Gary	GARYING050T	1E-SP	2	5/77		4	C,RTA
	New Albany	NWALIN0101T	1E-SP	2	11/77		4	C
	Muncie	MUNCINO102T	1E	2	1/78		4	
	Columbus	CLMBINO102T	1E	2	7/78		4	
WISC	Sheboygan	SHBYWIO181T	1E-SP	2	12/76		4	C
	Janesville	JNVLWIO181T	1E-SP	2	6/77		4	C
	Green Bay	GNBYWIO184T	1E-SP	2	10/77		4	C
	Eau Claire	EUCLWIO184T	1E-SP	4	11/78		2	C,RTA
ILL	Kankakee	KNKKILKK50T	1E-SP	2	/73		4	C
	Joliet	JOLTILJ050T	1E-CC	2	2/77		4	C, RTA
	Rockford	RCFRILRT51T	1E	4	11/78	11/78	3TO	
NW	Rochester, MN	ROCHMNR006T	1E-SP	2	5/74		4	C
	Duluth, MN	DLTHMME06T	1E-SP	2	6/74		4	C,RTA
	Marshalltown, IA	MRTWIAS007T	1E-CC	2	11/75		4	C
	Wayzata, MN	WYZTMNWA06T	1E-SP	2	6/76		4	C
	Davenport, IA	DVNP IADT07T	1E-SP	2	10/76	11/78	3	C
	Albert Lea, MN	ALLEMNAL06T	1E-CC	2	11/76		4	C
	Brainerd, MN	BRNRMNBRO6T	1E-CC	2	4/77		4	C
	Sioux Falls, SD	SXFLSDC006T	1E-SP	4	4/77		3	C,T
	St. Cloud, MN	STCDMNT006T	1E-SP	4	12/77		3	C

Chart 4

NO. 1 ESS/1A ESS TOLL OFFICES IN SERVICE - END OF 1978

CO.	LOCATION	CLLI	TYPE PROCESSOR	TRUNKS 2 = 2 WIRE 4 = HI-LO	SERVICE DATE		CLASS ¹	C = CAMA T = TSPS RTA
					OFFICE	CCIS		
SW	Wichita Falls, TX	WCFLTXNIO3T	1E-SP	2	10/74		3	C, T
	Galveston, TX	GLTNTXS001T	1E-SP	2	12/74		4	
	Greenville, TX	GNVLTXGLO3T	1E-SP	2	08/75		3	C, RTA
	Lawton, OK	LWTNOKTBO3T	1E-CC	2	10/75		3/TO	
	Midland 1, TX	MDLDTXMU01T	1E-SP	2	10/76		3	C, T
	Amarillo 2, TX	AMRLTXO201T	1E-SP	2	11/76		4A	C, RTA
	Temple, TX	TMPLTXDNO1T	1E-CC	2	04/77		4	C
	Fayetteville, AR	FYVLARHIO1T	1E-SP	4	06/77		4	
	Richmond-Rosenberg, TX	RSBGTXRR01T	1E-CC	2	11/77		4	C
	Harlingen, TX	HRLNTXHG02T	1E-SP	2	12/77		4	C, RTA
	Topeka, KS	TPKAKSJA03T	1A	4	02/78		4 TO	C, T
	Pine Bluff, AR	PNBLARJE01T	1E-SP	4	06/78		4	RTA
	Beaumont 2, TX	BUMTTXTE02T	1A	4	08/78		4	
	Cape Girardeau, MO	CPGRMOED02T	1E-CC	4	08/78		4	
	Lubbock 1, TX	LBCKTXPS02T	1A	2	10/78		3	C, RTA
	Jonesboro, AR	JNBOARMA01T	1E-SP	4	11/78		4	RTA
	Woodward, OK	WDWROKMA03T	1E-CC	2	11/78		4	RTA
Nacogdoches, TX	NCGDTXNCO1T	1A	2	12/78		4		
MTN	Idaho Falls, ID	IDFLIDMA01T	1E-CC	2	09/75		4	C
	Provo 1, UT	PROVUTMA01T	1E-SP	2	05/76		3	C, RTA
	Helena, MT	HLNAMTMA01T	1E-CC	4	09/77		3/TO	
	Billings 2, MT	BLNGMTMA02T	1E-CC	4	05/78		2/TO	
	Casper, WY	CSPRWYMA01T	1E	4	05/78		3	RTA
PNB	Corvallis, OR	CRVSOR6502T	1E-CC	2	03/75		4	
PAC	San Mateo	BRLNCA0135T	1E-SP	2	/73		4A	
	Monterey	MTRYCA0115T	1E-SP	2	02/74		4	
	Ventura	VNTRCA0258T	1E-CC	2	07/77		4	
SNE	Manchester	MNCHCT0002T	1E-SP	2	12/76		4	
	Danbury	DNBRCT0003T	1E-SP	2	12/77		4	
	Meriden	MRDNCT0003T	1E-SP	2	02/78		4A	
	Torrington	TRINCT0002T	1E-CC	2	03/78		4	
	New Britain	NWBRCT0002T	1A	2	06/78		4	
	New Haven	NWHNCT0304T	1A	2	10/78		4A	
	New London	NWLNCT0202T	1A	2	10/78		4	
	Middletown	MDTWCT0002T	1E-SP	2	12/78		4	

Chart 4

NO. 1 ESS/1A ESS TOLL OFFICES IN SERVICE - END OF 1978

CO.	LOCATION	CLLI	TYPE PROCESSOR	TRUNKS 2 = 2 WIRE 4 = HI-LO	SERVICE DATE		CLASS 1	C = CAMA T = TSPS RTA
					OFFICE	CCIS		
Non Bell	Fulton, NY	FLTNNYXA02T	1E			12/75	4	C
	Middleburgh, NY	MDLBNYXA01T	1E			3/75	4	C,T
	Monroe, NY	MONRNYXA02T	1E			3/76	4	C
	West Point, GA	WSPNGAXA02T	1E				4	
	Cornelia, GA	CRNLGAXA01T	1E				4A	C
	Mankato, MN	MNKTMNXM06T	1E			12/78	4	C,T
	Andrews, TX	ANDRTXXA06T	1E			9/78	4	
	Bryan, TX	BRYNTXXA01T	1E				4	C,T
	Navasota, TX	NVSTTXXA01T	1E				4	C
	Newton, TX	NWTNTXXA01T	1E				4	C

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Chart 4

NO. 4 CROSSBAR OFFICES IN SERVICE - END OF 1978

CO.	LOCATION	CLLI	TYPE/ CLASS 1	SERVICE DATE			RETIRE- MENT DATE	P = PBC C = CAMA CC = CAMAC T = TSPS S = STP RTA	MACHINE 2 RESPONSIBILITY				
				OFFICE	ETS	CCIS			T	E	A	M	
NE	Boston 2, MA	BSTNMAFR02T	4M/2	11/49			8/79	T	L	L	L	L	
	Springfield 2, MA	SPFDMABR01T	4A/2	05/63			5/80	C, RTA	L	L	L	L	
	Boston 9, MA	BSTNMAFR09T	4A/2	04/70	04/70		8/81	P, T, S	L	L	L	L	
	Providence 4, RI	PRVDRIGR04T	4A/3	06/72	06/72	04/77	/85	P, T	L	L	L	L	
	Cambridge 16, MA (Kendall Square)	CMBRMABE16T	4A/3A	06/73	06/73		9/81		C	C	C	C	
	Portland 2, ME	PTLDMEFO02T	4A/3	06/73	06/73		/87	T	C	C	C	C	
	Lawrence 2, MA	LWRNMACA02T	4A/3	10/73	10/73		/85	T	C	C	C	C	
	Framingham 3, MA	FRMNMAWA03T	4A/3	06/74	06/74		/84	P, T	C	C	C	C	
	Brockton 2, MA	BRTNMAC002T	4A/3	04/75	04/75	11/78	/83	P, T	C	C	C	C	
	Worcester 2, MA	WRCSMAO202T	4A/3	09/75	09/75		/85	P, T	L	L	L	L	
	NY	Albany 2	ALBYNYSS04T	4A/2	04/50			3/82	T	L	L	L	L
		Syracuse	SYRCNYSU04T	4A/3	05/54	04/76		3/83	P, C, T	C	C	C	C
White Plains 2		WHPLNY0201T	4A/1T	11/54	10/70		8/80	P, S	L	L	L	L	
Buffalo 1		BFLONYFR04T	4A/3T	05/56	05/73	02/78	3/84	P, C	C	C	C	C	
New York 7		NYCMNY5404T	4A/3T	09/63			1/81		L	L	L	L	
Suffolk 1		HNTNNYSU01T	4A/2	06/70	06/70		/80	P, T	L	L	L	L	
Varick Street		NYCMNYVS01T	4A/3A	12/71	12/71		/84	P, T	C	C	C	C	
New York 6		NYCMNY5405T	4A/3	08/72	08/72		/82	P, T	L	L	L	L	
New York 10		NYCMNYBW01T	4A/4	06/73	06/73		10/79		L	L	L	L	
Garden City 1		GRCYNYGC01T	4A/4A	10/73	10/73		/81	P	C	C	C	C	
White Plains 4		WHPLNYWP03T	4A/3	10/73	10/73		/81	P, C, T	C	C	C	C	
Broadway 2		NYCMNYBW20T	4A/4A	02/74	02/74		/83	P	C	C	C	C	
New York 11		NYCMNYBW02T	4A/4	08/74	08/74		/80	P	L	L	L	L	
NJ	Newark 2	NWRKNJ0205T	4A/2T	08/53			6/80		L	L	L	L	
	Rochelle Park 1	RCPKNJ0201T	4A/3	11/66	10/74		5/82	P, T	C	C	C	C	
	Camden 2	CMDNNJCE02T	4A/2	10/69	10/69		4/79	T	L	L	L	L	
	New Brunswick 4	NBWKNJNB02T	4A/3	08/70	08/70		/83	P, T	C	C	C	C	
	Newark 7	NWRKNJ0207T	4A/4	07/73	07/73		10/81	T	C	C	C	C	
	Cedar Knolls 1	CDKNNJCK01T	4A/3	06/74	06/74	04/78	6/84	P, RTA	L	L	L	L	
	Hamilton Square 1	HMSQNJHS01T	4A/3	10/74	10/74		/85	P, T	L	L	L	L	
	Rochelle Park 2	RCPKNJ0202T	4A/4T	06/75	06/75		5/82	P	L	L	L	L	

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Unit 5

NO. 4 CROSSBAR OFFICES IN SERVICE - END OF 1978

CO.	LOCATION	CLLI	TYPE/ CLASS ¹	SERVICE DATE			RETIRE- MENT DATE	P = PBC C = CAMA CC = CAMAC T = TSPS S = STP RTA	MACHINE ² RESPONSIBILITY			
				OFFICE	ETS	CCIS			T	E	A	M
PA	Philadelphia 2	PHLAPAMK41T	4M/3	08/43			6/80	T	L	C	L	C
	Pittsburgh 1	PITBPADT41T	4A/2	07/51			12/80	C,T	L	L	L	C
	Scranton	SCTNPASC41T	4A/3	05/53			5/81	C,RTA	C	C	C	C
	Harrisburg	HRBGPAA41T	4A/2	12/55	06/74		12/80	P,C,T	L	L	L	L
	Pittsburgh 2	PITBPADG42T	4A/1T	11/70	11/70		10/79	P	L	L	L	L
	Ft. Washington 1	FTWSPA41T	4A/3	06/72	06/72	09/77	/83	P,T	C	C	C	C
	Philadelphia 3	PHLAPASL41T	4A/3	06/74	06/74		10/80	P	L	L	L	L
	Wilmington, DE	WLMGDEWL41T	4A/3	03/75	03/75	06/78	/83	P,T	C	C	C	C
C&P	Baltimore 2, MD	BLTMMDDT02T	4A/2	08/50	05/76		1/81	P,T	C	C	C	C
	Richmond 1, VA	RCMDVAGRO1T	4A/2	06/54	03/76		6/81	P,C,T,S	C	C	C	C
	Charleston 1, WV	CHTNWVLE24T	4A/2T	03/61			4/82	C	C	C	C	C
	Washington 3, DC	WASHDCSW04T	4A/2	03/67	05/71	08/77	9/80	P,T	C	C	C	C
	Arlington 2, VA	ARTNVACK03T	4A/3	02/72	02/72	08/77	4/82	P,T	C	C	C	C
	Norfolk 3, VA	NRFLVABS02T	4A/3	05/72	05/72		4/81	P,T	C	C	C	C
	Baltimore 9, MD	BLTMDCHO9T	4A/3	05/74	05/74		12/80	P,T	C	C	C	C
	Roanoke 2, VA	RONKVALK02T	4A/3	05/75	05/75	11/78	/90	P,C,RTA	C	C	C	C
SO	Charlotte 1, NC	CHRLNCCA01T	4A/2	11/54	04/72		5/80	P,C,T	L	L	L	L
	Miami 2, FL	MIAMFLTL02T	4A/4	11/57			9/81	T	L	L	L	L
	Columbia 1, SC	CLMASCTLO1T	4A/2	04/59	03/75		11/81	P,C,T	L	L	L	L
	Rockdale, GA	RCDLGATL41T	4A/1	06/60	06/70		6/80	P,T	L	L	L	L
	Greensboro 1, NC	GNBONCEU01T	4A/2	08/60	3Q-73	05/78	3/81	P,C,T	L	L	L	L
	Orlando 1, FL	ORLDFLMA01T	4A/2	11/62	09/73		4/81	P,C,T	L	L	L	L
	Raleigh, NC	RLGHNCM003T	4A/3	08/71	08/71		7/84	P,C,T	C	C	C	C
	Columbus 1, GA	CLMBGAMT42T	4A/4	11/71	11/71		4/81	P,CC,T	C	C	C	C
	Florence, SC	FLRNSCMA02T	4A/3	04/72	04/72		4/82	P,C	C	C	C	C
	Ojus 1, FL	OJUSFLTL01T	4A/3	11/72	11/72		9/79	P,C,T	L	L	L	L
	Atlanta 3, GA	ATLNGANW43T	4A/4	01/73	01/73		4/82	P,T	L	L	L	L
	Pensacola, FL	PNSCFLBLO3T	4A/4	05/73	05/73	09/78	3/82	P,T	C	C	C	C
	Gainesville 2, FL	GSVLFLAN03T	4A/3	08/74	08/74		3/82	P,C,RTA	C	C	C	C
	Gastonia, NC	GSTANCS002T	4A/3T	04/75	04/75		5/80	P,C	C	C	C	C
	Macon 2, GA	MACNGAGA42T	4A/2	05/75	05/75	03/78	/84	P,T	C	C	C	C
Winston-Salem, NC	WNSLNCFI02T	4A/3T	05/75	05/75		3/81	P,C	C	C	C	C	
Greenville, SC	GNVLSCTLO1T	4A/3	06/75	06/75		10/82	P,C,T	C	C	C	C	
West Palm Beach 3, FL	WPBHFLAN03T	4A/3	09/75	09/75		8/81	P,T	L	L	L	L	

Chart 5

NO. 4 CROSSBAR OFFICES IN SERVICE – END OF 1978

CO.	LOCATION	CLLI	TYPE/ CLASS 1	SERVICE DATE			RETIRE- MENT DATE	P = PBC C = CAMA CC = CAMAC T = TSPS S = STP RTA	MACHINE 2 RESPONSIBILITY			
				OFFICE	ETS	CCIS			T	E	A	M
SOCN	New Orleans 1, LA	NWORLAMA01T	4A/2	03/53	01/74	04/77	6/80	P,T	L	L	L	L
	Memphis 1, TN	MMPHTNMA41T	4A/2	10/56	04/72		2/81	P,CC,T	L	L	L	L
	Birmingham 1, AL	BRHMALMT56T	4A/2	08/57	05/74		4/81	P,CC,T,S	L	L	L	L
	Louisville 1, KY	LSVLKYCS04T	4A/2	11/57	04/72		7/80	P,CC,T	L	L	L	L
	Jackson 2, MS	JCSNMSPS04T	4A/2	06/59	03/74	04/77	/85	P,CC,T	L	L	L	L
	Knoxville 1, TN	KNVLTNMA41T	4A/3	02/61			1/81	CC,T	C	C	C	C
	Baton Rouge 1, LA	BTRGLAMA01T	4A/4	08/71	08/71		12/84	P,CC,T	C	C	C	C
	Decatur 1, AL	DCTRALMT56T	4A/3	04/74	04/74		10/81	P,CC,RTA	C	C	C	C
	Shreveport 1, LA	SHPTLATL02T	4A/3	04/74	04/74	12/77	4/90	P,CC,T	C	C	C	C
OHIO	Cleveland 1	CLEVOH6201T	4M/3	06/49			6/80	C,T	L	L	L	L
	Columbus 2	CLMBOH1102T	4A/4A	10/56	11/71		6/79	P,T,S	C	C	C	C
	Toledo 1	TOLDOH2101T	4A/3	08/61	04/73	04/77	/84	P,C,T	L	L	L	L
	Dayton	DYTNOH1501T	4A/3	11/63	12/75	06/78	/86	P,C,T	C	C	C	C
	Cleveland 2	CLEVOH0202T	4A/2	08/72	08/72		12/79	P,T	L	L	L	L
	Akron 2	AKRNOH2502T	4A/3	11/73	11/73		4/83	P,T	C	C	C	C
	Youngstown 2	YNTWOH0202T	4A/3	04/75	04/75		/88	P,T	C	C	C	C
MICH.	Detroit 1	DTRTMIBA40T	4A/2T	10/53	12/70		4/81	P,S	L	L	L	L
	Grand Rapids 1	GDRPMIBL40T	4A/2	04/69	04/69	08/77	/85	P,T	L	L	C	C
	Plymouth 1	PLMOMIFA40T	4A/3	07/69	07/69	06/77	/87	P,C,T	C	C	C	C
	Pontiac 2	PNTCMIMN40T	4A/3	06/72	06/72	10/78	4/83	P,C,T	C	C	C	C
	Detroit 2	DTRTMIBH40T	4A/4	03/74	03/74		4/81	P,T	C	C	C	C
	Kalamazoo 2	KLMZMIFA40T	4A/3	06/74	06/74		/95	P,RTA	C	C	C	C
	Saginaw 2	SGNWMIFA40T	4A/3	12/74	12/74		/91	P,T	C	C	C	C
	Lansing 2	LNNGMIMN40T	4A/3	06/75	06/75		/89	P,RTA	C	C	C	C
IND.	Indianapolis 1	IPLSIN0104T	4A/2	05/50	06/73		10/80	P,C,T,S	L	L	L	L
	South Bend 1	SBNDIN0504T	4A/2	04/70	04/70	06/78	/83	P,T	L	L	L	L
	Bloomington 1	BLTNIN0104T	4A/2	08/70	08/70		/88	P,T	C	C	C	C
WISC.	Milwaukee 1	MILWWI4841T	4A/3T	05/55			9/81		L	L	L	L
	Waukesha 2	WKSHWI0241T	4A/2	05/73	05/73	11/76	3/79	P,T	L	L	L	L
	Madison 2	MDSNWI0241T	4A/3	05/76	05/76	05/76	/85	P,T	L	L	L	L

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Chart 5

NO. 4 CROSSBAR OFFICES IN SERVICE – END OF 1978

CO.	LOCATION	CLLI	TYPE/ CLASS ¹	SERVICE DATE			RETIRE- MENT DATE	P = PBC C = CAMA CC = CAMAC T = TSPS S = STP RTA	MACHINE ² RESPONSIBILITY			
				OFFICE	ETS	CCIS			T	E	A	M
ILL.	Chicago 3	CHCGILEG43T	4A/3	09/54			6/79	C	L	L	L	L
	Springfield 1	SPFDILSF41T	4A/2	09/60	09/74	11/77	-	C,P	L	L	L	L
	Norway 1	NRWYILNO41T	4A/1	12/62	12/75	04/77	/85	P	L	L	L	L
	Chicago 6	CHCGILCL46T	4A/2	06/71	06/71		6/79	P,T	L	L	L	L
	Oak Brook 1	OKBRILOA41T	4A/4	08/72	08/72	07/77	3/81	P,T	L	L	L	L
	Champaign 1	CHMPILRA41T	4A/3	11/72	11/72	11/78	/84	P	C	C	C	C
	Peoria 2	PEORILPJ41T	4A/3	10/73	10/73	11/78	/84	P,T	C	C	C	C
	Northbrook 2	NBRKILNT41T	4A/3	04/74	04/74	07/77	4/82	P,T	L	L	L	L
	Collinsville 2	COVLTLCL41T	4A/2	10/75	10/75	04/78	/88	P,C	L	L	L	L
NW	Minneapolis 1, MN	MPLSMNDT04T	4A/2	02/51	06/71		7/80	C,T	L	L	L	L
	Omaha 1, NE	OMAHNENW04T	4A/2	02/52	01/71		4/79	P,C,T,S	L	L	L	L
	Des Moines, IA	DESMIADT04T	4A/2	06/57	10/70		10/81	P,C,T	L	L	L	L
	St. Paul 2, MN	STPLMNMK04T	4A/3	11/71	11/71		6/80	C,T	L	L	L	L
	Fargo 1, ND	FARGNDBC03T	4A/2	11/75	11/75		/97	P,C	L	L	L	L
SW	Houston 1, TX	HSTNTX0114T	4A/2	07/52	10/73		5/79	C,T	L	L	L	L
	Oklahoma City 1, OK	OKCYOKCE14T	4A/2	02/54	09/73		5/79	P,C,T,S	L	L	L	L
	Little Rock, AR	LTRKARFR14T	4A/3	05/54	06/74		8/81	P,C,T	L	L	L	L
	St. Louis 1, MO	STLSMO0914T	4A/1	04/55	02/69		8/80	P,T	L	L	L	L
	Tulsa 1, OK	TULSOKTB14T	4A/3	04/57	04/73		6/80	C,T	C	C	C	C
	Wichita, KS	WCHTKSBR14T	4A/3	10/57	06/75		4/81	C,T	C	C	C	C
	Fort Worth 1, TX	FTWOTXED14T	4A/2	07/60	10-72		6/79	C,T	L	L	L	L
	Dallas, TX	DLLSTXTA02T	4A/Lc1	02/70	02/70		-		C	C	C	C
	St. Louis 2, MO	STLSMO0924T	4A/3	04/70	04/70		8/80	P,C,T,S	L	L	L	L
	Houston 2, TX	HSTNTX0124T	4A/3	06/71	06/71		8/79	C,T	L	L	L	L
	Mission, KS	MSSNKSFR04T	4A/3T	04/72	04/72		3/80	C	C	C	C	C
	Longview 1, TX	LGVWXTL14T	4A/3	03/73	03/73		6/81	P,C,T	C	C	C	C
	Corpus Christi 1, TX	CRCHTXTU04T	4A/3	10/73	10/73		4/83	P,C,T	C	C	C	C
	Austin 1, TX	AUSTTXGR04T	4A/3	05/74	05/74		4/82	P,C,T	C	C	C	C
Houston 3, TX	HSTNTX0834T	4A/4	05/75	05/75		8/79	P, T	L	L	L	L	

NO. 4 CROSSBAR OFFICES IN SERVICE - END OF 1978

CO.	LOCATION	CLLI	TYPE/ CLASS 1	SERVICE DATE			RETIRE- MENT DATE	P = PBC C = CAMA CC = CAMAC T = TSPS S = STP RTA	MACHINE ² RESPONSIBILITY			
				OFFICE	ETS	CCIS			T	E	A	M
MTN	Denver 1, CO	DNVRCOMA01T	4A/2	11/54	12/70		4/80	P,C,T	L	L	L	L
	Salt Lake City 1, UT	SLKCUTMA01T	4A/2	05/58	07/73	08/78	4/82	P,C,T	L	L	L	L
	Phoenix 1, AZ	PHNXAZMA01T	4A/2	12/66	12/73		9/80	P,C,T	L	L	L	L
	Pueblo 1, CO	PUBLICOMA01T	4A/3	04/69	04/69		10/81	P,C	C	C	C	C
	Colorado Springs 1, CO	CLSPCOMA01T	4A/4	05/71	05/71		10/81	P,T	L	L	L	L
	Cheyenne 1, WY	CHYNWYMA01T	4A/2T	05/72	05/72		12/79	P,C	C	C	C	C
	Denver 3, CO	DNVRCOMA03T	4A/1	06/72	06/72		4/80	P,T,S	L	L	L	L
	Denver 4, CO	DNVRCOZJ04T	4A/4	04/74	04/74		11/79	P,C,T	L	L	L	L
	Tucson 2, AZ	TCSNAZMA02T	4A/3T	04/74	04/74	05/78	4Q/83	P,C	L	L	L	L
	Boise 2, ID	BOISIDMA02T	4A/3T	03/75	03/75	07/78	/84	P,C	C	C	C	C
	Greeley 1, CO	GRELCOJCO1T	4A/3T	04/75	04/75		4/82	P,C,RTA	C	C	C	C
	Mesa 1, AZ	MESAAZTLO1T	4A/4T	01/76	01/76		10/80	P,C,RTA	L	L	L	L
PNB	Portland 1, OR	PTLDOR6201T	4A/2	11/55	03/75		4/81	P,C,T	C	C	C	C
	Seattle 1, WA	STTLWA0101T	4A/2	01/59	01/72	07/78	3/82	P,C,T	C	C	C	C
	Spokane, WA	SPKNWA0101T	4A/3	04/62			2/83	C	C	C	C	
	Portland 2, OR	PTLDOR6202T	4A/3	04/74	04/74		4/79	P,T	C	C	C	C
	Seattle 2, WA	STTLWA0602T	4A/3	04/74	04/74	06/77	5/80	P,C,T	C	C	C	C
PAC	Oakland 3 (Franklin)	OKLDCA0341T	4M/2	10/49	02/72		10/81	P,T,S	C	C	C	C
	Sacramento 1	SCRMCA0121T	4A/1	06/53	03/75		2/80	P,S	C	C	L	L
	Los Angeles 2	LSANCA0201T	4A/2	05/54	04/72		6/80	P,S	C	C	C	C
	San Bernardino	SNBRCA0133T	4A/1	10/57	01/74	08/77	/83	P	C	C	L	L
	San Jose 1	SNJSCA0203T	4A/2	06/58	03/73		4/82	P	C	C	C	C
	Los Angeles 3	LSANCA0307T	4A/3	03/62	09/69	01/78	6/84	P,T	C	C	C	C
	Anaheim 1	ANHMCA0128T	4A/2	12/64	04/72		3/81	P,T,S	C	C	C	C
	San Francisco 1	SNFCCA0141T	4A/3	06/69	01/72	09/77	7/80	P,C,T	C	C	C	C
	Redwood City	RDCYCA0242T	4A/3	02/70	02/70	07/77	6/85	P,T	C	C	C	C
	Sherman Oaks 2	SHOKCA0263T	4A/3	04/71	04/71	01/78	6/83	P,T	C	C	C	C
	Fresno 2	FRSNCA0144T	4A/3	06/72	06/72		6/85	P,C	C	C	C	C
	Hayward	HYWRCA0246T	4A/3	03/73	03/73		6/83	P,C	C	C	C	C
	Gardena 1	GRDNCA0221T	4A/3	05/73	05/73	11/77	6/82	P	C	C	C	C
	Reno 3, NV	RENONV0304T	4A/2	05/73	05/73		4/82	P,T	C	C	C	C
	Oakland 5 (Franklin)	OKLDCA0342T	4A/3	06/73	06/73	04/77	9/81	P,C,T	C	C	C	C
	San Francisco 2 (Folsom)	SNFCCA2142T	4A/4	03/74	03/74	03/77	7/80	P,C	C	C	C	C
	Stockton 2	SKTNCA0110T	4A/2	04/74	04/74		6/84	P	C	C	C	C
Anaheim 2	ANHMCA0177T	4A/4	05/74	05/74	02/77	4/81	P,T	C	C	C	C	
Sherman Oaks 3	SHOKCA0373T	4A/4	06/74	06/74	05/77	6/83	P,T	C	C	C	C	

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NO. 4 CROSSBAR OFFICES IN SERVICE – END OF 1978

CO.	LOCATION	CLLI	TYPE/ CLASS ¹	SERVICE DATE			RETIRE- MENT DATE	P = PBC C = CAMA CC = CAMAC T = TSPS S = STP RTA	MACHINE ² RESPONSIBILITY				
				OFFICE	ETS	CCIS			T	E	A	M	
PAC	(Cont'd)												
	Santa Clara	SNTCCA0120T	4A/Lc1	02/75	02/75		6/85	P	C	C	C	C	
	Gardena 2	GRDNCA0231T	4A/4	05/75	05/75	02/77	6/82	P,T	C	C	C	C	
	Santa Rosa 2	SNRSCA0236T	4A/2	05/75	05/75		4/84	P	C	C	C	C	
SNE	New Haven 4	NWHNCT0203T	4A/2	05/68	05/70	04/77	/81	P,T	L	L	L	L	
	Hartford 3	HRFRCT0304T	4A/3	10/73	10/73	04/77	4/83	P,CC,T	L	L	L	L	
	Bridgeport 4	BRPTCT0403T	4A/3	04/75	04/75		-	P,CC,T	L	L	L	L	
CINN	Cincinnati 1	CNCNOHWS04T	4A/2	09/52	04/72		6/79	P,C,T	L	L	L	L	
NON- BELL	Ft. Wayne, IN	FTWYINXA04T	4A/4T	06/69			6/80	C					
	Tampa 2, FL	TAMPFLXA02T	4A/3	08/69	02/74		/81	C,T					
	St. Petersburg, FL	SPBGFLXA02T	4A/4	11/71	11/71		/82						
	Honolulu, HI	HNLLHIMN01T	4A/3	01/72	01/72		3/79	C					
	Everett 1, WA	EVRTWAXA01T	4A/3	04/72	04/72		/84	C					
	Fayetteville, NC	FYVLNCXA02T	4A/3	05/72	05/72			C					
	Clearwater, FL	CLWRFLXA02T	4A/4	11/72	11/72		/82	C					
	Las Vegas 1, NV	LSVGNVXB04T	4A/4	11/72	11/72			C					
	Rocky Mount 2, NC	RCMTNCXA02T	4A/3	04/74	04/74			P					
	Sarasota 3, FL	SRSTFLXF01T	4A/4	10/74	10/74		/84	P					
	Tampa 3, FL	TAMPFLXA03T	4A/4	10/75	10/75		/81	T					
TCTS	Toronto 1, ON	TOROON0101T	4A/2	06/55				C,T					
	Montreal 1, PQ	MTRLPQ0201T	4A/1	05/56	07/72			C,T					
	Winnipeg 1, MB	WNPGB0101T	4A/2	02/65				C,T					
	Halifax 1, NS	HLFXNS0101T	4A/3	04/71				C					
	Vancouver 2, BC	VANCB0104T	4A/2	04/71	04/71			C,T					
	Edmonton 1 AB	EDTNAB0201T	4A/3	03/72	03/72			C,T					
	Toronto 3, ON	TOROON1103T	4A/3	11/72	11/72		/83	C,T					
	Ottawa 2, ON	OTWAON1002T	4A/3	04/73	04/73			C					

