OFFICE RESPONSIBILITIES

WESTERN UNION TELETYPEWRITER EXCHANGE SERVICE (WU TWX)

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1. GENERAL

1.01 Effective March 31, 1971, the service provided by the Bell System known as TWX service was transferred to the Western Union Telegraph Company (WU) and became known as Western Union Teletypewriter Exchange Service (WU TWX). This Bell System Practice describes the Telephone Company's (TELCO) responsibilities for the installation and maintenance of the facilities furnished to WU for this service.

1.02 As a result of the sale the following became effective:

(a) Ownership of all WU TWX station equipment was assumed by WU.

(b) All installation, change and disconnection of WU TWX station equipment and WU-owned facilities is done by WU.

(c) All trouble reports and service complaints are received by WU from their patrons at a WU Customer Service Center (CSC).

(d) The DDD network continues to be used for 3-row WU TWX transmission under the terms of the WU TWX Operating agreement which provides for charges on a per message basis.

(e) Dedicated Central Office equipment used only for 4-row WU TWX and located in Company buildings is owned by WU but is operated and maintained by TELCO. Charges for such operation and maintenance are compensated for under the WU TWX Operating Agreement.

(f) Access lines from the TELCO dial tone office to the WU TWX subscriber location are provided at specified charges to WU. TELCO facilities used to provide access lines are connected and disconnected by TELCO.

1.03 This section also contains general information concerning the WU Service, and references to WU's responsibilities for installation and maintenance as covered in the WU TWX Operating Agreement and the WU TWX Transfer Guidelines jointly developed by the Bell System Companies and Western Union.

1.04 The document covering the operating procedures and the overall responsibilities of both TELCO and WU is known as Contract No. 5. Section 6 outlines the general operation and maintenance responsibilities and is summarized in the following paragraphs:

(a) WU shall be responsible for the operation and maintenance of WU TWX service provided to its patrons.

(b) TELCO shall be responsible for the testing and sectionalization of circuit facilities engineered by it under this agreement, and for the clearance of all troubles on components owned by TELCO and leased to WU. TELCO shall not be responsible for the clearance of troubles on other components of these circuit facilities, i.e., Western Union TWX station equipment, CPE, etc.

(c) Engineered circuit facilities shall be available to TELCO once in each 24 hours at times mutually agreed upon in order to make tests and adjustments appropriate for maintaining them in satisfactory operating condition. The facilities shall also be made available at any time for the purpose of investigating and clearing troubles.

(d) The characteristics and methods of operation of any equipment or circuits provided by WU or its patrons and associated with the engineered circuit facilities furnished by TELCO shall be such as not to interfere with or impair service over any TELCO circuits, cause damage to TELCO plant, impair privacy of any communications over TELCO circuits, or create hazards to TELCO employees or the public. WU shall bear the cost of any additional protective apparatus reasonably required to be installed because of the use of the engineered circuit facilities by WU or its patrons. TELCO shall have the right to terminate the use of any engineered circuit facilities provided if the characteristics or methods of operation of such equipment or circuits of WU or its patrons shall not be satisfactory in any of the foregoing respects and to inspect any such equipment in order to determine compliance.

2. DEFINITIONS

2.01 *Patron:* A WU TWX customer served by WU is referred to as a patron.

2.02 *Contract No. 5:* An agreement between the Bell System Companies and Western Union Telegraph Company covering the lease of engineered circuit facilities within and between TELCO exchange areas and associated with TELCO switching machines used in WU TWX service.

2.03 *Engineered Circuit Facility:* This is a path of electrical communication engineered by TELCO to meet transmission and signaling requirements for TWX service. The access lines and trunks as described below constitute the universe of "engineered circuit facilities".

2.04 *Access Line:* An access line is a circuit including termination equipment and conditioning which extends from a central office WU TWX line number circuit at a WU TWX Serving Office to a:

(1) WU TWX subscriber station premises.

(2) Subscriber line concentrator control unit.

(3) WU "official station".

(4) WU testboard or Automatic Data Test Line (ADTL).

In (2) above, for Contract 5 administration, the circuit from the remote unit of the concentrator system to the WU TWX station premises is also a part of the access line if it is provided by TELCO.

For Contract 5 administration, an access line does not include concentrator trunks.

