TRAFFIC ROUTING GUIDE

American Tel. & Tel. Co.
Long Lines Traffic Dept.

CONTENTS

Printed in U. S. A.

ISSUED: May 2, 1975

TRAFFIC ROUTING GUIDE

SPECIAL NOTICE

The General Instructions of the Traffic Routing Guide have been revised to include the following:

Section	2(f)	Inward WATS Originating Screening Offices
"	6(a)	IOTC Access Trunk Codes
"	9(c)	International Access Codes
"	10(Item A & E)	Eleven digit Common Language Location Identification Code (CLLI) For Toll Centers, Toll Points and Terminating Tandems.
"	" (Item F)	Removal of Intertoll Routes excluding dependent points.
"	"	Vacant Codes per NPA

Revisions to the various sections of the guide should be reported by the following:

Section	Associated Company		Long Lines
2(a)	√		√
2(f)	√	*or	√
3	√		√
5	√	*or	√
9(c)	Overseas Personnel		√
10(g)	√	*or	√
All other	√		

*Determined by the company preparing the routing instructions for the machine.

ISSUED: October 29, 1971

PURPOSE AND USE OF THE TRAFFIC ROUTING GUIDE

GENERAL

The Traffic Routing Guide is published by the Long Lines Traffic Routing Engineer at Kansas City. The Guide consists of sections that contain various routing information used in interconnecting offices of both the Bell System and Independent Companies. Use of the Guide is as follows:

(a) Traffic - used to prepare multileaf bulletins, under glass bulletins, supplementary material, translator cards, cross-connection orders and ETS translation in advance of effective dates.

Network Management - used to verify routing patterns and to investigate network troubles.

(b) Plant - used in connection with service improvement effort as it applies to the DDD, TWX Switching Plan and other general switched network services.

(c) Bell Labs - used for reference purposes.

(d) Office of Long Lines Traffic Routing Engineer - used by the Operating Rate and Route Guide group to determine routing changes. Used by Distance Dialing Reference Guide group to make checks of information. Used by the Long Lines Routing Plan group to determine future changes involving toll switching offices.

Information relative to additions, changes and deletions is furnished by the Associated Companies, Long Lines and American Telephone and Telegraph Company - Operations - Traffic to the Long Lines Traffic Routing Engineer. The material in the Guide is kept up-to-date by small daily issues of the sheets affected by changes. Urgent changes are furnished to the Bell System by means of numbered Special Broadcasts sent over the Official Administrative - Data Network.

DISTRIBUTION OF THE GUIDE

The Traffic Routing Guide is distributed to traffic personnel of the Associated Companies and Long Lines who are responsible for routing matters. In addition, copies of the Guide or sections of the Guide are distributed to other departments and Bell System organizations based upon individual need. The number of copies printed is held to a minimum in order to control the expense associated with rapid reproduction of pages on a daily basis.

Copies may be ordered by letter addressed to:

Long Lines Traffic Routing Engineer (TRG)
American Telephone and Telegraph Company
811 Main Street, Room 681
Kansas City, Missouri 64141

Copies of extra or missing issues or pages should be ordered by filling out the Transmittal Form which is attached to all issues and mailing it to the above address. In addition, the Transmittal Form may be used for ordering Forms TAW-245, TAW-246 and TAW-266 and for reporting changes in address or the number of copies required.

XIf there are any questions pertaining to the Guide they may be referred to 816 391-2473 or X816 391-3633.

EXPLANATION OF SYMBOLS AND ABBREVIATIONS

7D	Seven Digits. Code to be shown for all cities which have a 2L+5 Digit or an All Number Calling (ANC) subscriber numbering plan.
49+	Indicates the arbitrary digits which an office must receive to complete calls to the subscribers' numbers. These digits are not dialed on calls to operators.
221	Used with the above 7D to indicate central office codes for all 7 Digit Offices.
X[221]	Indicates all new or discontinued central office codes or codes involved in rehomings.
(4,5,6)	Shown after the office name to indicate the subscriber numbering plan is not 7D and may be mixed as 4, 5 and 6 digits.
√9	Check 9. √followed by one or more numerals indicates the thousand series in which coin telephones are located.
√	√ not followed by one or more numerals indicates all collect calls are to be checked. The absence of a √indicates no checking required.
(directing digit 2)	The first one or two digits in a five or six digit office.
X	Indicates a listing which has been changed from the previous issue.
+	Continue dialing.
*	Shown in the Dial Code column to indicate a dial or rd trib which does not follow standard operating procedure. All calls to these non-standard offices requiring the assistance of an operator are routed to the 121 operator at the toll center.
rd	Indicates those tributaries of a toll center at which connection to numbers is made by the tributary operators and from which cord lamp supervision is not returned to the toll center. This symbol is included in the ORRG.
RD	Ringdown. Shown in Dial Code column to indicate a toll center which is not dial on an intertoll basis.
Complete 7D	Phrase used to indicate a toll center and all of its tributaries have complete 7D numbering.
(Skip NPA)	Indicates that the NPA Code is not required by the office indicated for the completion of calls.
X★	Shown after the TC code indicates directory assistance for the Toll Center is reached at a centralized location within its NPA, i.e. NPA+ 131.

NOS./T.C.	Numbers & Toll Center. Indicates code used to reach subscribers at the terminating toll center followed by the code used to reach the toll center.
X	
X	
(thru ----)	Indicates a tributary office for which no individual code is provided but which can be reached thru the distant office.
RC, SC, PC, TC	Regional Center (Class 1C), Sectional Center (Class 2C), Primary Center (Class 3C), and Toll Center (Class 4C).
RP, SP, PP, TP	Regional Point (Class 1P), Sectional Point (Class 2P), Primary Point (Class 3P), and Toll Point (Class 4P). An office or switching system designated "Point" indicates that the inward operator services are performed in another location.
CSP	Control Switching Point.
NPA	Numbering Plan Area.
Reserved	Used in Section 9 to indicate codes which are being held for new assignment.
Spare	Used in Section 9 to indicate codes which are available as toll center type codes.
C.O. Codes	Central Office Codes.
-cc-	Code Conversion.
-P	Preassigned C.O. Code for TWX.
C.O. Code	Underlining indicates a TWX C.O. Code serving 5 or less subscribers.
SAC	Special Area Code.
$	Symbol used on Form TAW-266 to indicate a listing is for Associated Company use only and not to be published in the TRG.
ds.	Discontinue.

ABBREVIATIONS FOR TWX SWITCHING PLAN SERVING OFFICES

	OFFICE	ABBR.
X	Abilene, Tex.	Abln
	Akron, Ohio	Akr
	Albany, N.Y.	Alby
	Albuquerque, N.M.	Albq
	Anaheim, Calif.	Anh
	Ann Arbor, Mich.	Ann
	Asbury Park, N.J.	A Pk
	Atlanta, Ga. (PO)	Atla(PO)
	Atlanta, Ga. (SO)	Atla(SO)
X		
	Bakersfield, Calif.	Bkfd
	Baltimore, Md.	Balt
	Birmingham, Ala.	Bham
	Bismarck, N.D.	Bis
	Boston, Mass.	Bos
	Boulder, Colo.	Bdr
	Buffalo, N.Y.	Buf
	Caldwell, N.J.	Cldw
	Casper, Wyo.	Cpr
	Center Line, Mich.	Cen
	Charleston, S. C.	Chas-S
	Charleston, W.Va.	Chas
	Charlotte, N.C.	Chlot
	Chicago, Ill.	Cgo
	Cincinnati, Ohio	Cin
	Cleveland, Ohio	Clev
	Colorado Springs, Colo.	Col Sp
	Colton, Calif.	Cltn
	Columbia, S.C.	Clba
	Columbus, Ohio	Cols
	Cumberland, Md.	Cumb
	Dallas, Tex. (PO)	Dls(PO)
	Dallas, Tex. (SO)	Dls(SO)
	Danbury, Conn.	Danb
	Dayton, Ohio	Dayt
	Decatur, Ala.	Dec
	Denver, Colo.	Dnvr
	Des Moines, Ia.	Des M
	Detroit, Mich.	Det(SO)
	Detroit, Mich.	Det(TO)
	Easton, Md.	Estn
	El Paso, Tex.	El P
	Englewood, N.J.	Engl
	Escanaba, Mich.	Esc
	Fairmont, W.Va.	Frmt
	Flint, Mich.	Flt
	Fort Collins, Colo.	Ft C
	Fort Worth, Tex.	Ft Wh
	Fresno, Calif.	Frs

	OFFICE	ABBR.
X	Gadsden, Ala.	Gads
	Grand Island, Neb.	G Is
	Grand Junction, Colo.	G Jct
	Grand Rapids, Mich.	G Rps
	Great Falls, Mont.	Gt Fs
	Greelev, Colo.	Grly
	Greenville, S.C.	Gnvl
	Hackensack, N.J.	Hkk
	Hagerstown, Md.	Hgrstn
	Hartford, Conn.	Hfd
	Havre de Grace, Md.	H de G
	Helena, Mont.	Hln
	Houston, Tex.	Hous
	Huntsville, Ala.	Htvl-A
	Indianapolis, Ind.	Ipls
	Inglewood, Calif.	Ingl
	Jackson, Mich.	Jkn-M
	Jackson, Miss.	Jkn
	Jacksonville, Fla.	Jkvl
	Jonesboro, Ark.	Jnbo
	Kalamazoo, Mich.	Kzoo
	Kansas City, Mo.	K C
	Knoxville, Tenn.	Kxvl
	Lansing, Mich.	Lans
	Little Rock, Ark.	L R
	Livonia, Mich	Lva
	Los Angeles, Calif.	L A
	Louisville, Ky.	Lsvl
X	Mason City, Ia.	Ma Cy
	Memphis, Tenn.	Memp
	Miami, Fla.	Mmi
	Milwaukee, Wis.	Milw
	Minneapolis, Minn.	Mpls
	Mobile, Ala.	Mobi
	Montgomery, Ala.	Mtgy
	Morristown, N.J.	Mrstn

ABBREVIATIONS FOR TWX SWITCHING PLAN SERVING OFFICES

OFFICE	ABBR.	
Nashville, Tenn.	Nhvl	
Newark, N.J.	Nwrk	
New Brunswick, N.J.	N Bwk	
New Haven, Conn.	N Hn	
New London, Conn.	N Ln	
New Orleans, La.	N O	
New York City, N.Y. (PO)	N Y (PO)	
New York City, N.Y. (SO)	N Y (SO)	
Niles, Mich.	Niles	
North Platte, Neb.	N Plt	
Oakland, Calif.	Oak	
Oklahoma City, Okla.	Ok Cy	
Omaha, Neb.	Oma	
Orange, N.J.	Org	
Orlando, Fla.	Orl	
Oshkosh, Wis.	Osh	
Palo Alto, Calif.	P A	
Passaic, N.J.	Pas	
Paterson, N.J.	Pat	
Perth Amboy, N.J.	P Am	
Philadelphia, Pa.	Phla	
Phoenix, Ariz.	Pnx	
Pine Bluff, Ark.	P B	
Pittsburgh, Pa.	Pitb	
Pocatello, Ida.	Poca	
Portland, Ore.	Ptld	
Pueblo, Colo.	Pblo	
Red Bank, N.J.	Red B	
Reno, Nev.	Reno	
Richmond, Va.	Rich	X
Rockaway, N.J.	Rock	
Roselle, N.J.	Rsl	
Roswell, N.M.	Ros	
Royal Oak, Mich.	Roy	

OFFICE	ABBR.
Sacramento, Calif.	Sac
Saginaw, Mich.	Sag
St. Louis, Mo.	St L
Salt Lake City, Utah	S Lk
San Antonio, Tex.	S A
San Diego, Calif.	S D
Sandusky, Ohio	Sdky
San Francisco, Calif.	S F
San Jose, Calif.	S J
San Luis Obispo, Calif.	S L O
Seattle, Wash.	Seat
Severna Park, Md.	Sev Pk
Sheffield, Ala.	Shef
Sioux City, Ia.	Sx Cy
Sioux Falls, S.D.	Sx Fs
Southfield, Mich.	Sofd
South San Francisco, Calif.	S S F
Stamford, Conn.	Stam
Stevens Point, Wis.	S Pt
Sunnyvale, Calif.	Snva
Syracuse, N.Y.	Syr
Toledo, Ohio	Tol
Traverse City, Mich.	Trv Cy
Tucson, Ariz.	Tsn
Tulsa, Okla.	Tulsa
Tuscaloosa, Ala.	Tusca
Union City, N.J.	Un Cy
Unionville, N.J.	Unvl
Washington, D.C.	Wash
Westfield, N.J.	Wsfd
Wheeling, W. Va.	Whlg
White Plains, N.Y.	Wh P
Wichita, Kan.	Wich

DETAILED INSTRUCTIONS FOR USE OF THE GUIDE

Each Associated Company and Long Lines area regularly furnishes the Long Lines Traffic Routing Engineer in Kansas City with information regarding the dialing arrangements in its area. The Long Lines Routing Engineer coordinates this information and makes it available to all of the Companies by means of the Traffic Routing Guide and various other publications. The Guide is revised daily to reflect changes. Approximately twenty-five pages are issued and are accompanied by a transmittal form and check sheets. Old pages which have been superseded should be removed and replaced with the revised copies. The symbol X preceding a listing indicates a change has been made from the previous issue. Comparison of old and new pages while both are available facilitates the correction or change of records. The date of issue is shown in the lower right corner of all pages and the revision number in the upper right corner.

The Guide is divided into Sections numbered 1 thru 16. Following is a detailed description of each Section contained in the Guide:

Index - Table of Contents and Check Sheets. The Table of Contents contains the descriptive title and number of each section in the Guide.

The Check Sheets indicate all of the pages in the Guide and the latest revision number of each page. As these pages are reissued, the appropriate check sheet or sheets are revised and X's added to indicate the pages included with the current issue. After the reissued pages are filed, the new check sheet is to be retained for verification or reference purposes.

Section 1 - General Instructions.

1.1 Purpose and Use of the Traffic Routing Guide.

General. This contains a brief outline of the origin, the content and the use of the Guide.

Distribution of the Guide. This includes instructions for ordering TRG material and related reporting forms.

1.2 Explanation of Symbols and Abbreviations.

This subsection contains:

Definitions of symbols and abbreviations used throughout the Guide.

Abbreviations for TWX Switching Plan Serving Offices in Section 15. These abbreviations are the central office type.

1.3 Detailed Instructions for use of the Guide. This is a complete description of the content and use of each section in the Guide.

1.4 Reporting Procedures. This subsection contains instructions for reporting changes, additions and deletions, copies of forms used in preparing reports and examples to assist in their preparation. The methods for reporting information for the Guide are covered in the illustrative examples.

Section 2 - Inward Wide Area Telephone Service. (Inward WATS) This section contains routing information for inward WATS traffic. Inward WATS is a form of long distance telephone service which allows a subscriber, in consideration of his payment of a monthly charge, to receive telephone calls from within specified bands. These calls are free to the originating party. As now contemplated, a customer desiring inward WATS would subscribe for this service in a manner similar to outward WATS, and would be assigned telephone numbers in the 800 SAC, followed by a specific NNX code (or codes) for each telephone NPA, and numbered for example, 800+NNX-XXXX. The codes in 800-NN2 series are reserved for Intra-State inward WATS. Information in this section is arranged in subsections as follows:

2(a) Inward WATS Coordinators. This subsection indicates the name of the individual in each Associated Company or Long Lines Area who is to be contacted concerning inward WATS line assignments and other detailed questions concerning each inward WATS NNX for which they are responsible, and other information such as title, address, city, telephone and Data-Phone number of the individual. Also included is the specific NPA (or NPAs) for which each is responsible.

2(b) Inward WATS NNX Map. Outline map of the United States showing all inward WATS Numbering Plan Area assignments. It should be noted that the inward WATS state boundaries do not in all cases coincide with state boundaries. There are 58 inward WATS states within the continental United States.

2(c) Numeric List of inward WATS States With Telephone NPAs. Numeric List of Telephone NPAs With inward WATS Assignments. Companies requiring
X additional NNX codes should obtain them from the Traffic Operations Supervisor at 195 Broadway in New York City before reporting them to Kansas City. The two pages of this subsection are arranged as follows:

(1) The NNX codes are arranged in numeric order followed by the name of the associated inward WATS state and its regular telephone NPA.

(2) The telephone NPAs are arranged in numeric order followed by the name of the associated inward WATS state and its 800-NNX code assignment.

2(d) Inward WATS States and Principal Cities. This subsection lists the inward WATS states arranged alphabetically with associated 800-NNX code, regular telephone NPA code, principal city assignment and Effective Date Column for future changes. Principal city assignments for inward WATS may differ from regular telephone NPA assignments.

2(e) Inward WATS Principal Cities with 1XX Series. This subsection lists the inward WATS principal cities arranged in alphabetical order followed by their telephone NPA code. Inward WATS NNX code, the assigned 1XX Band Screening and routing series and Effective Date column for future changes. Changes in 1XX
X assignments should be made in conjunction with the Traffic Operations Supervisor at 195 Broadway in New York City.

2(f) Inward WATS Originating Screening Office. This subsection lists the originating Screening Offices where 800+NNX calls are six-digit translated for both inter and intrastate traffic. The columns are arranged by state, telephone NPA, originating screening office, machine type and effective date. (Specify if Intra only)

2(g) Inward WATS INTRA CANADA Only. This subsection lists the routing information for intra Canada in the same order as subsections a,b,c,d,e and f.