CROSSBAR TANDEM IN SERVICE-END OF 1978

CO.	LOCATION ³	CLLI	SERVICE DATE	CLASS 1	C - CAMA CC - CAMAC T - TSPS TSP RTA	RETIREMENT DATE	6-DIGIT TRANS-LATION
NE	Providence 2, RI(*)	PRVDRIWA01T	01/48	Lcl.		/85	
	Boston (Metro), MA	BSTNMAFR03T	06/49	4A	T, TSP	02/82	
	Boston (Newton), MA	NWTNMAWA04T	06/55	4A		/82	X
	Providence 1, RI (*)	PRVDRIWA02T	09/56	4A	CC	/85	X
	Worcester, MA	WRCSMACE01T	11/59	4A	C	/85	X
	Lawrence, MA	LWRNMACO01T	11/60	4A	C	/85	X
	White River Jct., VT	WRJTVTGA01T	11/61	3	CC	05/79	X
	Portland, ME	PTLDMEFO01T	04/62	4A	C	/86	X
	Brockton 1, MA	BRTNMACRO1T	06/63	4A	C	/83	X
	Manchester 1, NH (#)	MNCHNHCO01T	06/63	3	C	04/82	X
	Boston (Dorchester), MA	DRCHMAAD10T	01/64	4A	C	04/82	X
	Fall River, MA	FLRVMANM01T	05/64	3	C	/83	X
	Framingham 1, MA	FRMNMAUN01T	01/65	4A	C, T	/84	X
	Boston (Harrison), MA	BSTNMAHA15T	06/65	4A	C, TSP	02/82	X
	Boston (Malden), MA	MLDNMAEL13T	12/67	4A		06/82	X
	Bangor, ME	BNGRMEPA01T	10/69	4	C, RTA	/83	X
	Lewiston 2, ME	LSTNMEAS02T	06/72	4	C, RTA	/82	X
	Boston 17, MA	BSTNMAFR17T	10/72	3A	C	10/81	X
Manchester 2, NH (#)	MNCHNHCO02T	05/73	3A		04/82	X	
NY	Jamaica	NYCQNYJA01T	08/47	Lcl.		/81	
	York 1 (#)	NYCMNY3001T	11/47	Lcl.		/93	
	Gotham 8 (#)	NYCMNY1304T	06/48	4A		/92	
	Amsterdam 1 (#)	NYCMNY3701T	08/48	Lcl.		/88	
	Brooklyn	NYCKNYAL03T	09/48	4A/TO		/95	
	Buffalo Erie	BFLONYFR01T	10/48	4A		/83	
	Vesey 1 (*)	NYCMNYWS01T	10/49	3A/TO		/95	X
	Mt. Vernon 1 (#)	MTVRNYMV01T	10/49	4		/82	
	White Plains 1	WHPLNYWP01T	03/50	4A		/81	
	Gotham 9 (#)	NYCMNY1305T	06/50	4A		/92	
	Hempstead 1 (*)	HMPSNYHS01T	07/50	4A		10/79	X
	Vesey 2 (*)	NYCMNYWS02T	09/50	4A/TO		/82	X
	York 2 (#)	NYCMNY3002T	10/51	Lcl.		/93	
	Borough 3 (*)	NYCMNY5001T	10/52	3A		/86	
Richmond Hill 1 (*)	NYCQNYRH01T	03/54	4A		/94		

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Chart 6

CROSSBAR TANDEMS IN SERVICE-END OF 1978

CO.	LOCATION ³	CLLI	SERVICE DATE	CLASS 1	C - CAMA CC - CAMAC T - TSPS TSP RTA	RETIREMENT DATE	6-DIGIT TRANS-LATION
NY	Vesey 3 (*)	NYCMNYWS03T	09/54	4A/TO	C	/84	
	Borough 4 (*)	NYCMNY5002T	04/55	3A		/86	
	Richmond Hill 2 (*)	NYCQNYRH02T	07/56	4A		/94	
	Poughkeepsie	PGHKNYSH03T	11/56	3	C	04/80	X
	Hempstead 2 (*)	HMPSNYHS02T	06/57	3		10/79	X
	Mt. Kisco	MTKSNYMK01T	03/58	4	C	/84	X
	Albermarle Rd. 1 (*)	NYCKNYAL01T	02/59	3A	C	/79	X
	Nyack	NYACNYNK01T	05/59	4	C	/84	X
	Binghamton 1 (*)	BNGHNYHY03T	06/59	3/TO	C	4/82	X
	West St. 4 (*)	NYCMNYWS04T	09/59	4A	C	/81	
	Amsterdam 2 (#)	NYCMNY3702T	11/59	4A		/88	X
	Forest Hills 1 (#)	NYCQNYFH01T	11/59	3A	C	/79	X
	Albany 1	ALBYNYSS03T	12/61	4A	C,T	3/82	X
	Bronx 1 (*)	NYCXNYGC01T	12/61	3A	C	/81	X
	Buffalo Frontier	BFLONYFR02T	09/62	4A		/83	
	Midtown 1 (#)	NYCMNY3703T	09/62	4A		/92	X
	Tremont 1 (*)	NYCXNYGC03T	07/63	4A		/95	X
	Bushwick 1 (#)	NYCKNYBU01T	09/63	4A		/94	X
	Utica	UTICNYUT01T	10/63	4	C,RTA	11/80	X
	West St. 5 (*)	NYCMNYWS05T	10/63	3A	C,TSP	/81	X
	Tenth Ave. 1 (#)	NYCMNY5401T	12/63	4A		/96	X
	Forest Hills 2 (#)	NYCQNYFH02T	03/64	3A	C,TSP	/79	X
	Hempstead 3 (*)	HMPSNYHS03T	08/64	3A	C,TSP	/82	X
	Kings 1 (*)	NYCKNYBR01T	08/64	4A		/94	X
	Midtown 2 (#)	NYCMNY3704T	09/64	4A		/92	X
	Monticello 1	MNTINYMT01T	03/65	4	C,TSP	/91	X
	Queens 1 (#)	NYCQNYNJ01T	08/65	4A		/93	X
	Tenth Ave. 2 (#)	NYCMNY5402T	08/65	3A	C,TSP	/82	X
	Deer Park 1	DRPKNYDP01T	11/65	4A		/95	X
	Hempstead 4 (*)	HMPSNYHS04T	08/66	3A		/82	X
	Albermarle Rd. 2 (*)	NYCKNYAL02T	11/66	3A	C,TSP	/80	X
	Staten Island	NYCRNYNS01T	01/67	4A		/93	X
Bushwick 2 (#)	NYCKNYBU02T	03/67	4A		/94	X	
Tenth Ave. 3 (#)	NYCMNY5403T	10/67	3A	C,TSP	/82	X	

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CROSSBAR TANDEM IN SERVICE-END OF 1978

CO.	LOCATION ³	CLLI	SERVICE DATE	CLASS ¹	C - CAMA CC - CAMAC T - TSPS TSP RTA	RETIREMENT DATE	8-DIGIT TRANS-LATION
NY	Lexington	NYCMNY5602T	06/68	4A		/88	X
	Kings 2 (*)	NYCKNYBR02T	11/68	4A		/94	X
	Mt. Vernon 2 (#)	MTVRNYMV02T	12/68	4A		/82	X
	Chelsea 1 (*)	NYCMNY1801T	08/69	4A		/92	X
	Chelsea 2 (*)	NYCMNY1802T	08/69	4A		/92	X
	Deer Park 2	DRPKNYDP02T	07/71	4A		/95	
	E. 97th St. 4 DID	NYCMNY9702T	07/71	4A		/86	X
	Bronx 2 (*)	NYCXNYGC02T	12/71	3A	C, TSP	/81	X
	Queens 2 (#)	NYCQNYNJ02T	12/71	4A		/93	X
	Tremont 2 (*)	NYCXNYGC04T	12/71	4A		/95	X
	Binghamton 2 (*)	BNGHNYHY04T	10/72	3A/TO	C	4/82	X
	West St. 6 (*)	NYCMNYWS06T	10/72	4A	C, T	/84	X
	East 97th St. 5	NYCMNY9725T	09/74	Lcl.		/86	
	NJ	Newark (Jersey 1) (*)	NWRKNJ0203T	10/47	4A		/83
Paterson		PTSNNJAR01T	07/50	4A	C	6/83	X
Newark (Jersey 2) (*)		NWRKNJ0204T	11/52	4A	C	/83	
Camden		CMDNNJCM01T	03/53	4A	C, TSP	10/80	X
Hackensack		HCKNNJHK01T	06/53	4A		6/83	X
Jersey City (Bergen)		JRCYNJBR01T	01/55	4A/TO	C	/84	
Morristown		MRTWNJMR01T	01/55	4	C, T	/84	X
Trenton		TRENNJTN01T	03/57	4	C	/85	X
New Brunswick 1		NBWKJNB01T	06/57	4A	C	/83	X
Newark (Essex 1) (#)		IVTNNJES01T	11/57	3A		/82	
Newark (Essex 2) (#)		IVTNNJES02T	03/61	3A/TO	C	6/80	X
Atlantic City		ATCYNJAC01T	04/61	3	C	/85	X
Asbury Park		ASPKNJAP01T	02/66	4A		/82	X
PA		Philadelphia (East A) (#)	PHLAPAMK21T	03/53	4A	C, T	10/80
	Pittsburgh (Tandem A) (#)	PITBPADT21T	04/55	Lcl.		/81	
	Philadelphia (North A) (*)	PHLAPADA21T	08/55	4A	C	11/81	
	Pittsburgh (Tandem B) (#)	PITBPADT22T	08/57	4A	C	/81	X
	Altoona	ALNAPAAL21T	11/57	3	C, T	04/82	X
	Tullytown	TULYPATU21T	03/59	4	C	/82	X
	Reading	RDNGPARE21T	11/59	4/TO	C	/81	X

CROSSBAR TANDEM IN SERVICE-END OF 1978

CO.	LOCATION ³	CLLI	SERVICE DATE	CLASS ¹	C - CAMA CC - CAMAC T - TSPS TSP RTA	RETIREMENT DATE	6-DIGIT TRANSLATION
PA	Philadelphia (East B) (#)	PHLAPAMK22T	06/60	4A	C	11/81	X
	Williamsport	WLPTPAWI21T	05/61	3/TO	C	--	X
	Allentown	ALTWPAAL21T	10/61	4/TO	C	/81	X
	Lancaster	LNCSPALA21T	05/62	4	C	--	X
	Wilkes-Barre	WLBPAWB21T	11/62	4/TO	C	--	X
	Philadelphia (North B) (*)	PHLAPADA22T	10/64	4A	C, TSP	7/80	X
C&P	Baltimore 3 MD	BLTMMDDT03T	10/48	4A	C	/85	X
	Washington 2, DC (Uptown)	WASHDCUT02T	01/49	4A	C	/85	X
	Arlington, VA (Local)	ARTNVAAR01T	09/51	Lcl.		/85	X
	Hyattsville, MD	HYVLMDDHY10T	10/51	Lcl.		/85	
	Silver Spring, MD (Local)	SLSPMDSS10T	09/61	Lcl.		/85	X
	Norfolk 1, VA	NRFLVABS01T	08/62	4	C	/81	X
	Baltimore 6, MD	CTVLMDDCT06T	01/63	Lcl.		/85	
	Silver Spring, MD (Toll)	SLSPMDSS01T	05/64	4/TO	C	/85	X
	Clarksburg, WV	CLBGWVMA23T	10/64	3	C, RTA	04/81	X
	Washington, DC (Dupont)	WASHDCDP10T	11/64	Lcl.		/85	
	Arlington 1, VA (Toll)	ARTNVAAR02T	03/66	4A/TO		/85	X
	Washington, DC (Mt. Pleasant)	WASHDCUT10T	10/66	Lcl.		/85	
	Baltimore 7, MD	BLTMMDWL07T	12/67	Lcl.		/85	X
	Washington, DC (Southwest)	WASHDCSW01T	/68	4A/TO		/85	
SO	Miami 3, FL	MIAMFLLR34T	09/59	Lcl.		9/80	X
	Atlanta 2, GA	ATLNGATL53T	10/60	4A	C	6/81	X
	Ft. Lauderdale, FL	FTLDFLMA01T	12/64	4	C, T	12/79	X
	Charleston, SC	CHTNSCDT02T	04/66	4	C, T	1/80	X
	Asheville 1, NC	AHVLNCOH01T	06/66	3	C	5/80	X
	West Palm Beach, FL	WPBHFLAN01T	11/66	4A	C	9/80	X
	Miami-Biscayne, FL	MIAMFLBC31T	07/72	Lcl.		9/80	

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CROSSBAR TANDEM IN SERVICE-END OF 1978

CO.	LOCATION ³	CLLI	SERVICE DATE	CLASS ¹	C - CAMA CC - CAMAC T - TSPS TSP RTA	RETIREMENT DATE	6-DIGIT TRANS-LATION
SOCN	Chattanooga, TN	CHTGTNMA61T	09/57	3	CC,T	12/79	X
	Paducah, KY	PDCHKYMA02T	05/60	3	CC	05/79	X
	New Orleans 2, LA	NWORLABM01T	12/62	4A/TO	CC	06/80	X
	Mobile, AL	MOBLALMT66T	05/65	3	C	06/79	X
OHIO	Cleveland (Henderson 1) (#)	CLEVOH4301T	04/48	Lc1.		-	
	Cleveland (Garfield)	CLEVOH4201T	02/55	3A	C	06/81	X
	Youngstown 1	YNTWOHO201T	08/56	4	C	/88	X
	Akron 1	AKRNOH2501T	11/57	4	C	05/83	X
	Columbus 1	CLMBOH1101T	07/58	4A	C	/83	
	Cleveland (Clearwater 1) (*)	CLEVOH2501T	01/59	3A	C	06/81	X
	Canton	CNTNOHO101T	06/60	3	C	09/83	X
	Cleveland (Henderson 2) (#)	CLEVOH4302T	09/66	Lc1.		-	
Cleveland (Clearwater 2) (*)	CLEVOH2502T	07/69	Lc1.		-		
MICH	Detroit (Trinity)	DTRTMIMD01T	10/41	Lc1.		05/82	
	Detroit (Woodward) (*)	DTRTMIBA21T	12/53	4A	C	05/82	X
	Grand Rapids 2	GDRPMIBL01T	04/57	4	C	/85	X
	Flint	FLNTMIMN01T	06/57	4	C	04/83	X
	Pontiac	PNTCMIMN01T	04/58	4A	C	04/83	X
	Detroit (Cadillac) (*)	DTRTMIBA11T	07/58	4A	C	05/82	X
	Detroit (University)	DTRTMIUVO1T	06/59	4A		05/82	X
	Saginaw 1	SGNWMIMN01T	06/61	4	C	/91	X
	Lansing 1	LNNGMIMN01T	08/64	4	C	/89	X
	Kalamazoo 1	KLMZMIMN01T	11/65	4	C	/95	X
	Jackson	JCSNMIMN01T	07/67	3	C	/92	X
	Traverse City	TRCYMIMN01T	06/73	4	C	/90	X
IND	South Bend 2	SBNDIN0101T	08/56	3A	C,T	/85	X
	Evansville	EVVLIN0101T	10/58	3	C,RTA	/85	X
	Indianapolis	IPLSIN0101T	10/70	Lc1.	C	/80	X

CROSSBAR TANDEM IN SERVICE-END OF 1978

CO.	LOCATION ³	CLLI	SERVICE DATE	CLASS 1	C - CAMA CC - CAMAC T - TSPS TSP RTA	RETIREMENT DATE	6-DIGIT TRANS-LATION
WISC	Milwaukee 2	MILWWI4801T	11/48	4/TO	CC	10/81	X
	Appleton 1	APPLWI0101T	05/62	3	CC, RTA	-	X
	Madison 1	MDSNWIO101T	05/63	4/TO	CC	-	X
	Racine	RACNWIO101T	05/65	4/TO	CC	5/79	X
	Milwaukee (Fairway Dr.)	MILWWI4510T	11/65	Lcl.		3/82	
ILL	Chicago (Wabash 1) (#)	CHCGILWB01T	09/46	Lcl.		/82	
	Chicago (Stewart 1) (*)	CHCGILST01T	11/52	4A		/84	
	Chicago (Belle Plaine 1) (#)	CHCGILBP01T	08/54	4A		/81	
	Chicago (Franklin 1) (*)	CHGCILFR01T	07/55	Lcl.		/83	
	Chicago (Kedzie 1) (#)	CHCGILKE01T	10/58	Lcl.		/90	
	Chicago (Franklin 2) (*)	CHCGILFR02T	05/59	Lcl.		/87	
	Champaign 2	CHMPILCP01T	06/59	4A	C	/84	X
	Chicago (Wabash 2) (#)	CHCGILWB02T	05/61	4A		/80	
	Centralia	CENLILCE01T	07/61	3	C	10/80	X
	Peoria 1	PEORILPJ01T	09/61	4A	C	-	X
	Chicago (Belle Plaine 2) (#)	CHCGILBP02T	12/61	Lcl.		/81	
	Chicago (Congress WATS)	CHCGILCG01T	09/62	5			
	Rockford	RCFRILRT01T	12/62	3A	C	2/79	X
	Chicago (Stewart 2) (*)	CHCGILST02T	10/66	4A		/85	X
	Decatur	DCTRILDC01T	12/68	4	C	-	X
	Chicago (Kedzie 2) (#)	CHCGILKE02T	07/69	Lcl.		/89	
	Chicago 5	CHCGILHK01T	07/69	4A	C	/79	
Alton	ALTNILAL01T	12/72	4	C	/91	X	
Rock Island 2	RCISILRI01T	10/73	4	C	01/82	X	
NW	Sioux City, IA	SXCYIADT03T	06/60	3	CC, TSP	09/82	X
	Waterloo, IA	WTRLIADT03T	06/61	4	CC, RTA	06/81	X
	Cedar Rapids, IA	CDRRIADT03T	12/66	4	CC	08/79	X
	Omaha, NE	OMAHNENW13T	02/69	Lcl		/82	
	Rapid City, SD	RPCYSDCOO3T	03/70	4	C, RTA	/85	X
	Bismarck 1, ND	BSMRNDBC04T	04/70	3	CC	07/82	X
	Grand Island, NE	GDISNENW03T	05/70	3	C	10/79	X
	Grand Forks, ND	GDFRNDBC04T	10/73	3	C	/86	X

Chart 6

CROSSBAR TANDEM IN SERVICE-END OF 1978

CO.	LOCATION ³	CLLI	SERVICE DATE	CLASS 1	C - CAMA CC - CAMAC T - TSPS TSP RTA	RETIREMENT DATE	6-DIGIT TRANSLATION
SW	St. Louis, MO (Jefferson 1) (#)	STLSMO0511T	08/49	Lcl.		/82	
	Kansas City, MO	KSCYM0L301T	09/49	Lcl.			
	Amarillo 1, TX	AMRLTXDRO1T	08/55	2	C	12/83	X
	Salina, KS	SALNKSTAO1T	09/56	3	C	11/79	X
	Sweetwater, TX	SWTWTXSWO1T	03/57	2/TO		12/83	X
	St. Louis, MO (Jefferson 2) (#)	STLSMO0521T	04/61	4A/TO	C	/80	X
	Joplin, MO	JPLNMOMA01T	06/62	3	C,RTA	/82	X
	Springfield, MO	SPFDMOTLO1T	12/64	4	C,T	03/82	X
	Beaumont 1, TX	BUMTTXTEO1T	05/66	3	C,TSP	04/80	X
	Ft. Smith, AR	FTSMARSUO1T	11/66	4	C	03/79	X
	Waco, TX	WACOTXO1O1T	12/67	3	C,RTA	12/81	X
	Sikeston, MO	SKSTMOGRO1T	11/68	3	C,RTA	07/83	X
	Abilene, TX	ABLNTXORO1T	04/69	3	C,RTA	03/83	X
	St. Joseph, MO	STJSMODNO1T	06/70	4	C,RTA	/90	X
	MTN	El Paso 1, TX	ELPSTXMAO1T	09/62	4	C,RTA	/82
Grand Junction, CO		GDJTCOMAO1T	03/68	3/TO		7/80	X
Twin Falls, ID		TWFLIDMAO1T	08/74	4/TO	C	/83	X
PNB	Seattle, WA (Mutual)	STTLWAO1O3T	04/48	3A		/85	
	Seattle, WA (East)	STTLWAO350T	09/54	Lcl.		/85	
	Yakima, WA	YAKMWA0201T	08/58	3	C	/85	X
	Seattle, WA (Emerson)	STTLWAO451T	10/58	Lcl.		/85	
	Tacoma, WA	TACMWA0201T	05/64	3	C	/84	X
Eugene, OR	EUGNOR5301T	06/65	3	C	/85	X	

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Chart 6

CROSSBAR TANDEM IN SERVICE-END OF 1978

CO.	LOCATION ³	CLLI	SERVICE DATE	CLASS ¹	C - CAMA CC - CAMAC T - TSPS TSP RTA	RETIREMENT DATE	6-DIGIT TRANS-LATION	
PAC	San Francisco (Bush 0) (*)	SNFCCA0300T	12/41	Lcl.		7/80	X	
	Oakland 1	OKLDCA0101T	01/42	Lcl.		9/81		
	Los Angeles 5T	LSANCA0105T	01/48	Lcl.		6/81		
	Los Angeles, 17T (*)	LSANCA0517T	06/49	Lcl.		6/82		
	San Francisco (Bush 1) (*)	SNFCCA0301T	06/49	Lcl.		7/80	X	
	Hollywood 3T (#)	HLWDCA0103T	01/50	Lcl.		6/83		
	San Jose 2	SNJSCA0212T	03/52	3A	C	6/82	X	
	Oakland 4 (Franklin 0) (#)	OKLDCA0300T	07/54	4A	C	9/81	X	
	Los Angeles, 6T	LSANCA0206T	08/55	Lcl.		6/81		
	San Francisco (Onon 0) (#)	SNFCCA0600T	01/56	Lcl.		7/80	X	
	San Francisco 6 (Onon1) (#)	SNFCCA0601T	01/56	4A	C, TSP	7/80	X	
	Fresno 1	FRSNCA0126T	10/56	4A	C	6/85	X	
	Anaheim	ANHMCA0134T	06/57	3A	C, T	3/81	X	
	Santa Rosa	SNRSCA0129T	06/57	3A	C	4/84	X	
	Stockton 1	SKTNCA0128T	08/57	3A	C	6/84	X	
	Alhambra	ALHBCA0108T	09/57	Lcl.		6/83		
	Bakersfield	BKFDCA0130T	04/58	3	C	5/81	X	
	Compton	CMTNCA0122T	12/58	Lcl.		6/82		
	Sherman Oaks	SHOKCA0120T	12/58	Lcl.		6/83		
	Eureka	EURKCA0131T	01/59	3	C	6/85	X	
	Reno 2, NV	RENONVO200T	01/60	3	C	4/82	X	
	El Monte							
	(CL 4A Sector Tandem 1980-0180T)	ELMNCA0116T		02/60	3		6/79	X
	Palo Alto	PLALCA0216T		07/60	4A	C	6/85	X
	Oakland 1 (Franklin 1) (*)	OKLDCA0301T		05/62	4A	C	9/81	X
	Modesto	MDSTCA0233T		06/62	3	C	5/81	X
	San Rafael	SNRFCA0100T		09/62	4	C	6/84	X
	Oceanside	OCSDCA0127T		05/63	4	C	6/84	X
	Salinas	SLNSCA0111T		04/64	3	CC	4/81	X
	Concord	CNCRCA0100T		05/67	4	C	6/83	X
	Los Angeles 18T (*)	LSANCA0518T		05/67	Lcl.		6/82	
	Hollywood 4T (#)	HLWDCA0104T		10/68	Lcl.		6/83	
	Redding	RDNGCA0203T		01/72	3	C	4/83	X
Chico	CHICCA0105T		12/72	3	C	4/83	X	

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CROSSBAR TANDEMS IN SERVICE-END OF 1978

CO.	LOCATION ³	CLLI	SERVICE DATE	CLASS ¹	C - CAMA CC - CAMAC T - TSPS TSP RTA	RETIREMENT DATE	6-DIGIT TRANS-LATION
SNE	Hartford 1	HRFRCTO201T	06/56	4A	CC	12/82	X
	Stamford	SMFRCTO101T	09/56	4	CC	05/80	X
	New Haven 2	NWHNCTO201T	04/57	4A	CC	02/83	X
	Waterbury	WTRBCTOOO2T	11/57	4	CC	12/85	X
	Meriden	MRDNCTOOO2T	10/58	4	CC	12/82	X
	Bridgeport 2	BRPTCTO202T	03/59	4A	CC, T	03/81	X
	New London	NWLNCTO201T	05/62	4A	CC	12/85	X
	Hartford 2	HRFRCTO202T	08/65	4A	CC, T	12/82	X
	Norwalk	NRWLCTO201T	12/70	4	CC, T	02/81	X
CINN	Cincinnati (St. Bernard)	CNCNOHWSO1T	10/49	4A	C, S	06/79	X
		STBROHSBO1T	05/63	Lcl.		12/84	X
NON-BELL	Rochester 1, NY	ROCHNYXA01T	11/58	4	C	04/82	X
	Rochester 2, NY	ROCHNYXA02T	04/69	4A	C	04/82	X
	Middletown, NY (XPT)	MDTWNXYA02T	/74	4	C		
	Woodbridge, VA (XPT)	WDBGVAXA01T	05/75	4			
	Plymouth, WI (XPT)	PLMOWIXA71T		4/TO			
	Bloomington, IL (XPT)	BLTNILXD01T		4/TO			
	De Kalb, IL	DKLBILXA01T		4			
	Killeen, TX	KLLNTXXA01T		4	C, T	12/79	
TCTS	Regina 1, SK	REGNSKO101T	11/55	2	C	/82	X
	Toronto 2, ON	TOROONO202T	08/58	4	C	/83	X
	Calgary 1, AB	CLGRABO101T	04/59	4	C	/81	X
	Montreal 2, PQ	MTRLPQO102T	03/60	4	C	/83	X
	London 1, ON	LONDON4801T	08/60	4	C		X
	Hamilton 1, ON	HMTNON1401T	02/61	4	C		X
	Saint John 1, NB	STJHNBSU01T	05/62	2	C		X
	Windsor, ON	WNSON1201T	05/62	4	C		X
	Ottawa 1, ON	OTWAON2301T	05/63	4	C		X
	Quebec 1, PQ	QUBCPQ1401T	09/63	4	C		X
	Barrie, ON	BARION1801T	05/64	4	C		X
	Kitchener 1, ON	KTNRONO601T	09/64	3	C		X
	Sudbury, ON	SDBRON9701T	12/64	3	C		X
	Sherbrooke, PQ	SHBKPQ4001T	03/66	3	C		X
	Prince George, BC (XPT)	PGRGBCO102T	05/73	3	C		X