2.05 *Divided Access Line:* A divided access line is one which has one TWX serving office for calls originated by a WU TWX station and another for call inward to the station. An equipment unit called a divided access line "circuit" (DALC) performs the switching of the common portion of the line (extending from the station) to either the outward or inward serving office. In this agreement the station line number for directory purposes is its inward office number.

2.06 *Trunk:* A circuit together with its associated terminating equipment which extends from a TELCO switching machine used for WU TWX to any of the following:

(1) A WU switchboard used for traffic or directory assistance.

(2) Another TELCO switching machine.

(3) A WU owned switching machine.

The circuits between the control and remote units of a concentrator system are also considered as trunks.

2.07 *TWX Serving Office:* The switching entity which performs the local switching function for a WU TWX station. The line number "circuits" for WU TWX access lines are located at WU TWX serving offices. Normally, WU TWX service will be provided only from No. 5 Crossbar central offices equipped with Local Automatic

Message Accounting (LAMA). When the station location is served by other than a No. 5 Crossbar office, the access line will be extended to such an office either via direct facilities or a concentrator system.

2.08 *WU TWX Switching Plan:* This is the name of the dedicated network of trunks that interconnects the hierarchy of WU TWX Primary, Secondary, and Tertiary No. 5 Crossbar Switching offices. Three-row service can be identified by a Number Plan Area (NPA) code in the regular series, e.g., 415, 213, 916, etc. Four-row service is identified by the Special Area Code (SAC) numbers 510, 710, 810, or 910.

2.09 *Crossover Trunk:* For Contract 5 administration, a crossover trunk is a one-way "data-only" trunk from a DDD office to a WU TWX Switching Plan (SP) office or in some special cases a two-way "data-only", trunk between a DDD and a WU TWX SP office.

2.10 *Exchange Area:* An exchange area is a specific territory established for administration of TELCO provided communications services. This territory usually embraces a city, town, or village and its environs and may be served from one or more central offices.

2.11 *WU TWX Operating Agreement:* An agreement between the Bell System and Western Union covering the functions performed by each party in the provision of WU TWX service.

3. TROUBLE REPORTING PROCEDURES

3.01 Station users will report all troubles to the WU Customer Service Center (CSC). Station users who report trouble to TELCO repair service or any other TELCO office should be asked to call the appropriate WU CSC.

3.02 The WU CSC will analyze the report and arrange for testing to determine if the outstation or local WU TWX access line is causing the trouble. If the WU CSC is unable to isolate the trouble between the station and facility, the WU CSC will refer the trouble to the appropriate WU Testboard for isolation.

3.03 The WU Testboard is responsible to make all necessary tests to determine the cause or nature of the trouble. If the WU Testboard determines the station is in trouble, the report is referred back to the appropriate WU CSC. If the WU CSC (through analysis of customer trouble reports, call through testing, etc.) has reason to suspect that the trouble is in the network or in the local WU TWX facility, the trouble should be reported to the appropriate TELCO Plant Service Center (PSC). All available information on the trouble should be given to the PSC. The type of information which should be provided is as follows:

1. Originating WU TWX number.
2. Terminating WU TWX number.
3. Date and time of reported trouble.
4. Nature of trouble which has led the WU testboard people to suspect the trouble exist either in the local WU TWX facility or in the network.
5. Any other information that may be of assistance to the PSC (for example, location of the reporting and terminating WU TWX station, etc.).

The PSC will accept trouble reports from WU only when it is able to identify the cause or nature of the trouble.

3.04 Some Companies may prefer to have WU report all troubles to a central location such as a Special Service Management Bureau or a Data Test Center instead of to the various PSC's. The reasons for centralized reporting would be to give TELCO better control of the trouble reports in order to insure that WU was fulfilling their responsibilities to do network analysis and to sectionalize the trouble. Western Union and Telco designated reporting locations shall be agreed on at the local level.

3.05 When access lines or foreign exchange lines contain WU provided facilities, WU will follow the procedure in paragraph 3.03 until the trouble has been sectionalized into the facility portion of the line. WU will then continue the trouble sectionalization until they have isolated the trouble into the TELCO or the WU facilities. If the trouble locates in the TELCO portion of the line, WU will refer the trouble to the proper PSC or STC.

3.06 The TELCO PSC will perform the necessary tests and will forward suspected network trouble according to local procedures. This could be to the local Network Service Bureau, to the WU TWX testboard or to the WU TWX switching machine. The TELCO PSC will advise the WU CSC people of the status and disposition of the WU TWX troubles.