Information in this section is used in preparing routing bulletins for operators and in arranging switching machines to handle inward WATS traffic. A more detailed description of inward WATS is contained in C.K. Collins letters dated 9-30-64 5-19-65 and 6-30-65.

Section 3 - Traffic Routing Engineers. Name of the individual in each Associated Company (or Area) and Long Lines who is to be contacted relative to routing matters. Other information included is the title, address, city, telephone and Data-Phone number of the individual.

X

Section 5 - Principal Cities. This section designates the Principal City of each assigned NPA. The switching office shown in this section is the crossbar toll office farthest down the routing ladder to which all calls for its associated NPA, including the cross boundary points, can be routed by destination type codes (NPA+7D).

The Effective Date column indicates the date of any future addition to the established list, or the selection of a different Principal City. The word "Now" in this column indicates that the office selected as the Principal City of an NPA presently meets the requirements as defined in T.F.P., Div. G,Sec. 2-c-(1) and (4).

Based upon the information shown in this section a No. 4 crossbar toll office may employ principal city type routing to foreign NPA's under circumstances described in T.F.P., Div. G, Sec. 2-c-(1).

Section 6 - Telephone and Teletype Operator Codes. This section lists the standard operator codes and is divided into two sections. Section 6(a) covers standard telephone operator codes and Section 6(b) covers standard TWX operator codes. Following is an explanation of the codes in each subsection:

6(a) Telephone Operator Codes.

Operator Codes. Standard codes are used to reach specific groups of operators. In general, the specific operator code is preceded by a toll center code and the combination of the two directs the call to a particular group of operators at a given toll center.

121 Inward Operator. One who assists originating operators when required, in completing incoming calls.

131 Information Operator. One who furnishes telephone numbers to customers and operators upon request. Records are provided for furnishing numbers of customers in the local exchange and other selected points. This operator also verifies if the called number is a coin telephone for in-collect calls.

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141 Route Operator. One who quotes initial rates or routes to reach distant numbers and/or operators and mark sense codes.

161 Trunk Trouble Reporting. This code is used to report various trunk and line trouble indications which occur as an operator attempts to complete a call. Where an office is so equipped the details of trouble may be key pulsed into a recording device following the 161 code. In other offices the report is passed verbally.

181 Toll Station Operator. One who completes calls to toll stations. Toll stations are telephones, either private or public, connected with a circuit serving only such telephones. In offices where it is not necessary to have specific operators handle this traffic, the 181 code is routed to the inward operators positions.

11+ (Followed by 2 or 3 digits) This type of operator code is assigned to operating groups handling various types of Special Services; i.e., CALL BACK, Overseas, Conference Arrangements, ets.

Some of these "11" type Operator Codes have been assigned for standard use throughout the system. They are as follows:

4-DIGIT CODES	5-DIGIT CODES	
-	11362	Marine-High Seas. One who handles calls only to ships on the high seas.
1150	11501	Universal Operator. One who receives "WH" party reports from distant terminating toll centers when the called party cannot furnish the operator number at the originating toll center. Will also handle paid calls originated from coin telephone.
1151	11511	Conference Operator. One who handles calls on which three or more telephones are interconnected so that each telephone may talk to all others simultaneously by means of a conference bridge.
1152	11521	Mobile Service. One who handles calls to or from radio telephones in automobiles, airplanes (air to ground) and trains.
1153	11531	Marine Operator. One who handles calls to or from radio telephones in ships and airplanes, excluding ships on the high seas.
1154	11541	Toll Terminal Operator. One who handles calls where there are direct lines from the subscribers premises to the toll switchboard for the purpose of placing and/or receiving toll calls.
1155	11551	Call Back Operator at OTC who will handle calls where "Time and Charge" has been required.

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1156	11561	Call Back Operator at OTC who will handle calls originated at "Hotels".
1157	11571	IOTC Access Trunk. For use by TSPS operator to forward overseas call to special manual boards for disposition.

The 4-digit codes are used in dialing operators at an office arranged to handle 2-digit (11xx) type operator numbers. Some offices must be equipped to use 5-digit (11xxx) type operator codes These 3-digit operator number offices will be listed in this section with the effective date.

The remaining 111xx through 114xx and the 116xx through 119xx series are assigned at the discretion of an individual office, except 11362.

Toll Information Operator Codes. The Toll Information Operator Codes shown under "INTERIM" in this section are used by DDD customers in reaching distant information operators. Development work has begun to provide the ability to convert to the more concise arrangement as shown under "ULTIMATE."

Inward WATS Operator Codes. The National Information Center Code 800+555-1212 is used by DDD customers to obtain inward WATS subscriber numbers. The operator dial codes for the National Information Center are 800+131 for subscriber numbers and 800+141 for assistance. These codes route calls from any location to St. Louis, Missouri 4A and then to the National Information Center at East St. Louis, Illinois.

6(b) Teletype Operator Codes.

United States. TWX customers and/or operators in the United States use uniform codes to reach various groups of operators as follows:

X TWX Information Operator. To obtain United States listings both customers and operators dial the Code 910+555-1212 (Note 1). This code routes the call from any location to the Universal TWX Information Office at St. Louis, Missouri. The Code 610+555-1212 is dialed to obtain Candian listings. This code routes all calls to the Universal Information Switchboard at Montreal, Quebec.

X TWX Assistance Operator. To reach a TWX Assistance Operator 3-Row subscribers must dial 314-954-1212. This code will cause the call to route to the 3-Row Assistance Switchboards at St. Louis, Missouri. During normal business hours 4-Row subscribers must dial code 910-954-1212. This code will route the code to the TWX 6A Inward Assistance Switchboard at the TWX Operating Center which serves the calling subscriber. (A list of the location of these centers may be found in Section 13(a) of this guide.) A more detailed discussion of the routing of these calls is in the Traffic Facilities Practice, Division G, Section 2-c (5). Off hours (nights, weekends and holidays) 4-Row subscribers must dial 910-956-1212. This code will route the call to Assistance Switchboard at St. Louis, Missouri.

X Note 1: This number is no longer controlled by the Bell System. It may be changed by Western Union.

(Section 6)

Inward Assistance Operators. To reach a TWX inward operator at another United States operating center, TWX assistance operators dial the NPA code in which the called operating center is physically located, followed

X by the Code 140 to reach a 4-row position. To access a 3-row position, the TWX assistance operators must dial 314+130.

On calls involving called subscribers located in the province of Ontario or in provinces east of Ontario, United States TWX assistance operators reach Montreal inward positions. The 3-row operators dial 610+130 and 4-row operators dial 514+140. On calls involving called subscribers located in the provinces of Alberta, Manitoba and Saskatchewan operators reach the assistance board at St. Louis, Missouri (314+130 for 3-row or 314+140 for 4-row). On calls involving called sub-

X scribers in the province of British Columbia operators reach the assistance board at St. Louis, Missouri (314+130 for 3-Row) or Los Angeles, California (213+140 for 4-Row).

Canada. TWX customers and/or operators in Canada are assigned codes to reach various groups of operators as follows:

X TWX Information Operator. To obtain United States listings both customers and operators dial the Code 910+555-1212 (Note 1) to reach the Universal TWX Information Office at St. Louis, Missouri. To obtain Canadian listings a customer whose serving office is in Alberta or British Columbia dials 610+555-1212 and reaches the universal information switchboard at Montreal, Quebec. To reach the same operator, subscribers whose serving office is in any other province dial the Code 0. The Montreal 6A Assistance Operator has the information records at her position.

TWX Assistance Operator. Calls from Canadian subscribers to the United States which require the assistance of an operator must proceed as follows:

X 1. Customers whose serving office is in British Columbia dial 910-954-1212 during normal business hours only and are routed to the Operating Center at Los Angeles, California. Off hours calls are routed to the Operating Center in St. Louis, Missouri by dialing 910-956-1212.

X 2. Customers whose serving office is in Alberta, Manitoba or Saskatchewan dial 910-954-1212 (during normal business hours) or 910-956-1212 (off hours) and are routed to the Operating Center at St. Louis, Missouri.

3. Customers whose serving office is in any other province dial the Code 0 and reach the operating center at Montreal, Quebec.

X Note 1: This number is no longer controlled by the Bell System. It may be changed by Western Union.

(Section 6) For calls to other Canadian subscribers those customers whose serving office is in Alberta and British Columbia dial the Code 610+954-1212 and are routed to the operating center at Montreal, Quebec. Those customers whose serving office is in any other province dial the Code 0 to reach this same operator.

X Inward Assistance Operator. To reach a TWX inward operator in the United States the Montreal 6A operators dial the NPA code in which the called operating center is physically located followed by the Code 140 to reach a 4-row position. For mixed conference calls operators dial 0+314+130 to reach the 3-Row Assistance Operator in St. Louis, Missouri.

Information shown in this section is used on under glass bulletins, multi-leaf bulletins and translator cards or their equivalent.

Section 7 - Location of Cross Boundary Offices. This section identifies for each Numbering Plan Area the toll centers in other NPA's which serve tributaries in the specified NPA on a final route basis. Also included are the toll centers that are assigned TWX central office codes serving rate centers of the specified NPA on a cross boundary basis. In subdivided states, wherever possible, the boundaries are not drawn between a toll center and its tributary offices.
Columns are arranged as follows:

"State-NPA" The state and particular NPA being considered are shown in this column.

"Toll Center Route, State-TC" The cross boundary toll center (including its state) on which tributaries of the specified NPA home is shown in this column. If there are TWX central office codes involved, "(TWX)" is shown following the toll center. For NPA's having no tributaries homing on toll centers in other NPA's or no rate centers whose TWX central office codes are associated with cross boundary toll centers, "None" is shown in this column.

"Effective Date" The effective date of any change in the information of this section is shown in this column.

X

Section 9 - Numbering Plan Area Codes, System Codes, Toll Center Type Codes and Special Service Codes. Codes in this section are arranged as follows:

9(a) Numbering Plan Area Codes. These are 3-digit codes (NO /1X excluding N11) assigned to numbering plan areas under the nationwide dialing plan.

N is any numeral "2" through "9".

X is any numeral "0" through "9".

Alphabetical List. In the first column and named in this order are all the states in the United States, the provinces of Canada, other countries and territories to which NPA codes have been assigned. In the second column are the NPA code or codes assigned to each entity named in column one. At the end is a complete list of Special Area Codes (SAC) and "Unassigned" NPA codes.

Numerical List. In the first column all NPA codes are arranged in numerical order. In the second column associated with each assigned code is its corresponding entity.

9(b) System Codes. These are 3-digit (0XX or 1XX) codes assigned to or reserved for routing items on a systemwide basis. The assignments of System codes are made by the Operations Department at 195 Broadway in New York City. Reguests or questions involving a change in these assignments should be directed to the office of the Traffic Operations Manager - Planning at that address. The various types of system codes are as follows:

1. Inward WATS Codes - These are 0XX or 1XX codes used in routing and band screening inward WATS calls.

2. Operator Codes - These are standard codes (1N1 and 11X) used to reach various groups of operators.

3. Plant Test Codes - These are codes used by the Plant department for reaching various types of testing equipment used in the maintenance of the toll plant. (e.g. 101)

4. System Routing Codes - These are codes that are used to reach points to which calls can not be routed on an NPA basis.

5. Rate Quoting System - These are codes permitting an Outward Toll operator to query a computer for a rate step.

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6. Reserved Codes - These are OXX or 1XX codes which are being held for future system use. Since future system code assignments will be made in this series, written permission from the office of the Traffic Operations Manager - Planning will be required.

7. Spare Codes - These are 3-digit OXX toll center type codes available to the Associated Companies for assignment as Toll Center Codes or other purposes as required. TC Codes are assigned to toll centers so that they may be reached by distant operators. Use of the OXX codes prevents customer DDD calls from reaching terminating operators as the originating equipment is arranged to block calls to distant NPA's which have 0 in the fourth digit. Other assignments may include routing codes for ringdown tributaries and non-7D tributaries.

8. TWX Assistance Operator Codes - These are codes to reach 3-row (130) and 4-row (140) TWX 6A assistance operators.

TWX - These codes used for routing the TWX Switching Plan.

Special Service Codes - These are 3-digit N11 codes reserved for special services. Ultimately these codes will be used for reaching long distance, information, business office and repair service.

9(c) Cable Control Routing

A combination of terrestrial and satellite facilities are used in the North American network between the 48 contiguous states and Hawaii, Alaska and the Caribbean area (NPA's 808, 809, and 907). By international agreement, the inclusion of two or more satellite circuits in a connection should be avoided in all but the most exceptional cases for reasons relating to transmission delay and consequent talker difficulty. To avoid the connection of tandem satellite links on calls between any two of these three NPA's or from Overseas to these NPA's, 1XX type system routing codes are assigned by AT&T as "Cable Control" Codes (see Section 9(b)). The originating switching office may either code convert to the Cable Control Code involved to ensure terrestrial facilities between the 48 contiguous states and the destination point, or route on terrestrial facilities from the originating office.

1. "SPECIAL ROUTING TO" - All pages are arranged in alphabetical order by the points of destination. Multiple points of destination grouped under one NPA are filed last.

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2. "NPA" - Indicates either the individual NPA code, as assigned per Section 9(a), or for points not on an NPA basis yet, the 1XX "all facilities" system routing code assigned per Section 9(b).

3. "SWITCHING OFFICE"

(a) e.g., "Kingston, Jam." - name of city and country for switching offices outside of the U.S.A.

(b) e.g., "Pittsburgh #1, Pa." - name of switching office or city and state for offices within the U.S.A.

(c) e.g., "INT'L", "DOM." - translation requests in other columns associated with these designations apply either to the INTERNATIONAL or DOMESTIC translation domains of the respective switching office.

4. "ACTIVATE CODE" - Shown under this heading are destination NPA or 1XX system codes, assigned per Section 9(a) and 9(b), involved in regular routing and also these 1XX system codes assigned for cable control routing (specific requests to activate such codes are made by the Long Lines Headquarters - Overseas Network Operations group).

5. "CODE CONVERT TO" - Shown under this heading is the destination 1XX system code assigned per Section 9(b) for cable control routing. Usually code conversion is requested at the originating switching office unless routing is to be on terrestrial facilities at that office (specific assignments for code conversion are made by Long Lines Headquarters - Overseas Network Operations).
Switching offices outside the contiguous 48 states will route in accordance with the Long Lines Routing Plan and select cable only facilities when code conversion is not requested. i.e. when outpulsing is an NPA or special routing code.

Domestic switching offices will route in accordance with the Long Lines Routing Plan and select cable only facilities when requested by cable control routing code. i.e. when activation of, or code conversion to, a cable control code is effected.

9(d) Numbering Plan Area Maps. Outline maps showing all Numbering Plan Areas With Codes.

Section 10 - Dial Code Information

GENERAL

The telephone systems in the United States and Canada handle millions of long distance messages a day. These are routed over a comprehensive network of trunks which interconnect thousands of long distance switching offices. This network serves, with few exceptions, all of the telephones in these two countries and provides in part for establishing connections to most other parts of the world. With distance dialing the United States and Canada have become one large multi-office area, an area that will eventually encompass the entire world. This is a point of view which the Routing people should develop until it becomes a state of mind - an habitual approach to routing problems. With this viewpoint in mind Routing Engineers are concerned with the completion of calls originating in their areas and completing to any other point. This is a problem that includes determining the correct physical routes and the correct dial codes. It follows then that the solution of each individual routing problem requires up-to-date, accurate data. Whereas the physical routes are determined from the Long Lines Routing Plan, the dial code information is determined from this section of the Traffic Routing Guide.

DETAILED EXPLANATION OF THE CONTENT

Material in Section 10 is divided into subsections for each state of the United States (including the District of Columbia), each province in Canada, as well as other countries and territories. All toll switching systems within each subsection are alphabetically arranged. Information pertinent to these switching offices is shown under each office arranged in columns with the headings, "NPA OR STATE", "SWITCHING OFFICES WITH ASSOCIATED INFORMATION AND INTERTOLL ROUTES", "DIAL CODE NOS./T.C." and "EFFECTIVE DATE".

In the following discussion, the routing information shown with each switching office is separated into Items A through F to better identify that component under discussion. A similar arrangement (Items A through F) is used in reporting information for Section 10 on form TAW-266 and is covered in Section 1.4. Items A through F are as follows:

Item A. Name of the Toll Center Handling the Inward Traffic for a Metropolitan Toll Center Area followed by all Switching Offices in the Metro TCA in the Order of Switching Rank.

Name of the Toll Center or Point With Associated Information.

Item B. TWX Central Office Codes - Non-Telephone, NNX Routing Codes Used as TWX Central Office Codes and TWX Operator Codes.

Item C. Exception Localities and Exception Localities Reached Through Principal City Switching Machine.

Item D. Tributaries and Tributaries Reached Through The Principal City Switching Machine or Principal City Switching Machines.

Item E. Auxiliary Switching Systems.

Item F. Intertoll Routes to Dependent points.

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The following hypothetical example illustrates the manner in which information in Section 10 is divided into Items A through F. All information contained therein without an effective date is in effect. A discussion of information shown in the "Effective Date" column may be found in Sec. 1.4 Reporting Procedures.