Chart 6

BELL SYSTEM NO. 5 CROSSBAR CLASS 3 & CLASS 4 OFFICES IN SERVICE - END OF 1978

CO.	LOCATION	CLLI	CLASS ¹	C = CAMA RTA	RETIRE- MENT DATE	CO.	LOCATION	CLLI	CLASS ¹	C = CAMA RTA	RETIRE- MENT DATE	
NE	Ayer, MA	AYERMAPLO1T	4	C	/84	NJ	Burlington	BURLNJBU01T	4		10/79	
	Gardner, MA	GRNRMAWE01T	4	C	/82		Freehold	FRHDNJFH01T	4A	C	12/79	
	Hyannis, MA	HYNSMAOC01T	4A	C	/83		Mt. Holly	MTHLNJMH01T	4	C	/85	
	Milford, MA	MLFRMAWA01T	4		/84		Penns Grove	PGRVNJPG01T	4A	C	10/80	
	Northampton, MA	NATNMAMA01T	4		CL5 /82	PA	Washington	WASHNJWA01T	4	C	-	
	Pittsfield 1, MA	PTFDMAFE02T	4	C	CL5 /82		Bloomsburg	BMBGPABL51T	4	C, RTA	/85	
	Plymouth, MA	PLMOMAC001T	4		/83		Clarion	CLARPACL51T	4	C	/80	
	Salem, MA	SALMMAN001T	4	C	/84		Connellsville	CNVLPAC051T	4		/84	
	Walpole, MA	WLPLMASS01T	4A	C	/84		Du Bois	DUBSPADU51T	4	C	11/79	
	Wareham, MA	WAHMAHIO1T	4		/83		Lansdale	LNDLPALD51T	4	C	/82	
	Dover, NH	DOVRNHTHO1T	4	C	CL5 /87		Pottstown	PTTWPAPT51T	4	C	11/79	
	Keene, NH	KEENNHWA01T	4	C	/83		Pottsville	PTTVPAP051T	4	C	/83	
	Laconia, NH	LACNNHNM01T	4	C	/87		Rochester	ROCHPARC51T	4	C	/82	
	Portsmouth, NH	PTMONHIS01T	4		/82		Sharon	SHRNPASH51T	4	C	5/80	
	Newport, RI	NWPTRIBU01T	4		/85		Stroudsburg	SRBGPAST51T	4	C	/90	
	Woonsocket, RI	WNSCRICLO1T	4		/85		Warren	WRRNPAWA51T	3	C	/84	
	NY	Batavia	BATVNYBT01T	4	C		/83	C&P	Warrington	WGTPAWR51T	4	C
Catskill		CTSKNYCT01T	4	C	03/82		Washington		WASHPAWA51T	4		/81
Dunkirk		DNKRNYDK01T	4	C	/85		West Chester		WCHSPAWC51T	3	C	12/80
Geneva		GENVNYGN01T	4	C	/83		Dover, DE		DOVRDEDV51T	4	C	/82
Herkimer		HRKMNYHC01T	4	C	/84		Annapolis, MD		ANNPMDAN01T	4	C	/81
Hornell		HRNLNYHL01T	4	C	/88	Bel Air, MD	BLARMDBLO1T		4	C	/83	
Ithaca		ITHCNYIH01T	4	C	/84	Chestertown, MD	CHRTMDCHO1T		4	C	/82	
Kingston		KGTNNYKG01T	4	C	/80	Cumberland, MD	CMLDMDCM01T		4	C	/89	
Malone		MALNNYMM01T	4		/84	Easton, MD	ESTNMDES01T		4	C	/89	
Newark		NWRKNYNK01T	4	C	/85	Frederick, MD	FRDRMDFR01T		4	C	/88	
Newburgh		NWBRNYNW01T	4	C	/80	Hagerstown, MD	HGTWMDHGO1T	4	C	/87		
Ogdensburg		OGBGNYOG01T	4		/90	Havre de Grace, MD	HDGRMDHVO1T	4	C	/90		
Olean		OLENNYHA01T	4A	C	05/80	La Plata, MD	LPLTMDLA01T	4	C	/99		
Oneida		ONEDNYOD01T	4	C	/84	Westminster, MD	WMNSMDWM01T	4	C	/90		
Oneonta		ONNTNYOA01T	4	C	/85	Culpeper, VA	CLPPVACU01T	4	C	/03		
Oswego		OSWGNYSO1T	4	C	/84	Danville, VA	DAVLVADA01T	4	C, RTA	/90		
Plattsburgh		PLBGNYPB03T	3	C	/85	Leesburg, VA	LSBGVALBO1T	4	C	/01		
Potsdam		PTSDNYPS01T	4	C	03/84	Norton, VA	NRTNVAN001T	4	C, RTA	/85		
Riverhead		RVHDNYRV01T	4A		/95	Onancock, VA	ONNCVAON01T	4	C	/05		
Rome		ROMENYRM01T	4	C	/91	Winchester, VA	WNCHVAWC01T	4	C	/96		
Saranac Lake		SRLKNYQL01T	4	C	/96	Fairmont, WV	FAMTWVMN25T	4	C	05/81		
Southampton	SATNNYSNO1T	4A		/95	Lewisburg, WV	LWBGVVMW25T	4	C	06/95			
Watertown	WTTWNYUN01T	4	C	11/81								

Chart 7

BELL SYSTEM NO. 5 CROSSBAR CLASS 3 & CLASS 4 OFFICES IN SERVICE -- END OF 1978

CO.	LOCATION	CLLI	CLASS ¹	C = CAMA RTA	RETIRE- MENT DATE	CO.	LOCATION	CLLI	CLASS ¹	C = CAMA RTA	RETIRE- MENT DATE	
C&P	Logan, WV	LOGNWVHC25T	4	C	06/91	SOCN	Middlesboro, KY	MDBOKYMA05T	4	C	/93	
	Weirton, WV	WRTNWVDW25T	4	C	05/81		Owensboro, KY	OWBOKYMA05T	4	C	10/79	
	Wheeling, WV	WLNGWVCP25T	3	C	05/81		Paintsville, KY	PNVLKYMA05T	3	C	09/79	
	Williamson, WV	WMSNWVLG25T	4		10/85		Shelbyville, KY	SHVLKYMA05T	4	C	/97	
SO	Chipley, FL	CHPLFLMA01T	4	C, RTA	-	Winchester, KY	WNCHKYMA05T	3	C	05/80		
	Cocoa, FL	COCOFLMA01T	4		8/81	Covington, LA	CVTNLAMA01T	4	C	CL5 /81		
	De Land, FL	DELDFLMA01T	4	C, RTA	5/80	Hammond, LA	HMNDLAMA01T	4	C	CL5 /81		
	Fort Pierce, FL	FTPRFLMA01T	4	C	9/80	Houma, LA	HOUMLAMA01T	4		CL5 /80		
	Melbourne, FL	MLBRFLMA01T	4	C	8/81	Monroe, LA	MONRLAMA01T	4	C	3/80		
	Sanford, FL	SNFRFLMA01T	4	C	8/81	Ruston, LA	RSTNLAMA01T	4	C	CL5 /80		
	Titusville, FL	TTVFLMA01T	4		8/81	Biloxi, MS	BILXMSMA05T	4	C	CL5 /82		
	Bainbridge, GA	BNBRGAMA01T	4	C	CL5 /79	Columbus, MS	CLMBMSMA05T	4	C, RTA	/87		
	Brunswick, GA	BRWKGAMA01T	4		/90	Greenwood, MS	GNWDMMSMA05T	3	C	/85		
	Cartersville, GA	CRVLGAMA01T	4	C	/82	Grenada, MS	GRNDMSMA05T	4	C	/92		
	Cordele, GA	CORDGAMA01T	4		CL5 /79	Gulfport, MS	GLPTMSTS05T	4	C	3/80		
	Dublin, GA	DBLNGAMA01T	4	C	/05	Hattiesburg, MS	HTBGMSMA05T	4	C, RTA	2/83		
	Griffin, GA	GRFNGAMA01T	4	C	CL5 /79	Laurel, MS	LARLMSMA05T	4	C	/87		
	Millen, GA	MLLNGAMA01T	4	C	/06	McComb, MS	MCCMMSMA05T	4	C	/95		
	Newnan, GA	NWNNGAMA01T	4		CL5 /80	Meridian, MS	MRDNMSTL05T	4	C	12/79		
	Thomasville, GA	THVLGAMA01T	3	C	CL5 /79	Tupelo, MS	TUPLMSMA05T	3	C	9/83		
	Valdosta, GA	VLDSGAMA01T	4	C	12/80	Athens, TN	ATHNTNMA51T	4		CL5 /81		
	Waycross, GA	WYCRGAMA01T	3	C	4/83	Columbia, TN	CLMATNMA51T	4	C	CL5 /81		
	Goldsboro, NC	GLBONCMA01T	4		CL5 /83	Dyersburg, TN	DYBGTNMA51T	4	C	CL5 /81		
	Laurinburg, NC	LRBGNCMA01T	3	C	10/85	Harriman, TN	HIMNTNMA51T	4	C	CL5 /81		
	Morgantown, NC	MGTNNCGR01T	4		/85	Humboldt, TN	HMBL TNMA51T	4	C, RTA	CL5 /82		
	Salisbury, NC	SLBRNCMA01T	4		/85	Jackson, TN	JCSNTNMA51T	4	C	/81		
	Orangeburg, SC	ORBGSCMA01T	4	C	7/82	Lebanon, TN	LBNNTNMA51T	4		CL5 /81		
	SOCN	Gadsden, AL	GDSDALMT61T	4	C	/83	OHIO	Morristown, TN	MRTWTNMA51T	4	C	CL5 /81
		Huntsville, AL	HNVIALMT61T	4	C	4/81		Shelbyville, TN	SHVLTNMA51T	4	C, RTA	CL5 /83
		Jasper, AL	JSPRALMT61T	4	C	/83		Coshocton	CSTNOH6250T	4	C	/90
		Selma, AL	SELMALMT61T	4	C	10/82		Findlay	FNDYOH4250T	4	C	/83
Sheffield, AL		SHFDALMT61T	4	C	/91	Gallipolis		GLPLOH4450T	4	C	/98	
Tuscaloosa, AL		TSCLALMT61T	4	C	/87	Ironton		IRTNOH5350T	4	C	/99	
Bowling Green, KY		BWLGKYMA05T	4	C	04/81	Lancaster		LNC SOH6550T	4	C	/91	
Danville, KY		DAVLKYMA05T	3	C	/00	Marietta		MRTTOH3750T	4	C	/84	
Henderson, KY		HNSNKYMA05T	4	C	/00	Piqua		PIQUOH7750T	4		/99	
Madisonville, KY		MDVIKYMA05T	3	C, RTA	11/80	Sandusky		SNDSOH6250T	4	C	/14	
Mayfield, KY		MYFDKYMA05T	4		CL5 /80	Tiffin		TFFNOH4450T	4	C	/92	
						Washington Court House		WACHOH3350T	4	C	/00	

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Chart 7

BELL SYSTEM NO. 5 CROSSBAR CLASS 3 & CLASS 4 OFFICES IN SERVICE - END OF 1978

CO.	LOCATION	CLLI	CLASS ¹	C = CAMA RTA	RETIRE- MENT DATE	CO.	LOCATION	CLLI	CLASS ¹	C = CAMA RTA	RETIRE- MENT DATE
MICH	Escanaba	ESCNMIMN09T	3	C	/83	NW	Mason City, IA	MSCYIATC05T	3	C	4/81
	Iron Mountain	IRMTMIMN09T	4	C	/82		Oelwein, IA	OLWNIATC05T	4	C	/89
	Marquette	MRQTMIMN19T	4	C	/82		Spencer, IA	SPNCIATC05T	4	C	/86
	Monroe	MONRMIMN09T	4		/81		Storm Lake, IA	STLKIATC05T	4		/88
	Petoskey	PTSKMIMN19T	4	C	/92		Webster City, IA	WBCYIATC05T	4	C	/87
IND	Auburn	AUBNIN0105T	4	C	/94	Anoka, MN	ANOKMNAN05T	4		/89	
	Crawfordsville	CFVLIN0105T	4	C	/93	Bemidji, MN	BMDJMNBE05T	4	C	/89	
	Crown Point	CRPNINCX07T	4	C	/93	Crookston, MN	CKTNMNCRO5T	4	C	/89	
	Huntington	HNTNIN0105T	4	C	/91	Owatonna, MN	OWTNMNOW05T	3	C	/84	
	Kokomo	KOKMIN0105T	4	C	/85	Shakopee, MN	SHKPMNSH05T	4	C	/87	
	New Castle	NWCSIN0105T	4	C	/94	Thief River Falls MN	TRFLMNTH05T	4	C	/88	
	Vincennes	VINCIN0105T	4	C	/90	Virginia, MN	VRGNMNV105T	3	C, RTA	/84	
WISC	Berlin	BRLNWI0151T	4		/83	Wadena, MN	WADNMNWA05T	3	C	/85	
	Fond du Lac	FDULWI0151T	4	C	-	Willmar, MN	WLMRMNWI05T	3	C	/85	
	Oshkosh	OSHKWI0151T	4	C	/83	Windom, MN	WNDMMNWI05T	3	C	/85	
	Stevens Point	STPTWI0151T	3	C	-	Winona, MN	WINOMNWI05T	4	C	/86	
	Watertown	WTTWWI0151T	3	C	11/81	Grafton, ND	GFTNNDBC05T	4		/00	
						Jamestown, ND	JMTWNDBC05T	4		/00	
ILL	Beardstown	BDTWILBD07T	4	C	-	Fremont, NE	FRMTNENW05T	4	C	/91	
	Cairo	CAIRILCF07T	4	C	-	McCook, NE	MCCCKNENW05T	4		/80	
	Canton	CNTNILCN07T	4	C	-	Norfolk, NE	NRFLNENW05T	4	C	5/81	
	Danville	DAVLILDA07T	4	C	12/79	North Platte, NE	NPLTNENW05T	4	C	/81	
	Edwardsville	EWVLILER07T	4	C	-	Sidney, NE	SDNYNENW05T	3	C	/99	
	LaSalle	LSLLILLS07T	4	C	/91	Aberdeen, SD	ABRDSDC005T	4	C	6/81	
	Morris	MRRSILMS07T	4	C	/83	Deadwood, SD	DDWSDC005T	4		5/79	
	Mount Vernon	MTVRILMV07T	4	C	/97	Watertown, SD	WTTWSDC005T	4	C	/96	
	Quincy	QNCYILQY07T	4	C	8/81	Winner, SD	WNNRSDC005T	4		/82	
	Sterling	STNGILSI07T	4	C	/86	SW	Blytheville, AR	BYVLARPO05T	4	C	CL5 /79
Vandalia	VANDILVA07T	4	C	/88	Forrest City, AR		FRCYARMA05T	4	C	CL5 /79	
Woodstock	WDSTILWS07T	4	C	/94	McGehee, AR		MCGHARMA05T	4		CL5 /79	
					West Memphis, AR		WMPARMA05T	4	C	CL5 /80	
					Abilene, KS		ABLNKSCD05T	4	C	/90	
					Atchison, KS		ATSNKSSF05T	4		CL5 /79	
					Chanute, KS		CHNTKSSS05T	4	C	/90	
					Concordia, KS		CNCRKSBRO5T	4	C	/90	
					Dodge City, KS		DDCYKSO105T	4		12/85	
					El Dorado, KS		ELDOKSST05T	4	C	/90	
NW	Ames, IA	AMESIATC05T	4	C	/86	Emporia, KS	EMPRKS0805T	4	C	/90	
	Atlantic, IA	ATLTIATC05T	4	C	/89	Independence, KS	INDPKSMA05T	4	C	/90	
	Carroll, IA	CRRLIATC05T	4	C	/89						
	Charles City, IA	CHCYIATC05T	4		/81						
	Dubuque, IA	DUBQIATC05T	4	C	12/83						
	Ft. Madison, IA	FTMDIATC05T	4		/88						
	Iowa City, IA	IWCYIATC05T	4	C	12/80						

Chart 7

BELL SYSTEM NO. 5 CROSSBAR CLASS 3 & CLASS 4 OFFICES IN SERVICE - END OF 1978

CO.	LOCATION	CLLI	CLASS ¹	C = CAMA RTA	RETIRE- MENT DATE	CO.	LOCATION	CLLI	CLASS ¹	C = CAMA RTA	RETIRE- MENT DATE	
SW	Lawrence, KS	LWRNKSVE05T	4	C	10/81	MTN	Roswell, NM	RSWLNMA62T	3	C	/83	
	Leavenworth, KS	LVWOKSSH05T	4		CL5 /79		Logan, UT	LOGNUTMA75T	4	C	5/83	
	Newton, KS	NWTNKS0505T	4		/90		Ogden, UT	OGDNUTMA62T	4	C,RTA	11/82	
	Ottawa, KS	OTWAKSMA05T	4	C	/90		Price, UT	PRICUTMA63T	4	C	-	
	Parsons, KS	PRSSKSWA05T	3	C	8/79		Vernal, UT	VRNLUTMA78T	4	C	-	
	Pittsburg, KS	PSBGKSL005T	4	C	/90		Rock Springs, WY	RCSPWYMA38T	4	C	-	
	Winfield, KS	WNFDKSMI05T	4	C	/90		PNB	Astoria, OR	ASTROR6401T	3	C	-
	Chillicothe, MO	CHLCMOMI05T	4	C,RTA	1/83			Bend, OR	BENDOR2401T	3	C	4/82
	Flat River, MO	FLRVMOGE05T	4	C	8/82			Medford, OR	MDFDOR3301T	3T	C	/84
	Hannibal, MO	HNBLMOAC05T	4	C	3/84			Pendleton, OR	PNTNOR5601T	3	C	/90
	Mexico, MO	MEXCMOJU05T	4	C,RTA	10/82	Salem, OR		SALMOR5801T	4	C	/83	
	Moberly, MO	MBRLMOAM05T	3	C	9/81	Aberdeen, WA		ABRDWA0101T	4	C	/90	
	Sedalia, MO	SDLIMOTA05T	4	C	12/81	Bellingham, WA		BLHMWA0101T	3		4/82	
	Ada, OK	ADA-OKMA05T	4	C	7/82	Longview, WA		LGVWWA0201T	4	C	1/80	
	Ardmore, OK	ARMROKMA05T	4	C	/90	Olympia, WA		OLYMWA0201T	4	C	/83	
	Bartlesville, OK	BRVLOKFE05T	4	C	CL5 /80	Walla Walla, WA		WLWLWA0101T	4	C	/89	
	Chickasha, OK	CHCKOKMA05T	4A	C	CL5 /81	PAC	El Centro	ELCNCA0141T	4	C	6/86	
	Clinton, OK	CLTNOKMA05T	4	C	12/83		Fairfield	FRFDCA0109T	4A	C	10/79	
	Cushing, OK	CSNGOKMA05T	4A	C	CL5 /81		Jackson	JCSNCA0122T	4	C	10/81	
	Duncan, OK	DNCNOKMA05T	4A	C	CL5 /83		Lakeport	LKPTCA0204T	4		6/85	
	Durant, OK	DRNTOKMA05T	4	C,RTA	7/81		Newhall	NHLLCA0147T	4	C	6/85	
	Enid, OK	ENIDOKMA05T	3	C	2/82		Red Bluff	RDBLCA0152T	4		6/83	
	McAlester, OK	MCLSOKMA05T	4	C	CL5 /82		Rialto	RILTCA1173T	4A	C	6/86	
	Norman, OK	NRMNOKMA05T	4		CL5 /80		San Luis Obispo	SNLOCA0117T	3	C	5/81	
	Shawnee, OK	SHWNOKMA05T	4A	C	CL5 /81		South Tahoe	STAHCA0135T	4	C	6/85	
	Beeville, TX	BEVLTXBV05T	4	C	5/84		Yuba City	YBCYCA0167T	4A	C	6/83	
	Cisco, TX	CISCTXHI05T	4	C	-	SNE	Danielson	DNSNCT0001T	4	C	12/84	
	Seguin, TX	SGINTXSG05T	4	C	5/81		CINN	Batavia, OH	BATVOHBA01T	4		7/85
	Wharton, TX	WHTNTXWH05T	4	C	12/85							
	MTN	Prescott, AZ	PRSCAZMA44T	4	C			-				
		Durango, CO	DURNCOMA24T	4	C	/00						
		Ft. Collins, CO	FTCLCOMA48T	4	C	CL5 /79						
		Sterling, CO	STNGCOMA52T	4	C	4/81						
		Pocatello, ID	PCTLIDMA23T	4	C	12/79						
Great Falls, MT		GRFLMTMA73T	3	C	/81							
Livingston, MT		LVTNMTMA22T	4	C	/81							
Missoula, MT	MSSLMTMA72T	4A	C	/82								
Alamogordo, NM	ALMGNMMA43T	4	C	-								

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Chart 7

NON-BELL CLASS 4 CROSSBAR OFFICES IN SERVICE - END OF 1978

AREA/ CO.	LOCATION	CLLI	TYPE - MFG. 4	C = CAMA T = TSPS TO = Toll Only	RETIRE- MENT DATE	AREA/ CO.	LOCATION	CLLI	TYPE - MFG. 4	C = CAMA T = TSPS TO = Toll Only	RETIRE- MENT DATE	
NE	North Anson, ME	NANSMEXA01T	NX1D-4			SO	Moultrie, GA	MLTRGAXA01T	5XB	C		
NY	Chatham	CHHMNYXA02T	XB		CL5 11/79		Asheboro, NC	ASBONCXA01T	NX1D-4			
	Dundee	DUNDNYXA01T	5XB				Clinton, NC	CLTNNCXA01T	5XB-5	T		
	Geneseo	GENSNYXA01T	NX1D-4	C			Elkin, NC	ELKNNCXA02T	NTS4E-4			
	Jamestown	JMTWNYXA01T	5XB	C			Greenville, NC	GNVLCXA01T	5XB-5	C		
	Norwich	NRWCNYXA01T	NX1-4	C,T			Hickory, NC	HCKRNCXA01T	NX1D-4			
NJ	Belvidere	BLVDNJXW01T	5XB				Siler City, NC	SLCYNCXA01T	NTS4-4			
	Clinton	CLTNNJXJ01T	5XB				Southern Pines, NC	SPNSNCXA01T	NX1E-4			
	Newton	NWTNNJXU01T	XB			SOCN	Greenwood, SC	GNWDSXC01T	NX1D-4			
PA	Carlisle	CRLSPAXC19T	NX1E-4	C,T		OHIO	Bristol, TN	BRSTTNXA51T	XB-4			
	Chambersburg	CHBGPAXC19T	NX1D-4	C,T			Ashtabula	ASHTOHXA01T	SP 1-5	C,T		
	Hanover (York Co.)	HNVRPAXH19T	NX1E-4	C,T			Elyria	ELYROHXA01T	SP 1-5	C,T		
	Kittanning	KTNGPAXK89T	SP 1-5	C			Galion	GLINOHXA50T	NX1D-4	C,T		
	Towanda	TWNDPAXT19T	NX1E-4	C,T			Greenville	GNVLOHXA50T	NX1D-4	C,T		
	Waynesburg	WYBGPAXW51T	NX1E-4	C			Lorain	LORNOHXA01T	NX1D-4	C,T		
	Wellsboro	WLBOPAXW19T	NX1D-4	C,T			Mansfield	MNFDOHXA50T	NX1E-4	C,T		
C&P	Charlottesville, VA	CHVLVAXA01T	NTS2-4		8/80	MICH	Alma	ALMAMIXG12T	NTS4-4	C		
	Edinburg, VA	EDBGVAXA02T	NX1E-4	T			IND	Decatur	DCTRINXA05T	XB-4	C	
	Emporia, VA	EMPRVAXA01T	NTS2-4	C,T				Franklin	FKLNINXA05T	XB-4	C	
SO	Avon Park, FL	AVPKFLXA03T	NTS4-4	C			Jasper	JSPRINXA05T	XB-4	C		
	Lake Buena Vista, FL	LKBNFLXB02T	SP 1-5	C			Lagrange	LGRNINXA05T	XB-4	C		
	Leesburg, FL	LSBGFLXA01T	NX1D-4	C,T			Monticello	MNTIINXA05T	XB-4	C		
	Live Oak, FL	LVOKFLXA02T	NTS4E-4	C			Plymouth	PLMOINXA05T	XB-4	C		
	Marianna, FL	MRNNFLXA02T	A1-3	C,T			Seymour	SYMRINXA05T	XB-4	C		
	Ocala, FL	OCALFLXA02T	NTS4E-4	C			Warsaw	WRSWINXA05T	XB-4	C		
	Tallahassee, FL	TLHSFLXA01T	NX1D-4	C	/80	WISC	Elkhorn	ELKHWIXB71T	C460-2			
	Winter Garden, FL	WNGRFLXA01T	NX1D-4	C			La Crosse	LCRSWIXC71T	NX1D-4			
	Winter Park, FL	WNPKFLXE01T	NX1D-4	C	/79		Wisconsin Rapids	WRPDWIXA71T	NX1E-4			
	Commerce, GA	CMRCGAXA01T	5XB	C								
	Dalton, GA	DLTNGAXC01T	5XB	C,T								

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Chart 7A

NON-BELL CLASS 4 CROSSBAR OFFICES IN SERVICE - END OF 1978

AREA/ CO.	LOCATION	CLLI	TYPE - MFG. 4	C - CAMA T - TSPS TO - Toll Only	RETIRE- MENT DATE	AREA/ CO.	LOCATION	CLLI	TYPE - MFG. 4	C - CAMA T - TSPS TO - Toll Only	RETIRE- MENT DATE
TCTS	Simcoe, ON	SIMCON3001T	5XB	C							
	Smith Falls, ON	SMFLON1801T	5XB	C							
	Stratford, ON	SRFRON3801T	5XB	C							
	St. Catharines, ON	STCTON1002T	SP1-5								
	St. Thomas, ON	STTMON2801T	5XB	C							
	Timmins, ON	TMNSONX002T	SP1-5								
	Toronto 4, ON	TOROON0104T	SP1-5								
	Walkerton, ON	WKTNON0101T	5XB	C							
	Charlottetown, PE	CHTWPE0102T	SP1-5								
	Cap aux Meules, PQ	CPMLPQXT01T	5XB								
	Donncona, PQ	DNNCPQXQ01T	5XB	C							
	Drummondville, PQ	DRUMPQ7701T	5XB	C							
	Granby, PQ	GRNBPQ8801T	5XB	C							
	Joliette, PQ	JOLTPQ1701T	5XB	C							
	Lac Megantic, PQ	LCMGPQ1401T	5XB	C							
	Mont Laurier, PQ	MLLRPQXT01T	5XB								
	Montmagny, PQ	MTMGPQXQ01T	5XB	C							
	Riviere du Loup, PQ	RDLPPQ4901T	5XB								
	St. Agathe, PQ	STATPQ5301T	5XB	C							
	St. Felicien, PQ	SFCNPQ2901T	5XB	C							
	St. Hyacinthe, PQ	STHYPQ6902T	SP1-5								
	St. Jerome, PQ	SJERPQ0501T	5XB	C							
	Ste. Marie de Beauce, PQ	STMBPQXQ01T	5XB	C							
	Trois Rivieres, PQ	TSRVPQ3201T	5XB	C							
	Valleyfield, PQ	VYFDPQ4701T	5XB	C							
	Moose Jaw, SK	MSJWSK0202T	SP1-5								
North Battleford, SK	NBFRSK0202T	SP1-5									
Whitehorse, YT	WHHTYTXB02T	SP1-5									
ALSK	Anchorage 1	ANCRKZA01T	SP1-5		8/75						
	Juneau	LNPNAKXA01T	SP1-5								

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Chart 7A

BELL SYSTEM STEP-BY-STEP CLASS 4 OFFICES IN SERVICE – END OF 1978

CO.	LOCATION	CLLI	C=CAMA TO=Toil Only AUX ¹	RETIRE- MENT DATE	CO.	LOCATION	CLLI	C=CAMA TO=Toil Only AUX ¹	RETIRE- MENT DATE
NE	Greenfield, MA	GNFDMACH01T		CL5 /82	NY	Hudson	HDSNNYHD01T		4/82
	North Adams, MA	NADMMASU01T		CL5 /82		Schenectady	SCHNNYSCO1T	AUX	12/82
	Pittsfield 2, MA	PTFDMAFE02T	AUX	CL5 /81		Sodus	SODSNYSDO1T		8/82
	Augusta, ME	AGSTMEST01T	C	/81		Ticonderoga	TCNDNYTIO1T		8/79
	Bath, ME	BATHMEHIO1T		/86		PA	Bradford	BRFRPABR11T	C
	Biddeford, ME	BDFRMEJE01T		/83	Butler		BTLRPABT11T	TO	/81
	Calais, ME	CALSMECH01T		/85	Charleroi		CHRLPACH11T		8/80
	Dover Foxcroft, ME	DVFXMEMA01T		/85	Clearfield		CLFDPACL11T		/83
	Ellsworth, ME	ELWOMEMA01T		/90	Easton		ESTNPAAE11T		4/80
	Farmington, ME	FRTNMEHIO1T		/82	Indiana		INDIPAIN11T		/84
	Houlton, ME	HLTNMECO01T		/90	Lebanon		LBNNPALE11T		/82
	Norway, ME	NRWYMEFA01T		/90	Lewistown		LWTWPALE11T		/82
	Presque Isle, ME	PRISMESE01T		/81	(Mifflin Co.)				
	Rockland, ME	RKLDMELIO1T	C	/86	McDonald		MCDDPAMC11T		3/79
	Waterville, ME	WTVLMEAP01T	C	/83	New Castle	NWCSPANC11T	C	12/79	
	Claremont, NH	CLMTNHBRO1T		/85	Shamokin	SHMKPASH11T		/81	
	Conway, NH	CNWYNHYA01T		/85	Sunbury	SNBYPASU11T		/81	
	Exeter, NH	EXTRNHCE01T		/82	C&P	Staunton, VA	STTNVAST01T	C	11/82
	Littleton, NH	LTTNNHPLO1T	C	/85		Beckley, WV	BCKLWVWD21T	C	4/81
	Nashua, NH	NASHNHHA01T	TO	/82		Martinsburg, WV	MRBGWVBU21T	C	6/84
	Peterborough, NH	PTRBNHCO01T		/83	SO	Key West, FL	KYWSFLMA01T		10/80
	Narragansett, RI	NRGNRIMA01T		/82		Hollywood, FL	HLWDFLMA01T		—
	Bellows Falls, VT	BLFLVTHE01T		/90		Americus, GA	AMRCGAMA01T		CL5 04/79
	Bennington, VT	BGTNVTPLO1T		/87		Carrollton, GA	CRTNGAMA01T		CL5 04/80
	Brattleboro, VT	BRBOVTMA01T	C	/83		Gainesville, GA	GSVLGAMA01T	C	4/79
	Middlebury, VT	MDLBVTCC01T		/85		Hazlehurst, GA	HZLHGAMA01T		CL5 05/80
	Montpelier, VT	MTPLVTSCO1T	C	/82		Jesup, GA	JESPGAMA01T		CL5 05/86
	Morrisville, VT	MRVLVTUN01T		/90		Rome, GA	ROMEGATLO1T	AUX	—
	Rutland, VT	RTLDTVWE01T	C	/80		Vidalia, GA	VDALGAMA01T		CL5 05/79
	St. Albans, VT	STALVTBA01T		/85		Hendersonville, NC	HNVLNCCH01T		12/80
	St. Johnsbury, VT	STBYVTSMO1T	C	/81	Lenoir, NC	LENRNCHA01T		12/82	
	NY	Auburn	AUBNNYAU01T		8/81	Shelby, NC	SHLBNCA01T		6/80
		Bath	BATHNYBH01T		10/81	Statesville, NC	SSVLNCMA01T		6/82
Cobleskill		CBLSNYZB01T		8/81	Spartanburg, SC	SPBGSCMA01T		CL5 01/79	
Corning		CRNGNYCG01T		11/82	Sumter, SC	SMTRSCTLO1T		CL5 04/79	
Cortland		CRLDNYCRO1T		5/81					
Elmira		EMIRNYEM01T		11/79					
Glens Falls		GLFLNYGFO1T	TO	2/79					