3.07 Bulk analysis of WU TWX patron trouble reports is WU's responsibility. If WU's analysis of trouble reports reveal a trouble pattern developing, the WU TWX Reporting Centers may be consulted directly to see if there is some concurrence or agreement on the formation of a particular pattern. A list of these offices, formerly called the Data Service Bureau is contained in Attachment 2. This type of report should only be accepted if WU has done analysis which results in a meaningful trouble report.

3.08 The area of responsibility of a WU TWX Reporting Center will normally include the portion of WU TWX network served by the WU TWX Primary Switcher. As part of the agreement between TELCO and WU, the twelve centers listed in Attachment 2 must continue to receive bulk analyses reports from WU.

3.09 The WU CSC shall be notified by the TELCO PSC or other designated TELCO trouble reporting location of the disposition of all troubles which are located in the WU owned central office equipment which is physically located on TELCO premises. An illustrative list of central office equipment that may be owned by WU is contained in Attachment I. This equipment must carry some identification showing that it is owned by WU.

3.10 All TELCO offices receiving trouble reports will fill out the proper trouble ticket.

3.11 Maintenance of Service Charge procedures are not authorized for WU TWX. Erroneous trouble reports received from WU should be called to their attention. If this does not correct the problem, the erroneous trouble reports should be documented and referred to the TELCO Business Relations Department. They will notify WU that unless the problem is corrected, WU will be billed for the erroneous reports under the "extraordinary expense" clause of Contract No. 5.

3.12 On access lines where the station is in Independent Company territory, the trouble report from WU referred to in paragraph 3.03 must be given by WU to the Independent Company PSC. If it is apparent that the Independent Company is not assuming this testing responsibility, the matter should be referred to the TELCO Independent Company Relations group.

4. SERVICE MEASUREMENTS

4.01 Since the responsibility for the overall service on WU TWX belongs to WU, TELCO will not prepare an overall service index and will not assume overall network responsibility.

4.02 It is TELCO's responsibility to insure that facilities and equipment furnished by TELCO are installed and maintained at the same service level as TELCO furnished services. Therefore, the individual TELCO work forces involved with WU TWX will include circuits and equipment in their installation and maintenance plans.

4.03 The installation of all inter-machine trunks, all inter-area access lines and all inter-area FX type services shall be measured under the Intercompany Service Coordination (ISC) Plan. Intra-area access lines can be included at a Company's option.

4.04 The installation of all Contract No. 5 leases that are not measured under the ISC Plan, shall be measured under the Installation Service Results Plan.

4.05 Long Lines has elected to use the USSO format for their Contract No. 5 leases and will forward the USSO's via ADNET to the proper area ISC Teams and WU TWX Testboards.

4.06 Whenever an access line or trunk is "pieced out" using a combination of TELCO and WU facilities, the installation order for the piece out must also be included under the appropriate installation measurement plan. Because of the complexity of these orders and of the facilities involved, Sales must specify a Plant Test Date at least five days prior to the Service Due Date.

4.07 WU TWX access lines and intra-state foreign exchange lines should normally be

considered as a local special service; however, some of these lines will qualify to be included in the Toll Special Service Results Plan (TSSRP). They may be included in the TSSRP, but only if on line STC testing is required because of complexity.

4.08 All reports received by the PSC shall be included in the Customer Trouble Report Analysis Plan (CTRAP) and shall be measured in the Exchange Maintenance Service Results Plan (EMSR). They should be counted in the Special Service Telephone class of service and must not be marked as CPE or MSC despite the presence of a CPE Teletypewriter at the station.

4.09 The measurement of WU TWX service will be included in the No. 5 Crossbar Central Office Index.

4.10 Inter-machine trunks will be included in the Trunk Service Results Plan.

4.11 The Switched Service Results Plan will not be used for this service.

5. GENERAL OFFICE RESPONSIBILITIES

5.01 General responsibilities of all offices for Special Services are covered in BSP 660-005-011, Section 3.

5.02 Section 5 of Contract No. 5, "Interruption of Engineered Circuits Facilities," states that "No credit shall be allowed for an interruption of less than 24 hours." It is the responsibility of WU to initiate claims for credit for interruptions. It is the responsibility of the TELCO to maintain records to document these claims. The normal retention of trouble tickets and the normal maintenance of trouble logs will be sufficient documentation.