	NPA OR STATE — SWITCHING OFFICES WITH ASSOCIATED INFORMATION AND INTERTOLL ROUTES	DIAL CODE NOS. / T. C.	EFFECTIVE DATE
Item A	909 * ANYTOWN Metro TCA * ANYTOWN SC (Prin Sector) * ALPHA PP * BOONVILLE PP ********** 909 012+★ ANYTOWN 4A . . . . . ✓9 (CLLI Code) (Sector) 221; 222; 283; 285; 383; 387; 398; 421; 454; 467	* * * * 7D	
Item B	TWX C.O. Codes - Non-Telephone 232; 234; 236-P . . . . . . NNX Routing code used as TWX C.O. 229 TWX Operator Codes 954; 014 . . . . . . 130; 140	 7D 7D 3D	
Item C	Exception Locality (thru Anytown) Centerville (4) . . . . . ✓ EX. LOC. REACHED THRU: GLADSTONE (Skip NPA) Same code as (thru Anytown)	 441+	
Item D	Tributaries (thru Anytown) Brownville (Sectored) 556 . . . . . ✓9 Goldtone (5) . . . . . ✓9 (directing digit 9) Greensville 468 . . . . . ✓9 Silverton 931 . . . . . ✓8 TRIBS. REACHED THRU: GLADSTONE (Skip NPA) Same codes as (thru Anytown) TP Inward Operator Traffic ZEUSVILLE	 7D 22+ 7D 7D	
Item E	Auxiliary Switching Systems Terminating Tandem MISSION #5XB (Partial) (CLLI Code) 222; 283; 285; 383; 387 End Office - Toll MONROE #5XB (5) (CLLI Code) 772; 773; 784		
Item F	Intertoll Routes Any State 909 Blumberg . . . . . . Canton . . . . . . Minerva . . . . . . Twinsburg . . . . . .TP	 059 7D/042+ 7D/076+ 7D/+ (Alpha)	

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Following is a detailed explanation by individual item of all information shown in Section 10 of the Traffic Routing Guide:

Item A. Name of the Metropolitan Toll Center Area.

Metropolitan Toll Center. This is the toll center which handles the inward traffic for a Metropolitan Toll Sector Tandem Arrangement (Metro TCA). The switching offices in the Metro TCA are grouped in the order of switching rank. A Metropolitan Toll Sector Tandem Arrangement is a means of balancing traffic loads within a geographical area with more than one switching machine. For more details see Mr. Ferguson's letter dated November 7, 1969, File No. 3C6.1C, Subject: "Metropolitan Area Toll Sector Tandem Arrangements - Implementation in System Routing Literature." Metro TCA's are arranged as follows:

NPA OR STATE	SWITCHING OFFICES WITH ASSOCIATED INFORMATION AND INTERTOLL ROUTES	DIAL CODE NOS./T.C.	EFFECTIVE DATE
909			
*	TOLL CENTER NAME Metro TCA *		
*	TOLL CENTER NAME SC (Prin. Sector) *		
*	POINT NAME PP *		
*	POINT NAME PP *		
**********	********** *		

Name of the Toll Center or Point With Associated Information.

Toll Center. Toll Centers are switching offices (Class 1C, 2C, 3C or 4C) where trunks from end offices are connected to the Distance Dialing Network and where operators are present and assistance in completing incoming calls is provided, in addition to completing toll calls and other traffic operating functions. When there is more than one toll switching office in a toll center area each machine must be identified by number. (e.g. Chicago, Ill. #2 & #3) The various types of toll centers with corresponding data are arranged as follows:

Dial TC With 7D Numbering Plan:

NPA TC Code +	Complete 7D
TOLL CENTER NAME Machine. . . .√Coin Series	(or 7D)
(CLLI Code)	
Central Office Codes or	
Zone No.	
Central Office Codes	

Dial TC with Non - 7D Numbering Plan:

NPA TC Code +		
TOLL CENTER NAME (Digits in Tel. No.)	√Coin	Arbitrary Code +
(CLLI Code)		
(directing digits)	Series	(Digits in Tel. No.)
Operators		+

Ringdown TC:

NPA TC Code	
TOLL CENTER NAME C.O. Codes, if any	RD
(CLLI Code)	

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Point. Points are switching offices (Class 1P, 2P, 3P, 4P) where the inward operator functions are performed in another location and which may or may not have end offices. Some of these offices have separate codes assigned (OXX or 1XX) for reaching the toll testboard.

NPA OR STATE	SWITCHING OFFICES WITH ASSOCIATED INFORMATION AND INTERTOLL ROUTES	DIAL CODE NOS./T.C.	EFFECTIVE DATE

Point With End Offices:

NPA TC Code + (TC Name) Tst Bd Code (OXX+) POINT NAME Machine RP, SP, PP, TP . √Coin (CLLI Code) Central Office Codes	Complete 7D Series
Point In Metro TCA:	
NPA TC Code + (TC Name) POINT NAME Machine RP, SP, PP, TP (CLLI Code) (Sector)	

Terms used in the previous schematics are defined as follows:

NPA. The distinctive 3-digit code (NO/1X) which designates the geographical numbering plan area in which the office is physically located.

TC Code +. The 3-digit code (OXX) used by operators in other offices for reaching the toll center that performs the inward operator functions for this switching office. It may be the same office or in the case of "points" another switching office. Usually the principal switching office of each NPA is arranged so that a specific TC Code is not required. In these instances, "+" is shown in place of a TC Code. All "Principal City" switching offices as shown in Section 5 of the TRG are arranged in this manner. Dial toll centers end in a "+" symbol, while ringdown toll centers have no "+" symbol. A star (★) shown after the TC code indicates directory assistance for the Toll Center Area is reached at a centralized location within its NPA.

(TC Name). The name of the toll center performing the inward operator functions for RP, SP, PP and TP offices.

Metro TCA. The term given to a group of switching offices with a Metropolitan Toll Sector Arrangement. The Metro TCA name is generally the name of the major TCA involved.

Prin. Sector. The principal sector is the switching office in a Metro TCA that can complete all calls to the Metro TCA.

Sector. A switching office in a Metro TCA (Class 1,2,3, or 4) which only serves part of the Metro TCA. Only the NXX codes served by this switcher are associated with it.

Tst. Bd. Code. The OXX or 1XX code assigned to reach a toll testboard on offices classified as "point".

CLLI Code. The Location identification code consisting of eleven (11) characters (1-4 town, 5-6 state, 7-8 building and 9-11 building subdivision) for identifying the switching office.

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Complete 7D (or 7D). "7D" indicates that the subscribers local number is a standard 7-digit number, either All Number Calling (ANC) or 2L+(5 Digits). The 7-digit number consists of a 3-digit central office code and a 4-digit line number. A city is recognized as having 7-digit numbering when a 7-digit number is shown on the customer's number plate and in the local directories.

Complete 7D is shown when:

1. The toll center or point and all of its tributaries have standard 7-digit numbers.

2. All customers of the toll center or point and the tributaries are reached through the toll center or point on a 7D or NPA+7D basis.

Machine. This is the type of switching equipment in operation for incoming intertoll traffic at this toll switching office. No entry is shown if this is Step-by-Step (SXS) equipment.

The various types of toll crossbar systems (No. 4A, 4A (ETS), XBT, #5XB, #1ESS, and SXS Intertoll with CAMA) are shown in detail in Attachment No. 1 of Section 1.3. Certain machines which are not of the preceding group should be reported as a comparable W.E. machine.

Automatic Message Accounting equipment arrangements (AMA, CAMA, LAMA, etc.) are not shown in the TRG.

RP, SP, PP, TP. Designates the rank of the point 1,2,3 or 4.

√Coin Series. The symbol √ followed by one or more numerals indicates the thousand series at this office in which coin telephones are located, (e.g., √9 on 223-9XXX). A √ not followed by one or more numerals indicates that the coin telephone numbers are not confined to a limited number of thousand series and checking is required on all collect calls. The absence of a √ indicates no checking is required. The ideal arrangement is to have all coin stations assigned to the 9-thousand series. Segregation of coin numbers in all exchanges in the 9-thousand series would mean outward operators would never need to check the bulletins for the possible presence of coin numbers in other thousand series.

Central Office Codes. Central office codes are 3-digit (NXX) codes and form the first 3-digits of a subscribers local 7-digit number. The central office code may be either expressed in terms of its basic 3-digits or in terms of the first two letters of a central office name and a single digit prefix. Since the ultimate plan calls for all customers numbers to be assigned on an All Number Calling (ANC) basis, this Guide for purposes of simplicity shows all central office codes in terms of their basic 3-digits.

A discontinued central office code should be reported discontinued as of the date when subscribers are no longer served by this code.

Any central office code (including one serving FX subscribers) is shown with the switching office serving the rate center to which the code is assigned. No special designation is required for central office codes serving FX subscribers.

No attempt is made to distinguish between regular central office codes that serve telephone lines only and those that serve both telephone and TWX lines.

All Central Office code assignments are from the NXX code combinations.

N is any numeral "2" through "9".
X is any numeral "0" through "9".

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Brackets ([ ]) will be used to enclose NXX codes (new, discontinued or rehomed) followed by the effective date.

Assignment of the NNO codes as central office codes should be avoided wherever possible. A more detailed discussion of this can be found in Mr. Ferguson's letter dated January 27, 1970, File No. E.L.372, Subject: Nationwide Numbering Plan and Dialing Procedures.

The code "555" is entered here under the appropriate toll center to indicate the location of the Universal Information Switchboards for translation purposes.

Zone No.

Central Office Codes. Central Office Codes assigned to subscribers in toll centers which are zoned are listed with the zoned rate center with which they are identified. Many toll centers are subdivided into zones designated numerically as separate rate centers. For purposes of recognition in this Guide and the ORRG only those zoned cities which are within forty miles from interstate (out-of-state) offices are identified in this manner. Certain zoned cities which meet the preceding definition have been able to assign exchange or locality names to these zones in order to eliminate any reference to numbered zones. This method is preferable in that it simplifies identification of the called place, as subscribers do not place their calls to zones.

(Digits in Tel. No.). The number of digits in the subscribers numbering plan is shown in parenthesis when the numbering is not completely 7D. Examples are as follows: (3), (4), (5), (8); or in some instances where the numbering is mixed (4, 5, 6), (4,5), (5,6), (7,8).

Arbitrary Code+(Digits in Tel. No.). Arbitrary codes are 1, 2 or 3-digit codes that precede the subscribers number and are used in completing calls through the switching office. The Operators + indicates that the arbitrary code is not necessary to switch calls to operators.

(Directing Digits). A directing digit is the first digit of a 5-digit local number or the first two digits of a 6-digit local number. It indicates that all numbers of this office begins with the designated digit or digits. This information may be helpful to a distant Routing Engineer in preparing translator cards (or their equivalent).

RD. The symbol RD is shown on ringdown toll centers to indicate those offices which are not dialable on an intertoll basis.

Item B. TWX Central Office Codes - Non-Telephone, NNX Routing Codes Used as TWX Central Office Codes and TWX Operator Codes.

"TWX C.O. Codes - Non-Telephone". Under this heading are listed the central office codes which serve only TWX stations for which this toll center is the terminating serving office. Some of the codes listed here may serve TWX stations which are physically in another toll center area.

All TWX terminating central office codes are accessible through the principal city of their home NPA.

TWX C.O. Codes - Non-Telephone	
C.O. Code; C.O. Code; C.O. Code-P;. C.O.Code-cc-C.O.Code; C.O.Code; C.O.Code	7D
NPA-C.O. Code	NPA+7D

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"NNX Routing Code Used as TWX C.O.". Under this heading are listed the "NNX" type routing codes which are utilized as central office codes for TWX stations only. "NNX" routing codes are used in those instances where TWX stations are terminated on non-7D dial tributary offices.

NNX Routing code used as TWX C.O.
C.O. Code

"TWX Operator Codes". Under this heading are listed the 3 digit codes that are used to reach TWX Assistance Operators. These codes are only listed under those toll centers where 6A TWX assistance switchboards are located.

TWX Operator Codes	
954; 014	7D
130; 140	3D
610+954 (Montreal only)	10D
611 (Montreal only)	3D

Terms used in the previous schematics and not already defined are as follows:

C.O. Code. The underlined central office code designates it as one which serves five or less TWX stations. This information is helpful to Routing Engineers who administer No. 4 offices where the capacity of the translator boxes temporarily is not adequate to accomodate 6-digit cards for all TWX codes established in foreign areas to which traffic is routed on a 6-digit basis. It may be necessary temporarily to route some of the codes for which cards would normally be provided via the principal city if single card translation is involved. Where this is required, the codes which serve five or less TWX lines should be the ones selected.

C.O. Code-P. This is a TWX central office which has been preassigned. In order to minimize the difficulties experienced when establishing TWX central office codes without prescribed advance notice to the system, a number of codes should be designated as preassigned in each NPA. One or more codes should be preassigned to each toll center where it is anticipated such a code may be established in the future. Preassigned codes are considered as being working codes except at their own toll center where they are intercepted until required. No routing changes would need to be made at distant points when the code is activated. When a preassigned TWX central office code is designated for a given rate center it loses its preassigned status and the letter "P" should be removed. This is true even though there may be no TWX stations working in the rate center at this time.

C.O. Code-cc-C.O. Code. Indicates code conversion is required at the locations which have direct circuits to the SxS toll switching office under which this code is listed. The central office code assigned to the TWX stations is shown first, followed by the letters "cc" for code conversion and then by the code to be delivered to the terminating toll centers' SxS toll switching office.

NPA-C.O. Code. Indicates a 6-digit code which serves TWX stations in a neighboring NPA. The central office code is prefixed with the NPA code of the cross boundary point.

954, 130, 140. See Section 1.3, 6(b) for detailed use of these specific codes.

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014. This is an additional code in a TWX operating center city that may be used to reach a 4-row TWX assistance operator. Code 954-1212 when dialed by a 4-row TWX subscriber is code converted to 014-1212 and routed to or toward the city where a 6A switchboard is located. At this switching office receipt of this code will cause selection of an idle trunk to a 4-row 100 wpm machine.

3D. Indicates that the 3-digit codes 130 and 140 are adequate for completing through the toll switching office to the 6A switchboard.

Item C. Exception Localities and Exception Localities Reached Through the Principal City Switching Machine.

"Exception Localities". A locality is defined as a place within a rate center which has a different name but takes the same rate and route (dial code pattern) as the rate center, and therefore is not listed under this heading. Under this heading are listed the exception localities which take a different route (dial code pattern) than their rate center.

A locality and its rate center are served by the same toll center or point. The rate center of a locality may be a tributary, a toll center or point.

Exception Locality (thru Toll Center or Point Name)
Exception Locality Name (Digits in Tel. No.). .Arbitrary Code+

"Exception Localities Reached Through the Principal City Switching Machine". Under this heading is listed the Principal City switching machine which is required to provide translator cards (or their equivalent) to reach subscribers at the exception locality unless the locality is 121. Understand that the switching offices listed under this heading require the NPA code of the called point unless " (Skip NPA) " is shown following the switching office name.

EX. LOC. REACHED THRU:-
PRINCIPAL CITY NAME (Skip NPA)
Same code as (thru Toll Center or Point Name)

Terms used in the previous schematics and not already defined are as follows:

(thru Toll Center or Point Name). This term is used when there is an EX. LOC. REACHED THRU listing.

PRINCIPAL CITY NAME. The name of the principal city appears in capital letters.

(Skip NPA) . Whenever " (Skip NPA) " is shown with the switching office it indicates the office does not require the NPA of the called office.

Same code as (thru Toll Center or Point Name). This term indicates the switching office listed here is using the same codes as required by the toll center or point.

Item D. Tributaries and Tributaries Reached Through the Principal City Switching Machine or Principal City Switching Machines.

"Tributaries" Offices shown under the heading tributaries obtain their inward operator services at the listed operating toll center. In General, these are Class 5 end offices that home on the operating toll center or point.

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Tributaries (thru Toll Center or Point Name)

Trib. Name C. O. Codes . . . . . √Coin Series	7D*
Trib. Name (Sectored) C. O. Codes . . . . . √Coin Series	7D
Trib. Name (Digits in Tel. No. (directing digits) . . . . . √Coin Series	Arb. Code+
Trib. Name, State Abbrev. C.O. Codes . . √Coin Series	NPA+7D
Trib. Name C. O. Codes	121
Trib. Name (County Name). . . . . rd	Arb. Code
Trib. Name (thru Other Trib. Name). . . . . rd	Arb. Code

"Tributaries Reached Through Principal City Switching Machines".
Under this heading is listed the principal city switching machine or in the case of a cross boundary tributary the principal city switching machine of the physical NPA and the principal city switching machine of the homing NPA. The principal city is required to provide translator cards (or their equivalent) to reach subscribers at the tributary office unless the tributary is 121 or ringdown. When the tributary is a cross boundary tributary both principal cities are required to protect the tributary.

The principal city switching offices listed under this heading require the NPA code of the called point unless "(Skip NPA)" is shown following the switching office name.

SAME STATE NPA TRIBS. REACHED THRU:-
PRINCIPAL CITY NAME (Skip NPA)
Same codes as (thru Toll Center or Point Name)
Except 121 and rd tribs. and:

Trib. Name (digits in Tel No.) . . . . . √Coin Series	Arb. Code+

OTHER STATE NPA TRIBS. REACHED THRU:-
Homing Principal City Name -
PHYSICAL NPA PRINCIPAL CITY NAME (Skip NPA)
Same codes as (thru Toll Center or Point Name)

RP, SP, PP or TP Inward Operator Traffic.
Shown under this heading are the offices ("points") whose inward operator functions are performed at this toll center.

Terms used in the previous schematics and not already defined are as follows:

*. The asterisk symbol is used following a code to indicate a dial or ringdown tributary which does not follow standard operating procedure. Calls to these non-standard offices requiring the assistance of an operator are routed to the 121 operator at the toll center.