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Chart 8

BELL SYSTEM STEP-BY-STEP CLASS 4 OFFICES IN SERVICE – END OF 1978

CO.	LOCATION	CLLI	C=CAMA TO=Toll Only AUX ¹	RETIRE- MENT DATE	CO.	LOCATION	CLLI	C=CAMA TO=Toll Only AUX ¹	RETIRE- MENT DATE
SOCN	Flomaton, AL	FMTNALMT51T		6/79	NW	Algona, IA	ALGNIATC01T		/82
	Opelika, AL	OPLKALMT51T		12/82		Burlington, IA	BURLIATC01T		11/81
	Maysville, KY	MYVLKYMA01T		/81		Ottumwa, IA	OTTMIAATC01T		2/82
	Pikeville, KY	PKVLKYMA01T		/83		Sheldon, IA	SHLNIATC01T		/85
	Clarksdale, MS	CSDLMSMA01T		/82		Austin, MN	AUSTMNAU01T		4Q/83
	Corinth, MS	CRNTMSMA01T		/83		Detroit Lakes, MN	DTLKMNDL01T		/85
	Clarksville, TN	CLVLTNMA11T		4/79		Fergus Falls, MN	FRFLMNF01T		/84
						Grand Rapids, MN	GDRPMNGR01T		/83
OHIO	Barnesville	BRVIOH4250T	C	/90	Hibbing, MN	HBNGMNHIO1T		/83	
	Fremont	FRMTOH3350T	C	/84	Little Falls, MN	LTFLMNLFO1T		/83	
	Hillsboro	HLBOOH3950T	C	/88	Luverne, MN	LVRNMNLU01T	C	/85	
	New Lexington	NWLXOH3450T	C	/82	Marshall, MN	MRSHMNMA01T	C	2Q/82	
	Steubenville	SBVIOH2850T	C	/80	Montevideo, MN	MTVDMNM001T		/83	
	Upper Sandusky	UPSNOH2950T	C	/85	Ortonville, MN	ORVLMNOR01T		/81	
	Winchester	WNCHOH6950T	C	/86	Pine City, MN	PNCYMNPC01T		/84	
	Xenia	XENIOH3750T	C	/85	Preston, MN	PSTNMNPR01T		/81	
	Zanesville	ZNVLOH2750T	C	1/82	Sauk Centre, MN	SKCTMNSC01T		/83	
					Dickinson, ND	DCSNNDBC01T		/80	
MICH	Battle Creek	BTCKMIMN08T		2/82	Williston, ND	WLSTNDBC01T		/81	
	Bay City	BYCYMIMN08T		CL5 02/79	Mobridge, SD	MBRGSDCO01T		4/82	
	Benton Harbor	BNHRMIMN08T		8/80					
	Big Rapids	BGRPMIMN08T		9/82	Hope, AR	HOPEARMA09T	C	CL5 05/79	
	Cadillac	CDLCMIMN08T		12/81	Newport, AR	NWPTARMA09T	C	CL5 09/79	
	Hillsdale	HLDLMIMN08T		8/82	Colby, KS	CLBYKS0509T	C	/85	
	Reed City	RDCYMIMN02T		/85	Garden City, KS	GRCYKS0709T	C	12/80	
IND	Anderson	ARSNINO105T		/79	Great Bend, KS	GRTBKSST09T	C	CL5 08/81	
	Attica	ATTCINO105T		/84	Hays, KS	HAYSKS1109T	C	8/79	
	Clinton	CLTNINO105T		/84	Hutchinson, KS	HTSNKS0209T	C	7/79	
	Frankfort	FRFTINO105T		/82	Liberal, KS	LBRLKS0409T	C	CL5 04/79	
	Marion	MARNINO105T		/82	Manhattan, KS	MNHTKS0409T	C	4/81	
	Shelbyville	SHVLINO105T		/82	Marysville, KS	MYVIKSEL09T	C	CL5 10/79	
					Eldon, MO	ELDNMOEX09T	C	5/83	
					Kirksville, MO	KKVLMOMO09T	C	2/82	
WISC	Ashland	ASLDWIO111T	C	-	Poplar Bluff, MO	PPBLMOSU09T		8/79	
	Beaver Dam	BVDMWIO111T		3/79	Ponce City, OK	PNCYOKMA09T	C,AUX	CL5 06/79	
	Hudson	HDSNWIO111T	C	1/84	Cleveland, TX	CLEVTXCL09T	C	5/79	
	Manitowoc	MNTWWIO111T		3/79	Huntsville, TX	HNVITXHN09T	C	3/80	
	Marinette	MRNTWIO111T	C	/81	Victoria, TX	VCTATXO109T	C	2/82	
	Sturgeon Bay	STBYWIO111T		/81					
	Superior	SPRRWIO111T	C	-					

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Chart 8

BELL SYSTEM STEP-BY-STEP CLASS 4 OFFICES IN SERVICE – END OF 1978

CO.	LOCATION	CLLI	C=CAMA TO=Toll Only AUX ¹	RETIRE- MENT DATE	CO.	LOCATION	CLLI	C=CAMA TO=Toll Only AUX ¹	RETIRE- MENT DATE	
MTN	Flagstaff, AZ	FLGSAZMA77T		CL5 04/79	PAC	Merced	MRCDCA0100T		5/81	
	Globe, AZ	GLOBAZMA42T	C	CL5 08/79		Mojave	MOJVCA0110T		11/79	
	Alamosa, CO	ALMSCOMA58T		9/81		Napa	NAPACA0100T		12/79	
	Fort Morgan, CO	FTMRCOMA86T		4/81		Pomona	POMNCA0172T		6/80	
	Glenwood Springs, CO	GLSPCOMA94T		11/80		Portola	PTOLCA0100T		6/81	
	La Junta, CO	LJNTCOMA38T		9/81		Ukiah	UKIHCA0100T		6/79	
	Lamar, CO	LAMRCOMA33T		9/81		Vallejo	VLLJCA0100T		12/79	
	Payette, ID	PYTTIDMA64T		/81		Willows	WLWSCA1100T		3/81	
	Glasgow, MT	GLSGMTMA22T		/80		Woodland	WDLDCA1100T		9/80	
	Glendive, MT	GLNDMTMA36T	C	/81		Yreka	YREKCA1100T		6/81	
	Havre, MT	HAVRMTMA26T		/82	Ely, NV (355A)	ELY-NV0128T		4/95		
	Missoula, MT	MSSLMTMA54T		/82	Winnemucca, NV	WNMCNV0100T		6/82		
	Shelby, MT	SHLBMTMA43T		/83						
	Clovis, NM	CLVSNMMA76T		/84	SNE	Ansonia Derby	DRBYCT0001T		12/81	
	Deming, NM	DMNGNMMA54T		-		New Milford	NMFRCT0001T		10/84	
	Farmington, NM	FRTNNMMA32T		/85		Norwich	NRWCCT0001T		3/82	
	Las Cruces, NM	LSCRNMMA52T		/81		Old Saybrook	OLSYCT0001T		8/85	
	Santa Fe, NM	SNFENMMA98T	C	6/79		Willimantic	WLMNCT0001T		6/81	
	Cedar City, UT	CDCYUTMA58T	C	2/80	-	CINN	Williamstown, KY	WLTWKYWT01T		7/85
Sheridan, WY	SHRDWYMA67T		CL5 04/79							
Worland, WY	WRLDWYMA34T		CL5 05/79							
PNB	Lewiston, ID	LSTNID0101T		12/79						
	Klamath Falls, OR	KLFLOR5401T		12/79						
	Newport, OR	NWPTOR3501T		/84						
	Roseburg, OR	RSBGOR5701T		5/79						
	Centralia, WA	CENLWA0101T		10/81						
	Ephrata, WA	EPHRWA0101T		/85						
	Wenatchee, WA	WNTCWA0101T	TO	/81						
PAC	Auburn	AUBNCA0100T		6/80						
	Dunsmuir	DNSMCA1100T		3/80						
	Fairfield									
	- Suisun	FRFDCA0100T		10/79						
	Grass Valley	GRVYCA0100T		5/80						
	Lodi	LODICA0100T		3/79						
Marysville	MYVICA0100T		6/81							

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Chart 8

NON-BELL CLASS 4 STEP-BY-STEP OFFICES IN SERVICE – END OF 1978

AREA/ CO.	LOCATION	CLLI	TYPE – MFG. 4	C = CAMA T = TSPS AUX 1	RETIRE- MENT DATE	AREA/ CO.	LOCATION	CLLI	TYPE – MFG. 4	C = CAMA T = TSPS AUX 1	RETIRE- MENT DATE
NY	Au Sable Forks	ASFKNYXA01T	SXS	C	12/81	C&P	Smithfield, VA	SMFDVAXA01T	SXS		/82
	Boonville	BNVLNYXA01T	SXS				Warsaw, VA	WRSWVAXA01T	SXS		04/79
	Champlain	CHPLNYXA01T	SXS				Wytheville, VA	WYVLVAXA01T	SXS		
	Delhi	DELHNYXA01T	SXS				Bluefield, WV	BLFDWVXA11T	SXS		07/79
	Interlaken	INTRNYXA01T	SXS			SO	Crestview, FL	CRVWFLXA01T	SXS-1	C	
	Johnstown	JHTWNYXA01T	SXS		03/80		Ft. Walton Beach, FL	FTWBFLXA01T	SXS-1	C	
	Pulaski	PLSKNYXA01T	SXS				Naples, FL	NPLSFLXA01T	SXS-1	C	
	Rhinebeck	RHNBNYXA01T	SXS	C	01/85		Port St. Joe, FL	PTSJFLXA01T	XY-15	C,T	
	Seely	HMTNNYXA01T	SXS				Quincy, FL	QNCYFLXA01T	XY-15	C,T	
	Sidney	SDNYNYXA01T	SXS				Dawson, GA	DWSNGAXA01T	SXS		CL5 05/79
	Walden	WLDNNYXA01T	SXS	C	CL5 03/81		Fitzgerald, GA	FTZGGAXA01T	SXS	C	
	Walton	WLTNNYXA01T	SXS	C			Hawkinsville, GA	HWVLGAXA01T	SXS	C	
Westfield	WSFDNYXA01T	XY-15	T		Hinesville, GA	HNVLGAXA01T	SXS	C			
NJ	Sussex	SUSXNJXC01T	SXS-1		09/80	Milledgeville, GA	MDVLGAXA01T	SXS	C		
						Statesboro, GA	STBOGAXA01T	SXS	C		
PA	Bedford	BDFRPAXB19T	SXS	C	/84	Thomaston, GA	THTNGAXA01T	SXS	C		
	Forest City	FRCYPAXF19T	SXS	C		Toccoa, GA	TOCCGAXA01T	SXS	C		
	Johnstown	JHTWPAXJ11T	SXS		/83	Washington, GA	WASHGAXA01T	SXS	C		
	Knoxville (Tioga Co.)	KXVLPAXK11T	SXS		CL5 07/79	Winder, GA	WDRGAXA01T	SXS			
	Meadville	MDVLPAXM11T	SXS	C	/80	Ahoskie, NC	AHSKNCXA01T	SXS-1	C		
	Montrose	MTRSPAXM19T	SXS	C,T		Durham 1, NC	DRHMNCXT01T	SXS-1		3Q/81	
	New Milford	NMFRPAXN19T	SXS	C		Elizabeth City, NC	ELCYNCXA01T	SXS-1	C		
	Newport	NWPTPAXN19T	SXS	C		Henderson, NC	HNSNNCXA01T	SXS	C		
	Oil City	OLCYPAXO11T	SXS	C	/83	Jacksonville, NC	JCVLNCXA01T	SXS	C		
	Somerset	SMRTPAXS11T	SXS	C	/84	Kinston, NC	KSTNNCXA01T	SXS	C		
	Vandergrift	VNDGPAXM11T	SXS			Lexington, NC	LXTNNCXA01T	SXS-1			
C&P	Amherst, VA	AMHRVAXA01T	SXS			Mount Airy, NC	MTARNCXA01T	SXS-1			
	Covington, VA	CVTNVAXA01T	SXS-1			New Bern, NC	NWBRNCXA01T	SXS	C		
	Dale City, VA	DLCYVAXA01T	SXS-1	C,AUX		Sylva, NC	SYLVNCXA01T	XY-15	C	4Q/81	
	Franklin, VA	FKLVAXA01T	SXS		/80	Whiteville, NC	WHVLNCXA01T	SXS-1	C		
	Lexington, VA	LXTNVAXA01T	XY-15		/82	Williamston, NC	WMTNNCXA01T	SXS-1	C		
	Martinsville, VA	MTVIVAXA01T	SXS-1		/80	Chester, SC	CHESSCXA01T	SXS-1			
	Rocky Mount, VA	RCMTVAXA01T	SXS-1		/80	Lancaster, SC	LNCSSCXA01T	SXS-1			

NON-BELL CLASS 4 STEP-BY-STEP OFFICES IN SERVICE - END OF 1978

AREA/ CO.	LOCATION	CLLI	TYPE - MFG. 4	C = CAMA T = TSPS AUX 1	RETIRE- MENT DATE	AREA/ CO.	LOCATION	CLLI	TYPE - MFG. 4	C = CAMA T = TSPS AUX 1	RETIRE- MENT DATE	
SOCN	Atmore, AL	ATMRALXA51T	SXS		/82	OHIO	Jefferson (Ashtabula Co.)	JFSAOHXA50T	SXS-1	C		
	Dothan 1, AL	DTHNALXA51T	XY-15				Kenton	KNTNOHXA50T	XY-15	C		
	Foley, AL	FOLYALXA51T	SXS				Lebanon (Warren Co.)	LBNNOHXA01T	SXS-1	C		
	Leesburg, AL	LSBGALXA51T	SXS				Minerva	MNRVOHXA50T	SXS-1	C		
	Monroeville, AL	MOVLALXA52T	SXS				Mount Gilead	MTGLOHXA50T	SXS-1	C		
	Campbellsville, KY	CMVLKYXA01T	SXS		CL5 /80		Mount Vernon	MTVROHXA50T	SXS-1	C		
	Elizabethtown, KY	EZTWKYXA01T	SXS		10/82		Napoleon	NPLNOHXA50T	SXS-1	C		
	Glasgow, KY	GLSGKYXA01T	SXS		CL5 /79		New Philadelphia	NWPHOHXA50T	SXS-1	C,T		
	Hazard, KY	HZRDKYXA01T	SXS		/90		Norwalk	NRWLOHXA50T	SXS-1	C	CL5 /81	
	Morehead, KY	MRHDKYXA01T	SXS		/79		Oberlin	OBRLOHXA50T	SXS-1	C		
	Somerset, KY	SMRTKYXA01T	SXS		/80		Oxford	OXFROHXA01T	SXS-1	C		
	Cookeville, TN	CKVLTNXA01T	SXS		/82		Pataskala	PTSKOHXA50T	SXS-1	C		
	Greeneville, TN	GRVLTNXA11T	SXS		CL5 05/79		Port Clinton	PCTNOHXA50T	SXS-1	C		
	Johnson City, TN	JHCYTNXA11T	SXS		04/79		Portsmouth	PTMOOHXA50T	SXS-1	C		
	Kingsport, TN	KGPTTNXA11T	SXS		CL5 05/79		Sidney	SDNYOHXA50T	XY-15	C		
	OHIO	Ashland	ASLDOHXA50T	SXS-1	C			Stony Ridge	STRGOHXA50T	SXS-1	C	
		Athens	ATHNOHXA50T	SXS-1	C,T			Sunbury	SNBYOHXA50T	SXS-1	C	
		Bellefontaine	BLLFOHXA50T	SXS-1	C			Urbana	URBNOHXA50T	SXS-1	C	
		Bowling Green	BWLGOHXA50T	SXS-1	C,T			Van Wert	VNWRHXA50T	SXS-1	C	
		Brookville	BKVLOHXA50T	SXS-1	C,T			Wapakoneta	WPKNOHXA50T	SXS-1	C	
Bryan		BRYNOHXA50T	SXS-1	C		Warren 1	WRRNOHXA50T	SXS-1	AUX	/80		
Bucyrus		BCYROHXA50T	SXS-1	C		Wauseon	WASNOHXA50T	SXS-1	C			
Cadiz		CADZOHXA50T	SXS-1	C		Wilmington	WLMGOHXA50T	SXS-1	C			
Cambridge		CMBROHXA50T	SXS-1	C		Wooster	WSTROHXA50T	SXS-1	C	05/80		
Celina		CELNOHXA50T	SXS-1	C		MICH	Allegan	ALLGMIXG08T	SXS-1	C		
Chillicothe		CHLCOHXA50T	SXS-1	C			Alpena	ALPEMIXG08T	SXS-1	C	01/81	
Circleville		CRVLOHXA50T	SXS-1	C			Caro	CAROMIXI08T	SXS-1	C	/80	
Defiance		DFNCOHXA50T	SXS-1	C			Coldwater	CDWRMIXG08T	SXS-1	C	CL5 /81	
Delaware		DLWROHXA50T	SXS-1	C	02/79		Dowagiac	DWGC MIXG02T	SXS-1	C	CL5 /81	
Eaton		EATNOHXA50T	XY-15	C			Muskegon	MSKGMIXK08T	SXS-1	C	/79	
Geneva		GENVOHXA50T	SXS-1	C	CL5 /79		Owosso	OWSOMIXH08T	SXS-1	C		
Georgetown		GRTWOHXA50T	SXS-1	C			Roscommon	RSCMMIXH02T	SXS-1	C		
Jackson		JCSNOHXA50T	SXS-1	C			South Haven	SOHNMIXH08T	SXS-1	C		
							Three Rivers	THRRMIXG08T	SXS-1		10/80	

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Chart 8A

DISTANCE DIALING NI (INCLUDING REGION)



IN SERVICE DEC. 31, 1978

CCIS SIGNALING OTHER

■ REGIONAL □

▲ SECTIONAL △

● Primary ○

— FINAL GROUPS

ALL CANADA OFFICES ARE NON-BELL
A NON-BELL CO. OFFICE IS UNDERLINED

NETWORK - END OF 1978

(REGIONAL AREA BOUNDARIES)



NON-BELL CLASS 4 STEP-BY-STEP OFFICES IN SERVICE - END OF 1978

AREA/ CO.	LOCATION	CLLI	TYPE - MFG. 4	C - CAMA T - TSPS AUX 1	RETIRE- MENT DATE	AREA/ CO.	LOCATION	CLLI	TYPE - MFG. 4	C - CAMA T - TSPS AUX 1	RETIRE- MENT DATE	
IND	Angola	ANGLINXA05T	SXS-1		CL5 07/81	ILL	Jacksonville	JCVLILXC06T	SXS-1		/81	
	Connersville	CSVLINXA05T	SXS-1	C			Kewanee	KEWNILXD06T	SXS-1			
	Greencastle	GNC SINXA05T	SXS-1	C			Lawrenceville	LRVLILXE06T	SXS-1			/81
	Lafayette	LFYTINXA05T	SXS-1	C			Lincoln	LNCLILXC06T	SXS-1			
	Madison	MDSNINXA05T	USIM-16	C			Litchfield	LTFDILXC06T	SXS			
	Portage	PRTGINXA05T	SXS-1	C	04/79		Macomb	MCMBILXD06T	SXS-1			/81
	Terre Haute	TRRHINXA05T	SXS-1	C	/80		Monmouth	MNMOILXD06T	SXS-1			
	Tipton	TPTNINXA05T	XY-15	C			Oregon	ORGNILXA06T	SXS			
	Valparaiso	VLPRINXH06T	SXS-1	C	08/79		Paris	PARSILXC06T	SXS-1			
WISC	Wabash	WBSHINXA05T	SXS-1	C	CL5 10/81	Pekin	PEKNILXD06T	SXS			02/79	
	Boscobel	BOSCWIXA11T	SXS		10/79	Pittsfield	PTFDILXC06T	SXS-1				
	Clintonville	CIVLWIXA11T	SXS			Pontiac	PNTCILXA06T	SXS-1				
	Dodgeville	DGVLWIXA11T	SXS-1			Princeton	PRTNILXA06T	SXS-1				
	Frederic	FRDRWIXA11T	SXS-1		05/80	Robinson	RBSNILXE06T	SXS-1				
	Marshfield	MRFDWIXA11T	SXS			Rochelle	RCHEILXA06T	SXS				
	Mauston	MSTNWIXA11T	SXS-1		01/80	Sandwich	SNDWILXA06T	SXS-1				
	Monroe	MONRWIXA71T	XY-15			Sparta	SPRTILXE06T	SXS-1			/81	
	New Richmond	NWMDWIXA71T	XY-15		06/80	Streator	STRTILXA06T	SXS-1				
	Platteville	PTVLWIXA11T	SXS-1		04/80	Taylorville	TYVLILXC06T	SXS				
	Sparta	SPRTWIXA71T	XY-15			NW	Chariton, IA	CHRTIAXC02T	XY-15	C	/81	
	Tomah	TOMAWIXA71T	XY-15		CL5 03/79		Clarinda, IA	CLRDIAXT02T	XY-15	C		
	Viroqua	VIRQWIXA71T	XY-15				Creston, IA	CETNIAXC02T	XY-15	C		/81
Wausau	WAUSWIXD11T	SXS-1		12/79	Fairfield, IA		FRFDIAXC02T	XY-15	C			
					Fort Dodge, IA		FTDDIAXC02T	SXS-1	C			
					Grinnell, IA		GRNLIAXC02T	SXS-1	C		/81	
					Jefferson, IA		JFSNIAXC02T	XY-15	C			
ILL	Benton	BNTNILXE06T	SXS-1		/81	Knoxville, IA	KNVLIAXC02T	XY-15	C		/79	
	Carmi	CARMILXE06T	SXS-1		/81	Nevada, IA	NEVDIAXC02T	SXS-1	C			
	Carrollton	CRTNILXC06T	SXS-1			New Hampton, IA	NHTNIAXC02T	XY-15	C	CL5	/80	
	Carthage	CRTHILXC06T	SXS			Osceola, IA	OSCLIAXC02T	SXS-1	C			
	Casey	CASYILXC06T	XY-15			Rockwell City, IA	RCCYIAXC02T	SXS	C			
	Dixon	DIXNILXA06T	SXS		/80	Tipton, IA	TPTNIAXC02T	SXS	C	CL5	03/80	
	Flora	FLORILXE06T	SXS-1		/81	Alexandria, MN	ALXNMNXA02T	SXS	C		/80	
	Galesburg	GLBGILXD06T	SXS			Blue Earth, MN	BLERMNXB02T	SXS	C			
	Geneseo	GENSILXD06T	SXS									
	Harrisburg	HRBGILXE06T	SXS-1		/81							

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Chart 8A

NON-BELL CLASS 4 STEP-BY-STEP OFFICES IN SERVICE - END OF 1978

AREA/ CO.	LOCATION	CLLI	TYPE - MFG. 4	C = CAMA T = TSPS AUX 1	RETIRE- MENT DATE	AREA/ CO.	LOCATION	CLLI	TYPE - MFG. 4	C = CAMA T = TSPS AUX 1	RETIRE- MENT DATE	
NW	Fairmont, MN	FAMTMNXF02T	SXS	C	/81	SW	Jefferson City, MO	JFCYMOXA05T	SXS	C,T	CL5 /79	
	International Falls, MN.	INFLMNXI02T	SXS	C	/79		Lexington, MO	LXTNMOXA09T	SXS	C,T		/80
	Milaca, MN	MILCMNXM02T	SXS	C			Maryville, MO	MAVLMOXA09T	SXS	C		
	New Ulm, MN	NWULMNXN02T	SXS	C	/79		Milan, MO	MILNMOXA09T	SXS	C		
	Worthington, MN	WOTNMNXW02T	SXS	C			Oak Grove, MO	OKGVMOXA09T	SXS	C		/79
	Zumbrota, MN	ZMBRMNXZ02T	SXS				Sullivan, MO	SLLVMOXA01T	XY-15	C		
	Auburn, NE	AUBNNEXL02T	SXS				Warrensburg, MO	WRBGMOXA09T	SXS			
	Aurora, NE	AURRNEXM02T	SXS				Wentzville, MO	WNVLMOXA09T	XY-15	C,T		
	Beatrice, NE	BTRCNEXL02T	SXS				Guymon, OK	GYMNOKXA09T	SXS-1	C		
	Blair, NE	BLARNEXH02T	SXS	C			Poteau, OK	POTEOKXA09T	SXS	C,T		
	Columbus, NE	CLMBNEXG02T	SXS	C			Sulphur, OK	SLPHOKXA09T	SXS	C		
	David City, NE	DVCYNEXL02T	SXS				Baytown, TX	BYTWTXXA09T	SXS	C,T		
	Fairbury, NE	FRBRNEXL02T	SXS				Brownfield, TX	BWFDTXXA09T	SXS	C,T		06/88
	Falls City, NE	FLCYNEXM02T	SXS				Brownwood, TX	BWWDTXXA09T	SXS	C,T		06/83
	Geneva, NE	GENVNEXL02T	SXS				Burnet, TX	BURNTXXA09T	SXS			09/80
	Hastings, NE	HSNGNEXL02T	SXS				Commerce, TX	CMRCTXXA09T	SXS	C		09/80
	Hebron, NE	HBRNNEXL02T	SXS				Crockett, TX	CRCTTXXA09T	SXS			
	Kearney, NE	KRNYNEXG02T	SXS	C			Decatur, TX	DCTRTXXA09T	SXS	C		/79
	Scottsbluff, NE	SCTSNE XU02T	SXS	C			Del Rio, TX	DLRITXXA09T	SXS	C,T		06/89
	Seward, NE	SWRDNEXL02T	SXS				Dickinson, TX	DCSNTXXA09T	SXS	C,T		/81
Superior, NE	SPRRNEXL02T	SXS			Dimmitt, TX	DMMTXXA09T	SXS	C,T	06/79			
Tecumseh, NE	TCMSNEXL02T	SXS			Dumas, TX	DUMSTXXA09T	SXS					
Wahoo, NE	WAHONEXL02T	SXS			Fairfield, TX	FRFDTXXA09T	SXS					
York, NE	YORKNEXL02T	SXS			Fredericksburg, TX	FRBGTXXA09T	SXS	C,T	06/86			
SW	Glenwood, AR	GLWDARXA09T	SXS			Groesbeck, TX	GRSBTXXA09T	SXS	C,T	09/79		
	Greenbrier, AR	GNBRARXA09T	SXS			Hull, TX	HULLTXXA06T	SXS		CL5 06/79		
	Harrison, AR	HRSNARXA09T	SXS			Levelland, TX	LVLDTXXA09T	SXS	C,T	06/89		
	Stuttgart, AR	STTGARXA09T	SXS-1			Littlefield, TX	LTFDXXA09T	SXS	C,T	06/90		
	Russell, KS	RSSLKSXA09T	SXS-7	C	12/79	Lufkin, TX	LFKNTXXA09T	SXS	C,T			
	Cameron, MO	CMRNMOXA09T	SXS	C		Memphis, TX	MMPHTXXA09T	SXS	C,T	06/84		
	Harrisonville, MO	HNVLMOXA09T	SXS	C		Nocona, TX	NCNATXXA09T	SXS	C			
	Higginsville, MO	HGVLMOXA09T	SXS	C		Pecos, TX	PECSTXXA09T	SXS	C,T	04/79		
						Port Lavaca, TX	PTLVTXXA09T	SXS	C,T	06/86		
						San Angelo, TX	SANGTXXA09T	SXS	C,T	06/82		
						San Marcos, TX	SMRCTXXA09T	SXS	C,T	05/81		