5.03 Section 5 also states that no interruption allowance shall be made if the interruption is due to the negligence of WU, or if the interruption is caused by a failure of a component which is not owned by TELCO, or if the interruption results from equipment or circuits that have been connected to engineered circuit facilities by WU or its patrons. No credit shall be allowed for interruptions resulting from the routine testing and maintenance of facilities.

5.04 A TELCO testboard associated with a WU TWX switching machine will be assigned as the Control Office for each inter-machine trunk group and all circuits in that group will have the same Control Office. This office is responsible for the overall maintenance and service availability of the trunk.

5.05 The assignment of the following types of offices or organizations are not authorized for WU TWX services.

Network Control Offices

Section Control Offices

Supervisory Offices

Plant Network Managers

Installation

5.06 WU is responsible for the installation, testing, and disconnection of all WU TWX station equipment.

5.07 TELCO owned access line facilities up to the interface (42A block or equivalent) will be installed, tested, and disconnected by TELCO personnel (BSP 314-300-201).

5.08 TELCO should test and determine the actual measured loss (AML) of the access line. The AML and the 10-digit WU TWX number should be entered on Form E-6116 (Facility Tag for Western Union Teletypewriter Service) and placed on the interface block.

5.09 The PSC should enter the AML on the CLR card.

5.10 If the station is in Independent Company territory, the Independent Company is responsible for making the AML and placing the tag.

5.11 If the access line or foreign exchange line contains WU facilities, it is WU's responsibility to do the overall installation testing. TELCO is responsible only for the facilities they furnish.

Maintenance

5.12 TELCO is responsible for maintaining all WU owned equipment located in TELCO

central offices in accordance with Bell System Practices.

5.13 Trouble located in WU owned central office equipment will be referred to the TELCO PSC, or other designated trouble reporting location, which will in turn report the trouble to the WU CSC. The trouble clearance will also be given to the WU CSC.

5.14 If any WU owned central office equipment is judged to be unrepairable, TELCO Engineering will notify WU and request disposition.

6. WU TWX TRUNK CIRCUIT NUMBERING PLAN

6.01 The trunk circuit numbering plan was developed to be used by all Bell System Companies. It was designed to provide a uniform system for circuit identification, trunk records, and billing.

6.02 The plan uses an eleven character code. The first three characters are alpha and the last eight are numeric.

6.03 All circuit numbers begin with a W. The second character indicates the type of facility and the third character indicates the type of function. The use of the second and third character is shown in Attachment 3.

6.04 The fourth and fifth character are used for Company identification. Assignments are shown in Attachment 4.

6.05 The sixth through eighth characters are to be used to identify a circuit group between two switchers. Characters nine through eleven are to be used to identify individual circuits within a specific circuit group. Attachment 5 shows an example of the use of the eleven characters.

6.06 WU TWX access lines will be identified by the WU TWX line number.

7. SPECIALIZED CIRCUIT CONFIGURATIONS

7.01 There are a number of specialized circuit configurations that require particular attention from the TELCO operating forces.

Transfer Arrangements

7.02 WU offers their patrons a transfer arrangement which provides manual or automatic alternate WU TWX/Dataphone service.

7.03 The transfer arrangement, with both the WU TWX and Dataphone lines connected to it, will be located on the line side of the WU TWX data set. If the transfer arrangement is manual, the station attendant will transfer the WU TWX data set to the line with the incoming call.

7.04 If an incoming call is received at WU TWX data set equipped with an automatic transfer arrangement and neither line is in use, the transfer arrangement will automatically connect the WU TWX data set and terminal equipment to the line being called. When either line is in use, incoming calls on the other will encounter a "no answer".

7.05 This arrangement was authorized for WU with the stipulation that it must be removed by them if service difficulties affecting the network arise.

7.06 The data set is primarily a WU TWX station even when connected to the Dataphone line. As such all trouble reports from the WU patron must first go to WU. Reports will not be accepted by PSC's directly from the WU patron. PSC's and Data Test Centers should be alert to mark their Dataphone line cards when this transfer arrangement is supplied so that reports are not misdirected.