Trib. Name, State Abbreviation. This is a tributary which is physically located in a different state than the toll center or point, followed by the underlined abbreviation of that state. This is referred to as cross boundary homing and the individual tributary is a cross boundary tributary. This situation is created where an office or group of stations physically located in one NPA is accessible only through an office in another NPA on a final route basis.

Sectored. This indicates that the tributary is in a Metro TCA and only the NXX's shown are served at this sector. The remaining NXX's will be served at one of the other sectors in the Metro TCA.

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Tributaries (thru Toll Center or Point Name)

Trib. Name C. O. Codes . . . . . √Coin Series	7D*
Trib. Name (Sectored) C. O. Codes . . . . . √Coin Series	7D
Trib. Name (Digits in Tel. No. (directing digits) . . . . . √Coin Series	Arb. Code+
Trib. Name, State Abbrev. C.O. Codes . . √Coin Series	NPA+7D
Trib. Name C. O. Codes	121
Trib. Name (County Name). . . . . rd	Arb. Code
Trib. Name (thru Other Trib. Name). . . . . rd	Arb. Code

"Tributaries Reached Through Principal City Switching Machines".
Under this heading is listed the principal city switching machine or in the case of a cross boundary tributary the principal city switching machine of the physical NPA and the principal city switching machine of the homing NPA. The principal city is required to provide translator cards (or their equivalent) to reach subscribers at the tributary office unless the tributary is 121 or ringdown. When the tributary is a cross boundary tributary both principal cities are required to protect the tributary.

The principal city switching offices listed under this heading require the NPA code of the called point unless "(Skip NPA)" is shown following the switching office name.

SAME STATE NPA TRIBS. REACHED THRU:-
PRINCIPAL CITY NAME (Skip NPA)
Same codes as (thru Toll Center or Point Name)
Except 121 and rd tribs. and:
Trib. Name (digits in Tel No.) . . . . . √Coin Series Arb. Code+

OTHER STATE NPA TRIBS. REACHED THRU:-
Homing Principal City Name -
PHYSICAL NPA PRINCIPAL CITY NAME (Skip NPA)
Same codes as (thru Toll Center or Point Name)

RP, SP, PP or TP Inward Operator Traffic.
Shown under this heading are the offices ("points") whose inward operator functions are performed at this toll center.

Terms used in the previous schematics and not already defined are as follows:

*. The asterisk symbol is used following a code to indicate a dial or ringdown tributary which does not follow standard operating procedure. Calls to these non-standard offices requiring the assistance of an operator are routed to the 121 operator at the toll center.

Trib. Name, State Abbreviation. This is a tributary which is physically located in a different state than the toll center or point, followed by the underlined abbreviation of that state. This is referred to as cross boundary homing and the individual tributary is a cross boundary tributary. This situation is created where an office or group of stations physically located in one NPA is accessible only through an office in another NPA on a final route basis.

Sectored. This indicates that the tributary is in a Metro TCA and only the NXX's shown are served at this sector. The remaining NXX's will be served at one of the other sectors in the Metro TCA.

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NPA+7D. This dial code is shown for all offices which are in a different area than the toll center or point and which can be reached through the associated toll center or point on an NPA+7D code. There are instances where a called place is in a different NPA than its toll center or point, but is reached through the toll center or point on a 7D basis. However, in this case the code is shown in the Dial Code column as 7D.

121. This code is shown for offices whose traffic cannot be mechanically switched through the toll center or point. Use of this code results in the traffic being routed to the inward operator at the toll center.

rd. This symbol indicates a tributary office of a dial toll center, point or ringdown toll center at which connection to numbers is made by the tributary operators and from which cord lamp supervision is not returned to the toll center.

(County Name). This designation is used when there are two offices named in the ORRG with the same name in the same state.

Trib. Name (thru Other Trib). This is a tributary for which no individual code is provided and which is reached through the operator of an intermediate ringdown tributary. The name of the intermediate office where an operator will answer is shown in parenthesis following the word "thru".

SAME STATE NPA TRIBS. REACHED THRU: - This heading is used in conjunction with the heading "OTHER STATE NPA TRIBS.REACHED THRU:- " to facilitate separating the toll center or point NPA tributaries from those which are cross boundary.

OTHER STATE NPA TRIB. REACHED THRU:-. This heading is used when there are cross boundary tributaries in another state. Switching offices shown under this heading are the principal city of the physical NPA and the principal city of the homing NPA of the cross boundary tributaries.

The switching offices listed under this heading require the NPA code of the called place unless "(Skip NPA)" is shown following the switching office name.

PHYSICAL NPA PRINCIPAL CITY NAME. This is the principal city switching machine for the NPA in which the cross boundary tributaries are physically located.

Same codes as (thru Toll Center or Point Name)
EXCEPT 121 and rd tribs and :-. Exceptions are shown under the statement "Same codes as (thru Toll Center or Point Name)" whenever there are tributaries that are not reached through the listed switching offices using the same codes required by the toll center or point. Generally included as exceptions are those tributaries that must be reached through the inward operator on a 121 basis and the remaining tributaries marked rd.

Item E. Auxiliary Switching Systems.

Auxiliary Switching Systems within a Toll Center Area assist the toll center's principal switching system in the completion of incoming intertoll traffic to all or part of the toll center area are categorized as follows:

Terminating Tandems
If all of the codes or all of the codes except TWX and certain operator codes can be reached on the tandem this tandem will be considered a complete tandem listing only these exceptions. A high volume (HV) tandem may be treated the same as a complete terminating tandem as far as a listing in the TRG is concerned.

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If only certain codes can be reached on the tandem it will be considered a PARTIAL tandem. With a partial tandem list all codes that can be reached in the tandem. The word PARTIAL in parenthesis should follow the tandem name.

End Office-Toll
Shown under this heading are end offices (Class 5) which can be accessed directly by one or more high usage intertoll type trunk groups. List all the NXX codes it serves. Indicate in parenthesis the number of digits the machine is designed to handle. If less than 7, the last 4, 5 or 6 digits of the 7-digit number should be sent.

The eleven (11) character location identification (CLLI) code for each office should be shown beneath the office name in parenthesis.

Terminating Tandem
TERMINATING TANDEM NAME MACHINE
(CLLI Code)
Use same codes as thru Toll Center Name Machine
Except:
TWX C.O. Codes-Non-Telephone-Route only thru TC Machine

TERMINATING TANDEM NAME MACHINE (PARTIAL)
(CLLI Code)
C.O. Codes

End Office-Toll
END OFFICE NAME (X)
(CLLI CODE)
C.O. Codes

Auxiliary Switching Systems are included in this publication when a switching office in a different Associated Company or Long Lines has a direct trunk group to the office and therefore requires information concerning its working codes.

Terms used in the previous schematics and not already defined are as follows:

Use same codes as thru Toll Center Name Machine. This statement is shown when all the codes listed for the toll centers' principal switching machine (excluding codes shown under the heading "Intertoll Routes") may be routed to this tandem. Telephone operator codes are included unless otherwise specified.

Codes that are effective at the toll centers' principal switching machine but not effective at the tandem are listed as exceptions.

Item F. Intertoll Routes Accessible Through A Switching Office.

"Intertoll Routes". Under this heading are shown the intertoll routes to dependent points of switching offices that are CSP's.
Following are various types of listings to be found here:

		Intertoll Routes	
Ala.	205	Anniston.	7D/005+
		Decatur	7D/008+
		Gadsden	7D/066+
		Huntsville.	7D/022+
		Jasper	7D/046+
		etc.	

This listing indicates the dependent points are in same NPA as their CSP.

(Section 10)

Ida.	208	Boise	208+7D/044+
		Idaho Falls	208+7D/025+
		Pocatello	208+7D/024+
		Twin Falls	208+7D/076+
Utah	801	Cedar City	7D/022+
		Delta	7D/034+
		Logan	7D/099+
		Moab	7D/049+
		etc.	

This listing indicates that some of the dependent points of this CSP are in a different NPA.

Calif.	209	Fresno	7D/004+
		Jackson . . . . . TP	7D/+ (Stockton #1)
		Lodi	7D/006+
		etc.	

This listing indicates one of the dependent points is a toll point and inward operator functions are provided at toll center named.

This subsection is a quick reference on homing arrangements and is used when a new group is established to a CSP.

Vacant Central Office Codes. This section contains a list of all vacant central office codes by NPA for the current year. All planned spare NO/1X type central office codes should be included on the list. These codes are listed in numeric order. They should not include central office codes used as route codes to tributaries that are not 7D. These lists are published by NPA for each state.

This information is used when six-digit translation is involved, to route all vacant codes in an NPA to Vacant Code Announcement (VCA) at the originating switching office. This will not apply to a 4A with card translator unless FAT space is available.

Section 11 - Switching Offices With Their Homing Arrangements. This section contains all offices recognized in the Switching Plan for Distance Dialing as either a toll center or point. These offices are arranged alphabetically by state and NPA for the United States, provinces of Canada, other countries and territories. Other related information for each office is shown as follows:

Effective Date. Indicates the future scheduled date when the status of an office will be changed to or from a toll center or point. This date should be a Nationwide Cutover Date as published in the Distance Dialing Coordinating Handbook and covered in T.F.P., Div. G, Sec. 2-c-(1).

Indicates also the future scheduled date when there is a change in Switching, class, home CSP or NPA. The above conditions will generally be indicated by a double line listing. Changes occuring during the next two to three years may be included.

Sw. Class. Each office is designated according to its switching function as follows:

(a) "RC" or "RP" indicates a Regional Center or Point (Class 1) office. Each Regional Center or Point serves a large area known as a Region. (Present plans call for ten Regional areas in the United States and two in Canada.)

(Section 11)

(b) "SC" or "SP" indicates a Sectional Center or Point (Class 2) office. Each region is subdivided into smaller areas known as Sections; the principal switching facility in the Section is the Sectional Center or Point.

(c) "PC" or "PP" indicates a Primary Center or Point (Class 3) office. The Section is further divided into smaller parts known as Primary areas, each of which is served by a Primary Center or Point.

(d) "TC" or "TP" indicates a Toll Center or Point (Class 4C) office. The remaining offices that do not fall into the preceding categories of (a), (b) or (c) are Class 4 Toll Centers and Toll Points.

Home CSP. The Control Switching Point (CSP) at which an office homes on a terminating basis is its "Home CSP". A Control Switching Point is a switching office at which built-up connections are established. Collectively, the Regional, Sectional and Primary Centers and Points constitute the Control Switching Points of the distance dialing network. A final trunk group is provided from each office to the higher order CSP on which it "homes". Final groups are provided between all full Regional Centers and Points. This column is therefore left blank where the office shows an "RC" or "RP" in the Class column. When the CSP is in a different state than the office homing on it, the state abbreviation is included. It is desirable from a routing standpoint to have toll centers and points home within their own NPA.

Remarks. Further information is included in the Remarks column as required. Some examples are as follows:

(a) Becomes trib. of "Toll Center or Point Name". Indicates future route of an office when a discontinued date is shown.

(b) Opr. TC "Toll Center Name". Identifies the operating toll center of the (RP, SP, PP, TP) point.

Information contained in this section is used for future planning and to assist in setting up 6-digit translation to foreign areas.

Section 12 - International Codes and Local C.O. IDDD Digit Interpretation - Routing codes are used in connection with IOTC, IDDD and certain IOC calls. This section lists the COUNTRY, and the COUNTRY CODE as assigned by the World Planning Committee. It also lists the International Switching Center (ISC) codes as assigned by AT&T. The International Operator Code 160+XXX is assigned by Long Lines Headquarters-Overseas Network Operations. The XXX after System Code 160 is the actual CC if the code is three digits. If the CC is two digits, the digit zero (0) is suffixed. Use of 160+XXX provides more flexibility in switching traffic to different International Operating Centers without changing the Operating Rate and Route Guide. These codes will be reported by the Long Lines Area responsible for the International Operating Centers.

When IOTC Operation is established to a country, an IOTC First Stage Outpulse Code for each country will be assigned. The format of this code is 011+XXX. The XXX in this case is a pseudo-country code assigned by Long Lines Headquarters-Overseas and not the actual country code as assigned by the World Planning Committee. The 011+XXX, first stage of outpulsing occurs between the IOTC and the associated toll office.

(Section 12)- It is code converted to an ISC Code for routing to the domestic portion of the proper International Switching Center where it is used to secure an overseas sender at that Center. This establishes a built up connection between the IOTC Operator and the overseas sender, and a signal is returned to indicate to the IOTC Operator that this connection has been achieved.

The Operator then repeats the XXX code to indicate the country of destination and follows it with the digits required to reach the distant called station or operator. Local offices with IDDD capability must generate the ISC code dependent upon the country code dialed. The proper ISC code and its route, in both IOTC and IDDD operation, is obtained from the Long Lines Routing Plan.

This section also lists for IDDD Local Central Offices the number of digits to be expected, "EXACT OR VARIABLE", to complete compiliation of the digit interpreter table. It will specify whether an exact number of digits should be expected and the exact number of such digits or whether the number of expected digits is variable, in which case this section will specify the number of digits after which critical timing should be started.

Section 13 - TWX Operating Centers and Converter Locations.

13(a) TWX Operating Centers. This section identifies the TWX Operating Centers in the United States and Canada, the NPA in which they are located and the NPA's (including States and Provinces) that each serves on a terminating basis.

3-Row TWX assistance traffic from customers generally is routed to the assistance switchboard that serves the NPA in which the customers' serving office is located. Inward assistance traffic is routed to the switchboard which serves the NPA in which the customer is located.

Cross boundary 3-row TWX stations with divided access lines (DALC) are routed on an originating basis to the assistance board serving the NPA in which its originating serving office is located. On a terminating basis, the inward assistance traffic is routed to the switchboard that serves the NPA in which the customer is located. If the NPA's are served by different TWX Operating Centers, separate assistance boards are involved in giving complete assistance service to these particular TWX stations. Similarly, separate assistance boards may be involved when a local office serving TWX stations homes on a toll switching center in another NPA.

4-Row TWX and SAC 710, 810 or 910 customers are routed to the switchboard that serves the NPA in which the 510 or TWX Switching Plan serving office is located. Inward assistance traffic is routed to the same switchboard.

Information in this section is used in the preparation of TWX assistance operator position bulletin information and for routing assistance traffic.

13(b) TWX Converter Locations. This section lists the No. 4 toll switching offices in the United States and Canada that are equipped with speed-mode converters.

13(b) During "Phase II" of dial TWX routing when there is a mixture of 3-row and 4-row machines a converter is interposed on calls between dissimilar machines.

All Regional Centers except San Bernardino, Calif. and Regina, Sask. are equipped with converters. In addition, Sectional Centers having TWX Operating Centers and located some distance from their home Regional Centers are similarly equipped.

This information is used to assist in determing the converter location to which 3-row to 4-row and 4-row to 3-row calls are routed.

Section 14 - TWX 510 Central Office Codes. This section covers the allocation of the 510 Special Area Code (SAC) central office codes. These are 4-row TWX stations which are terminated on regular telephone offices and numbered as 510+NNX-XXXX. Generally, all codes in this section are treated as working codes. Where appropriate, the 510 serving office, Home No. 4, NPA served and effective date are shown for each 510 SAC central office code. Columns are arranged as follows:

"510 CENTRAL OFFICE CODE". All central office codes of the 510 SAC are arranged numerically in this column.

"510 SERVING OFFICE". 510 serving offices are shown in this column adjacent to the central office codes with which they are associated. This is the office at which the RX Loop of the subscriber is connected. The letters "NA" are shown in this column if the corresponding code (or codes) has not been associated with a 510 serving office. "SPARE" is shown if the corresponding code (or codes) has not been assigned to a 510 serving office or an NPA.

"HOME NO. 4A OR 4M". The No. 4 offices shown in this column are those toll crossbar offices furthest down the routing ladder in the DDD final route chain to their corresponding 510 serving offices. Where no 510 serving office has been designated for a code the No. 4 shown is considered to be the home No. 4 for the code and this code will eventually be assigned to a 510 serving office that homes on the No. 4. "SPARE" is shown if the corresponding code has not been assigned to a 510 serving office, Home No. 4 or NPA. These particular central office codes are being held in reserve and their assignment is administered by Long Lines.

"DDD NPA SERVED". Entries in this column indicate the regular NPA whose rate centers are served by the corresponding 510 central office codes. The letters "NA" or "SPARE" are entered when an allocated central office code(s) is not assigned to serve a given NPA.

"EFFECTIVE DATE". Entries indicate the date of a future change in some phase of 510 central office code assignment or routing.

Information in this section is used in the preparation of orders for 015+NNX translator cards.

Section 15 - TWX Switching Plan Information. This section contains routing information that pertains to 4-row TWX stations served by offices of the TWX Switching Plan. These stations are assigned central offices in the 710, 810 or 910 SAC and numbered for example, 910+NNX-XXXX. Information in this section is arranged as follows:

(Section 15)

15(a) SAC Map. This map shows the boundary lines of the areas served by the SAC codes 710, 810 and 910 in the United States and the 610 in Canada.

15(b) TWX Switching Plan Homing and General Information. The 710, 810 and 910 No. 5 Crossbar serving offices are listed in this subsection in alphabetical order by Special Area Code. Pertinent information for each serving office is arranged in columns as follows:

"CLASS". The abbreviation of the class of each serving office is shown in this column. Routing principles applicable to the TWX Switching Plan are similar to those used in the DDD network except no "Principal City" type routing is employed and there are just three classes of switching office, namely:

(1) Primary Office (PO). This is the highest level switching office of the TWX Switching Plan hierarchy. All primary offices are interconnected by final trunk groups.