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Chart 8A

NON-BELL CLASS 4 STEP-BY-STEP OFFICES IN SERVICE – END OF 1978

AREA/ CO.	LOCATION	CLLI	TYPE – MFG. 4	C = CAMA T = TSPS AUX 1	RETIRE- MENT DATE	AREA/ CO.	LOCATION	CLLI	TYPE – MFG. 4	C = CAMA T = TSPS AUX 1	RETIRE- MENT DATE	
SW	Seymour, TX	SYMRTXXA09T	SXS	C	/81	PAC	Burney	BRNYCAXF33T	SXS	AUX		
	Sherman, TX	SHMNTXXA09T	SXS	C			Colusa	COLSCAXF00T	SXS			
	Texarkana, TX	TXRKTXXA09T	SXS	C			Courtland	CRLDCAXG00T	SXS			
	Winnie, TX	WNNETXXA09T	SXS	C			Covina	COVNCAXG51T	SXS			
MTN	Holbrook, AZ	HLBKAZXC52T	XY-15	C	/83		Dos Palos	DSPLCAXF00T	SXS	AUX		
	Window Rock, AZ	WNRKAZXC877	SXS	C			Exeter	EXTRCAXF00T	SXS			
	McCall, ID	MCCLIDX63T	XY-15	C			Fort Jones	FTJNCAXF00T	SXS			
	Salmon, ID	SLMNIIDX75T	XY-15	C			Garberville	GRVLCAXF00T	SXS			
	Hobbs, NM	HBBSNMXC39T	SXS-1	C			Hemet	HEMTCAXF67T	SXS			
	Delta, UT	DELTUTXC86T	SXS-1	C			Indio	INDICAXF69T	SXS			
	Moab, UT	MOABUTXC25T	SXS-1	C			Kerman	KRMNCAXF55T	SXS			
							Lancaster	LNCSCAXG52T	SXS			
PNB	Coeur D'Alene, ID	CRALIDXX01T	XY-15		04/80	CL5	Manteca	MNTCCAXG00T	SXS	AUX	/80	
	Beaverton, OR	BVTNORXA01T	SXS-1		04/79		O'Neals	ONLSCAXF00T	SXS			
	Burns, OR	BRNSORXX01T	XY-15				Oxnard	OXNRCAXF53T	SXS			
	Estacada, OR	ESCDORXX01T	XY-15				Palm Springs	PLSPCAXG71T	SXS			
	Lebanon, OR	LBNNORXA01T	SXS-1				Perris	PERSCAXF92T	SXS			
	McMinnville, OR	MMVLORXX01T	XY-15				Reedley	RDLYCAXF35T	SXS			
	Merrill, OR	MRRLORXA01T	XY-15				Ridgecrest	RDGCCAXF85T	SXS			
	Myrtle Creek, OR	MYCKORXA01T	XY-15				Roseville	CTHTCAXF00T	SXS			
	Redmond, OR	RDMDORXA01T	XY-15				Sanger	SNGRCAXF56T	SXS			
	Cheney, WA	CHNYWAXA01T	XY-15				San Miguel	SNMACAXF03T	SXS			
	Ellensburg, WA	ELBGWAXA01T	SXS-1				Santa Barbara	SNBBCAXF54T	SXS			
	Grays River, WA	GRRVWAXA01T	SXS-1				Santa Maria	SNTMCAXF55T	SXS			
	Kennewick, WA	KNWCWAXA01T	SXS-1				Susanville	SSVLCAXF00T	SXS			
	Long Beach, WA	LNBHWAXA01T	XY-15		06/80		Taft	TAFTCAXF51T	SXS-1			
	Morton, WA	MRTNWAXX01T	XY-15				Weaverville	WVVLCAHG00T	SXS			
	Mount Vernon, WA	MTVRWAXA01T	SXS-1				Yucca Valley	YCVYCAHG89T	SXS			
	Poulsbo, WA	PLSBWAXX01T	SXS-1				Elko, NV	ELKONVXF73T	XY-15			
	PAC	Alturas	ALTRCAXF00T	SXS				Fallon, NV	FLLNNVXA42T			XY-15
		Barstow	BRSWCAXG65T	SXS				Pioche, NV	PICHNVXA96T			XY-15
Bishop		BSHPCAXF81T	SXS			Tonopah, NV	TNPHNVXB48T	SXS				
Blythe		BLYTCAXF83T	SXS			Yerington, NV	YRTNNVXA46T	XY-15				
						CINN	Oxford, OH	OXFROHXA01T	SXS-1			

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Chart 8A

NON-BELL CLASS 4 STEP-BY-STEP OFFICES IN SERVICE - END OF 1978

AREA/ CO.	LOCATION	CLLI	TYPE - MFG. 4	C = CAMA T = TSPS AUX 1	RETIRE- MENT DATE	AREA/ CO.	LOCATION	CLLI	TYPE - MFG. 4	C = CAMA T = TSPS AUX 1	RETIRE- MENT DATE
TCTS	Camrose, AB	CMRSAB0101T				TCTS	Bridgewater, NS	BRWRNS0101T		AUX	
	Edson, AB	EDSOAB0101T					Halifax 2, NS	HLFXNS0102T			
	Stettler, AB	STLRAB0101T			CL5 06/79		Truro, NS	TRURNS0101T			
	Abbotsford, BC	ABFDBC0101T			05/79		Yarmouth, NS	YRMONS0101T			
	Alert Bay, BC	ALBABC0101T			CL5 06/79		Hay River, NT	HYRVNTXA01T			
	Cranbrook, BC	CRBKBC0101T					Inuvik, NT	INVKNTXN01T			
	Dawson Creek, BC	DWCKBC0101T					Bracebridge, ON	BCBRON1601T			
	Duncan, BC	DNCNBC0101T					Beaverton, ON	BVTNON0101T			
	Fort Nelson, BC	FTNLBCXN01T					Clinton, ON	CLTNON0501T			
	Nelson, BC	NLSNBC0101T					Cochrane, ON	CCHRONXC01T			
	New Westminster, BC	NWMRBC0101T					Dryden, ON	DRYDON4801T			
	Penticton, BC	PNTNBC0101T					Fort Frances, ON	FTFRON1601T			CL5 06/79
	Port Alberni, BC	PTAIBC0101T					Huntsville, ON	HNVION1701T			
	Powell River, BC	PWRVBC0101T					Midland, ON	MDLDON1901T			
	Terrace, BC	TRRCBC0201T					New Liskeard, ON	NLKDONX001T			
	Vernon, BC	VERNBC0101T					Niagara Falls, ON	NGFLON0501T			
	Victoria 1, BC	VCTABC0101T					Orillia, ON	ORLLON1101T			
	Williams Lake, BC	WLLKBC0101T					Parry Sound, ON	PYSDON2601T			
	Morden, MB	MRDNMB0101T					Pembroke, ON	PMBRON5201T			
	Portage la Prairie, MB	PRPRMB0101T					Port Hope, ON	PTHPON6101T			
	Selkirk, MB	SLKRMB0101T					Renfrew, ON	RENFON5401T			
	Steinbach, MB	STNBMB0101T					Tillsonburg, ON	TLBGON4401T			
	The Pas, MB	TPASMB0101T					Welland, ON	WLLDON1601T			
	Bathurst, NB	BTSTNBSC01T					Woodstock, ON	WDSTON4501T			
	Campbellton, NB	CMTNNBSC01T					Alma, PQ	ALMAPQ1401T			
	Edmundston, NB	EDMNNBSC01T					Chibougamau, PQ	CBGMPQXT01T			CL5 06/79
	Fredericton, NB	FCTNNBSK01T					La Sarre, PQ	LSARPQXT01T			
	Woodstock, NB	WDSTNBSC01T					La Tuque, PQ	LTUQPQXT01T			CL5 07/79
	Bay Roberts, NF	BARTNF0101T					New Carlisle, PQ	NWCRPQXQ01T			CL5 05/79
	Goose Bay, NF	GSBANF0501T					Noranda, PQ	NRNAPQXT01T			
	Grand Falls, NF	GDFLNF0101T					Sorel, PQ	SORLPQ6301T			
	Port aux Basques, NF	PTABNF0101T					St. Jean, PQ	STJNPQ9301T			
	Stephenville Crossing, NF	SVLCNF0101T					Thetford Mines, PQ	THMNPQ3701T			
							/79	Victoriaville, PQ	VCVLPQ3901T		

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Chart 8A

NON-BELL CLASS 4 STEP-BY-STEP OFFICES IN SERVICE – END OF 1978

AREA/ CO.	LOCATION	CLLI	TYPE – MFG. 4	C = CAMA T = TSPS AUX 1	RETIRE- MENT DATE	AREA/ CO.	LOCATION	CLLI	TYPE – MFG. 4	C = CAMA T = TSPS AUX 1	RETIRE- MENT DATE
TCTS	Estevan, SK Melfort, SK Swift Current, SK Weyburn, SK	ESTVSK0101T MLFTSK0101T SWCRSK0101T WYBNSK0101T									
ALSK	Fairbanks	FRBNAKZA01T									
HAWI	Hilo Lihue Wailuki	HILOHIMNB1T LHUEHIMNB1T WALKHIMNB1T									
MEX	Ensenada Mexicali Tijuana	ENSNMXXFOOT MXCLMXXFOOT TIJNMXXFOOT									

Chart 9

OTHER TOLL OFFICES IN SERVICE – END OF 1978

CO	LOCATION	CLLI	CLASS ¹	TYPE – MFG. ⁴	C = CAMA T = TSPS	SERVICE DATE		RETIRE- MENT DATE
						OFFICE	CCIS	
NY	Warwick	WRWKNYXA02T	4	ESC1-7	C,T	12/75		
PA	Bangor	BNGRPAXB01T	4A	ITS -9	C	9/78		/82
	Erie	ERIEPAXH41T	4/TO	ETS4-4	C	1/76		
	Gibsonia	GIBSPAXG89T	4	EAX1-1		3/77		
	Ridgway	RGWYPAXR89T	4	EAX1-1	C			
	York	YORKPAXP49T	4/TO	ETS4-4	C	6/78		
C&P	Chase City, VA	CSCYVAXA02T	4	ITS -9				
	Harrisonburg, VA	HRBGVAXA02T	4	EAX1-1		3/78		
	Manassas, VA	MNSSVAXA01T	4A	EAX1-1	C	/77		
	Waynesboro, VA	WYBOVAXA02T	4	EAX1-1				
SO	Fort Myers 2, FL	FTMYFLXA03T	4	ETS4-4	C,T	9/78		/83
	Concord, NC	CNCRNCXA02T	4	EAX1-1	C			
	Durham 3, NC	DRHMNCXM03T	4	EAX1-1				
	High Point, NC	HGPNNCXA02T	4	EAX1-1		/78		
	Marshville, NC	MHVLNCXA02T	4	ITS4/5-9				
	Sanford, NC	SNFRNCXA01T	4	DMS200-6				
	Myrtle Beach, SC	MYBHSCXD01T	4	EAX1-1	C,T	3/74		
Rock Hill, SC	RCHLSCXB01T	4	EAX1-1	C,T				
SOCN	Dothan 2, AL	DTHNALXA02T	4	EAX1-1		6/76		CL5 3Q/81
	Ashland, KY	ASLDKYXA02T	4	EAX1-1		8/77		
	Lexington, KY	LXTNKYXA06T	3	ETS4-4		6/75		
	London, KY	LONDKYXA06T	4	ESC1-7				
	Larose, LA	LARSLAXA01T	4	ITT -3	C,T			
	Welsh, LA	WLSHLAXA01T	4	ITT -3	C,T			
OHIO	Lima	LIMAOHXA51T	4	ETS4-4	C,T	10/78		5/80
	Lorain	LORNOHXE01T	4A	EAX2-1		6/77		
	Marion	MARNOHXC50T	4	EAX3-1	C			
	Medina	MEDNOHXB01T	4	EAX1-1	C,T	8/78		
	Troy	TROYOHXA50T	4	EAX1-1	C			
	Warren 2	WRRNOHXA01T	4	ETS4-4	C	/76		
MICH	Adrian	ADRNMIHG17T	4	EAX1-1	C			
IND	Elkhart	EKHTINXA02T	4	EAX1-1	C	/78		
	Greensburg	GNBBINXB02T	4	ESS -6	C			
	La Porte	LAPTINXC02T	4	EAX1-1	C	/78		
	Logansport	LGPTINXA05T	4	EAX1-1	C	/77		
	Princeton	PRTNINXA05T	4	EAX1-1	C			
	Richmond	RCMDINXB03T	4/TO	EAX3-1	C	8/78		
WISC	North Prairie	NPRRWIXA71T	4/TO	ESC1-7		8/74		
	Rhineland	RHNLWIXA31T	4A	Metaconta L-3		11/78		
	Rice Lake	RCLKWIXB31T	4	EAX3-1	C	2/78		

Chart 9

OTHER TOLL OFFICES IN SERVICE – END OF 1978

CO	LOCATION	CLLI	CLASS ¹	TYPE – MFG. ⁴	C = CAMA T = TSPS	SERVICE DATE		RETIREMENT DATE
						OFFICE	CCIS	
ILL	Carbondale	CRDLILXE50T	4	EAX1-1		8/77		6/79 /81
	Marion	MARNILXE06T	3	SXS				
	Mattoon	MTONILXC50T	4	EAX1-1		5/77		
	Olney	OLNYILXE06T	3	SXS				
NW	Centerville, IA	CNVLIAXC09T	4	IMA2-9	C	/78		
	Mount Ayr, IA	MTAYIAXC02T	4	ITS4/5-9	C	/78		
	Mount Pleasant, IA	MNPLIAXC02T	4	ITS4/5-9	C	/78		
	Aurora, MN	AURRMNXA02T	4	DIG	C	/76		
	Lincoln, NE	LNCLNEXL12T	3	EAX3-1	C	12/78		
	Nebraska City, NE	NBCYNEXL02T	3	SXS	C			
SW	Crossett, AR	CRSTARXA09T	4					
	Holton, KS	HLTNKSXA01T	4	ITS4-9	C	11/78		
	Columbia, MO	CLMAMOXA09T	4	EAX1-1	C	7/78		
	Denton, TX	DNTNTXXA03T	4	EAX1-1	C			
PNB	Everett 2, WA	EVRTWAXA02T	4	EAX3-1				
PAC	Big Bear Lake	BBLKCAXF68T	4A	EAX -1				8/81
	Bishop	BSHPCAXF82T	4A	EAX -1				
	Crescent City	CRCYCAXF00T	4	DIG		12/78		
	Gilroy	GLRYCAXF84T	4	EAX1-1				
	Long Beach	LNBHCAXP40T	4	ETS4-4		5/75		
	Los Gatos	LSGTCAXF54T	4	EAX1-1				
	Ontario	ONTRCAXP91T	3/TO	ETS4-4		11/78		
	Redlands	RDLDCAXF75T	4	EAX1-1				
	Ridgecrest	RDGCCAXF84T	4A	EAX -1				
	Santa Monica	SNMNCAXP41T	4	ETS4-4		6/77		
	Gardnerville, NV	GRDVNVXA78T	4	DIG				
TCTS	Calgary 2, AB	CLGRAB2102T	2	SP 1-5		6/76		
	Medicine Hat, AB	MDHTAB0203T	4	EAX 1-1				
	Campbell River, BC	CBRVBC0101T	3	SXS		/55		
	Kamloops, BC	KMLPBC0102T	4	EAX 1-1		6/78		
	Kelowna, BC	KLWNBC0202T	3	EAX 1-1		8/78		
	Nanaimo, BC	NNIMBC0101T	3	SXS	C	/52		
	Vancouver 1, BC	VANCBBC0101T	3	FW1-1	C	/59		
	Brandon, MB	BRNDMBO202T	3	SP 1-5				
	Dauphin, MB	DAPHMBO101T	3	SXS	C	/60		
	Newcastle, NB	NWCSNBSC01T	3	5XB	C			
	Corner Brook, NF	CRBKNF0202T	2	SP 1-5				
	Gander, NF	GNDRNFXA02T	3	SP 1-5				
	St. John's, NF	STJHNF0102T	3	SP 1-5				
	Hamilton 2, ON	HMTNON1402T	3	SP 1-5		6/77		
	London 2, ON	LONDON1402T	3	SP 1-5		3/77		
	North Bay, ON	NRBAON2401T	3	5XB	C			
	Thunder Bay, ON	TDBAON3203T	3	SP 1-5				
Chicoutimi, PQ	CCTMPQ0301T	3	5XB	C				

Chart 9

OTHER TOLL OFFICES IN SERVICE – END OF 1978

CO	LOCATION	CLLI	CLASS ¹	TYPE – MFG. ⁴	C = CAMA T = TSPS	SERVICE DATE		RETIRE- MENT DATE
						OFFICE	CCIS	
TCTS	Montreal 3, PQ	MTRLPQ5803T	3	SP 1-5			3/76	
	Quebec 2, PQ	QUBCPQ1402T	2	SP 1-5			3/77	
	Rimouski 1, PQ	RMKIPQXA01T	3	5XB	C			
	Rimouski 2, PQ	RMKIPQXA02T	3	SP 1-5				
	Val D'Or, PQ	VLDRPQXA01T	3	5XB	C			
	Prince Albert, SK	PRNASK0102T	4	EAX 1-1				
	Regina 2, SK	REGNSK0602T	1	SP 1-5				
	Saskatoon, SK	SKTNSK0103T	3	SP 1-5				
	Yorkton, SK	YKTNSK0102T	4	EAX 1-1				
ALKS	Anchorage 2	ANCRAKZA02T	3	ESS				
CARIB	St. Johns, AN	STJHANXX01T	3	SXS				
	Eight Mile Rock, BA	EMRKBAXX01T	3	5XB				
	Nassau, BA	NASSBAXX01T	3	5XB				
	Hamilton, BM	HMTNBM0001T	3	5XB				
	Santa Domingo, DR	SNDMDRXX01T	3	5XB				
	Kingston 2, JM	KGTNJMXB01T	3	5XB				
	San Juan, PR	SNJNPRXA01T	3	5XB				
	Port of Spain, TR	PTSPTRO001T	3	5XB				
	Charlotte Amalie, VI	CHAMVIXX01T	3	SXS				
MEX	Chihuahua	CHHHMXZA01T	3	ARM-18				
	Hermosillo	HRMSMXXA01T	3	ARM-18				
	Mexico City	MXCYMXSJ02T	2	AKE-18				
	Monterrey	MNTRMXZA02T	3	AKE-18				

Chart 10

NEW TOLL OFFICES PLANNED FOR SERVICE 1979-1984

Co.	Location	CLLI	Type - Class ¹	Service Date	C = CAMA T = TSPS	Remarks
NE	White River Jct, VT	WRJTVTGA02T	1A-3	5/79	T	4 wire hi-lo
	Cambridge 18, MA	CMBRMA0118T	4E-2	8/79	T	
	Rutland, VT	RTLDTVWE02T	1A-4	5/80		
	Springfield 3, MA	SPFDMABE02T	4E-2	5/80	T	
	Augusta, ME	AGSTMEST	1A-4	3/81		
	St. Johnsbury, VT	STBYVTSMO2T	1A-4	5/81		
	Presque Isle, ME	PRISMESE	1A-4	6/81		
	Manchester, NH	MNCHNHCO03T	4E-3	4/82		
	Lewiston, ME	LSTNMEAS	1A-4	1982		
	Bangor, ME	BNGRMEPA	1A-4	1983	T	
	Brockton, MA	BRTNMA	4E-3	1983		
	Waterville, ME	WTVLMEAP	1A-4	1983		
	Framingham, MA	FRMNMA	4E-3	1984		
	NY	Glens Falls	GLFLNYGF08T	1A-4	2/79	
Garden City 2		GRCYNYG002T	4E-4	3/79		
Elmira		EMIRNYEMO3T	1A-4	11/79	T	
Poughkeepsie		PGHKNYSHO5T	1A-3	4/80	T	
Olean		OLENNYHA02T	1A-4	8/80	T	
White Plains 5		WHPLNYO504T	4E-1	8/80	T	
New York 5450		NYCMNY5450T	4E-3	1/81	T	
Utica		UTICNYUT05T	1A-4	5/81	T	
Watertown		WTTWNYUNO4T	1A-4	11/81	T	
Albany 3		ALBYNYSSO5T	4E-2	3/82	T	
Binghamton		BNGHNYHYO6T	1A-3	3/82	T	
New York E 38 St.			4E-3	1Q/83	T	
Syracuse		SYRCNYCU13T	4E-3	3/83	T	
Buffalo		BFLONYFRO5T	4E-3	3/84	T	
NJ	Camden 3	CMDNNJCE03T	4E-2	4/79	T	
	Newark 8	NWRKNJO208T	4E-2	6/80	T	
	Rochelle Park 3	RCPKNJO203T	4E-3	5/82	T	
	Cedar Knolls 2	CDKNNJCKO2T	4E-3	6/84	T	
PA	New Castle	NWCSPAN81T	1A-4	9/79		Add to local
	DuBois	DUBSPADU81T	1E-4	11/79	T	
	Philadelphia 4	PHLAPASL42T	4E-3	5/80	T	
	Sharon	SHRNPASH81T	1A-4	5/80		
	Harrisburg 2	HRBGPAAH42T	4E-2	11/80	T	
	Scranton	SCTNPASC82T	1A-4	5/81	T	
C&P	Altoona	ALNAPAAL81T	1A-3	4/82	T	Add to local
	Richmond 2, VA	RCMDVAIT03T	4E-4	5/79	T	
	Baltimore 10, MD	BLTMDCH01T	4E-3	9/80	T	
	Clarksburg, WV	CLBGWVMA24T	1A-3	11/80		
	Beckley, WV	BCKLWVWD22T	1A-4	4/81		
	Norfolk 4, VA	NRFLVABS08T	4E-3	4/81	T	
	Wheeling, WV	WLNWVWCP26T	1A-4	5/81		
	Annapolis, MD	ANNPMDAN	1A-4	12/81		
Arlington 3, VA	ARTNVACKO4T	4E-3	4/82	T		
Charleston 2, WV	CHTNWVLE25T	4E-2	4/82			

Chart 10

NEW TOLL OFFICES PLANNED FOR SERVICE 1979-1984

Co.	Location	CLLI	Type - Class ¹	Service Date	C = CAMA T = TSPS	Remarks	
SO	Gainesville, GA	GSVLGAMA02T	1A-4	4/79	T		
	Charleston, SC	CHTNSCDT04T	1A-4T0	1/80	T	4 wire hi-lo	
	Asheville, NC	AHVLNCOH03T	1A-3	5/80		4 wire hi-lo	
	Charlotte 2, NC	CHRLNCCA03T	4E-2	5/80	T		
	Daytona Beach, FL	DYBHFLMA04T	1E-4	9/80	T	4 wire hi-lo	
	Orlando 3, FL	ORLDFLMA03T	4E-2	9/80	T		
	Valdosta, GA	VLD SGAMA01T	1A-4	12/80			
	Greensboro 3, NC	GNBONCEU03T	4E-2	3/81	T		
	Columbus, GA	CLMBGAMT43T	1A-4	4/81	T	4w add to local 2w	
	W. Palm Beach 4, FL	WPBHFLANO4T	4E-3	8/81	T		
	Columbia 2, SC	CLMASCTLO3T	4E-2	11/81	T		
	Gainesville, FL	GSVLFLMA04T	1A-3T0	3/82	T	4 wire hi-lo	
	Pensacola, FL	PNSCFLBLO4T	1A-4	3/82	T	4 wire hi-lo	
	Atlanta 5, GA	ATLNGANW05T	4E-4	4/82	T		
	Florence, SC	FLRNSCMA02T	1A-3	4/82	T	4 wire hi-lo	
	Greenville, SC	GNVLSCTLO2T	4E-3	10/82	T		
	Lenoir, NC	LENRNCHA02T	1E-4	12/82			
	Waycross, GA	WYCRGAMA01T	1A-4	4/83			
	Raleigh, NC	RLGHNC	4E-3	7/84	T		
	Macon, GA	MACNGA	4E-2	1984			
	SOCN	Paducah, KY	PDCHKYMA01I	1E-3	5/79	T	4 wire hi-lo
		Mobile, AL	MOBLALAZ01T	4E-3	6/79	T	
		Paintsville, KY	PNVLKYMA02T	1A-3	9/79	T	4 wire hi-lo
Owensboro, KY		OWBOKYMA02T	1A-4	10/79	T	4 wire hi-lo	
Chattanooga, TN		CHTGTNNS73T	4E-4	12/79	T		
Meridian, MS		MRDNMSTLO6T	1A-4	12/79		4 wire hi-lo	
Gulfport, MS		GLPTMSTS06T	1A-4	3/80		4 wire hi-lo	
Monroe, LA		MONRLAMA03T	1A-4	3/80		4 wire hi-lo	
New Orleans 3, LA		NWORLAMA04T	4E-2	5/80	T		
Winchester, KY		WNCHKYMA01T	1A-3	5/80	T	4 wire hi-lo	
Louisville 2, KY		LSVLKYCS02T	4E-2	7/80	T		
Madisonville, KY		MDV IKYMA01T	1A-3	11/80	T	4 wire hi-lo	
Knoxville 2, TN		KNVLTNMA71T	4E-3	1/81	T		
Memphis, TN		MMPHTNMA43T	4E-3	2/81	T		
Birmingham, AL		BRHMALMT01T	4E-2	4/81	T		
Bowling Green, KY		BWLGKYMAB1T	1A-4	4/81	T	4 wire hi-lo	
Huntsville, AL		HNVIALMT01T	1A-4	4/81			
Decatur, AL		DCTRALMT01T	1A-4T0	10/81	T	4 wire hi-lo	
Selma, AL		SELMALMT01T	1A-4	10/82		4 wire hi-lo	
Hattiesburg, MS		HTBGMSMA06T	1A-4	2/83		4 wire hi-lo	
Tupelo, MS	TUPLMSMA06T	1A-4	9/83		4 wire hi-lo		
Baton Rouge, LA	BTRGLAMA	4E-4	12/84	T			
OH	Cleveland 3	CLEVOH0203T	4E-2	12/79			
	Zanesville	ZNVLOH4550T	1A-4	1/82			
	Akron	AKRNOH2503T	4E-3	4/83			
	Toledo 2	TOLDOH	4E-3	1984			
MICH	Detroit 3	DTRTMI BH50T	4E-2	4/81	T		
	Pontiac 3	PNTCMI	4E-3	1983			
IND	Indianapolis 2	IPLSINO102T	4E-2	10/80	T		
	South Bend	SBNDIN	4E-2	1983			

Chart 10

NEW TOLL OFFICES PLANNED FOR SERVICE 1979-1984

Co.	Location	CLLI	Type - Class 1	Service Date	C = CAMA T = TSPS	Remarks
WISC	Waukesha	WKSHWI0231T	4E-2	3/79	T	
	Hudson	HDSNWI0181T	1E-4	1/84		
ILL	Danville	DAVLILDA50T	1A-4	12/79	T	
	Centralia	CENLILCE50T	1E-4	10/80	T	
	Oak Brook 2	OKBRILOA52T	4E-4	3/81	T	
	Quincy	QNCYILQY50T	1A-4	8/81	T	
	Rock Island	RCISILRI51T	1A-4	1/82	T	4w add to local
	Northbrook 3	NBRKILNT52T	4E-4	4/82	T	
NW	Omaha 2, NE	OMAHNBW14T	4E-2	4/79	T	
	Cedar Rapids, IA	CDRRIADT03T	1A-4	8/79		4 wire hi-lo
	Grand Island, NE	GDISNENW38T	1A-4	10/79	T	4 wire hi-lo
	Minneapolis 3, MN	MPLSMNDT18T	4E-2	5/80	T	
	Iowa City, IA	IWCYIATC07T	1A-4	12/80		
	Mason City, IA	MSCYIATC07T	1A-3	4/81		4 wire hi-lo
	Norfolk, NE	NRFLNENW37T	1A-4	5/81	T	4 wire hi-lo
	Aberdeen, SD	ABRDSDCO05T	1A-4	6/81	T	4 wire hi-lo
	Waterloo, IA	WTRLIADT17T	1E-4	6/81		4 wire hi-lo add
	DesMoines 2, IA	DESMIADT08T	4E-2	9/81	T	
	Marshall, MN	MRSHMMA06T	1E-4	2Q/82		
	Bismarck, ND	BSMRNDBC07T	1E-3TO	7/82	T	4 wire hi-lo
	Sioux City, IA	SXCYIADT17T	1A-3	9/82		4 wire hi-lo add
Austin, MN	AUSTMNAU06T	1E-4	4Q/83			
	Dubuque, IA	DUBQIATC	1A-4	12/83		
SW	Fort Smith, AR	FTSMARSU02T	1E-4	2/79	T	4 wire hi-lo
	Houston 4, TX	HSTNTX0144T	4E-2	3/79	T	
	Ft. Worth 2, TX	FTWOTXED24T	4E-2	5/79	T	
	Oklahoma Cty 2, OK	OKCYOKCE04T	4E-2	5/79	T	
	Hutchinson, KS	HTSNKS0202T	1E-4	7/79	T	4 wire hi-lo
	Hays, KS	HAYSKS1102T	1E-4	8/79	T	4 wire hi-lo
	Parsons, KS	PRSSKSWA01T	1E-3	8/79	T	4 wire hi-lo
	Salina, KS	SLNAKSTA02T	1A-3TO	11/79	T	4 wire hi-lo
	Huntsville, TX	HNVITXHN01T	1A-4	3/80		4 wire hi-lo
	St. Louis 3, MO	STLSMO0934T	4E-1	5/80	T	
	Tulsa 2, OK	TULSOKTB04T	4E-3	6/80	T	
	Garden City, KS	GRCYKS0701T	1E-4	12/80	T	4 wire hi-lo
	Little Rock 2, AR	LTRKARFR15T	4E-3	2/81	T	
	Wichita 2, KS	WCHTKSBR24T	4E-3	4/81	T	
	Longview, TX	LGVWXTLO3T	1A-3TO	6/81	T	4 wire hi-lo
	Durant, OK	DRNTOKMA01T	1A-4	7/81	T	
	Waco, TX	WACOTX0102T	1A-3	12/81	T	4 wire hi-lo
	Enid, OK	ENIDOKMA01T	1A-4	2/82	T	
	Springfield, MO	SPFDMO	4E-4	3/82	T	
	Austin TX	AUSTTXGR02T	4E-3	4/82	T	
	Houston 5, TX	HSTNTX0154T	4E-3	5/82	T	
	Abilene, TX	ABLNTXOR03T	1A-3	3/83	T	4 wire hi-lo
	Corpus Christi 2, TX	CRCHTXTU02T	4E-3	4/83	T	
Amarillo 3, TX	AMRLTX0202T	4E-2	12/83	T		