Customer Provided Equipment

7.07 Western Union has filed revised tariff provisions to allow the connection of customer-provided terminals to its WU TWX service through appropriate connecting arrangements. When Western Union requests a connecting arrangement on a WU TWX access line, Sales will use the USOC code NHH or NHQ for this item. If a power supply is to be furnished with the connecting arrangement, USOC code NHP will be used for the power supply.

7.08 When both lines of an alternate service, such as WU TWX/Dataphone terminate in CPE station equipment, both lines must contain a protective connecting arrangement.

7.09 It remains WU responsibility to receive all trouble reports and to analyze the report to determine if the CPE terminal or local WU TWX access line facility is causing the trouble.

7.10 Trouble reports from WU which result in erroneous dispatches because of trouble in the customer-provided terminal cannot be covered under the Maintenance of Service Charge (MSC) procedures. Instead we suggest that, in accordance with the terms of Contract 5, you bill Western Union at your current Maintenance of Service Charge rate for the extraordinary expense incurred as explained in paragraph 3.11.

WU TWX Trunks With WU Provided Facilities

7.11 Under the provisions of Contract 5 and the WU TWX Operating Agreement, the responsibility for the overall installation and maintenance of WU TWX trunks rests with TELCO. This is still true when the trunks are rearranged to include WU facilities.

7.12 The WU TWX Testboard assigned as the Circuit Control Office is responsible for the overall installation coordination and for overall routine and trouble investigation.

7.13 When the WU TWX testboard receives a trouble report or detects a trouble, it will test and identify the WU TWX trunk in trouble. The WU TWX testboard will refer the trouble to WU immediately, who will test and clear their portion of the trunk before TELCO continues the trouble testing. If the trouble locates in the TELCO facilities between the WU TWX serving office and the WU location, it shall be referred to the proper PSC for clearance.

7.14 The WU TWX testboard will retain the overall responsibility for the trouble clearance and will test the facility end to end after the trouble is cleared. It will advise the organization — TELCO or WU — making the original trouble report of the disposition of the trouble.

8. REFERENCES

8.01 BSP 312-105-102, "Furnishing Circuits to Western Union Telegraph Company Under Special Contract — Engineering Notes." This BSP contains transmission parameters and line up information necessary in the testing and maintenance of WU TWX.

CENTRAL OFFICE EQUIPMENT REMAINING ON TELEPHONE COMPANY PREMISES
(EXTRACTED FROM SCHEDULE III OF THE WU TWX PURCHASE AGREEMENT)

B-1DATA TRUNKING SYSTEM

Data Carrier Terminal
20A Testboard

JUNCTOR CONVERTER TRUNK UNIT

FSP SENDERS & REGISTERS

Outgoing FSP Sender
FSP Transmitter
Incoming FSP Register
FSP Receiver

TRUNK CIRCUITS

2-Way Intertoll Trunk
Outgoing Trunk
Auxiliary Outgoing Trunk
Combination Outgoing & Toll Switching Trunk
Incoming Trunk
Incoming Intertoll Trunk
Intraoffice Trunk
Combination Tone Trunk
Permanent Signal Holding Trunk
Intercepting Trunk From Line Line Frame

LINE CONCENTRATORS

Control Unit, 1A
Remote Unit, 1A
160-Line Control Unit, 2A
80-Line Remote Unit, 2A

MISCELLANEOUS

Call Progress Tone Equipment
Auxiliary Line Circuit-Call Allotters & Make-Busy
Repeater & Associated Terminating Equipment
Divided Access Line Circuit
Auxiliary Signaling Unit, EL
Line Concentrator MF Signaling Unit, 1A
Time Auxiliary Ringer Unit

WU TWX REPORTING CENTERS

MAILING ADDRESS & TELEPHONE NUMBERS

Data Test Center
Central Office Supervisor
819 Southwest Oak Street
Oak Street Building
Portland, Oregon 97205
503-226-8246

Network Service Bureau
Plant Staff Assistant
333 Grant Street
San Francisco, California 94108
415-989-4960

Data Service Bureau
Chief Testboard Man
4100 Bryan Street
Dallas, Texas 75204
Room 331
214-826-7300

DDD Service Bureau
Assistant Staff Supervisor
225 West Randolph Street
Headquarters 9G
Chicago, Illinois 60606
312-236-8941

Operations Test Room
Atlanta No. 4
Long Lines
51 Ivy Street, N.E.
Atlanta, George 30303
404-529-7201

Network Service Center
Supervising Wire Chief
17200 South Vermont
Gardena, California 90247
Room 210
213-532-3180