(2) Secondary Office (SO). This is the second level of office in the TWX Switching Plan. They have a final group to their home primary office and may have HU groups to other TWX Switching Plan offices.

(3) Tertiary Office (TO). All TWX Switching Plan serving offices other than primary offices and secondary offices are designated as tertiary offices. Each tertiary office has a final group to its home secondary or primary office and may have HU groups to other TWX Switching Plan serving offices.

"HOME TWX OFFICE". The home switching office for each secondary or tertiary office is shown in this column. A dash is shown opposite each primary office.

"HOME NO. 4A OR 4M". The No. 4 office furthest down the routing ladder in the DDD final route chain to the TWX Switching Plan serving office is shown in this column.

"CONVERTER LOCATION". Calls that originate at a given TWX Switching Plan serving office and require speed and mode conversion are routed to the converter location shown in this column.

"OPR. CTR. NPA". The NPA code of the TWX operating center that furnishes assistance for the TWX Switching Plan serving office is shown in this column.

"EFFECTIVE DATE". This is the date that a serving office will be ready to serve stations on the TWX Switching Plan, discontinued from the Switching Plan or other associated changes.

15(c) SAC Alphabetical and Numerical Central Office Code Allocations. A summary of the allocation of SAC 710, 810 or 910 central office codes is shown in this subsection. Central office codes that have not been allocated to a TWX Switching Plan serving office are shown as "SPARE". Lists are arranged as follows:

(1) The TWX Switching Plan serving offices are listed alphabetically by SAC codes. The central office codes are grouped numerically with each TWX Switching Plan serving office. Also shown are the total number of central office codes allocated to the serving office.

(2) The central office codes are arranged numerically by SAC code followed by their serving office.

(Section 15)

15(d) TWX Switching Plan Routing Information. This subsection contains detailed information for routing calls to individual serving offices of the TWX Switching ing Plan. This data is arranged in columns as follows:

"SERVING OFFICE". The TWX Switching Plan serving offices are arranged under this heading in alphabetical order.

"SAC". The Special Area Code in which the TWX Switching Plan serving office is located is shown under this heading.

"CENTRAL OFFICE CODES ASSIGNED". This list contains central office codes, arranged by Special Area Code, which are working in the TWX Switching Plan serving office. (All of the codes allocated to a particular serving office, as indicated in Subsection 15(c), will not necessarily be included in this list.) Where the office serves rate centers in more than one DDD NPA, the central office codes are grouped by DDD NPA served.

For each NPA served by a given TWX Switching Plan serving office, a token group of central office codes are preassigned but not associated with any specific rate center. The suffix letter "-P" identifies these as pre-assigned codes. This arrangement enables service to be established quickly for any rate center for which the requirement of a code was not anticipated. Where there are a minimum of NNX codes available the use of a "basket code" will suffice. (A basket code consists of a central office code and several line number blocks, each of which serves a different rate center.) When any of the codes allocated to an office are served from another TWX Switching Plan office on an interim basis, this is indicated by use of the heading, "Codes served from other offices on an interim basis". Under this heading is the name of the interim serving office and a list of the codes served therefrom with associated routing information as required by the interim serving office.

When codes of another office are served from a particular office on an interim basis, this is indicated by use of the heading "Other offices whose codes are served from this office on an interim basis". Each serving office will be listed under this heading for cross reference purposes. The specific codes are determined by referring to the serving office listed under this heading.

"NO. DIGITS ON TERM. CALLS". The entry in this column indicates the number of digits to be spilled to the TWX Switching Plan serving office. 10-digits are delivered to all primary offices and 5, 7 or 10-digits are delivered to secondary offices as required by the particular office.

"DIRECTING DIGIT". Where a specific directing digit is required at a secondary office ("5" is shown in "NO. DIGITS ON TERM. CALLS" Column), the particular digit is shown in this column. When the last digit of the called central office code is delivered, the note "F Digit" is shown. (This is the sixth or F digit of a 10-digit number.) A dash is shown in the column when no directing digit is required.

"DDD NPA SVD". This column indicates the NPA code of the Numbering Plan Area served by the central office codes grouped in the "CENTRAL OFFICE CODES ASSIGNED" column.

"EFF. DATE". The scheduled dates for changes in routing information are shown in this column. Also indicated is the future cutover date of a TWX Switching Plan serving office. In this case there would be a corresponding discontinue date aligned with the interim serving office information covered in the "CENTRAL OFFICE CODES ASSIGNED" column.

Information in this section is used by the Traffic Routing Engineers for determining routing codes, operator position bulletins, planning and reference purposes.

Section 16 - Canadian TWX Routing Information. This section covers the routing of dial TWX calls from the United States to Canada and TWX routing within Canada.

Canadian TWX customers are served by 4-row, 100 wpm stations that terminate at selected telephone offices. Canadian TWX subscribers are assigned central office codes within the 610 SAC and have numbers of the 610+NNX-XXXX type.

Information in this section is arranged as follows:

16(a) United States to Canada TWX Routing. This subsection covers the required coding and "Destination Cities" for the routing of dial TWX calls from the United States to, or toward, specific switching offices in Canada. Canadian TWX NNX codes are assigned in groups to serve specific geographical areas. The first one or two digits of the NNX code identifies the area location of the called subscriber. Each geographical area is served by a switching office known as the "Canadian Destination City". Calls to Canadian TWX subscribers are routed on the normal first and alternate telephone routes to or towards the "Canadian Destination City".

Information is arranged in columns as follows:

"INCOMING CODE AT U.S. SWITCHING OFFICE". This column identifies the codes that are delivered to the U.S. switching offices having direct circuits to a "Canadian Destination City". These switching offices receive the codes on a 016+NNX basis and route them to the "Canadian Destination City" that serves the area to which the particular NNX codes are assigned.

"GEOGRAPHICAL ASSIGNMENT". This column indicates the corresponding geographical areas served by each of the NNX codes in the preceding column.

"CANADIAN DESTINATION CITY". These are the Canadian switching offices on which Canadian TWX serving offices of a given area are homed for inward traffic. Arrangements for completing TWX calls from the "Destination Cities" to the TWX serving offices are handled internally in Canada.

"ON DIRECT ROUTE-SPILL". These are the codes that the "Canadian Destination Cities" receive from the U.S. switching offices for the completion of the TWX calls.

"ON 1ST OR AAR TO ANOTHER CANADIAN OFFICE-SPILL". These are the codes that are spilled to a Canadian office on an alternate route basis from a U.S. switching office. This column contains a dash when the "Canadian Destination City" is either of the Regional Centers Regina or Montreal.

"ON 1ST OR AAR VIA A U.S. OFFICE-SPILL". These are the codes that are spilled to U.S. switching offices on a 1st or an alternate route basis.

16(b) Intra-Canada TWX Routing Information. The information contained herein covers the routing of Intra-Canada TWX calls and is published for use by the Canadian Companies only.

Information in this section is used by the Traffic Routing Engineers for coding, routing and reference purposes.

TRAFFIC ROUTING GUIDE

American Tel. & Tel. Co.
Long Lines Traffic Dept.

TYPE OF MACHINE	FOREIGN AREA TRANSLATION	ALTERNATE ROUTING	DELETION OF DIGITS	CODE CONVERSION	PREFIXING OF DIGITS (DELETE 0)	NO. OF DIGITS TRANSLATED FOR ROUTING
No. 4A (4M) Crossbar Card Trans. & Elec. Trans. Sys. (ETS)	Yes All Areas.	Yes 10 Routes.	Yes Deletes none, 3 or 6 digits.	Yes Deletes first 3 or 6 digits and replaces with any 1, 2 or 3 digits.	1, 2 or 3 digits.	3, 4, 5 or 6 digits.
Crossbar Tandem	Yes 20 Areas Max. of 60 route treatments per code.	Yes Ring Marker - Unlimited Relay Marker - with GB's-10 without GB's-4	Yes Deletes none, 1, 2, 3, 4, 5 or 6 digits.	Yes Deletes first 3 or 6 digits and replaces with any 1, 2 or 3 digits.	1, 2, or 3 digits. Prefixed to min. of 3, max. of 11 digits.	3 or 6 digits plus 11XX or 11XXX.
No. 5 Crossbar	Yes 12 Areas Max. no. of foreign area route treatments-200. (100 for first 6 areas & 100 for second 6 areas).	Yes 4 Routes - each route can test a max. of 20 trunks per TLF (40 if allotted).	Yes Deletes none, 1, 2, 3, 4, 5 or 6 digits.	Yes Deletes 1, 2, 3, 4, 5, or 6 digits and replaces with any 1, 2 or 3 digits.	1, 2 or 3 digits. DP and WS MF senders prefix 1, 2 or 3 digits; MF senders prefix "11" and/or one arbitrary digit.	1, 2, 3, or 6 digits. Normally only 3 or 6 digit translation required for Toll; also translates "X11""11X" and "11XX" codes.
SxS Intertoll with CAMA	Yes 3 Areas Sixty Terminating routes to be apportioned among a max. of 3 foreign areas.	Yes 2 Routes (i.e., 1 advance route)	Yes Deletes none, 3 or 6 digits.	Yes Deletes 3 or 6 digits and replaces with 1 to 5 digits.	1 to 5 digits.	3 or 6 digits.
No. 1 ESS (2 Wire Class 4)	Yes Up to 64 depending on local Rate Center requirements.	Yes 6 Routes.	Yes Deletes none, 1, 2, 3, 4, 5 or 6 digits.	Yes Deletes 1 thru 6 and replaces with 1, 2, 3 or 4 digits.	1, 2, 3 or 4 digits.	3, 4, 5 or 6 digits.

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REPORTING PROCEDURES

GENERAL

Routing Engineers in each Associated Company office are responsible for keeping the System informed of changes in their own area (Bell and Independent) which affect dialing into their offices by operators and customers. Exceptions to this are certain of the Independent Telephone Companies in provinces of Canada, which forward reports directly to the Long Lines Traffic Routing Engineer's office in Kansas City.

Revised pages are issued daily to all recipients of the Guide. Included in these pages are changes reported in the approximately two week interval preceding each issue date. Although changes are reflected on a continuing basis in the TRG, information must be reported in accordance with a schedule that satisfies the requirements of the associated publications, the Operating Rate and Route Guide (ORRG) and the Distance Dialing Reference Guide (DDRG) which are published monthly. The ORRG obtains all of its routing changes and codes from the information published in the TRG. The DDRG is also dependent in part on information published in the TRG. Therefore, it is necessary to observe definite intervals in reporting information for the TRG so that changes will be included in the associated publications. For example, in the ORRG issue to be dated March 16, 1974 all changes which would be in effect on or before April 6, 1974 should be in this office by January 1, 1974 at the very latest. Changes to be reflected in the April 20, 1974 issue should be in this office by February 1, 1974.

It is therefore of the utmost importance that both the Associated and Independent Companies maintain an established routine for reporting changes as far ahead as possible, and to maintain established cutover dates. If it is impossible to meet your cutover date after the information has been published it is the responsibility of the reporting company to make equipment arrangements to complete calls to this office.

In order to minimize the frequency of work in reprinting switchboard bulletins, supplementary lists, machine changes and other associated items, routing changes are made only on cutover dates.
X The first and third Saturdays of each month are designated as nationwide standard cutover dates, except when there is a conflict with a major holiday. (A list of the selected "cutover" dates is shown in Attachment No. 1.)

All changes which affect distance dialing routing information should be effective on one of the designated days. These include such items as the cutover of a new dial office; change in toll centering arrangements; new or discontinued intertoll trunk groups; code changes; changes in the
X number of digits; the relocation of coin telephones in a different thousand series and changing directory assistance to a centralized location.

X Whenever feasible it is desirable to schedule all such changes on the third Saturday cutover date in order to eliminate the need for double line entries in the ORRG.

In order to provide the required time for compiling, printing and disseminating routing information and for the performance of routing work in the field, information must be furnished to this office in accordance with the following minimum intervals:

Three Months - New and discontinued central office codes (telephone and TWX), change in type of switching equipment.

Four Months - Change in toll center code, change in coin series, change in subscribers numbering plan, new and discontinued tributaries, changes in arbitrary routing codes, new and discontinued exception localities, changes in "TRIBS. REACHED THRU:" listings, new or discontinued intertoll trunk groups.

Six Months - Change in NPA boundary, assignment of a new NPA code, new or discontinued toll switching office.

Since a change in cutover date may necessitate the correction of bulletins, supplementary information and machine orders in a great number of offices throughout the System, the importance of maintaining an established date is evident. If a change in any date already submitted to the Long Lines Traffic Routing Engineer becomes unavoidable, it should be reported on the next report unless the date involved falls short of the minimum interval, in which case the change should be reported by Data-Phone message and confirmed on the next report.

EFFECTIVE DATES

Dates shown in the "Effective Date" column of the TRG are used for routing purposes. Entries without dates are in effect now. Generally a specific date will be shown to give advance notice of a change which is planned and double line entries are used when a listing which is in effect is being changed. The listing which is in effect and undergoing a change is designated with a ds. (discontinue) preceding the date. (e.g. ds. 3-16-74) To avoid confusion, listings in Section 10 should not be shown with a definite month and day beyond a twelve-month period. Where experience with certain offices indicate that specific dates can not be met it is advisable to indicate only the month or quarter in which the change is planned. Dates which are not specific will not be removed until information is received which either confirms the date or indicates it is effective now. Examples of the various types of entries to be found in the "Effective Date" column are as follows:

3-16-74 Indicates the associated listing is to be effective on March 16, 1974. This date may still be shown in the TRG even after the cutover date has passed until such time as a change is received which necessitates the page being revised.

March 1974 Indicates the associated listing is to become effective sometime during the month of March in 1974.

1Q'74 Indicates the associated listing will become effective during the first quarter of 1974. This could be either the month of January, February or March.

1974 Indicates that for an associated listing a change will occur sometime during the year 1974. Usually a date this general would not be published unless a previously advertised change had been slipped to the extent that it would be informative in order to retain the listing until a new date is determined.

FORWARDING REPORTS TO LONG LINES

Information reported for the TRG is forwarded to:

X

Long Lines Traffic Routing Engineer (TRG)
American Telephone & Telegraph Company
811 Main Street, Room 681
Kansas City, Missouri 64141

Additional copies of report Forms TAW-245, TAW-246 and TAW-266 may be obtained by filling out and returning the Transmittal Form to the above address.

REPORTING INSTRUCTIONS FOR SECTIONS OF THE TRAFFIC ROUTING GUIDE

The format to be used by the Long Lines and Associated Company Routing Engineers for reporting information to change these sections are shown in Exhibits 1 through 19.

A complete form should be prepared for each section as it becomes necessary to report changes. It would be advisable to keep these pages up to date by monthly issuance of replacement pages covering all changes which are known in advance. That is, only those pages which actually contain a change from the previous page need be included in the monthly report. Pages need not be revised just to remove past dates or past changes. However, it is advisable once a year to review the sections that have not changed for a year and revise the page or pages involved with a current prepared date.

When a listing is reported for the first time, a single listing with the effective date is adequate. When the information concerning a listed item which is in effect is to be changed, a double listing should be used. A comparison of the listings will denote the specific change.

In those situations where a change has already been made on a listed item the item should be modified to include the change without any date. The X shown in the margin will indicate that a change has taken place.

Certain changes affect information in more than one section. In these instances, coordinate the reports for the affected sections.

A check sheet similar to the one included with each TRG issue will be included with the monthly report with an "X" indicating pages revised and included with the current monthly report. (See Exhibit No. 1)

Section 2 (See Exhibit No. 2)

2(a) 1. Enter on the first line in parenthesis the administrative area(s) for which the reporting office is responsible. Every NPA should have only one coordinator.

2. Enter the name and title of the assigned inward WATS coordinator. (This should be a person who is actively participating in the details of assigning and routing for the project.)

3. Enter name of the company.

4. Enter the mailing address and street name.

5. Enter city name, state abbreviation and zip code number.

6. Enter the telephone number of the coordinator.

7. Enter the Data-Phone number of the coordinator.

2(c) 1. Enter the column headings of this subsection shown on the numeric lists on both page 1 and 2.

2. Enter on both lists the "800-NNX" code for which you are responsible.

3. Enter on both lists "TEL. NPA" corresponding to the 800-NNX.

4. Enter on both lists the name of the associated "INWARD WATS STATE".

5. Enter in the "Effective Date" column the date of any future change.

2(d) 1. Enter the column headings of this subsection.

2. Enter the "INWARD WATS STATE, 800-NNX and TEL. NPA" as shown in 2(c).

3. Enter in the "PRINCIPAL CITY" column the name of the Principal City assigned to each reported inward WATS NPA.

4. Enter in the "Effective Date" column the date of any future change.

2(e) 1. Enter the column headings of this subsection.

2. Enter the "PRINCIPAL CITY, TEL. and INWARD WATS NPA" as shown in 2(d).

3. Enter in the "1XX SERIES" column the 12X, 13X, 14X, 15X or 16X band screening series assigned to each reported Principal City.

4. Enter in the "Effective Date" column the date of any future change.

2(f) 1. Enter the column headings of this subsection.

2. Enter the STATE and TEL. NPA for which you are responsible.

3. Enter the ORIGINATING SCREENING OFFICE where 800+NNX calls are six-digit translated for both inter and intrastate traffic. Specify if Intra only.