NEW TOLL OFFICES PLANNED FOR SERVICE 1979-1984

Co.	Location	CLLI	Type - Class ¹	Service Date	C = CAMA T = TSPS	Remarks
MTN	Denver 5, CO	DNVRCOZJ05T	4E-1	11/79		
	Cheyenne 2, WY	CHYNWYMA02T	1A-3	12/79		4 wire hi-lo
	Pocatello, ID	PCTLIDMA01T	1A-4	12/79		4 wire hi-lo
	Cedar City 1, UT	CDCYUTMA01T	1E-4	1/80		
	Grand Jct. 2, CO	GDJTCOMA02T	1A-3	7/80	T	4 wire hi-lo
	Phoenix 3, AZ	PHNXAZMA03T	4E-3	9/80	T	
	Great Falls, MT	GRFLMTMA01T	1A-3TO	3/81	T	4 wire hi-lo
	Colorado Springs, CO	CLSPCOMRO1T	4E-4	9/81	T	
	Salt Lake Cty 2, UT	SLKCUTMA02T	4E-2	4/82	T	
	El Paso, TX	ELPSTXMA02T	4E-4	5/82	T	
	Missoula, MT	MSSSLMTMA01T	1A-3	5/82		4 wire hi-lo
	Tucson 3, AZ	TCSNAZMA03T	4E-4	11/83	T	
	Boise, ID	BOISID	4E-3	1984		
PNB	Portland 3, OR	PTLDOR6203T	4E-3	4/79		
	Roseburg, OR	RSBGOR5702T	1E-4	5/79		
	Lewiston, ID	LSTNID	1A-4	12/79		
	Seattle 3, WA	STTLWA0604T	4E-3	5/80	T	
	Spokane 2, WA	SPKNWA0102T	4E-3	2/83	T	
	Eugene 2, OR	EUGNOR	4E-3	1984		
PAC	Los Angeles 4	LSANCA0470T	4E-2	2/80		
	San Fransisco 3	SNFCCA2143T	4E-3	5/80	T	
	Anaheim 3	ANHMCA0211T	4E-2	3/81	T	
	Salinas	SLNSCA0114T	1A-3	3/81		4 wire hi-lo
	San Luis Obispo	SNLOCA0106T	1A-3	4/81	T	4 wire hi-lo
	Bakersfield	BKFDCA0140T	1A-3TO	5/81	T	4 wire hi-lo
	Modesto	MDSTCA0243T	1A-3	5/81		4 wire hi-lo
	Oakland 6	OKLDCA0344T	4E-2	8/81	T	
	Reno, NV	RENONV0344T	4E-2	4/82	T	
	San Jose 2	SNJSCA0241T	4E-2	4/82	T	
	Gardena 3	GRDNCA0386T	4E-4	6/82		
	Chico	CHICCA0188T	1A-3	4/83	T	4 wire hi-lo
	Redding	RDNGCA0125T	1A-3TO	4/83	T	4 wire hi-lo
	Sherman Oaks 5	SHOKCA0589T	4E-3	6/83	T	
	Santa Rosa 3	SNRSCA02	4E-2	1/84	T	
	Los Angeles 5	LSANCA03	4E-4	4/84		
Stockton 3	SKTNCA	4E-2	1984			
SNE	Meriden	MRDNCT0003T	1E-3	6/79		
	Stamford	SMFRCT0102T	1A-4	7/79		
	Hartford	HRFRCT0305T	1A-4	11/79	T	
	Norwalk	NRWLCT0202T	1E-4	12/79	T	
	Bridgeport	BRPTCT0105T	1A-4	3/80		
	Danielson	DNSNCT0002T	1A-4	11/80		
	Waterbury	WTRBCT0003T	1A-4	9/81		
	New Haven 5	NWHNCT0205T	4E-2	10/81	T	
	Ansonia-Derby	DRBYCT0002T	1A-4	12/81		
	Norwich	NRWCCT0002T	1A-4	3/83		
Hartford 4	HRFRCT0306T	4E-3	4/83	T		
CINN	Cincinnati 2	CNCNOHWS14T	4E-2	6/79	T	

Chart 10

NEW TOLL OFFICES PLANNED FOR SERVICE 1979-1984

Co.	Location	CLLI	Type - Class 1	Service Date	C = CAMA T = TSPS	Remarks
<u>NON-BELL</u>	Delaware, OH	DLWROHXA50T	EAX1-4	2/79		
	Oak Grove, MO	OKGVMOXA	-4	2/79		
	Pekin, IL	PEKNILXD50T	EAX1-4	2/79		
	Everett, WA	EVRTWAXA02T	EAX3-4	3/79		
	Honolulu 4, HI	HNLLHIMN04T	4E-3	3/79		
	Beaverton, OR	BVTNORXB02T	EAX3-4	4/79		
	Johnson City, TN	JHCYTNXC41T	ETS4-4	4/79		
	Pecos, TX	PECSTXXA01T	DIG -4	4/79		
	Portage, IN	PRTGINXH03T	EAX3-4	4/79		
	Warsaw, VA	WRSWVAXA02T	DMS200-4	4/79		
	Knoxville, IA	KNVLIAXC09T	ITS4/5-4	5/79		
	Dimmitt, TX	DMMTTXXA	DIG -4	6/79		
	Marion, IL	MARNILXE50T	EAX3-3	6/79		
	New Ulm, MN	NWULMNXN02T	DIG -4	6/79		
	Bluefield, WV	BLFDWVXA12T	EAX3-4	7/79		
	Groesbeck, TX	GRSBTXXA	DIG -4	9/79		
	Boscobel, WI	BOSCWIXA31T	DC0100-4	10/79		
	Muskegon, MI	MSKGMIXK12T	ETS4-4	10/79		
	Killeen, TX	LLNTXXA	DIG -4	12/79		
	Martinsville, VA	MTVIVAXA02T	DIG -4	12/79		
	Russell, KS	RSSLKSXA	-4	12/79		
	Wausau, WI	WAUSWIXA31T	EAX3-4	12/79		
	Decatur, TX	DCTRXXA	DMS200-4	/79		
	Glasgow, KY	GLSGKYXA	EAX2-4	/79		
	International Falls, MN	INFLMNXI	DIG -4	/79		
	Morehead, KY	MRHDKYXA02T	EAX1-4	/79		
	Winter Park, FL	WNPKFLXA	DIG -4	/79		
	Ft. Wayne, IN	FTWYINXA03T	EAX3-4	1/80		
	Mauston, WI	MSTNWIXA31T	ITS -4	1/80		
	Terre Haute, IN	TRRHINXA03T	EAX3-4	2/80		
	Johnstown, NY	JHTWNYXA	-4	3/80		
	Tipton, IA	TPTNIAXC02T	-4	3/80		
	Coeur D'Alene, ID	CRALIDXX	EAX3-4	4/80		
	Dixon, IL	DIXNILXA50T	LESS-4	4/80		
	Platteville, WI	PTVLWIXA31T	EAX2-4	4/80		
	Frederic, WI	FRDRWIXA31T	ESC -4	5/80		
	Victorville 2, CA	VTVLCAXA98T	-4	5/80		
	Warren 2, OH	WRRNOHXA51T	DSS1-4	5/80		
	Wooster, OH	WSTROHXA01T	DSS1-4	5/80		
	Fort Wayne, IN	FTWYINXA03T	EAX3-4	6/80		
	Kennewick, WA	KNWCWAXA02T	EAX3-4	6/80		
	New Hampton 1, IA	NHTNIAXC02T	-4	6/80		
	New Richmond, WI	NWMDWIXA31T	-4	6/80		
	Charlottesville, VA	CHVLVAXA02T	DIG -4	8/80		
	Burnet, TX	BURNXXA	DIG -4	9/80		
	Commerce, TX	CMRCTXXA	-4	9/80		
	Three Rivers, MI	THRRMIXG09T	EAX3-4	10/80		
	Alexandria, MN	ALXNMNXA02T	DIG -4	12/80		
	Olney, IL	OLNYILXE50T	EAX3-3	12/80		
	Campbellsville, KY	CMVLKYXA	EAX2-4	/80		

Chart 10

NEW TOLL OFFICES PLANNED FOR SERVICE 1979-1984

Co.	Location	CLLI	Type - Class ¹	Service Date	C = CAMA T = TSPS	Remarks
NON- BELL	(cont.)					
		Caro, MI	CAROMIXI08T	ITS5-4	/80	
		Franklin, VA	FKLNVAXA02T	DIG -4	/80	
		Grinnell, IA	GRNLIAXC	DMS200-4	/80	
		Martinsville, VA	MTVIVAXA02T	DIG -4	/80	
		Maryville, MO	MAVLMOXA	-4	/80	
		Meadville, PA	MDVLPAXM81T	DIG -4	/80	
		Pleasanton, KS	PLTNKSXA	-4	/80	
		Rocky Mount, VA	RCMTVAXA02T	DIG -4	/80	
		Somerset, KY	SMRTKYXA	EAX1-4	/80	
		Tallahassee, FL	TLHSFLXA	-4	/80	
		Ulysses, KS	ULYSKSXA	-4	/80	
		Alpena, MI	ALPEMIXG	EAX2-4	1/81	
		Fort Dodge, IA	FTDDIAXC02T	-4	1/81	
		Glenwood, AR	GLWDARXA	-4	2/81	
		Norwalk, OH	NRWLOHXA51T	EAX3-4	3/81	
		San Marcos, TX	SMRCTXXA	DIG -4	5/81	
		Durham, NC	DRHMNCXT02T	EAX3-4	6/81	
		Scottsbluff 2, NE	SCTSNEXU12T	-4	6/81	
		Tampa 4, FL	TAMPFLXA04T	4E -3	6/81	
		Macomb, IL	MCMBILXD08T	-4	8/81	
		Ontario, CA	ONTRCAXP80T	4E -3	8/81	
		Au Sable Forks, NY	ASFKNYXA	DIG -4	12/81	
		Sylva, NC	SYLVNCXA02T	DIG -4	4Q/81	
		Chariton, IA	CHRTIAXC	DMS200-4	/81	
		Creston, IA	CETNIAXC	DMS200-4	/81	
		Dickinson, TX	DCSNTXXA	DIG -4	/81	
		Fairmont, MN	FAMTMNXF	DIG -4	/81	
		Guadalajara, MX		-3	/81	
		Sherman, TX	SHMNTXXA	DIG -4	/81	
		Rochester, NY	ROCKNYXA05T	4E -4	5/82	
		San Angelo, TX	SANGTXXA	DIG -4	6/82	
		Clearwater, FL	CLWRFLXA03T	EAX3-4	8/82	
		Elizabethtown, KY	EZTWKYXA	EAX1-4	10/82	
		Celaya, MX		-3	/82	
		Cookeville, TN	CKVLTNXA	EAX3-4	/82	
		Erie, PA	ERIEPAXM81T	EAX3-3	/82	
		Lexington, VA	LXTNVAXA02T	DIG -4	/82	
		Smithfield, VA	SMFDVAXA02T	DIG -4	/82	
		Brownwood, TX	BWWDTXXA	DIG -4	6/83	
		Fort Myers, FL	FTMYFLXA	-4	/83	
		Hobbs, NM	HBBSNMXC	-4	/83	
	Johnstown, PA	JHTWPAXJ81T	DIG -4	/83		
	Oil City, PA	OLCYPAX081T	DIG -4	/83		
	Puebla, MX		-3	/83		
	Reynosa, MX		-3	/83		
	Butler, PA	BTLRPABT81T	DIG -4	/84		
	Ft Walton Beach, FL	FTWBFLXA	-4	/84		
	Oxnard, CA	OXNRCAXP42T	EAX3-4	/84		
	Sarasota, FL	SRSTFLXF03T	EAX3-4	/84		
	Sommerset, PA	SMRTPAXA	DIG -4	/84		

Chart 10

NEW TOLL OFFICES PLANNED FOR SERVICE 1979-1984

Co.	Location	CLLI	Type - Class ¹	Service Date	C = CAMA T = TSPS	Remarks
TCTS	Ottawa 3, ON	OTWAON2303T	DMS200-4	1/79		
	St. John 2, NB	STJHNBSU02T	SP1-2	4/79		
	Abbotsford, BC	ABFDBC0102T	EAX1-4	5/79		
	Gaspé, PQ	GASPPQXQ01T	5XB-4	5/79		
	Victoria 2, BC	VCTABC0102T	EAX1-4	5/79		
	Grand Falls, NF	GDFLNF	SP1-4	/79		
	Montreal 6, PQ	MTRLPQ0106T	DMS200-2	1979/80		
	Kitchener 2, ON	KTNRONO602T	DMS200-3	3/80		
	Toronto 7, ON	TOROONO107T	DMS200-4	6/80		
	Kingston 2, ON	KGTNONO802T	DMS200-4	1980		
	Calgary 4, AB	CLGRAB2104T	DIG -2	1981		
	London 3, ON	LONDON	DMS200	1981		
	Nanaimo, BC	NNIMBC0102T	DIG -4	1981		
	New Westminster, BC	NWNRBC0102T	DIG -4	1981		
	Quebec 3, PQ	QUBCPQ	DMS200	1981		
	Regina 3, SK	REGNSK0603T	DIG -2	1981		
	Sherbrooke, PQ	SHBKPQ	DMS200	1981		
	Swift Current, SK	SWCRSK	DIG -	1981		
	Camrose, AB	CMRSAB	DIG -4	1982		
	Dawson Creek, BC	DWCKBC	DIG -4	1982		
	Edmonton 4, AB	EDTNAB0204T	DIG -3	1982		
	Halifax 3, NS	HLFXNS0103T	DIG -2	1982		
	Kelowna, BC	KLWNBC	DIG -	1982		
	Moncton 2, NB	MCTNNBSA02T	DIG -4	1982		
	Prince George, BC	PGRGBC	DIG -3	1982		
	Saskatoon, SK	SKTNSK	DIG -	1982		
	Sydney, NS	SYDNNS	DIG -	1982		
	Toronto 8, ON	TOROON6308T	DMS200-4	1982		
	Vancouver, BC	VANCB	DIG -3	1982		
	Victoria 3, BC	VCTABC0103T	DIG -4	1982		
	Winnipeg, MB	WNPGB0102T	DIG -2	1982		
	Bathurst, NB	BTSTNB	DIG -	1983		
Bay Roberts, NF	BARTNF	DIG -4	1983			
Campbell River, BC	CBRVBC	DIG -4	1983			
Edson, AB	EDSOAB	DIG -	1983			
Grand Prairie, AB	GDPRAB	DIG -	1983			
Sudbury, ON	SDBRON	DMS200-3	1983			
Truro, NS	TRURNS	DIG -	1983			
Cranbrook, BC	CRBKBC	DIG -4	1984			
Terrace, BC	TRRCBC	DIG -4	1984			

Chart 11

COMMON CHANNEL INTEROFFICE SIGNALING (CCIS)
 IMPLEMENTATION SCHEDULE 1979-1982
 (BASED ON APRIL 1979 SOCC-SCHEDULE OF CONVERSIONS AND CUTOVERS)

REGION	LOCATION	TYPE/ CLASS	SERVICE DATE	REMARKS
White Plains	Garden City 2T, NY	4ESS	3/79	
	Framingham 3, MA	4A	4/79	
	Worcester 2, MA	4A	4/79	
	Portland 2, ME	4A	6/79	
	Cambridge 18, MA	4ESS	8/79	
	Syracuse, NY	4A	9/79	
	Burlington, VT	1AESS	3/80	
	White River Jct., VT	1AESS	3/80	
	Poughkeepsie, NY	1AESS	4/80	
	Springfield 3, MA	4ESS	5/80	
	Newark 8, NJ	4ESS	6/80	
	Olean, NY	1AESS	8/80	
	White Plains 5, NY	4ESS	8/80	
	Meriden, CT	1ESS	10/80	
	Norwalk, CT	1ESS	10/80	
	New York 5450, NY	4ESS	1/81	
	Utica, NY	1AESS	5/81	
	New Haven 5, CT	4ESS	10/81	
	Watertown, NY	1AESS	11/81	
	Stamford, CT	1AESS	4Q/81	
	Concord, NH	1ESS	/81	
	Albany 3, NY	4ESS	3/82	
	Binghamton, NY	1AESS	3/82	
	Altoona, PA	1AESS	4/82	
	Manchester, NH	4ESS	4/82	
	Rochelle Park 3, NJ	4ESS	5/82	
	Rochester, NY (NB)	4ESS	5/82	
	New London, CT	1AESS	4Q/82	
	Waterbury, CT	1AESS	4Q/82	
	Elmira, NY	1AESS	/82	
	Glens Falls, NY	1AESS	/82	
	Wayne	Camden 3, NJ	4ESS	4/79
Richmond 2, VA		4ESS	5/79	
Philadelphia 4, PA		4ESS	5/80	
Baltimore 10, MD		4ESS	9/80	
Harrisburg 2, PA		4ESS	11/80	
Lynchburg, VA		1AESS	1/81	
Norfolk 4, VA		4ESS	4/81	
Hazleton, PA		1ESS	5/81	
Scranton, PA		1AESS	5/81	
Arlington 3, VA		4ESS	4/82	

Chart 11

**COMMON CHANNEL INTEROFFICE SIGNALING (CCIS)
IMPLEMENTATION SCHEDULE 1979-1982
(BASED ON APRIL 1979 SOCC-SCHEDULE OF CONVERSIONS AND CUTOVERS)**

REGION	LOCATION	TYPE/ CLASS	SERVICE DATE	REMARKS
Pittsburgh	Akron 2, OH	4A	4/79	
	Cincinnati 2, OH	4ESS	6/79	
	Lansing 2, MI	4A	8/79	
	Cleveland 3, OH	4ESS	12/79	
	Youngstown 2, OH	4A	3/80	
	Saginaw 2, MI	4A	5/80	
	Winchester, KY	1AESS	5/80	
	Paintsville, KY	1AESS	10/80	
	Detroit 3, MI	4ESS	4/81	
	Port Huron, MI	1ESS	4/81	
	Huntingtown, WV	1ESS	5/81	
	Altoona, PA	1AESS	4/82	
	Clarksburg, WV	1AESS	4/82	
	Charleston 2, WV	4ESS	4/82	
Rockdale	Raleigh, NC	4A	1/79	
	Baton Rouge 1, LA	4A	2/79	
	Mobile, AL	4ESS	6/79	
	Chattanooga, TN	4ESS	12/79	
	Charleston, SC	1AESS	1/80	
	Monroe, LA	1AESS	3/80	
	Savannah, GA	1ESS	4/80	
	Asheville, NC	1AESS	5/80	
	Charlotte 2, NC	4ESS	5/80	
	New Orleans 3, LA	4ESS	5/80	
	Albany, GA	1AESS	6/80	
	Panama City, FL	1ESS	6/80	
	Rome, GA	1ESS	6/80	
	Daytona Beach, FL	1ESS	9/80	
	Orlando 3, FL	4ESS	9/80	
	Valdosta, GA	1AESS	12/80	
	Knoxville 2, TN	4ESS	1/81	
	Memphis, TN	4ESS	2/81	
	Greensboro 3, NC	4ESS	3/81	
	Athens, GA	1ESS	4/81	
	Birmingham, AL	4ESS	4/81	
	Columbus, GA	1AESS	4/81	
	Augusta, GA	1ESS	5/81	
	Wilmington, NC	1ESS	5/81	
	Tampa 4, FL (NB)	4ESS	6/81	
	West Palm Beach 4, FL	4ESS	8/81	
	Columbia 2, SC	4ESS	11/81	
	Gainesville, GA	1AESS	2/82	
	Gainesville, FL	1AESS	3/82	
	Pensacola, FL	1AESS	3/82	
	Atlanta 5, GA	4ESS	4/82	
	Florence, SC	1AESS	4/82	
Durham, NC (NB)	EAX3	6/82		
Clearwater, FL (NB)	EAX3	8/82		
Greenville, SC	4ESS	10/82		
Selma, AL	1AESS	10/82		

Chart 11

**COMMON CHANNEL INTEROFFICE SIGNALING (CCIS)
IMPLEMENTATION SCHEDULE 1979-1982
(BASED ON APRIL 1979 SOCC-SCHEDULE OF CONVERSIONS AND CUTOVERS)**

REGION	LOCATION	TYPE/ CLASS	SERVICE DATE	REMARKS
Norway	Fargo 1, ND	4A	1/79	
	Eau Claire, WI	1ESS	3/79	
	Waukesha 3, WI	4ESS	3/79	
	Des Moines, IA	4A	4/79	
	Omaha 2, NB	4ESS	4/79	
	Cedar Rapids, IA	1AESS	8/79	
	Kalamazoo 2, MI	4A	9/79	
	Grand Island, NB	1AESS	10/79	
	Bloomington 1, IN	4A	11/79	
	Sioux Falls, SD	1ESS	3/80	
	Minneapolis 3, MN	4ESS	5/80	
	Indianapolis 2, IN	4ESS	10/80	
	Joliet, IL	1ESS	12/80	
	Oak Brook 2, IL	4ESS	3/81	
	Mason City, IA	1AESS	4/81	
	Aberdeen, SD	1AESS	6/81	
	Des Moines 2, IA	4ESS	9/81	
	Waterloo, IA	1ESS	12/81	
	St. Cloud, MN	1ESS	/81	
	Northbrook 3, IL	4ESS	4/82	
	Bismarck, ND	1ESS	7/82	
	Sioux City, IA	1AESS	9/82	
	Portage, IN (NB)	EAX3	12/82	
	Daluth, MN	1ESS	/82	
	Wayzata, MN	1ESS	/82	
	St. Louis	St. Louis 3, MO	4ESS	5/80
Paducah, KY		1ESS	6/80	
Louisville 2, KY		4ESS	7/80	
Ft. Smith, AR		1ESS	9/80	
Owensboro, KY		1AESS	9/80	
Jonesboro, AR		1ESS	10/80	
Pine Bluff, AR		1ESS	10/80	
Topeka, KS		1ESS	10/80	
Madisonville, KY		1AESS	11/80	
Fayetteville, AR		1ESS	12/80	
Little Rock 2, AR		4ESS	2/81	
Wichita 2, KS		4ESS	4/81	
Salina, KS		1AESS	12/81	
Enid, OK		1AESS	2/82	
Springfield, MO		4ESS	3/82	
Dallas		Austin 1, TX	4A	3/79
	Corpus Christi 1, TX	4A	3/79	
	Houston 4, TX	4ESS	3/79	
	Ft. Worth 2, TX	4ESS	5/79	
	Oklahoma City 2, OK	4ESS	5/79	
	Tulsa 2, OK	4ESS	6/80	
	Huntsville, TX	1AESS	7/80	
	Wichita Falls, TX	1ESS	9/80	
	Beaumont, TX	1AESS	10/80	

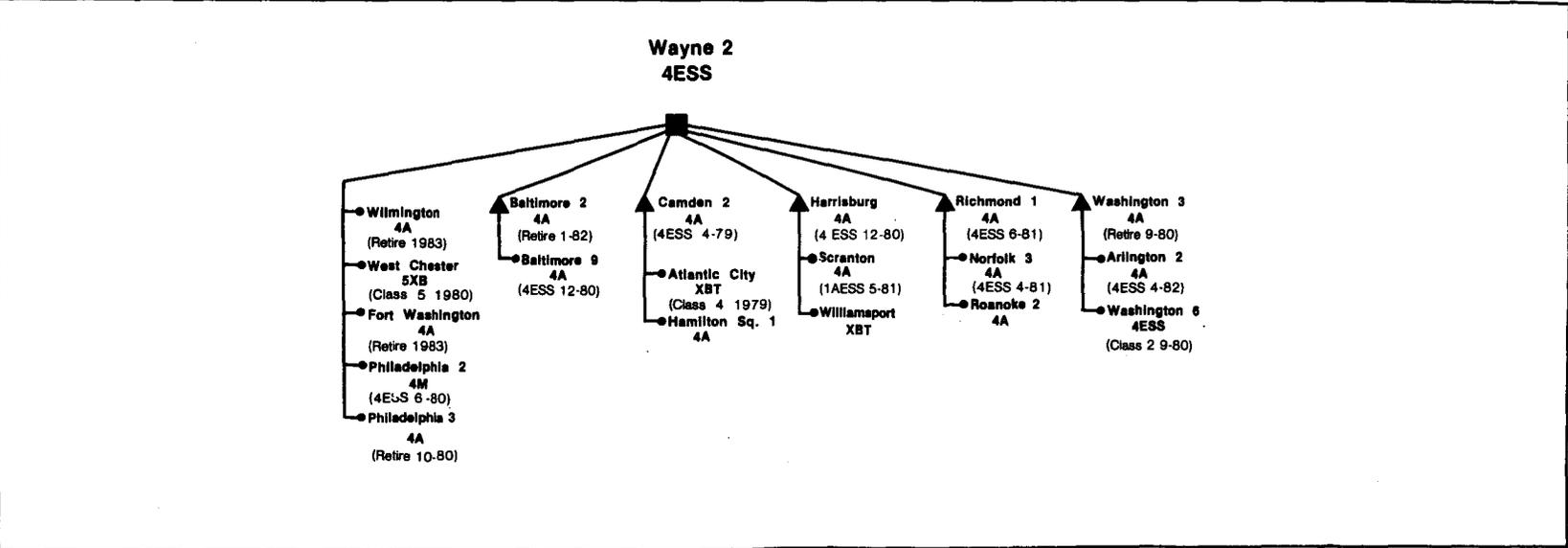
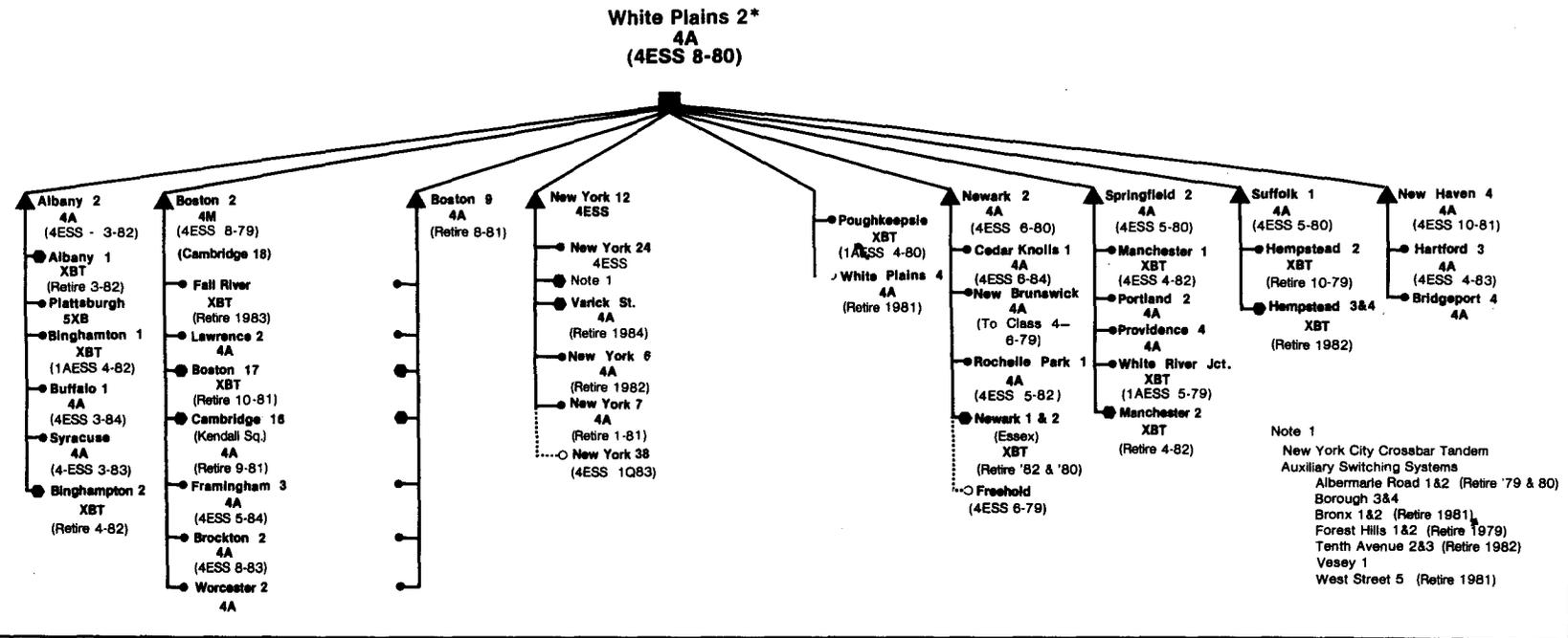
Chart 11

**COMMON CHANNEL INTEROFFICE SIGNALING (CCIS)
IMPLEMENTATION SCHEDULE 1979-1982
(BASED ON APRIL 1979 SOCC-SCHEDULE OF CONVERSIONS AND CUTOVERS)**

REGION	LOCATION	TYPE/ CLASS	SERVICE DATE	REMARKS
Dallas (cont.)	Lawton, OK	1AESS	12/80	
	Longview, TX	1AESS	6/81	
	Waco, TX	1AESS	12/81	
	Midland, TX	1AESS	2/82	
	Austin, TX	4ESS	4/82	
	EL Paso, TX	4ESS	5/82	
	Harlingen, TX	1ESS	5/82	
	Houston 5, TX	4ESS	5/82	
	Lubbock, TX	1AESS	8/82	
Denver	Denver 5, CO	4ESS	11/79	
	Pocatello, ID	1AESS	12/79	
	Cedar City 1, UT	1ESS	1/80	
	Billings 2, MT	1ESS	3/80	
	Cheyenne 2, WY	1AESS	3/80	
	Casper, WY	1AESS	4/80	
	Helena 1, MT	1ESS	5/80	
	Grand Junction 2, CO	1AESS	7/80	
	Phoenix 3, AZ	4ESS	9/80	
	Great Falls, MT	1AESS	3/81	
	Colorado Springs 2, CO	4ESS	9/81	
	Salt Lake City 2, UT	4ESS	4/82	
	Missoula, MT	1ESS	5/82	
Provo, UT	1ESS	/82		
Sacramento	Fresno 2, CA	4A	2/79	
	Hayward, CA	4A	3/79	
	Honolulu 4, HI (NB)	4ESS	3/79	
	Portland 3, OR	4ESS	4/79	
	Reno 3, NV	4A	4/79	
	Stockton 2, CA	4A	5/79	
	Santa Rosa 2, CA	4A	6/79	
	San Francisco 3, CA	4ESS	5/80	
	Seattle 3, WA	4ESS	5/80	
	Salinas, CA	1AESS	3/81	
	Modesto, CA	1AESS	5/81	
	Oakland 6, CA	4ESS	8/81	
	Reno, NV	4ESS	4/82	
	San Jose 2, CA	4ESS	4/82	
San Bernardino	Los Angeles 4, CA	4ESS	2/80	
	Anaheim 3, CA	4ESS	3/81	
	San Luis Obispo, CA	1AESS	4/81	
	Bakersfield, CA	1AESS	5/81	
	Ontario, CA (NB)	4ESS	8/81	
	Gardena 3, CA	4ESS	6/82	
	(NB) - indicates Non-Bell			

CONTROL SWITCHING POINTS AND THEIR HOMING ARRANGEMENTS
(Present & Future Arrangements Through 1984)
(Based On April 1979 Construction Budget View)

UNIT 1.12A



SOME OF THE LOCATIONS HAVE NOT MET ALL OF THE REQUIREMENTS FOR CSP'S OF THE CLASSES SHOWN FOR DISTANCE DIALING. THEREFORE, THE ROUTING, SWITCHING, TRANSMISSION ARRANGEMENTS AND ADEQUACY OF INTERCEPTING FACILITIES SHOULD BE INVESTIGATED BEFORE DISTANCE DIALING IS AUTHORIZED TO GO THROUGH ANY SYSTEM.