Network Service Bureau
Foreman DDD Service Bureau
2651 Olive Street
St. Louis, Missouri 63103
Room 608
314-247-6348

TWX Report Center
Network Manager
185 Franklin Street
Boston, Massachusetts 02107
Room 107
617-743-9894

DDD Service Bureau
Service Supervisor
330 Madison Avenue
New York, New York 10017
Room 1410
212-394-1500

DDD Service Bureau
Administrative Assistant
416 7th Avenue
Pittsburgh, Pennsylvania 15219
18th Floor
412-261-0031

DDD Service Bureau
Administrative Assistant
900 Race Street
Philadelphia, Pennsylvania 19107
Basement
215-923-0049

Data Service Bureau
Service Foreman
930 15th Street
Denver, Colorado 80202
Room 15
303-292-1680

WU TWX NUMBERING PLAN

CHARACTER 2 & 3

Character 2

There will be four categories:

B = A B-1 carrier type of facility. Basically, a 4 wire voice grade facility subdivided into 6 narrow band channels, provided solely on Telco facilities.

T = A voice grade facility, not subdivided, provided solely on Telco facilities.

Y = A B-1 carrier type of facility. A 4 wire voice grade facility subdivided into 6 narrow band channels, partially pieced out with Western Union facilities.

Character 3 — Type of function

The categories are:

Concentrator trunks

C = Traffic trunk between a control unit and a remote unit.

A = Signaling trunk between a control unit and a remote unit.

Crossover trunk

D = Trunk from DDD (#4 type offices) to TWXSP Primary or Secondary offices. It can also be a two way crossover trunk.

6A Switchboard trunks

E = Trunks between 6A Switchboards and DDD (#4 type) offices.

F = Trunks between 6A Switchboards and TWXSP (Primary) offices.

Directory Assistance/Intercept trunks

H = Trunks from the St. Louis TWXSP Primary office to the Western Union Directory Assistance/Intercept location.

B-1 Carrier trunks

L = The facility between B-1 carrier terminals, (as opposed to a trunk running the entire distance from TWXSP switcher to TWXSP switcher — see "TWXSP Network Trunks" and "Examples" below).

Automatic Data Test Line (ADTL) trunks

T = Trunks from a line link frame in a DDD or TWXSP office to automatic data test line equipment.

TWXSP Network trunks

N = Trunks between TWXSP switchers, dedicated solely for TWX use. Can use either a full voice grade channel or a narrow band channel.

FX TWX trunk

S = Voice grade facility with a station.

Local Company access trunks

X = A local grade subscriber line.

WU TWX NUMBERING PLAN

CHARACTER 4 & 5

10 thru 19		Long Lines Dept.
20 thru 24		New England Tel.
	20	Maine
	21	M Massachusetts
	22	New Hampshire
	23	Rhode Island
	24	Vermont
25 thru 27		New York Tel.
28 thru 29		New Jersey Bell
30 thru 32		Bell of Pa.
33		Diamond State
34 thru 37		C. & P. Companies
	34	Dist. of Columbia
	35	Maryland
	36	Virginia
	37	West Virginia
38 thru 41		Southern Bell
	38	Florida
	39	Georgia
	40	North Carolina
	41	South Carolina
42 thru 46		South Central Bell
	42	Alabama
	43	Kentucky
	44	Louisiana
	45	Mississippi
	46	Tennessee
47 thru 48		Ohio Bell
49		Michigan Bell
50		Indiana Bell
51		Wisconsin Bell
52 thru 54		Illinois Bell
	52-53	Illinois
	54	Indiana
55 thru 59		Northwestern Bell
	55	Iowa
	56	Minnesota
	57	Nebraska
	58	North Dakota
	59	South Dakota
60 thru 66		Southwestern Bell
	60	Arkansas
	61	Kansas
	62	Missouri-Illinois
	63	Oklahoma
	64-66	Texas
67 thru 74		Mountain Bell
	67	Arizona
	68	Colorado
	69	Idaho
	70	Montana
	71	New Mexico
	72	Texas
	73	Utah
	74	Wyoming
75 thru 76		Pacific Northwest Bell
	75	Oregon
	76	Washington-Idaho
77 thru 81		Pacific Tel.
	77-80	California
	81	Nevada
82		Southern New England
83		Cincinnati Bell