4. Enter MACHINE TYPE and EFFECTIVE DATE of any future change.

2(g) 1. Canada only - Enter the routing as in a, c, d, e, and f.

Section 3 (See Exhibit No. 3)

1. Enter on the first line in parenthesis the administrative area for which the reporting office is responsible.

2. Enter name of the contact, followed by the job title.

3. Enter name of the company.

4. Enter the mailing address and the street name.

5. Enter city name, state abbreviation and zip code number.

6. Enter the telephone number and the Data-Phone number.

X

Section 5 (See Exhibit No. 3)

1. Enter the column headings of this section.

2. Enter in the "NPA" column the NPA codes for which you are responsible.

3. Enter in the " Principal City " column the name and if applicable the number of the principal city switching machine for each designated NPA.

4. Enter in the "Effective Date" column the date of any future change. Use phrase "Now" when switching machine is now functioning as "principal city."

Section 6 (No Exhibit)

Lists all System Operator codes. Changes to this section will be covered by A. T. & T. Headquarters.

Section 7 (See Exhibit No. 4)

1. Enter the column headings of this section.

2. Enter in the "State-NPA" column the state and NPA for which you are responsible.

3. Enter in the "Toll Center Route" column the state(s) and toll center(s) which serves tributaries in the NPA listed in the "State-NPA" column. If there are cross boundary TWX C.O. codes (that is, TWX C.O. codes which are numbered in the NPA and state listed in column one) enter "(TWX)" following the terminating serving office name.

4. Enter the effective date of any change in the information in this section.

Section 10 (See Exhibits 5 - 14)

A separate report using Form TAW-266 should be prepared for each toll center and point. Information regarding each of these switching offices is arranged consecutively in Items A through F as discussed in detail in Section 1.3, plus Item G as described in this section.

Information on Form TAW-266 should be entered in the following manner:

Item A. Name of the Metro TCA with Associated Switching Offices.

Metro Toll Center Area (See Exhibit No. 5)

1. Enter the letter A in the left margin. Enter the NPA in which the toll center is located. Enter in capital letters the name of the Toll Center followed by phrase Metro TCA. Enter in the order of switching rank all of the switching offices in the Metro TCA followed by RC, RP, SC, SP, PC, PP. Enter Prin Sector by the switching office that is the principal sector for the Metropolitan Toll Sector Arrangement. Enclose the listings in asterisks.

Name of the Toll Center or Point With Associated Information.

Toll Center (See Exhibits No. 5 & 6)

1. Enter the letter A in the left margin. Enter the NPA in which the switching office is located. Enter the toll center code or "+" as appropriate.
X Add the ★ if directory assistance for this Toll Center will be centralized.

   Enter "Complete 7D" if the toll center and all of its tributaries are 7D through the TC.

2. Enter in capital letters the name of the toll center. Enter type of machine (unless SXS) include designation (ETS) for Electronic Translator System; CLLI code; central office codes in numeric sequence, digits in telephone number (if other than 7-digits) and the coin series.

   Enter in the "Dial Code" column the code necessary to reach subscribers at the toll center. When the entry "Complete 7D" was made on preceding line leave this space blank. Indicate the symbol "+" if toll center requires only the digits of the subscribers number. Enter "Arbitrary Code + (Digits)" if toll center requires an arbitrary code to trunk to subscribers. Enter "RD" if toll center is ringdown in operation.

3. Enter "Zone No." if the toll center is zoned in ORRG, followed on the next line by the central office codes arranged in numeric sequence.

(Section 10)

4. When discontinuing or adding a new toll center, a suitable explanation should accompany the listing, for example, "(Becomes trib. of Bigtown)" or "(Formerly trib. of Bigtown)" or "(Becomes a RP, SP, PP, TP)".

5. Enter the dates in the "Effective Date" column to show a future scheduled change.

X 6. All new or discontinued central office codes or codes involved in rehoming should be enclosed in brackets ([NXX]) followed by the effective date.

A discontinued central office code should be reported discontinued as of the date when subscribers are no longer served by this code.

Point (See Exhibit No. 5)

Reporting is the same as for a toll center except:

1. Enter the name in parenthesis of the toll center performing the inward operator functions after the toll center code.

2. Enter the OXX code for reaching the testboard beneath the toll center code where required.

3. Enter the 1XX code for reaching the testboard beneath the NPA code if a system code has been assigned for reaching the testboard.

4. Enter the designation RP, SP, PP, or TP after the "point" name.

Item B. TWX Central Office Codes - Non-Telephone, NNX Routing Codes Used as TWX Central Office Codes and TWX Operator Codes.

TWX C.O. Codes - Non-Telephone (See Exhibit No. 7)

TWX central office codes are listed under the toll center or point to which they are delivered on a terminating basis.

1. Enter the letter B in the left margin. If there are none, state None. Otherwise, enter the heading "TWX C.O. Codes - Non-Telephone".

2. Enter the central office codes in numeric sequence. Codes which serve only TWX stations in rate centers that are in the same NPA as the toll center should be listed first.

3. Preassigned codes are followed by the letter "P", for example, 332-P. This code requires no underlining. When activated, the letter "P" should be deleted.

4. Codes which serve five or less TWX stations should be underlined, for example, 443. This latter information does not need to be kept current but should be reviewed periodically (at least semi-annually) and brought up to date.

5. When a code needs to be converted at a preceding office (or offices) which is administered by another Area or Company, such a code should be followed by the letters "cc" for code conversion and then by the code to be delivered to the terminating toll center's SXS toll switching office, for example, 554-cc-221 indicates that the C.O. Code 554 should be converted to 221.

(Section 10)

6. Where a code serves TWX lines in a neighboring NPA, such codes should be prefixed with the NPA code of the cross boundary point, for example, 908-432.

   The NPA portion of a TWX line number should be the code of the numbering plan area in which the teletypewriter is physically located even though it is served on a remote exchange (RX) basis from a different NPA. In the case of foreign exchange service from a foreign NPA, the assigned NPA code should be the same as the serving office.

7. In the dial code column indicate the total number of digits to be delivered to the toll center or point, 7D (unless the toll center or point is Complete 7D) or an NPA code + 7D. In the latter case indicate the actual NPA code, for example, 908+7D.

8. Enter the effective date that any central office code will be established, discontinued, rehomed or reused as a working telephone central office code.

9. A discontinued central office code should be reported discontinued as of the date when subscribers are no longer served by this code.

NNX Routing Codes Used as TWX Central Office Codes (See Exhibit No. 7)

1. Enter the heading "NNX Routing code used as TWX C.O.".

2. Enter in numeric sequence the TWX C.O. codes which are shown as arbitrary routing codes.

3. Enter the dates in the "Effective Date" column to reflect a future scheduled change.

TWX Operator Codes (See Exhibit No. 7)

Areas which report dial routing information for a toll switching office which is in one of the TWX assistance switchboard toll center locations should include the following additional information on their reports:

1. Enter the heading "TWX Operator Codes".

2. Enter the Codes 954, 014, 130 and 140.

3. Enter in the "Dial Code" column the symbol 7D opposite the Codes 954 and 014. Opposite the Codes 130 and 140 indicate the symbol 3D.

Item C. Exception Localities and Exception Localities Reached Through The Principal City Switching Machine.

Exception Localities (See Exhibit No. 8)

1. Enter the letter C in the left margin. If there are none, state None. Otherwise, enter heading "Exception Localities".

2. Enter the name of any locality which requires a different routing code than its rate center. (The rate center may be either a toll center, point or tributary as determined by consulting the ORRG.) An exception locality must be reported for inclusion in the TRG before the ORRG can publish it as an exception.

(Section 10)

3. Enter any associated information such as subscriber numbering and coin series.

4. Enter the code in the "Dial Code" column.

5. Enter the dates in the "Effective Date" column to reflect a future scheduled change.

6. When discontinuing an exception locality a suitable explanation should accompany the listing to indicate the change which will be made in the ORRG, for example, "(Will take same dial code as Rate Center Name)". The central office codes of localities which are no longer exceptions are listed with the central office codes of their rate centers.

Exception Localities Reached Through Principal City Switching Machine
(See Exhibit No. 8)

If any exception locality may be dialed directly from its own toll center or point and also from the principal city which is reported by you, the route should be shown as follows:

1. Enter the heading "EX. LOCS. REACHED THRU".

2. Enter the principal city switching office which is providing translator cards (or the equivalent) to reach the exception localities shown in capital letters. Enter the designation "(Skip NPA)" following the principal city switching office which is in the same NPA as the exception locality.

3. Enter the phrase "Same code as (thru Toll Center or Point Name)" if the same code is required thru the principal city switching machine. Enter "Except" and list any exceptions.

Item D. Tributaries and Tributaries Reached Through The Principal City Switching Machine or Principal City Switching Machines.

Tributaries (See Exhibits No. 9 & 10)

1. Enter letter D in the left margin. If there are none, state None. Otherwise, enter the heading "Tributaries".

2. List all tributary offices of the toll center or point in alphabetical sequence. List the word "Sectored" in parenthesis following the tributary name if this tributary is in a Metro TCA and part of its central office codes are served at another switching office.

   Toll stations are not included in the list of tributary points.

   The spelling of names in the TRG and ORRG should agree.

3. Enter for each tributary such information as central office codes, digits in telephone number, directing digits and county name, as appropriate.

4. Enter in the "Symbols" column the coin series or rd as appropriate.

5. Enter in the "Dial Code" column the code required by the toll center or point to complete calls to each tributary office.

   Enter 121 in the "Dial Code" column when the associated office must be reached through the inward operator.

(Section 10)

6. Where changes are made in a toll center or point arrangement, i.e., a tributary is rehomed on a different toll center or point, a toll center or point becomes a tributary, enter a suitable explanatory note, such as: "(Formerly trib. (or ts) of ---)", "(Becomes trib. (or loc.) of ----)", "(Name chg to ----)" or "(Will be discontinued)", as appropriate.

7. If a new place, not previously in the ORRG is listed, enter (New Trib.) to indicate it will be filed as a new rate center.

8. Any listing which is to be used only for Associated Company traffic should be designated with a "$".

9. Indicate by numbered footnotes any supplementary information which should be made available to other companies.

10. Where tributaries are in a different state or NPA than the toll center or point and are reached by the toll center or point on a 7-digit basis, enter 7D in the "Dial Code" column. If the toll center or point reaches these cross boundary tributaries on a 10-digit basis, enter NPA+ 7D.

11. Enter the dates in the "Effective Date" column to reflect a future scheduled change.

Tributaries Reached Through the Principal City Switching Machine or Principal City Switching Machines (See Exhibits No. 9 & 10)

If the tributaries may be dialed directly from their own toll center or point and from the principal city which is reported by you, the route should be shown as follows:

1. Enter heading "TRIBS REACHED THRU:" when all tributaries of the toll center or point are reached with the toll center or point area code. Enter principal city in capital letters followed by "Skip NPA".

2. When there are cross boundary tributaries of the toll center or point enter "STATE NPA TRIBS REACHED THRU" followed by the homing principal city in lower case.

3. Enter the phrase "Same codes as (thru Toll Center or Point Name)" if the same code is required thru the principal city switching machine.

4. Enter "Except" and list any exceptions.

NOTE: If the principal city is reported by another company or area see item G.

RP, SP, PP, TP Inward Operator Traffic (See Exhibit No. 10)

1. List all points for which you handle their inward operator traffic at this toll center.

(Section 10)

Item E. Terminating Tandems.

Terminating tandems are reported for this publication when a switching office in a different Associated Company or Long Lines has a direct trunk group to the tandem.

X Auxiliary Switching Systems. (See Exhibit No. 11)

X 1. Enter the letter E in the left margin. If none, state None. Otherwise, enter heading "Auxiliary Switching Systems."

X 2. Enter whether Terminating Tandem or End Office-Toll.

X 3. If a Terminating Tandem, enter its name and type of machine if other than SXS. If more than one tandem list in alphabetical order.

4. For a full terminating tandem, that is a tandem where all items A through D or all items except certain TWX and operator codes can be reached, enter "Use same codes as thru Toll Center Name and Toll Center Machine type" followed by "Except" and a list of the exceptions if any.

5. For a partial terminating tandem, that is a tandem with exceptions beyond those listed above enter "Partial" in parenthesis following the tandem name and machine type and list in numerical sequence the codes that may be reached in this tandem.

6. Enter beneath tandem name the CLLI code in parenthesis.

7. Enter the dates in the "Effective Date" column to reflect a future scheduled change.

X 8. If an End Office-Toll, enter its name and type of machine followed by the number of digits expected in parenthesis. Enter the CLLI code in parenthesis. List all NXX codes served.

Item F. Intertoll Routes. (See Exhibit No. 12)

Dependent points of this CSP switching office should be arranged alphabetically by state and numbering plan areas within each state. These are the toll centers or toll points that "home" on the CSP as shown in Section 11.

Information should be entered on the report form as follows:

1. Enter the letter F in the left margin. If there are none, state None. Otherwise, enter the heading "Intertoll Routes".

2. Enter the state abbreviation and NPA preceding each group of listings.

3. Within the NPA's enter the toll centers or toll points in alphabetical order. Include RP, SP, PP or TP in the "Symbols & Abbreviations" column when the switching office is a "Point".

4. Enter in the "Dial Code" column the code(s) required by your switching office to route to the listed toll centers or toll points.

For each intertoll trunk group reached through an inward operator enter the Code 121.

(Section 10)
Item F. For machines 3-digit translating central office and other codes of an NPA or 6-digit translating other NPA's the NOS./T.C. code should be shown on one line. Include the toll center name with the TC code on switching offices designated points (RP, SP, PP, TP) where inward operator functions are performed.

5. Enter in the "Effective Date" column dates which reflect future changes.

Item G. Additional "TRIBS. REACHED THRU:" (See Exhibit No. 13)

"Tribs Reached Thru" is reported as item G for the company or area who does not prepare the individual toll center or point TAW 266. Only the principal city switching machine or the principal city switching machines in the case of cross boundry tributaries are shown, report as follows:

1. Enter the letter G. in the left margin. If there are none, state NONE.

2. Enter the state, NPA, toll center or point name, thru (principal city name) and toll center of point name in "SAME AS" column.

3. The name of the toll center or point is repeated in the "SAME AS" column except where the reporting is for a cross boundry tributary and you are the principal city for the homing NPA. In this case the principal city name for the physical NPA is in the " SAME AS " column.

4. The principal city name "thru (principal city)" is in capital letters if you are the physical NPA principal city.

5. The physical NPA principal city should enter " Except " and show any exceptions where the coding of the tributaries is different than the toll center or point.

6. Enter in the "Dial Code" column the "NPA code +" or "Skip NPA".

7. Enter in the "Effective Date" column the dates for scheduled changes.

NOTE: Where the principal city is within the same reporting area or company this item is reported under item D.

Vacant Central Office Codes (See Exhibit 14)

1. Enter the section heading including the reporting year and the NPA.

2. Enter the codes in numeric order that will be vacant for the reporting year.

3. Do not include codes that are used as route codes to tributaries that are not 7D.

4. Enter ds. if a code must be activated during the year. If a code becomes vacant during the year do not report until the following year.

Section 11 (See Exhibit No. 15)

1. Enter the column headings of this section.

2. Enter in the "STATE NPA" column alphabetically the state(s) and the NPA code(s) in numeric order.

(Section 11)

3. Enter in the "Switching Office" column alphabetically the names of each toll center and point located in each state and NPA. When there is more than one switching machine in the toll center or point enter the number of the machine and type of equipment such as 4A, 4A ETS, XBT, etc.

4. Enter in the "Date of Change" column the future effective or discontinue dates for any switching office scheduled for a change.

5. Enter in the "Sw. Class" column the classification of each switching office (RC, RP, SC, SP, PC, PP, TC, TP).

6. Enter in the "Home CSP" column the control switching point on which this office homes for terminating traffic.

7. Enter in the "Remarks" column explanations as required.

Section 13 (See Exhibit No. 16)

13(a) 1. Enter the column headings of this section.

2. Enter in the "TWX Operating Center" column the name and NPA of your 6A assistance center.

3. Enter in the "State" and "Current NPA" columns the states and their NPA's served by your operating center.

4. Enter the effective date of any change.

13(b) 1. Enter the headings of this section.

2. Under the "Regional" or "Sectional" headings enter the name of your switching office where converters are located. If the office is a sectional center, follow with the name of its "Home Regional Office".

Section 14 (See Exhibit No. 17)

A Form TAW-245 is prepared by each Company or Area which has been allocated 510 SAC central office codes.

The manner in which information should be entered on Form TAW-245 is as follows:

	Column	Detail Instruction
1.	510 C.O. Code	List in numerical sequence each 510 SAC central office code allocated to your Area or Company.
2.	510 Serving Office	Enter the location of the 510 serving office for each code. Enter the letters "NA" (not assigned) for codes not assigned to a 510 serving office.
3.	Home No. 4A or 4M	For each allocated code specify its Home No. 4.
4.	DDD NPA Served	Enter the DDD NPA served by the C.O. code. The letters "NA" (not assigned) are entered in the column "DDD NPA Served" when an allocated code is not assigned to serve a given DDD NPA.
5.	Eff. Date	Dates should be shown in the "Effective Date" column to reflect a future scheduled change.
6	Remarks	Enter any pertinent items of information.

Section 15 (See Exhibits No. 18 & 19)

A separate Form TAW-246 is prepared for each of the TWX Switching Plan serving offices.