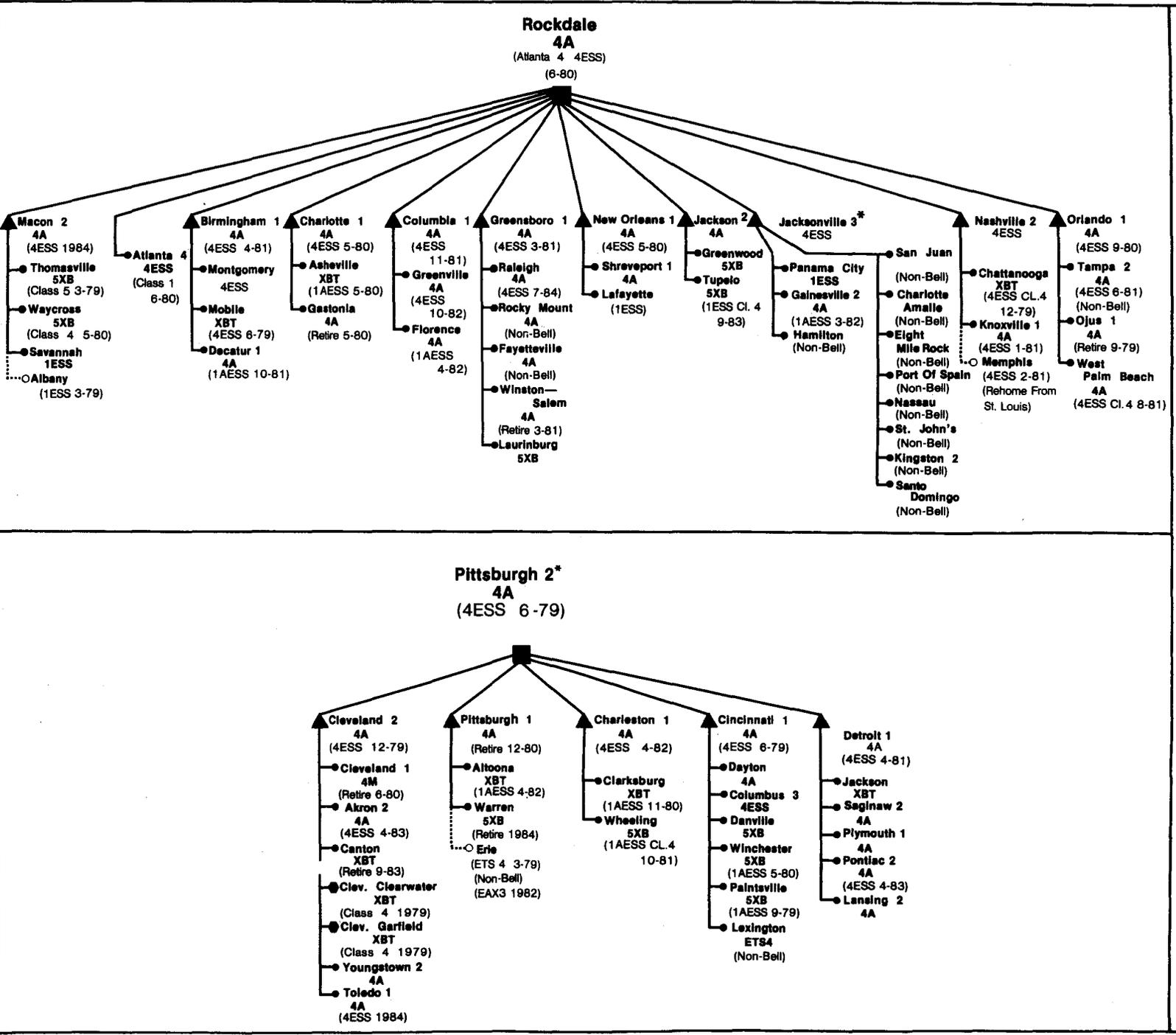
EXISTING
REGIONAL CENTER (CLASS 1)
SECTIONAL " " (" 2)
PRIMARY " " (" 3)
Auxiliary Switching System
PLANNED DATE IS SHOWN IN ()
* INTERNATIONAL SWITCHING CENTER

CSP
FUTURE

IN SERVICE 12:31:78
PLANNED BY END OF 1984
FINAL GROUP

CONTROL SWITCHING POINTS AND THEIR HOMING ARRANGEMENTS
 (Present & Future Arrangements Through 1984)

(Based On April 1979 Construction Budget View)



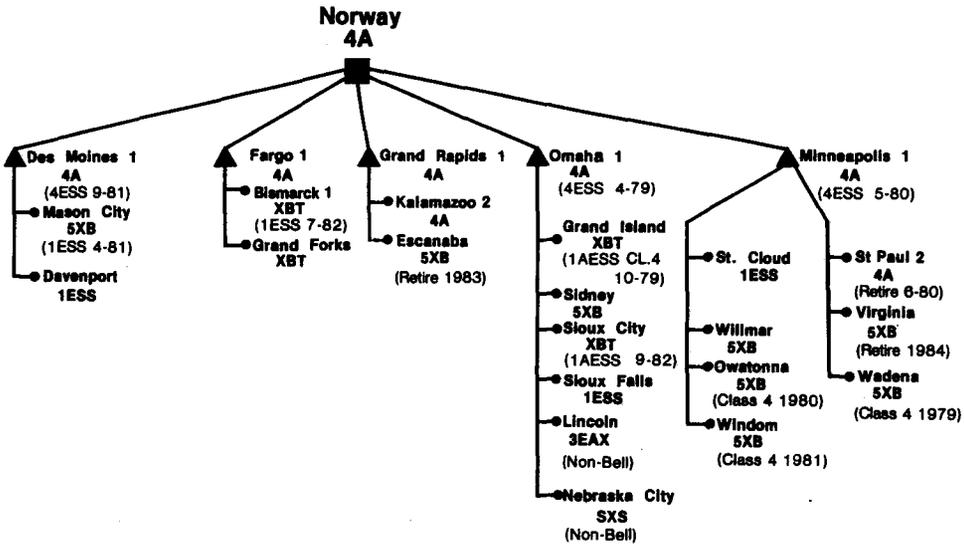
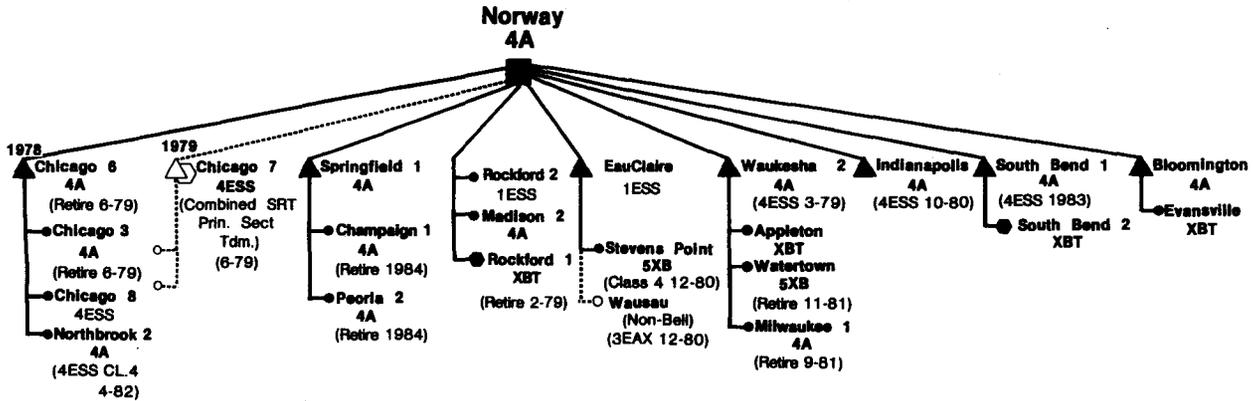
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EXISTING
 CSP
 REGIONAL CENTER (CLASS 1)
 SECTIONAL " " " 2)
 PRIMARY " " " 3)
 Auxiliary Switching System
 PLANNED DATE IS SHOWN IN ()
 * INTERNATIONAL SWITCHING CENTER

FUTURE
 REGIONAL CENTER (CLASS 1)
 SECTIONAL " " " 2)
 PRIMARY " " " 3)
 Auxiliary Switching System
 PLANNED DATE IS SHOWN IN ()
 * INTERNATIONAL SWITCHING CENTER

IN SERVICE 12-31-78
 PLANNED BY END OF 1984
 FINAL GROUP

CONTROL SWITCHING POINTS AND THEIR HOMING ARRANGEMENTS
(Present & Future Arrangements Through 1984)
(Based On April 1979 Construction Budget View)



Chicago 7
4ESS
(Selective Routing
Tandem SRT)

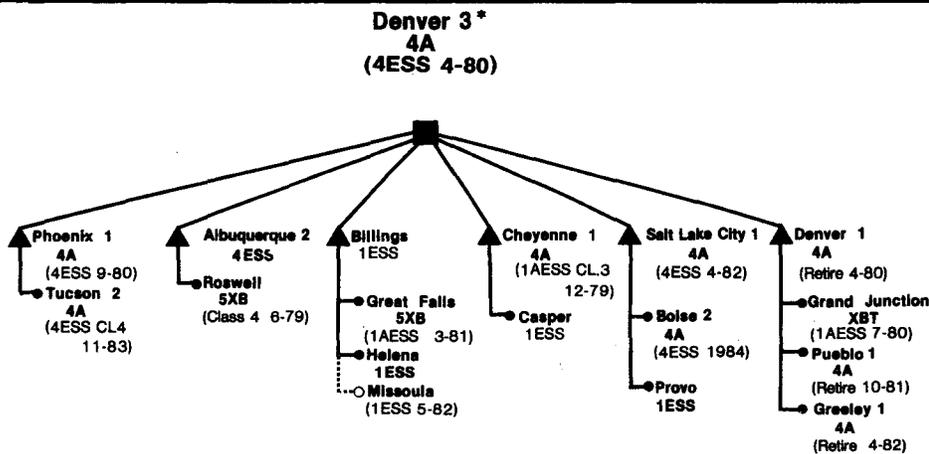
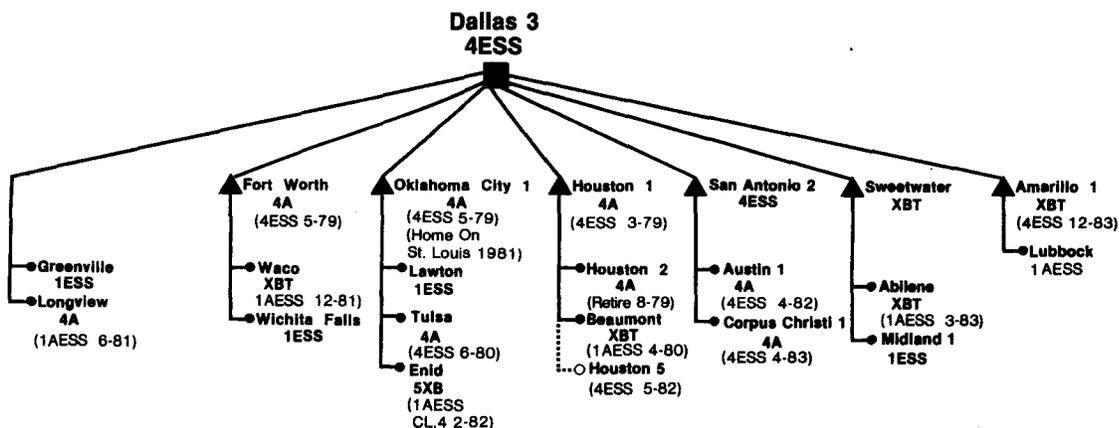
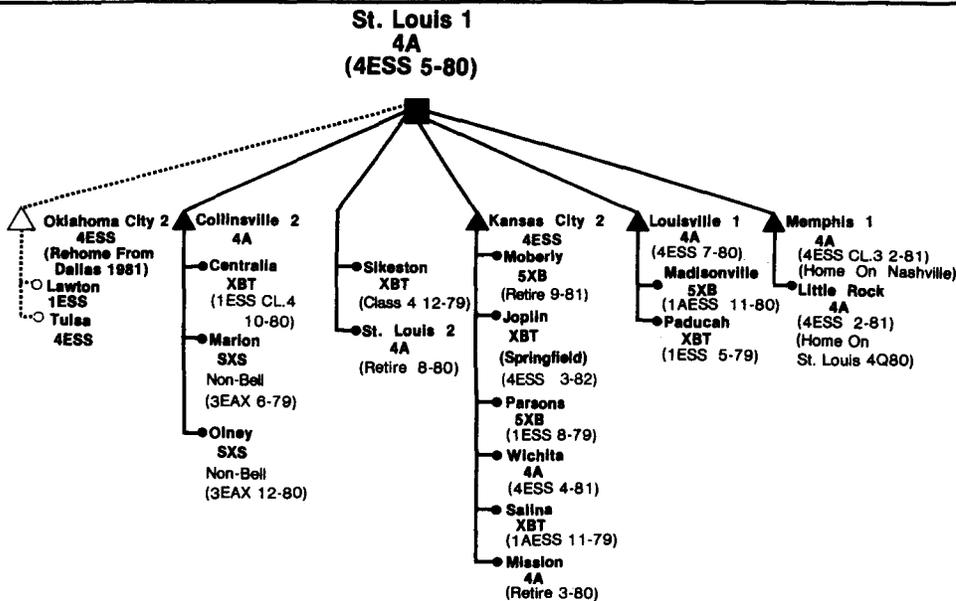
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EXISTING CP FUTURE
REGIONAL CENTER (CLASS 1)
SECTIONAL " " " 2)
PRIMARY " " " 3)
Auxiliary Switching System
PLANNED DATE IS SHOWN IN ()
* INTERNATIONAL SWITCHING CENTER

IN SERVICE 12/31/78
PLANNED BY END OF 1984
FINAL GROUP

CONTROL SWITCHING POINTS AND THEIR HOMING ARRANGEMENTS
 (Present & Future Arrangements Through 1984)

(Based On April 1979 Construction Budget View)



SOME OF THE LOCATIONS HAVE NOT MET ALL OF THE REQUIREMENTS FOR CSP'S OF THE CLASSES SHOWN FOR DISTANCE DIALING. THEREFORE, THE ROUTING, SWITCHING, TRANSMISSION ARRANGEMENTS AND ADEQUACY OF INTERCEPTING FACILITIES SHOULD BE INVESTIGATED BEFORE DISTANCE DIALING IS AUTHORIZED TO GO THROUGH ANY SYSTEM.

EXISTING CSP FUTURE

■ REGIONAL CENTER (CLASS 1) □

▲ SECTIONAL " (" 2) △

● PRIMARY " (" 3) ○

PLANNED DATE IS SHOWN IN ()

* INTERNATIONAL SWITCHING CENTER

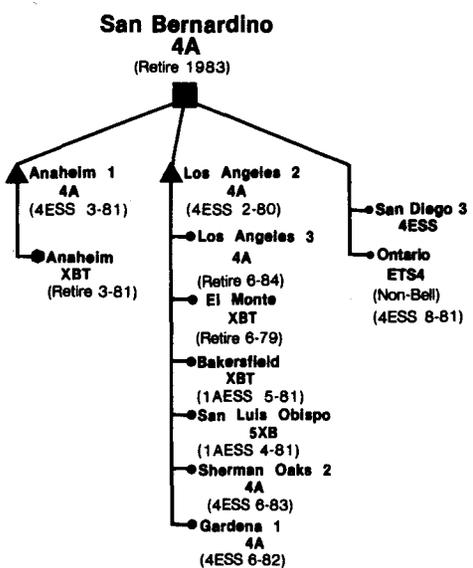
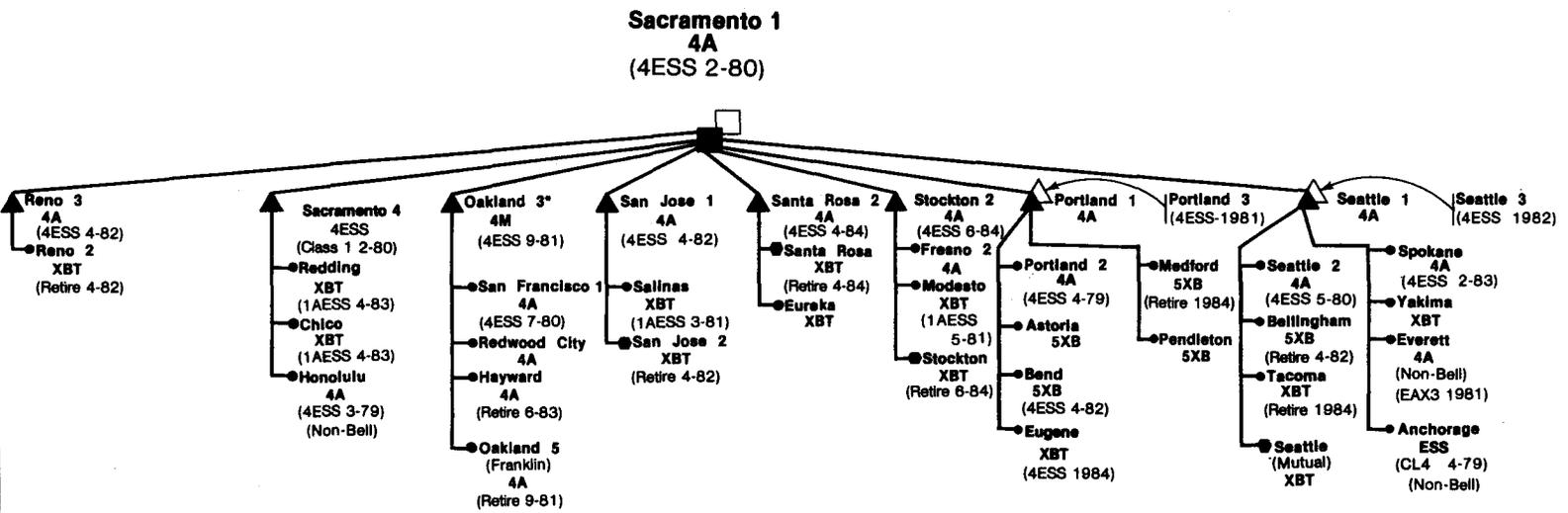
FINAL GROUP

IN SERVICE 12-31-78 _____

PLANNED BY END OF 1984 - - - - -

CONTROL SWITCHING POINTS AND THEIR HOMING ARRANGEMENTS
 (Present & Future Arrangements Through 1984)

(Based On April 1979 Construction Budget View)



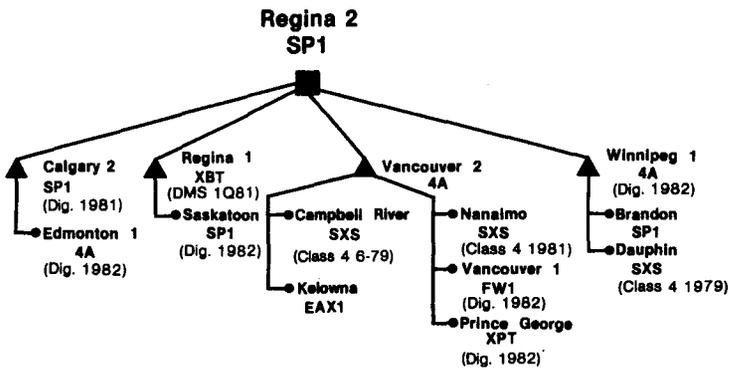
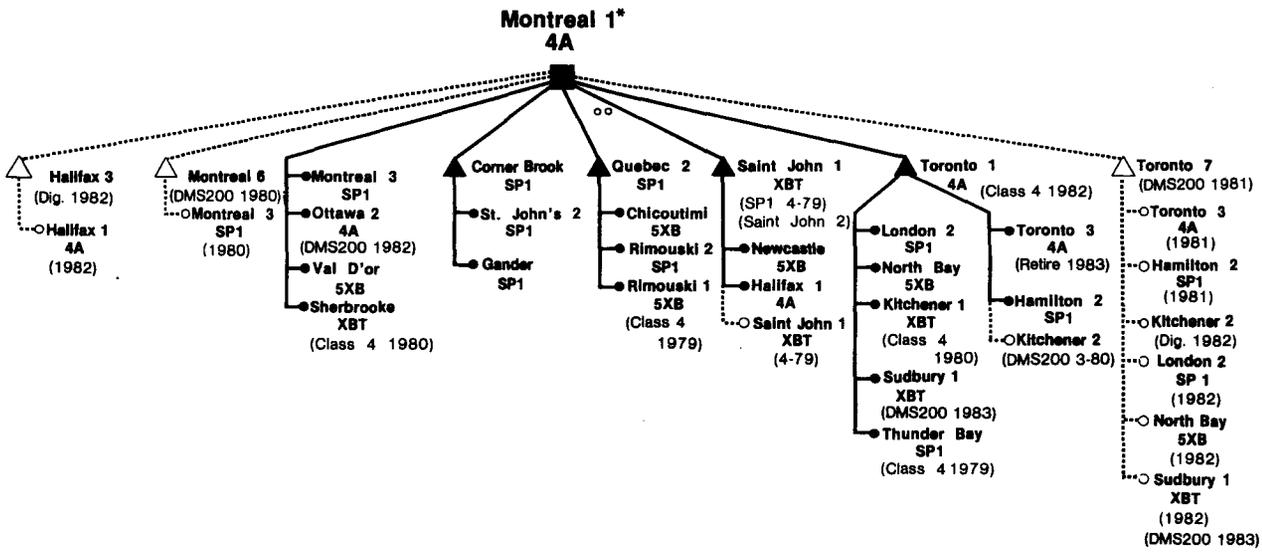
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EXISTING CSP FUTURE

REGIONAL CENTER (CLASS 1) SECTIONAL " (" " 2) PRIMARY " (" " 3) Auxiliary Switching System PLANNED DATE IS SHOWN IN () * INTERNATIONAL SWITCHING CENTER

IN SERVICE 12/31/78
 PLANNED BY END OF 1984
 FINAL GROUP

CONTROL SWITCHING POINTS AND THEIR HOMING ARRANGEMENTS
 (Present & Future Arrangements Through 1984)
 (Based On April 1979 Construction Budget View)



SOME OF THE LOCATIONS HAVE NOT MET ALL OF THE REQUIREMENTS FOR CSP'S OF THE CLASSES SHOWN FOR DISTANCE DIALING. THEREFORE, THE ROUTING, SWITCHING, TRANSMISSION ARRANGEMENTS AND ADEQUACY OF INTERCEPTING FACILITIES SHOULD BE INVESTIGATED BEFORE DISTANCE DIALING IS AUTHORIZED TO GO THROUGH ANY SYSTEM.

EXISTING CSP FUTURE
 REGIONAL CENTER (CLASS 1) SECTIONAL " (" 2) PRIMARY " (" 3) PLANNED DATE IS SHOWN IN ()
 * INTERNATIONAL SWITCHING CENTER

IN SERVICE 12.31.78
 PLANNED BY END OF 1984
 FINAL GROUP

Chart 13

NUMBERING PLAN AREA PRINCIPAL CITIES					
END OF 1978					
AREA CODE	LOCATION	PRINCIPAL CITY MACHINE	AREA CODE	LOCATION	PRINCIPAL CITY MACHINE
201	New Jersey	Newark 2	601	Mississippi	Jackson
202	Dist. of Col.	Washington 3	602	Arizona	Phoenix 1
203	Connecticut	New Haven 4	603	New Hampshire	Manchester
204	Manitoba	Winnipeg	604	British Columbia	Vancouver 2
205	Alabama	Birmingham	605	South Dakota	Sioux Falls
206	Washington	Seattle 1	606	Kentucky	*Cincinnati
207	Maine	Portland 2	607	New York	Binghamton
208	Idaho	Boise	608	Wisconsin	Madison 2
209	California	Stockton 2	609	New Jersey	Camden 2
212	New York	New York 4 & 7	612	Minnesota	*Minneapolis
213	California	*Los Angeles 2	613	Ontario	Ottawa 2
214	Texas	Dallas 1	614	Ohio	Columbus 3
215	Pennsylvania	Wayne	615	Tennessee	Nashville
216	Ohio	Cleveland 2	616	Michigan	*Grand Rapids 1
217	Illinois	Springfield 1	617	Massachusetts	Boston 2 & 9
218	Minnesota	*Minneapolis	618	Illinois	Collinsville
219	Indiana	South Bend 1	701	North Dakota	Fargo
301	Maryland	Baltimore 2	702	Nevada	Reno 3
302	Delaware	Wilmington	703	Virginia	*Richmond
303	Colorado	Denver 1	704	North Carolina	Charlotte
304	West Virginia	Charleston	705	Ontario	*Toronto 1
305	Florida	*Orlando	707	California	Santa Rosa
306	Saskatchewan	Regina	709	Newfoundland	*Montreal 1
307	Wyoming	Cheyenne	712	Iowa	*Omaha, Nebraska
308	Nebraska	*Omaha	713	Texas	Houston 1
309	Illinois	Peoria 2	714	California	*San Bernardino
312	Illinois	Chicago 6	715	Wisconsin	Eau Claire
313	Michigan	*Detroit 1	716	New York	Buffalo
314	Missouri	St. Louis 1	717	Pennsylvania	Harrisburg
315	New York	Syracuse	801	Utah	Salt Lake City 1
316	Kansas	*Kansas City 2	802	Vermont	White River Jct.
317	Indiana	Indianapolis	803	South Carolina	Columbia
318	Louisiana	*Jackson, Mississippi	804	Virginia	Richmond 1
319	Iowa	*Des Moines	805	California	*Los Angeles 2
401	Rhode Island	Providence 4	806	Texas	Amarillo 1
402	Nebraska	*Omaha	807	Ontario	Thunder Bay
403	Alberta	Calgary	808	Hawaii	Honolulu
404	Georgia	Atlanta 1	809	Virgin Island	*Jacksonville, Florida
405	Oklahoma	Oklahoma City		Puerto Rico	
406	Montana	Billings	812	Indiana	Bloomington
408	California	San Jose 1	813	Florida	*Orlando
412	Pennsylvania	*Pittsburgh 1	814	Pennsylvania	*Pittsburgh 1
413	Massachusetts	Springfield 2	815	Illinois	Norway
414	Wisconsin	Waukesha 2	816	Missouri	*Kansas City 2
415	California	Oakland 3	817	Texas	Fort Worth
416	Ontario	*Toronto 1	819	Quebec	*Montreal 1
417	Missouri	Joplin	901	Tennessee	Memphis
418	Quebec	Quebec	902	Nova Scotia	Halifax 1
419	Ohio	Toledo		and Prince	
501	Arkansas	Little Rock		Edward Island	
502	Kentucky	Louisville	903	Mexico	*San Bernardino, Calif.
503	Oregon	Portland 1	904	Florida	*Jacksonville
504	Louisiana	New Orleans 1	905	Mexico	Mexico City
505	New Mexico	Albuquerque	906	Michigan	*Grand Rapids 1
506	New Brunswick	St. John	907	Alaska	*Seattle 1, Washington
507	Minnesota	*Minneapolis	912	Georgia	Macon
509	Washington	Spokane	913	Kansas	*Kansas City 2
512	Texas	San Antonio 2	914	New York	White Plains 2
513	Ohio	*Cincinnati	915	Texas	Sweetwater
514	Quebec	*Montreal 1	916	California	Sacramento 1
515	Iowa	*Des Moines	918	Oklahoma	Tulsa
516	New York	Suffolk	919	North Carolina	Greensboro
517	Michigan	*Detroit 1			
518	New York	Albany 2			
519	Ontario	*Toronto 1			

*Principal City for more than one NPA.