The manner in which information should be entered on Form TAW-246 is as follows:

	Column	Detail Instruction
1.	SAC & Serving Office	Enter the SAC code and location of the office, including city and state.
	UNDER "GENERAL INFORMATION" 15(b) ON EXHIBITS	
2.	Eff. Date	Enter the future date that the office will be ready to serve TWX Switching Plan access lines. Absence of a date indicates the office is working. Enter also any date to reflect a future change.
3.	Class	Enter the class of the office as (PO) for primary office, (SO) for secondary office or (TO) for tertiary office.
4.	Home TWX Switching Plan Office	For each secondary office or tertiary office, enter its home switching office location. For a primary office, enter a dash in this column.
5.	Home No. 4A or 4M	Enter the "Home No. 4" of the TWX Switching Plan serving office.
6.	CONVERTER LOCATION	Enter the converter location to which your TWX Switching Plan office is routed.
7.	Opr. Ctr. NPA	Enter the NPA code of the telephone numbering plan area in which the operating center that handles the TWX assistance traffic for this office is physically located.
	UNDER "CODE ALLOCATED" 15(c) ON EXHIBITS	
8.	SAC & Central Ofc.	List by SAC the blocks of central office codes that are allocated to this office. These codes may not all be working under 15(d).
9.	Total No.	Enter the total number of codes allocated.
10.	Eff. Date	No date should be shown in the "Effective Date" column except where it is required to reflect a future change.
	UNDER "ROUTING INFORMATION" 15(d) ON EXHIBITS	
11.	Codes Assigned SAC & Central Ofc.	List by SAC, each central office code which is reserved for a specific rate center, including "basket code(s)". Where the office serves rate centers in more than one DDD numbering plan area, the central office codes also should be grouped by DDD NPA served. (The NPA served is indicated under the column headed "DDD NPA SVD".) Designation of Preassigned Codes. For each NPA served by a given TWX Switching Plan serving office, a token group of central office codes are preassigned which are not reserved for any specific rate center. Each such code should be followed by the letter -P; for example, 251-P.

(Section 15)

12.	No. Digits on Term. Calls	Enter the number of digits to be spilled into the office on terminating calls; that is, calls to customer TWX Switching Plan lines served from this office.
13.	Directing Digit	Enter in this column the required directing digit for routing TWX Switching Plan calls to this office.
14.	DDD NPA Svd.	Enter in the column "DDD NPA SVD" the NPA code of the numbering plan area in which the TWX customers are located.
15.	Eff. Date	Dates should be shown in the "Effective Date" column to reflect a future scheduled change.
16.	Remarks	Enter any pertinent information relating to the items entered under Routing Information.

Note 1. When any of the codes allocated to this office are to be served from another office on an interim basis, add the heading "Codes Served From Other Offices On An Interim Basis" as illustrated on Exhibit No. 19. Under this heading enter the name of the interim serving office and list the codes to be served therefrom. Exhibit No. 19 indicates that the codes allocated to Anytown office are to be served temporarily from the Bigtown (PO). The information entered under the columns headed "No. Digits on Term. Calls" and "Directing Digit" should reflect what is required by the interim serving office. Where two Areas or Companies are involved, the Area or Company whose codes are being served from the interim office will be required to obtain this information from the interim serving location. In this connection, it also should be noted that the numbers which are assigned in the interim serving office should be ones that later will be made available in the home office, thereby avoiding number changes.

Note 2. When codes of another office are to be served from this office on an interim basis, add the heading "Other Offices Whose Codes Are Served From This Office On An Interim Basis" as illustrated on Exhibit No. 18. Under this heading list each such office. Exhibit No. 18 indicates that Bigtown (PO) serves on an interim basis some SAC central office codes that have been allocated to Anytown. The specific codes will be determined by making reference to the TAW-246 (Exhibit No. 19) for the Anytown office.

Note 3. If there are any situations where the number of digits to be spilled into the office on terminating calls is ten and/or seven over some groups and five over other groups, this should be covered by a note(s).

Section 16 (No Exhibit)

16(a). Information concerning routing calls to and from U.S.A. to Canada will be reported by any office named herein which requires a different code arrangement. Reporting procedures are issued to them by the Trans-Canada office at Montreal.

16(b). Information contained herein is reported and used by the Telephone Companies in Canada. Reporting procedures are issued to them by the Trans-Canada office at Montreal.

American Tel. & Tel. Co.
Long Lines Traffic Dept.

GENERAL INSTRUCTIONS
Section 1.4
5th Revised Exhibit No. 1

TRAFFIC ROUTING GUIDE

REPORTS FOR CHANGE NOTIFICATIONS

Attached is revised information for the Traffic Routing Guide from the Bell Tel. Co. Company, Eastern Division. The revisions are indicated by the symbol X.

SECTION # OR SWITCHING OFFICE	PAGE #	DATE REVISED
Section 2	1	9-29-73
Section 3	1	9-29-73
Section 4 (from Canada & Mexico only)		
Section 5	1	6-2-73
Section 7	1	9-29-73
Section 10		
Anytown	1	12-19-73
"	2	12-19-73
Bayview	1	7-8-73
Belvidere	1	7-8-73
Burlington	1	7-8-73
Camden	1	4-4-73
"	2	5-15-73
"	3	12-2-73
Dodgeton	1	1-6-73
Fall City	1	3-5-73
King Mountain	1	1-7-74
Morristown	1	10-1-73
Mount Holly	1	7-8-73
" "	2	11-5-73
Nelsonville	1	7-8-73
Oliver	1	11-5-73
"	2	1-6-73
Principal Town	1	9-29-73
" "	2	11-17-73
" "	3	11-17-73
" "	4	10-1-73
" "	5	10-1-73
" "	5	10-1-73
" "	6	10-1-73
" "	7	8-21-73
" "	8	8-21-73
" "	9	7-1-73
" "	10	7-1-73
" "	11	7-1-73
" "	12	7-1-73
Southland	1	10-1-73
Trenton	1	12-2-73
Vineland	1	12-2-73
Washington	1	11-17-73
Yellville	1	10-1-73
Vacant C. O. Code	1	9-15-73
Section 11	1	11-2-73
" "	2	10-19-73
Section 13(b)	1	10-19-73
Section 14	1	1-19-73
Section 15	1	2-16-73
Section 16 (From Canada only)		

PREPARED BY Miss Jane Doe TEL.No. 909 221-1234 PREPARED DATE 1-7-74

Printed in U.S.A.

ISSUED: February 5, 1974

TRAFFIC ROUTING GUIDE

American Tel. & Tel. Co.
Long Lines Traffic Dept.

GENERAL INSTRUCTIONS
Section 1.4
5th Revised Exhibit No. 2

Associated Company Name
State, Division or Area

Traffic Routing Guide
Prepared Date 9-29-73

SECTION 2(a)

(Anystate)
Mr. John Doe, Title
Bell Telephone Co.
1234 Anystreet
Anytown, Anystate 12345
Tel.-909 222-1234
Data-Phone - 909-876-4321

SECTION 2(c)

800-NNX INWARD WATS NPA	INWARD WATS STATE	TEL. NPA	EFFECTIVE DATE
333	Anystate	909	

TEL. NPA	INWARD WATS STATE	800-NNX INWARD WATS NPA	EFFECTIVE DATE
909	Anystate	333	

SECTION 2(d)

INWARD WATS STATE	800-NNX INWARD WATS NPA	TEL. NPA	PRINCIPAL CITY	EFFECTIVE DATE
Anystate	333	909	Anytown	

SECTION 2(e)

PRINCIPAL CITY	NPA SERVED TEL.	NPA SERVED INWARD WATS	1XX SERIES	EFFECTIVE DATE
Anytown	909	333	12X	

SECTION 2(f)

STATE	TEL. NPA	ORIGINATING SCREENING OFFICE	MACHINE TYPE	EFFECTIVE DATE
Anystate	909	Anytown (Specify if Intra only)	4A ETS	

Printed in U.S.A.

ISSUED: February 5, 1974

Associated Company Name
State, Division or Area

Traffic Routing Guide
Prepared Date 12-20-73

SECTION 3

(Reports for Anystate)
Mr. John Doe, Title
Bell Telephone Co.
1234 Any Street
Anytown, Anystate 12345
Tel. - 909 221-1234 - Data-Phone - 909-876-4321 ds. 7-20-74
Tel. - 909 234-1234 - Data-Phone - 909-876-4321 7-20-74

Associated Company Name
State, Division or Area

Traffic Routing Guide
Prepared Date 10-25-73

SECTION 5

NPA	PRINCIPAL CITY	EFFECTIVE DATE
908	Anytown # 1, Anystate	Now
909	Bigtown, Anystate	Now ds. 7-20-74
909	Prairie, Anystate	7-20-74

. . . . . .

Associated Company Name
State, Division or Area

Traffic Routing Guide
Prepared Date 11-30-73

SECTION 7

STATE-NPA	TOLL CENTER ROUTE STATE-TC		EFFECTIVE DATE
ANYSTATE 905	S.C.	Anderson	ds. 1974
	Tenn.	Chattanooga (TWX)	
		Cleveland	
		Copperhill	
908	Ala.	Montgomery	
	Fla.	Jacksonville	ds. 1974
		Port St. Joe	
	Ga.	Atlanta (TWX)	
		Podunk (TWX)	5-18-74

OTHER STATE 909 NONE

AMERICAN TEL. & TEL. CO.
LONG LINES TRAFFIC DEPT.

SECTION 10

TRAFFIC ROUTING GUIDE
CHANGE NOTIFICATION

COMPANY Bell Tel. Co. DATE PREPARED 12-19-73

STATE, DIVISION OR AREA Anystate SWITCHING OFFICE Anytown

	NPA OR STATE	SWITCHING OFFICES WITH ASSOCIATED INFORMATION AND INTERTOLL ROUTES	SYMBOLS &/OR ABBREVIATIONS	DIAL CODE NOS./T.C.	EFFECTIVE DATE
A.	*909				
(1)	*	ANYTOWN Metro TCA		*	
	*	ANYTOWN SC (Prin. Sector)		*	
	*	ALPHA PP		*	
	*	BOONVILLE PP		*	
	**********			**********	
X A.	909	000+ ★		Complete 7D	
(2)		ANYTOWN #5XB 221; 222; 223 . . . √9 (CLLI Code)			
A.	909	+			
(2)		ANYTOWN 4A . . . . . √8,9 (CLLI Code) 221; 222; 223; 324; 525; 526; 827		7D	
A.	909	099+			
(2)		ANYTOWN (5) XBT . . . . . √9 (directing digits 2,3)		49+(5 Digits)	
		Operators			
A.	909	000+			
(2)		ANYTOWN (5,7) . . . . . √9 (CLLI Code)			
		With 7 Digit Numbers (7) 274		7D	
		and With 5 Digit Numbers		121	
		Operators		+	
A.	909	000+ (Alpha)		Complete 7D	
(2)		099+ Tst. Bd.			
		ANYTOWN TP. . . . . √9 (CLLI Code) (Sector) 221; 222			
A	908	000			ds. 8-17-74
(3)	909	099			8-17-74
		ANYTOWN 487		RD	
		(1) Example of Metro TCA heading (2) Examples of Toll Center or Point headings (3) Change of NPA code or toll center code			

X = CHANGE $ = ASSOCIATED COMPANY

SECTION 10

TRAFFIC ROUTING GUIDE
CHANGE NOTIFICATION

COMPANY Bell Tel. Co. DATE PREPARED 12-19-73

STATE, DIVISION OR AREA Anystate SWITCHING OFFICE Anytown

	NPA OR STATE	SWITCHING OFFICES WITH ASSOCIATED INFORMATION AND INTERTOLL ROUTES	SYMBOLS &/OR ABBREVIATIONS	DIAL CODE NOS./T.C.	EFFECTIVE DATE
XA.	909	000+			ds. 9-21-74
(1)		ANYTOWN (4)	√9	+ (4 Digits)	
X	909	000+			9-21-74
		ANYTOWN . . . . . (CLLI Code) 221; 226; 434	√9	7D	
A.	909	000+			
(2)		ANYTOWN . . . . . SXS . . . . . #5XB . . . . . (CLLI Code) 229; 876	√9	7D	ds. 4-20-74 4-20-74
A.	909	+		Complete 7D	
(3)		ANYTOWN #2 4A & #3 XBT . . . . . (CLLI Code) Zone 1 221; 223; 225; 227; 228; 229; 338; 349; 358; 431; 432; [444] 544; 565; 578	√9		ds. 2-16-74
(3)		[579] 598; 678; 789; 898; 987			3-16-74
A.	909				
(4)		ANYTOWN . . . . . (CLLI Code) (Becomes trib. of Bigtown)		RD	ds. 11-16-74
A.	909	099+		Complete 7D	9-21-74
(5)		ANYTOWN 221 . . . . . (CLLI Code) (Formerly trib. of Bigtown)	√9		

(1) Change in toll center dial pattern
(2) Change in machine or coin series
(3) Addition or discontinuance of central office code
(4) Toll center discontinuing
(5) New toll center established

X = CHANGE $ = ASSOCIATED COMPANY

SECTION 10

TRAFFIC ROUTING GUIDE
CHANGE NOTIFICATION

COMPANY Bell Tel. Co. DATE PREPARED 12-19-73

STATE, DIVISION OR AREA Anystate SWITCHING OFFICE Anytown

	NPA OR STATE / SWITCHING OFFICES WITH ASSOCIATED INFORMATION AND INTERTOLL ROUTES / SYMBOLS &/OR ABBREVIATIONS	DIAL CODE NOS./T.C.	EFFECTIVE DATE
B.	None		
B. (1)	TWX C.O. Codes - Non-Telephone 389; 472; 589 908-789	 908+7D	
B.	TWX C.O. Codes - Non-Telephone 221; 332-P; 443; 554-cc-221; 665-P; 776; 887; 998	 7D	
	908-432; 908-433; 908-457; 908-646-P	908+7D	
	NNX Routing code used as TWX C.O. 428		
	TWX Operator Codes 954; 014	 7D	
	130; 140	3D	
B.	TWX C.O. Codes - Non-Telephone 221; 332-P; 443;		
(2)	[554-cc-221]		ds. 3-16-74
	[554]		3-16-74
(3)	665; 776; 887; 998; 999-P	7D	
	908-432; 908-433; 908-457-P	908+7D	
	NNX Routing code used as TWX C.O.		
(4)	[428]		ds. 3-16-74

(1) As shown under a toll center or point which is complete 7D
(2) Change from code conversion requirement to non-code conversion
(3) Activation of preassigned code and assignment of replacing preassigned code
(4) Change of NNX Routing code to be either discontinued or become a dialable telephone C.O.

X = CHANGE $ = ASSOCIATED COMPANY

AMERICAN TEL. & TEL. CO.
LONG LINES TRAFFIC DEPT.

SECTION 10

TRAFFIC ROUTING GUIDE
CHANGE NOTIFICATION

COMPANY Bell Tel. Co. DATE PREPARED 12-19-73

STATE, DIVISION OR AREA Anystate SWITCHING OFFICE Anytown

	NPA OR STATE	SWITCHING OFFICES WITH ASSOCIATED INFORMATION AND INTERTOLL ROUTES	SYMBOLS &/OR ABBREVIATIONS	DIAL CODE NOS./T.C.	EFFECTIVE DATE
C.		None			
C.		Exception Localities Littleville		121	
		Tinyburg		121	
C.		Exception Locality (thru Anytown) Smalltown (3,4)	√9	234+	
		EX. LOC. REACHED THRU: BIGTOWN (Skip NPA) Same codes as (thru Anytown)			
C.		Exception Localities (thru Anytown)			
(1)		Podunk (5)	√9	23+	3-16-74
		(directing digit 2)			
(2)		Smalltown (3,4).	√9	234+	ds. 4-20-74
		(Will take same dial code as Baker)			
		EX. LOCS. REACHED THRU: BIGTOWN (Skip NPA) Same codes as (thru Anytown)			
		(1) Addition of new exception locality listing (2) Discontinuance of an exception locality listing			

X = CHANGE $ = ASSOCIATED COMPANY

AMERICAN TEL. & TEL. CO.
LONG LINES TRAFFIC DEPT.

SECTION 10

TRAFFIC ROUTING GUIDE
CHANGE NOTIFICATION

COMPANY Bell Tel. Co. DATE PREPARED 12-19-73

STATE, DIVISION OR AREA Anystate SWITCHING OFFICE Anytown

	NPA OR STATE	SWITCHING OFFICES WITH ASSOCIATED INFORMATION AND INTERTOLL ROUTES	SYMBOLS &/OR ABBREVIATIONS	DIAL CODE NOS./T.C.	EFFECTIVE DATE
D.		None			
D. (1)		Tributaries Able 694 Baker	 rd		
D. (7)		Tributaries (thru Anytown) Brownville (Sectored) 556 Silverton 931	 √9 √8	 7D 7D	
D. (2)		Tributaries (thru Anytown) Alpha 289 [878] [987] Bravo 483; 724 Charlie 494-cc-221 Delta Echo (4,5) Echo [977] Foxtrot Foxtrot [456; 543] Gulf [543] (thru Foxtrot) (Becomes loc. of Foxtrot) Hot Springs [894] (New trib.-formerly toll station of Bigtown) India Juliet (Green Co.) 749 November, Kan. 467 $Papa Quebec (5) (directing digit 9)	 √9 √9 √9 rd √9 √9 rd √9 rd √9 √9	 7D 1+7D 7D * 874 * 721+ 7D 923 7D 923 7D 121 121 121 121 4+	 3-16-74 ds. 3-16-74 ds. 10-19-74 10-19-74 ds. 10-19-74 10-19-74 ds. 10-19-74 8-17-74
(3)		Yankee (7) [237] (Other Nos.) Yankee [237] Zulu	 √9 √9 	 7D 121 7D 024 (Anytown)	ds. 3-16-74 3-16-74

(1) Tributaries of a ringdown toll center
(2) Addition or discontinuance of a central office code
(3) Change in dial code and subscriber numbering plan
(4) Change from ringdown to dial operation
(5) Discontinuance or retoll centering of a tributary
(6) Addition of a new tributary listing
(7) Tributary is part of Metro TCA and the tributary is sectored.

X = CHANGE $ = ASSOCIATED COMPANY

SECTION 10

TRAFFIC ROUTING GUIDE
CHANGE NOTIFICATION

COMPANY Bell Tel. Co. DATE PREPARED 12-19-73

STATE, DIVISION OR AREA Anystate SWITCHING OFFICE Anytown

	NPA OR STATE	SWITCHING OFFICES WITH ASSOCIATED INFORMATION AND INTERTOLL ROUTES	SYMBOLS &/OR ABBREVIATIONS	DIAL CODE NOS./T.C.	EFFECTIVE DATE
D.	(Cont'd)				
		TRIBS. REACHED THRU:			
		BIGTOWN (Skip NPA)			
		Same codes as (thru Anytown)			
		Except 121 and rd Tribs. and:			
		Bravo 483; 724	√9	7D	
		Hotel			
		Quebec (5)	√9	266+	
		Inward Operator Traffic			
		BIG TP			
		LITTLE PP			
D.		Tributaries (thru Anytown)			
		Antler 289	√9	7D	
		Neighbor, Kan. 649	√9	913+7D	
		Next-Door 451	√9	7D	
		ANYSTATE 909 TRIB. REACHED THRU:			
		BIGTOWN (Skip NPA)			
		Same code as (thru Anytown)			
		KAN. 913 TRIB. REACHED THRU:			
		ADAM (Skip NPA) - Bigtown			
		Same code as (thru Anytown)			
D.		Tributaries - Zoned - (thru Anytown)			
		Zone 1			
		Littletown-Smallville-Villaville 346; 587		7D	
		Zone 2			
		Dogpatch-Muleshoe, Otherstate 442 . . .		908+7D	
		Tributaries - Not Zoned - (thru Anytown)			
		East Overshoe 246	√9	7D	
		Ploughed Ground 459	√9	7D	

X = CHANGE $ = ASSOCIATED COMPANY

COMPANY Bell Tel. Co. DATE PREPARED 12-19-73

STATE, DIVISION OR AREA Anystate SWITCHING OFFICE Anytown

	NPA OR STATE	SWITCHING OFFICES WITH ASSOCIATED INFORMATION AND INTERTOLL ROUTES	SYMBOLS &/OR ABBREVIATIONS	DIAL CODE NOS./T.C.	EFFECTIVE DATE
E.		None			
E.		Auxiliary Switching Systems Terminating Tandems			
(3)		JUNIPER No. 6 XBT (Partial) (CLLI Code) 221; 282; 285; 333; 334; 346; 355; 359; 362; 386; 387; 392; 421; 428; 467; 561; 564; 566; 567; 583; 584; 585; 586; 587; 588; 589			
		LINCOLN XBT (CLLI Code) Use same codes as thru Anytown 4A			
		MISSION No. 5XBT (Partial) (CLLI Code) 647; 648; 661; 664; 666; 681; 731; 751; 752; 755; 761; 765; 767; 781;			
(4)		[785]			3-16-74
		824; 826; 871; 873; 878			
		WASHINGTON XBT (CLLI Code) Use same codes as thru Anytown 4A Except:			
(1)		TWX Operator Codes - Route only thru 4A			ds. 2-16-74
(2)		ZEBRA			1-19-74
		(CLLI Code) Use same codes as thru Anytown 4A			
(5)		End Office-Toll ERIE EAX (5) (CLLI Code) 452; 459			10-19-74

(1) Discontinuance of exceptions at terminating machine
(2) Addition of listing for a terminating machine
(3) Partial tandem
(4) Addition of code to be routed to a partial tandem
(5) End Office-Toll

X = CHANGE $ = ASSOCIATED COMPANY

SECTION 10

TRAFFIC ROUTING GUIDE
CHANGE NOTIFICATION

COMPANY Bell Tel. Co. DATE PREPARED 9-19-73

STATE, DIVISION OR AREA Anystate SWITCHING OFFICE Anytown

	NPA OR STATE	SWITCHING OFFICES WITH ASSOCIATED INFORMATION AND INTERTOLL ROUTES	SYMBOLS &/OR ABBREVIATIONS	DIAL CODE NOS./T.C.	EFFECTIVE DATE
F.	Intertoll Routes				
(1)	Calif. 209	Fresno		7D/004+	
		Jackson	.TP	7D/+ (Stockton #1)	
		Lodi		7D/006+	
		Manteca		7D/032+	
		Modesto		7D/042+	
		Sonora		7D/002+	
(2)	Ida. 208	Boise		208+7D/044+	
		Idaho Falls		208+7D/025+	
		Pocatello		208+7D/024+	
		Twin Falls		208+7D/076+	
	Utah 801	Cedar City		7D/022+	
		Delta		7D/034+	
		Logan		7D/099+	
		Moab		7D/049+	
		Ogden		7D/039+	
		Price		7D/063+	
		Provo		7D/077+	
		Richfield		7D/055+	
		Vernal		7D/044+	
(3)	Anystate 909	Alpha		7D/022	ds. 12-15-73
		Alpha	.TP	7D/026+ (York)	12-15-73
		Kappa		121	ds. 11-17-73
		Kappa		7D/002+	11-17-73
		Omega		7D/099+	ds. 10-20-73

(1) CSP showing dependent points in the same NPA. The toll point, list the toll center where inward operator functions are provided.

(2) CSP showing dependent points in more than one NPA.

(3) CSP showing a toll center becoming a toll point, a change in dial pattern and discontinued toll center or rehoming.

X = CHANGE $ = ASSOCIATED COMPANY

SECTION 10

TRAFFIC ROUTING GUIDE
CHANGE NOTIFICATION

COMPANY Bell Tel. Co. DATE PREPARED 6-1-73

STATE, DIVISION OR AREA Anystate SWITCHING OFFICE (Various)

	NPA OR STATE	SWITCHING OFFICES WITH ASSOCIATED INFORMATION AND INTERTOLL ROUTES	SYMBOLS &/OR ABBREVIATIONS	DIAL CODE NOS./T.C.	EFFECTIVE DATE
G.		None			
G.		Additonal "TRIBS. REACHED THRU:-"	SAME AS		
(1)	ILL.	312 Arlington Heights Tribs. thru CHICAGO #3	Arlington Heights	Skip NPA	
(1)	MO.	314 Cape Girardeau Mo. tribs. thru ST. LOUIS #1	Cape Girardeau	Skip NPA	
(2)		Ill. tribs. thru St. Louis #1	Centralia	618+	
(3)	MO.	314 Cape Girardeau Ill. tribs. thru CENTRALIA	Cape Girardeau	Skip NPA	
(4)	MO.	314 Columbia tribs. thru ST.LOUIS #1	Columbia Except: 121 trib.	Skip NPA	

(1) Tribs. --- Principal city is reported by another company or area.

(2) Cross Boundary tribs. --- Homing principal city is reported by another company or area.

(3) Cross boundary tribs. --- Physical principal city is reported by another company or area.

(4) Same as (1) with principal city indicating an exception.

X = CHANGE $ = ASSOCIATED COMPANY

American Tel. & Tel. Co.
Long Lines Traffic Dept.

VACANT CENTRAL OFFICE CODES THRU (YEAR)

Route to Vacant Code Announcement at Source

Anystate 909

NPA 909

201	319	508	664	813	940
202	326	509	670	814	941
203	333	510	671	815	942
204	339	511	690	816	945
205	340	512	694	817	946
206	343	513		818	948
207	349	514	701	819	960
208	361	515	702	830	961
209	386	516	703	832	969
210	391	517	704	834	972
211	394	518	705	835	975
212	399	519	706	840	976
213		531	707	844	977
214	401	535	708	848	978
215	402	544	709	850	979
216	403	545	710	851	980
217	404	549	711	856	984
218	405	551	712	868	985
219	406	557	713	869	987
221	407	572	714	877	988
235	408	581	715	882	991
239	409	583	716	884	997
241	410		717	890	999
242	411	601	718	891	
244	412	602	719		
261	413	603	721	901	
271	414	604	722	902	
277	415	605	724	903	
280	416	606	731	904	
284	417	607	733	905	
X291 ds.	418	608	737	906	
	419	609	750	907	
301	421	610	751	908	
302	434	611	761	909	
303	443	612	770	910	
304	444	613	791	911	
305	445	614	793	912	
306	448	615		913	
307	454	616	801	914	
308	458	617	802	915	
309	481	618	803	916	
310	494	619	804	917	
311		621	805	918	
312	501	633	806	919	
313	502	639	807	920	
314	503	645	808	922	
315	504	650	809	925	
316	505	651	810	929	
317	506	653	811	936	
318	507	656	812	939	

Printed in U. S. A.

ISSUED: February 5, 1974

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Associated Company Name
State, Division or Area

Traffic Routing Guide
Date Prepared 11-2-73

SECTION 11

STATE NPA SWITCHING OFFICE	DATE OF CHANGE	SW. CLASS	HOME CSP	REMARKS
908-ANYSTATE				
Bayview		TC	Trenton	
Dodgeton		TC	Trenton	
Trenton		PC	Camden	
909-ANYSTATE				
Anytown		PC	Principaltown #1	
Baker	5-18-74	TC	Anytown	Formerly trib. of Anytown
Belvidere		TC	Anytown	
Burlington	ds. 7-20-74	TC	Principaltown #1	Becomes trib.of Anytown
Fall City		TP	Anytown	Opr. TC Belvidere
King Mountain		TC	Anytown	
Morristown	ds. 7-20-74	TC	Anytown	
Morristown	7-20-74	TC	Oliver	
Mount Holly		TC	Anytown	
Nelsonville		TC	Anytown	
Oliver	ds. 10-19-74	TC	Anytown	
Oliver	10-19-74	PC	Camden	
Principaltown #1 4A ETS		RC		
Principaltown #2 XBT		PP	Principaltown #1	
Southland		TC	Camden	
Vineland		TC	Anytown	
Washington	ds. 1974	TC	Camden	Becomes a TP
Washington	1974	TP	Camden	Opr. TC Camden
Yellville		TC	Camden	
809-OTHERSTATE				
Albert		TC	Browning	
Browning		SC	Camden, Anystate	
Charlestown		PP	Browning	Opr. TC Browning

. . . . . .

Associated Company Name
State, Division or Area

Traffic Routing Guide
Date Prepared 10-19-73

SECTION 13(a)

TWX OPERATING CENTER		AREA SERVED BY EACH TWX OPERATING CENTER STATE	CURRENT NPA
Anytown	909	Anystate	407, 708
		Otherstate	508 12-15-73
		Third State	706, 804, 908, 909

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Associated Company Name
State, Division or Area

Traffic Routing Guide
Date Prepared 10-19-73

SECTION 13(b)

REGIONAL OFFICE

Prairie, Anystate

SECTIONAL OFFICE	(HOME REGIONAL OFFICE)
Anytown, Anystate	Prairie, Anystate

510 C.O. CODE	510 SERVING OFFICE	HOME NO. 4A OR 4M	DDD NPA SERVED	EFF. DATE
770-774	Camden, Anystate	Anytown, Anystate	908	
775; 776	NA	Anytown, Anystate	NA	
777; 778	Trenton, Anystate	Anytown, Anystate	908	
779	NA	Anytown, Anystate	908	ds.4-20-74
779	Fall City, Anystate	Anytown, Anystate	908	4-20-74
780	NA	Bigtown, Otherstate	909	
781; 782	Oliver, Anystate	Bigtown, Otherstate	909	
783; 784	Bayview, Anystate	Bigtown, Otherstate	909	
785; 786	Belvidere, Anystate	Bigtown, Otherstate	909	
787-789	Mount Holly, Anystate	Bigtown, Otherstate	909	
796-799	NA	Bigtown, Otherstate	809	

REMARKS:

PREPARED BY Mrs Jane Smith TEL. NO. 908 234-1234 TWX NO. 908 334-3678 DATE 1-19-74

ISSUED: February 5, 1974

AMERICAN TEL. & TEL. CO.
LONG LINES TRAFFIC DEPT.

SECTION 15

TRAFFIC ROUTING GUIDE
TWX SWITCHING PLAN ROUTING INFORMATION

TAW-246
1-65
GENERAL INSTRUCTIONS
Section 1.4
4th Revised Exhibit No. 18

COMPANY Bell Tel. Co. DATE PREPARED 2-16-73

STATE, DIVISION OR AREA Otherstate SAC & SERVING OFFICE 810 Bigtown, Otherstate

GENERAL INFORMATION 15(b)

EFF. DATE	CLASS	HOME TWX SWITCHING PLAN OFFICE	HOME NO. 4A OR 4M	CONVERTER LOCATION	OPR. CTR. NPA	
	PO	---	Bigtown #2	Bigtown #2	508	

CODES ALLOCATED 15(c)

SAC	CENTRAL OFC.	TOTAL NO.	EFF. DATE
810	220-259; 290-299; 630-659; 661-663; 680-699; 969; 990-999	114	

ROUTING INFORMATION 15(d)

CODES ASSIGNED		NO. DIGITS ON TERM CALLS	DIRECTING DIGIT	DDD NPA SVD.	EFF. DATE
SAC	CENTRAL OFC.				
810	220-249; 251-P-254-P	10		508	
810	630-639; 640-P-642-P	10		706	
810	650-657; 658-P; 659-P	10		708	
810	661-662; 663-P	10		804	
810	680-689; 969-P	10		407	
810	990-995; 996-P; 997-P	10		818	
	Other offices whose codes are served from this office on an interim basis				
	1. ANYTOWN, ANYSTATE				ds. 3Q'73

REMARKS:

AMERICAN TEL. & TEL. CO.
LONG LINES TRAFFIC DEPT.

SECTION 15

TRAFFIC ROUTING GUIDE
TWX SWITCHING PLAN ROUTING INFORMATION

TAW-246
1-65
GENERAL INSTRUCTIONS
Section 1.4
4th Revised Exhibit No. 19

COMPANY Bell Tel. Co. DATE PREPARED 2-16-73

STATE, DIVISION OR AREA Anystate SAC & SERVING OFFICE 910 Anytown, Anystate

GENERAL INFORMATION 15(b)

EFF. DATE	CLASS	HOME TWX SWITCHING PLAN OFFICE	HOME NO. 4A OR 4M	CONVERTER LOCATION	OPR. CTR. NPA	
3Q'73	SO	Bigtown #2	Anytown	Prairie	508	

CODES ALLOCATED 15(c)

SAC	CENTRAL OFC.	TOTAL NO.	EFF. DATE
910	260; 267-269; 290; 294-299; 321-323; 331-333; 340-359	37	

ROUTING INFORMATION 15(d)

CODES ASSIGNED		NO. DIGITS ON TERM CALLS	DIRECTING DIGIT	DDD NPA SVD.	EFF. DATE
SAC	CENTRAL OFC.				
910	294-296; 297-P; 298-P	5	9	407	3Q'73
910	340-346; 347-P; 348-P	5	9	908	3Q'73
910	350-353; 354-P; 355-P	5	9	909	3Q'73
	Codes served from other offices on an interim basis				
	1. From BIGTOWN, OTHERSTATE (PO)				ds. 3Q'73
810	294-296; 297-P; 298-P	10		407	ds. 3Q'73
810	340-346; 347-P; 348-P	10		908	ds. 3Q'73
810	350-353; 354-P; 355-P	10		909	ds. 3Q'73

REMARKS:

SUGGESTED NATIONWIDE CUTOVER DATES FOR DISTANCE DIALING

FOR ACTIVITIES REQUIRING NATIONWIDE CHANGES

MONTH	1975	1976	1977	1978	1979
January	4-18	3-17	8*-15	7-21	6-20
February	1-15	7-21	5-19	4-18	3-17
March	1-15	6-20	5-19	4-18	3-17
April	5-19	3-24*	2-16-30#	1-15	7-21
May	3-17	1-15	21	6-20	5-19
June	7-21	5-26*	4-25*	3-24*	2-23*
July	5-19	3-17	2-16	1-15	7-21
August	2-16	7-21	6-20	5-19	4-18
September	6-20	4-18	3-17	2-16	1-15
October	4-18	2-16	1-15	7-21	6-20
November	1-15	6-20	5-19	4-18	3-17
December	6-20	4-18	3-17	2-16	1-15

NOTE:

The dates suggested are the 1st and 3rd Saturdays of each month except where they fall on the Easter, Mother's or Father's Day Weekends or on a Holiday.

* Deferred one week.
\# Advanced one week.

SUGGESTED CUTOVER HOUR

Time Zone	Saturday Nationwide Time
Atlantic	3:00 p.m.
Eastern	2:00 p.m.
Central	1:00 p.m.
Mountain	Noon
Pacific	11:00 a.m.
Alaska (Anchorage, Fairbanks) Hawaii	9:00 a.m.

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