TRAFFIC SERVICE POSITIONS SYSTEM NO. 1 IN SERVICE - END OF 1978

CO.	LOCATION	CLLI	SERVICE DATE	CO.	LOCATION	CLLI	SERVICE DATE
NE	Framingham, MA	FRMNMAUN1EB	6/70	SO	Miami 2, FL	MIAMFLTL1UD	9/69
	Boston (Franklin St.)	BSTNMAFR1EB	4/72		Jacksonville, FL	JCVLFLCL1UD	12/70
	Lawrence, MA	LWRNMACA1EB	8/75		Charlestown, SC	CHTNSCDT1UD	4/71
	Brockton, MA	BRTNMACO1EB	4/76		Rockdale, GA	RCDLGATL1UD	4/71
	Providence, RI	PRVDRIGR1EB	8/76		Raleigh, NC	RLGHNCMO1UD	8/71
	Portland, ME	PTLDMEFO1UD	4/77		Charlotte, NC	CHRLNCCA1UD	11/71
	Worcester, MA	WRCSMAMA1EB	7/77		Ft. Lauderdale, FL	FTLDFLMA1UD	11/71
NY	Albany (State)	ALBYNYSS1UD	1/71		Orlando, Fl	ORLDFLMA1UD	8/72
	Dix Hills (Suffolk 1)	HNTNNYSU01T	5/71		Atlanta NW, GA	ATLNGANW1UD	4/73
	Varick St. (NYC1)	NYCMNYVS1UD	11/72		Pensacola, FL	PNSCFLBL1UD	5/73
	811 Tenth Ave. (NYC2)	NYCMNY5405T	10/73		Ojus 1, FL	OJUSFLTL1UD	7/73
	White Plains 4	WHPLNYWPO3T	1/74		Greensboro, NC	GNBONCEU1UD	1/74
	Syracuse	SYRCNYSU04T	5/76		Ojus 2, FL	OJUSFLTL2UD	8/74
	NJ	Morristown	MRTWNJCE1UD		1/69	Columbia, SC	CLMASCTL1UD
Rochelle Park 1		RCPKNJRO2UD	6/70	Macon, GA	MACNGAMT1UD	2/75	
New Brunswick		NBNKNJNB1UD	6/71	West Palm Beach, FL	WPBHFLAN1UD	9/75	
Camden		CMDNNJCE1UD	4/72	Columbus, GA	CLMBGAMT1UD	12/75	
Newark		NWRKNJO21UD	10/74	Savannah, GA	SVNHGABS1UD	2/76	
Hamilton Sq.		HMSQNJHS01T	4/75	Daytona Beach, FL	DYBHFLMA1UD	10/76	
PA		Philadelphia	PHLAPAMK1UD	10/70	Greenville, SC	CNVLSCTL1UD	1/78
	Wilmington, DE	WLMGDEWL1UD	10/71	Atlanta 51 IVY, GA	ATLNGATL1UD	5/78	
	Pittsburgh	PITBPADG1UD	12/71	SOCN	Memphis, TN	MMPHTNMA1EB	5/70
	Fort Washington	FTWSPAFW1UD	7/74		New Orleans, LA	NWORLAMA1UD	10/70
	Harrisburg	HRBGPAHA1UD	12/75		Nashville, TN	NSVLTNMT1EB	4/71
	Altoona	ALNAPAAL1UD	11/77		Chattanooga, TN	CHTGTNMA1EB	4/72
	C&P	Washington, DC	WASHDCDT1UD		3/69	Jackson, MS	JCSNMSPS1UB
Norfolk(Butte St.), VA		NRFLVABS1UD	9/72		Birmingham, AL	BRHMALMT1UB	6/72
Richmond (Grace St.),VA		RCMDVAGR1UD	9/73		Louisville, KY	LSVLKYCS1EB	4/73
Baltimore, MD		BLTMMDCH1EB	3/74	Knoxville, TN	KNVLTNMA1EB	5/74	
Arlington, VA		ARTNVACK1UD	1/75	Shreveport, LA	SHPTLATL1UD	11/75	
OHIO					Baton Rouge, LA	BTRGLAMA1UD	4/77
					Montgomery, AL	MTGMALMT1UD	4/78
	Cleveland				CLEVOH62AC6	3/71	
	Columbus				CLMBOH11AC3	6/71	
	Dayton				DYTNOH22AC1	2/72	
	Youngstown				YNTWOH021UD	9/72	
Akron	AKRNOH25AC2	11/73					
Toledo	TOLDOH21AC2	5/74					

TRAFFIC SERVICE POSITIONS SYSTEM NO. 1 IN SERVICE - END OF 1978

CO.	LOCATION	CLLI	SERVICE DATE	CO.	LOCATION	CLLI	SERVICE DATE
MICH	Plymouth	PLMOMIFA1UD	7/71	SW	Austin, TX	AUSTTXGRIUD	10/74
	Pontiac	PNTCMIMN1UD	3/75		Wichita Falls, TX	WCFLTXNI1UD	10/74
	Detroit	DTRTMIBH1UD	3/76		Corpus Christi, TX	CRCHTXTU1UD	10/75
	Grand Rapids	GDRPMIBL1UD	5/77		Wichita, KS	WCHTKSBRIUD	4/77
	Saginaw	SGNWMIFA1UD	5/77		Midland, TX	MDLDTXMU1UD	9/77
IND	Bloomington	BLTNINO11EB	8/70		Houston 3 (Weslayan), TX	HSTNTX083UD	1/78
	South Bend	SBNDIN991EB	12/73		Springfield, MO	SPFDMOTLIEB	5/78
	Indianapolis	IPLSINO11EB	11/76		Topeka, KS	TPKAKSJA1UD	8/78
WISC	Waukesha	WKSHWIO21UD	11/73		St. Louis 2, MO	STLSMO092UD	9/78
	Madison	MDSNWI021UD	5/76		Oklahoma City, OK	OKCYOKCE2UD	11/78
ILL	Chicago (Canal)	CHCGILCL1UD	10/71	MTN	Denver, CO	DNVRCOMA1EB	4/71
	Chicago (Wabash)	CHCGILWB2UD	12/73		Colorado Springs, CO	CLSPCOMA1EB	6/72
	Oak Brook	OKBRIL0A3UD	8/74		Albuquerque, NM	ALBQNMMA1UD	5/76
	Northbrook	NBRKILNT4UD	10/75		Salt Lake City, UT	SLKCUTMA1UD	12/76
	Peoria	PEORILPJ41J	11/77		Phoenix, AZ	PHNXAZMA1UD	12/77
	Collinsville	COVLILCL41T	11/78	PNB	Portland, OR	PTLDOR621UD	7/71
					Seattle 1, WA	STTLWASPIUD	9/71
NW	Sioux Falls, SD	SXFLSDCO1EB	11/71	PAC	Redwood City 2	RDCYCA021UD	3/72
	Minneapolis, MN	MPLSMNDT1UD	3/72		San Francisco 1	SNFCCA011UD	3/72
	St. Paul, MN	STPLMNMK1UD	6/72		Los Angeles 3	LSANCA031UD	4/72
	Omaha, NB	OMAAENWIEB	3/75		Anaheim 1	ANHMCA010UD	6/72
	Des Moines, IA	DESMIADTIEB	10/77		Oakland-Franklin 3	OKLDCA031UD	7/72
SW	Houston 1 (Jefferson), TX	HSTNTX011UD	2/70		San Diego 2	SNDGCA021UD	6/73
	Dallas 1, TX	DLLSTXTL1UD	4/70		Sherman Oaks 2	SHOKCA029UD	7/73
	Fort Worth 1, TX	FTWOTXEDB1T	1/71		Sherman Oaks 3	SHOKCA038UD	10/74
	San Antonio 1, TX	SNANTXCA1UD	5/71		Reno 3, NV	RENONVO21UD	3/75
	St. Louis, MO	STLSMO091UD	8/71		Anaheim 3	ANHMCA012UD	4/78
	Kansas City, MO	KSCYMO091UD	9/71	Gardena 4	GRDNCA024UD	4/78	
	Oklahoma City, OK	OKCYOKCE1UD	9/71	SNE	Bridgeport	BRPTCT021EB	1/71
	Dallas 2, TX	DLLSTXTL3UD	11/71		Norwalk	NRWLCT021EB	6/71
	Houston 2 (Jefferson) TX	HSTNTX012UD	12/72		New Haven #2	NWHNCT021EB	7/72
	Longview, TX	LGVWXTL1UD	4/73		Hartford #3	HRFRCT031EB	9/74
	Tulsa, OK	TULSOKTB1UD	12/73		CINN	Cincinnati	CNCNOHWSIEB
	Little Rock, AR	LTRKARFR1UD	5/74				

TRAFFIC SERVICE POSITIONS SYSTEM NO. 1 IN SERVICE - END OF 1978

CO.	LOCATION	CLLI	SERVICE DATE	CO.	LOCATION	CLLI	SERVICE DATE
Non-Bell	Tampa 2, FL	TAMPFLXA02T					
	Tampa 3, FL	TAMPFLXA03T					
	Park Ridge, IL	PRRGILXLIUD					
TCTS	Vancouver, B.C.	VANCBC011EB	11/74				
	Brandon, MB*	BRNDMB0202T	10/75				
	Edmonton, AB*	EDTNAB0202T	03/77				
	Saskatoon, SK*	SKTNSK011EB	04/77				
	Red Deer, AB*	RDDRAB0102T	07/77				
	Montreal 4, PQ*	MTRLPQ5804T	12/77				
	Toronto 5, ON*	TOROON6305T	2/78				
	Toronto 6, ON*	TOROON6306T	2/78				
	Lethbridge, AB*	LTBRAB0202T	4/78				
	Winnipeg, MB*	WNPGMB0102T	4/78				
	Calgary, AB*	CLGRAB2103T	6/78				
	New Westminster, BC	NWNRBC0101T	9/78				
	Thompson, MB*	THSNMB0102T	10/78				
	*Traffic Operator Position System						

Chart 15

**NEW TRAFFIC SERVICE POSITIONS SYSTEM NO. 1 IN-SERVICE - 1979-1984
(BASED ON APRIL 1979 CONSTRUCTION BUDGET VIEW)**

CO.	LOCATION	CLLI	GENERIC	SHIP DATE	SERVICE DATE
NE	White River Jct., VT	WRJCVTGAVIT	8	7/78	5/79
NY	New York - East (Williamsburg)	NYCKNYWM----	8	9/78	9/79
	Mid-Nassau (Hempstead)		8	2/78	3/79
	Buffalo		10	2/79	7/80
C&P	Charleston, WV	CHTNWVLEA00	9	3/81	2/82
SOCN	Winchester, KY	WNCHKYMA1EB	8	7/79	5/80
NW	Fargo, ND	FARGNDBC1EB	8	4/79	3/80
SWB	Little Rock 2, AR		10	8/80	3/81
	San Antonio 2, TX		1BT1	5/79	4/81
	Houston 4, TX		10	9/80	7/81
MTN	Tucson, AZ		9	8/78	7/79
	Billings, MT		8	1/79	3/80
	Salt Lake City 2, UT		9	2/80	1/81
PNB	Portland 2, OR		8	11/78	12/79
PAC	San Jose	SNJSCA021UD	7	6/78	3/79
	Los Angeles 5	LSANCA015UD	8	8/78	4/79
	Sacramento	SCRMCA011UD	7	4/78	4/79
	San Diego 4	SNDGCA023UD	8	4/79	1/80
	Gardena 6	GRDNCA026UD	8	4/79	4/80
	Oakland	OKLDCA032UD	8	6/79	4/80
	Anaheim 5	ANHMCA014UD	9	7/80	4/81
	Gardena 7	GRDNCA027UD	9	5/80	4/81
	San Francisco	SNFCCA012UD	10	5/80	4/81
	Santa Rosa	SNRSCA021UD	9	3/80	4/81
	Fresno	FRSNCA011UD	1BT1	3/80	6/81
	San Jose	SNJSCA022UD	10	5/81	2/82
	Oakland	OKLDCA033UD	10	5/81	4/82
	Stockton	SKTNCA011UD	10	2/81	4/82
	213 NPA Unit #8		10	5/81	4/82
	San Jose	SNJSCA023UD	10	5/82	2/83
	Sacramento	SCRMCA012UD	10	3/82	4/83
San Francisco	SNFCCA013UD	10	6/82	4/83	

Chart 15

NEW TRAFFIC SERVICE POSITIONS SYSTEM NO. 1 IN-SERVICE - 1979-1984
 (BASED ON APRIL 1979 CONSTRUCTION BUDGET VIEW)

CO.	LOCATION	CLLI	GENERIC	SHIP DATE	SERVICE DATE
Non-Bell CANADA	Medicine Hat, AB* Vegreville, AB* Stettler, AB Kelowna, BC Penticton, BC Corner Brook, NF* Hamilton, ON* Thunder Bay, ON* Montreal, PQ* Quebec, PQ* Kingston, ON* Camrose, AB* Ottawa, ON* Regina, SK* Saskatoon, SK* St. John's, NF* Halifax, NS* *Traffic Operator Position System				1/79 4/79 1979 1979 1979 1979 1979 1979 1979 1979 1980 1981 1981 1981 1981 1981 1982 1982

DISTANCE DIALING COORDINATING COMMITTEE

AT&T	Network Implementation Planning	Basking Ridge	K.L. Hanson	201-221-3875
	Fundamental Network Planning	Basking Ridge	M.J. Stefanik	201-221-4697
	Intercity Systems & Technology Planning	Basking Ridge	L.J. Ackerman	201-221-4877
	Exchange Systems Design	Basking Ridge	W.S. Hinckley	201-221-4873
	Network Switching Engineering	Basking Ridge	T.J. Harding, Jr.	201-221-4680
	Central Office & Maint. Engineering	Basking Ridge	C.A. Pfitzinger	201-221-4850
	Central Office Maintenance	Basking Ridge	L.A. Ratliff, Jr.	201-221-4729
	Network Administration	Basking Ridge	R.S. Schulz	201-221-4778
	Bell Independent Relations	New York City	J.L. Macher	212-393-2691
LL	Switching Planning	Bedminster	R. Lehle	201-234-4632
	Switching Implementation	Bedminster	M.J. Garcia	201-234-4906
	Overseas-Canadian Relations	Bedminster	R.F. Elson	201-234-7888
	Overseas	Bedminster	R.E. Williams	201-234-7884
BTL	Toll Switching Engineering	Holmdel	P.K. Bohacek	201-949-5497
WECO	Program Planning	Newark	J. Porcello	201-468-4060

DISTANCE DIALING COORDINATORS AS OF APRIL 1, 1979

CO.	AREA	LOCATION	COORDINATOR	TELEPHONE NO.	CO.	AREA	LOCATION	COORDINATOR	TELEPHONE NO.	
NE	Staff	Boston	H. Freese	617-743-4835	NW	Staff	Omaha	L. D. Reed	402-422-2274	
	Massachusetts	Framingham	E. B. Scheipers	617-879-9279		Minnesota	Minneapolis	J. S. Oakes	612-344-6118	
	Northern States	Manchester	G. A. Faneuf	603-645-3325		Iowa	Des Moines	K. L. Powell	515-286-6948	
	Rhode Island	Providence	P. A. O'Brien	401-525-2424	Nebraska	Omaha	J. D. Harris	402-422-2379		
NY	Staff	New York	A. B. Bortz	212-868-8590	South Dakota	Sioux Falls	D. L. Warner	605-339-5386		
	Network Operations	New York	J. R. Bryant	212-370-2810	North Dakota	Fargo	L. J. Smith	701-241-3629		
NJ	-	East Orange	E. Sellars	201-672-7190	SW	Corp. Staff	St. Louis	D. L. Duncan	314-247-8237	
PA	Staff	Philadelphia	L. C. Franks	215-466-2386		Arkansas	Little Rock	J. Zanoff	501-371-5123	
	Eastern & Delaware	Philadelphia	H. A. Fischer	215-466-4377		Kansas	Topeka	J. E. Ayers	913-296-8791	
	Central	Harrisburg	A. H. Peters	717-255-4582		Missouri - West	Kansas City	W. M. Schmit	816-275-8510	
	Western	Pittsburgh	R. S. Stoker	412-633-4783		Missouri - East	St. Louis	F. F. Stieffermann	314-247-4469	
C&P	Staff	Washington	M. E. Ricketts	202-493-3680		Oklahoma	Oklahoma City	F. W. Kamp	405-236-7258	
	Washington	Washington	M. J. Dumas	202-392-3111		Texas - Staff	Dallas	K. Thompson	214-464-8549	
	Maryland	Baltimore	E. M. Fields	301-393-7070	Dallas	Dallas	C. V. Looper	214-464-3836		
	Virginia	Richmond	R. B. Prosize	804-772-7070	Houston	Houston	C. D. Johnson	713-521-8304		
	West Virginia	Charleston	G. H. Guinn	304-344-6572	San Antonio	San Antonio	J. L. Zumwalt	512-222-3909		
SO	Hq. Staff	Atlanta	C. Perkins, Jr.	404-529-8557	MTN	Staff	Denver	F. E. Marick	303-779-7120	
	Florida Staff	Miami	E. M. Kennedy	305-263-2941		Arizona	Phoenix	A. H. Hall, Jr.	602-263-1976	
	North Florida	Jacksonville	R. W. Williams	904-353-2576		El Paso	El Paso	D. H. Becker	915-542-4455	
	South Florida	Miami	H. N. Ivestor	305-263-2342		Colorado	Denver	P. L. Cronin	303-624-7657	
	Southeast Florida	Ft. Lauderdale	H. L. Reynolds	305-776-3506		Idaho	Boise	E. A. Stafford	208-385-2986	
	Georgia - Metro	Atlanta		404-391-2557		Montana	Helena	L. C. Stetzner	406-449-3230	
	Georgia - Outstate	Atlanta	T. J. Smith	404-391-2559	New Mexico	Albuquerque	J. L. Baker	505-765-7454		
	North Carolina	Charlotte	G. K. Robinson	704-377-8726	Utah	Salt Lake City	S. M. Carlson	801-237-6428		
	South Carolina	Columbia	W. A. Humphries	803-799-9872	Wyoming	Cheyenne	T. E. Armstrong	307-635-2726		
	SOCN	Staff	Birmingham	W. C. Williams	205-321-8529	PNB		Seattle	G. D. Frampton	206-345-4060
Alabama		Birmingham	A. S. Williams	205-877-5612	PAC		Staff	San Francisco	D. R. King	415-542-0803
Kentucky		Louisville	A. P. Crump	502-582-8719			Northern Sector	Sacramento	O. G. Sasse	916-648-5060
Louisiana - NW		New Orleans	L. A. LaRocca	504-831-4894			Southern Sector	San Diego	L. R. Rarick	714-238-2655
Mississippi		Jackson	G. L. Robertson	601-961-1606			Bay Sector	San Francisco	R. G. Tinch	415-542-1656
Tennessee		Nashville	V. E. Matthews	615-298-7470			Los Angeles Sector	Pasadena	W. A. Gowen	213-578-4046
				Nevada		Reno	W. A. Hohn	702-789-6582		
OHIO	-	Cleveland	J. J. Zubay	216-822-8809	LL	Staff - Implementation	Bedminster	M. J. Garcia	201-234-4906	
MICH	-	Southfield	K. A. Killoran	313-424-0130		Northeastern	White Plains	R. F. Wilhelm	914-320-2263	
	-					NYC	New York	M. J. Washington	212-334-6578	
IND	-	Indianapolis	W. E. Beville	317-265-3959		Central	Chicago	J. W. Duncan	312-885-8500	
	-					Southern	Atlanta	W. H. Watts	404-529-2641	
WISC	-	Milwaukee	P. B. Cramton	414-678-2164		Midwestern	Kansas City	H. W. Townsend	816-391-2423	
	-					Eastern	Washington, DC	J. L. Torbert	202-457-2030	
ILL	-	Chicago	R. L. McDowell	312-727-6193		Western	San Francisco	F. J. Curran	415-442-2226	
	-					Non-Bell TCTS				
SNE	-	New Haven	D. A. Foster	203-771-8545	Trans-Canada Tel. Sys.		Ottawa	L. H. W. deLauney	613-560-3185	
CINN	-	Cincinnati	W. P. Keidel	513-397-4151						

Chart 17

IDD INTER-DEPARTMENTAL COORDINATORS AS OF APRIL 1, 1979

CO.	COORDINATOR	TELEPHONE NO.	REMARKS
NE	M. L. Walsh	617-743-7537	
NY	R. A. Deraska (Mrs.) J. C. Telesco R. A. Wilkin	212-399-803 212-239-0378 212-239-0168	IOTC Coordinator IDDD Coordinator Overall ICH Coordinator
NJ	R. C. Harrison	201-649-3292	
PA	E. Durrwachter M. Saunders	215-466-4660 215-466-3000	Overall Co. & Engrg. Operations
C&P	H. L. Warren M. G. Thompson, Jr. D. C. Michaelis, Jr. W. D. Cauley W. C. Hogue	202-392-2602 202-392-5205 301-393-2881 804-772-5791 304-344-7686	Overall Coordinator Washington Maryland Virginia West Virginia
SO	J. B. Grainger C. Perkins	404-529-8108 404-529-8557	IOTC IDDD
SOCN	W. C. Williams R. T. Mason	205-321-8529 205-321-8494	Overall Coordinator Traffic Matters
OHIO	J. Zubay	216-822-8809	
MICH	H. J. Meitz	313-424-0537	
IND	R. C. Harold	317-265-2999	
WISC	C. H. Weaver	414-678-2256	
ILL	K. E. Gerler	312-727-2963	
NW	W. O. Pehrson	402-422-3312	
SW	R. L. Smith J. R. Toland	314-247-4029 314-247-8171	
MTN	L. E. Yeates	303-624-8717	
PNB	H. L. Fellingge	206-345-2660	
PAC	T. W. Powers	415-542-1238	
LL	D. Turner J. Cardinal H. Bontemps T. B. Washburn R. N. Stein R. Sherman H. P. Hart E. M. Lubahn	201-234-7780 914-320-2603 212-334-3325 412-227-7710 904-350-5141 312-855-8857 816-391-2866 303-233-3634	Headquarters Northeastern Area New York City Area Eastern Area Southern Area Central Area Midwestern Area Western Area
SNE	J. J. Collins	203-771-6863	IDDD
CINN	W. L. Reeves	513-397-2231	
AT&T	J. R. DeLeon, Jr. N. K. Wickham J. V. Murphy L. M. Habersatter W. R. Micou J. D. Simley W. R. Teague A. P. Corsico R. Keevers	201-221-4720 201-221-3522 201-221-3959 201-221-4754 201-699-7655 201-221-6618 201-221-4870 201-221-6261 201-949-5388	Network Planning Operator Services Resident Office Oper. Network Maintenance Comptrollers - CRIS Public Relations Network Design Marketing Bell Laboratories
TCTS	W. H. Snuggs L. H. W. deLauney	613-560-3101 613-560-3185	IOTC Engineering Matters

SUMMARY OF TOLL SWITCHING SYSTEMS BY TYPE AND CLASS – END OF 1978

Type	4ESS				4XB				1/1A ESS			XBT			5XB		SXS		TOTAL				
	1	2	3	4	1	2	3	4	2	3	4	2	3	4	3	4	3	4	1	2	3	4	Tot.
NE						3	7				2		5	13		16		31		3	12	62	77
NY		1	1		1	2	6	4			1		18	39	1	22		11	1	3	26	77	107
NJ				1		2	5	1			2		3	10		5				2	8	19	29
PA	1			1	1	2	5				4		2	10	2	13		12	2	2	9	40	53
C & P			1			4	4				6		1	6	1	21		3		4	7	36	47
SO		1	1	1	1	5	8	4			3	6	1	4	3	20		15	1	6	16	50	73
SOCN		1	1			5	3	1			1	6	3	1	6	34		7		6	14	49	69
OHIO			1			1	5	1			2		3	3		10		9		1	9	25	35
MICH						2	5	1			3		1	10	1	4		7		2	7	25	34
IND						3					4		2			7		6		3	2	17	22
WISC						1	2		1		3		1	3	2	3		7		2	5	16	23
ILL			1	1*	1	3	4	1			1	2	2	10		12			1	3	8	26	38
NW						4	1				3	6	4	3	7	27		20		4	15	56	75
SW	1	2			1	3	9	1			5	13	2	6	4	3	38		17	2	7	23	73
MTN		1			1	4	4	3	1	3	1		1	2	2	13		22	1	6	10	41	58
PNB						2	3				1		4		5	5		7		3	13	13	29
PAC		1	1		2	7	8	4			3		12	8	1	9		18	2	7	21	42	72
BELL OPR CO	2	7	7	4	8	53	79	21	2	16	65	2	69	126	34	259		192	10	64	205	667	946
SNE						1	2				8			9		1		6		1	2	24	27
CINN						1								1		1		1		1		3	4
NON-BELL*				1			5	6			10			8		90	3	336			8	451	459
TCTS					1	3	4					2	4	9	5	59	4	71	1	5	17	139	162
TOTAL	2	7	7	5	9	58	90	27	2	16	83	4	73	153	39	410	7	606	11	71	232	1284	1598
TYPE TOTAL	21				184				101			230			449		613						

NOTES: Source – Charts 3-9 For The 50 States Plus Canada (TCTS)

* 50 States

* Selective Routing Tandem

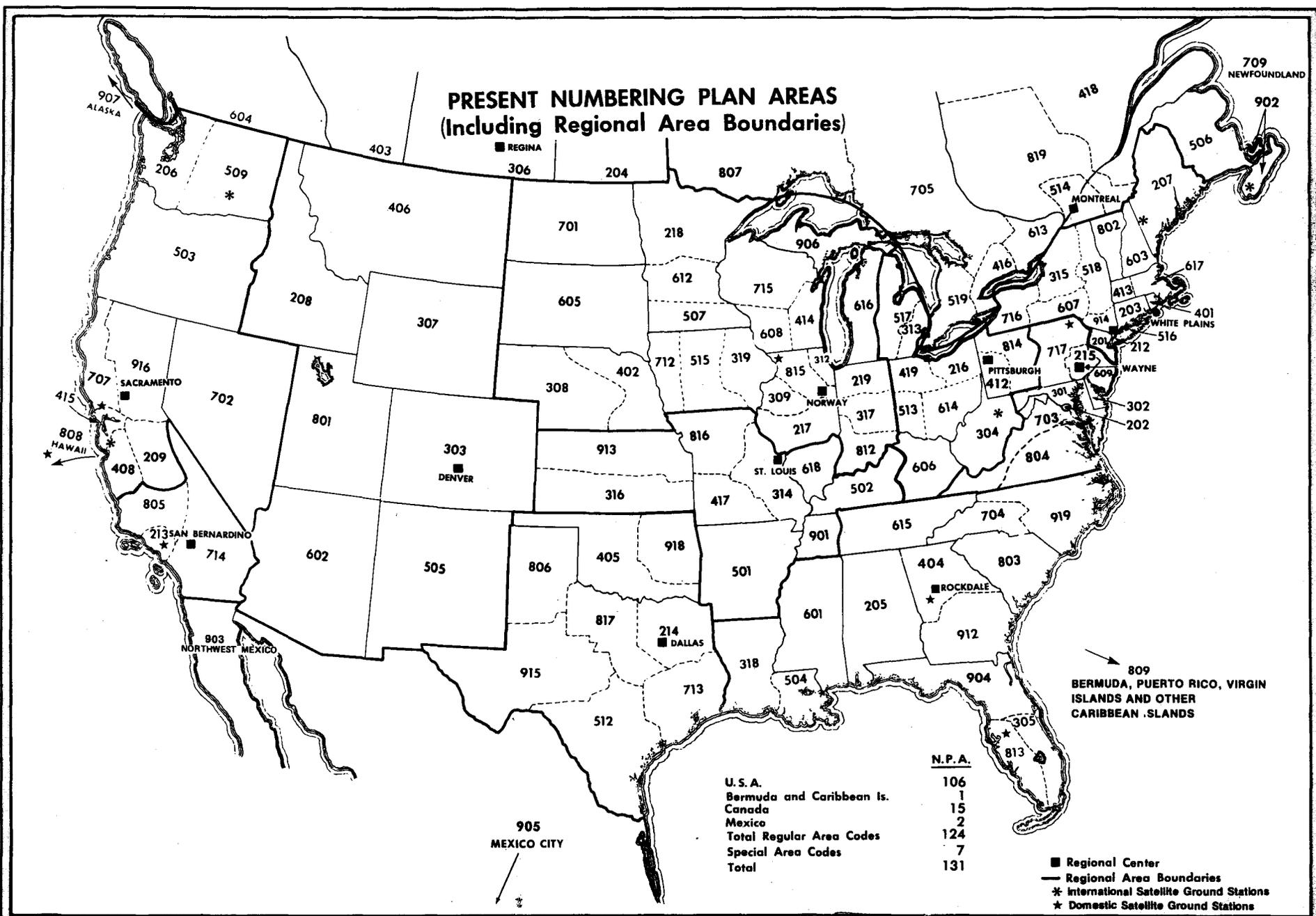
φ Other Type Switching Systems

NON-BELLφ			4	60	64
TCTSφ	1	3	8	5	17
TOTAL	12	74	244	1349	1679

Notes Associated With Charts 3-10

Note 1	Charts 3-10	SRT	Selective Routing Tandem
		A or AUX	Auxiliary Switching System – an office not recognized in the Switching Plan for Distance Dialing as either a toll center or point.
		T or TO	Toll Only – an office that does not also serve as an end office, Class 5; does not switch local tariffed traffic; or does not terminate a trunk group from an operating unit for completion of O-traffic.
		LCL	Local only
Note 2	Charts 3 & 5	Machine Responsibility	
		T	Traffic Engineering
		E	Equipment Engineering
		A	Machine Administration
		M	Machine Maintenance
		C	Operating Telephone Company
L	Long Lines		
Note 3	Chart 6	Location – If two or more units (marker groups) with different names are located in the same building, these are indicated by alternating symbols (*) or (#) after the names.	
Note 4	Charts 7A, 8A & 9	Manufacturer	
		1	Automatic Electric
		2	Automatic Electric Ltd. Canada
		3	Fujitsu Ltd.
		4	Hitachi Ltd.
		5	International Telephone and Telegraph (ITT)
		6	ITT Federal
		7	ITT Kellogg
		8	ITT Telecom Division
		9	Nippon Electric Co.
		10	North Electric Co.
		11	Northern Electric Co. – Canada
		12	Northern Telecom
		13	Oki Electric Ind. Co.
		14	Seimens
		15	Stromberg-Carlson
		16	United States Instrument
		17	Vidar Division of TRW
18	Ericsson		

PRESENT NUMBERING PLAN AREAS (Including Regional Area Boundaries)



905
MEXICO CITY

N.P.A.	
U.S.A.	106
Bermuda and Caribbean Is.	1
Canada	15
Mexico	2
Total Regular Area Codes	124
Special Area Codes	7
Total	131

- Regional Center
- Regional Area Boundaries
- * International Satellite Ground Stations
- ★ Domestic Satellite Ground Stations

809
BERMUDA, PUERTO RICO, VIRGIN ISLANDS AND OTHER CARIBBEAN ISLANDS