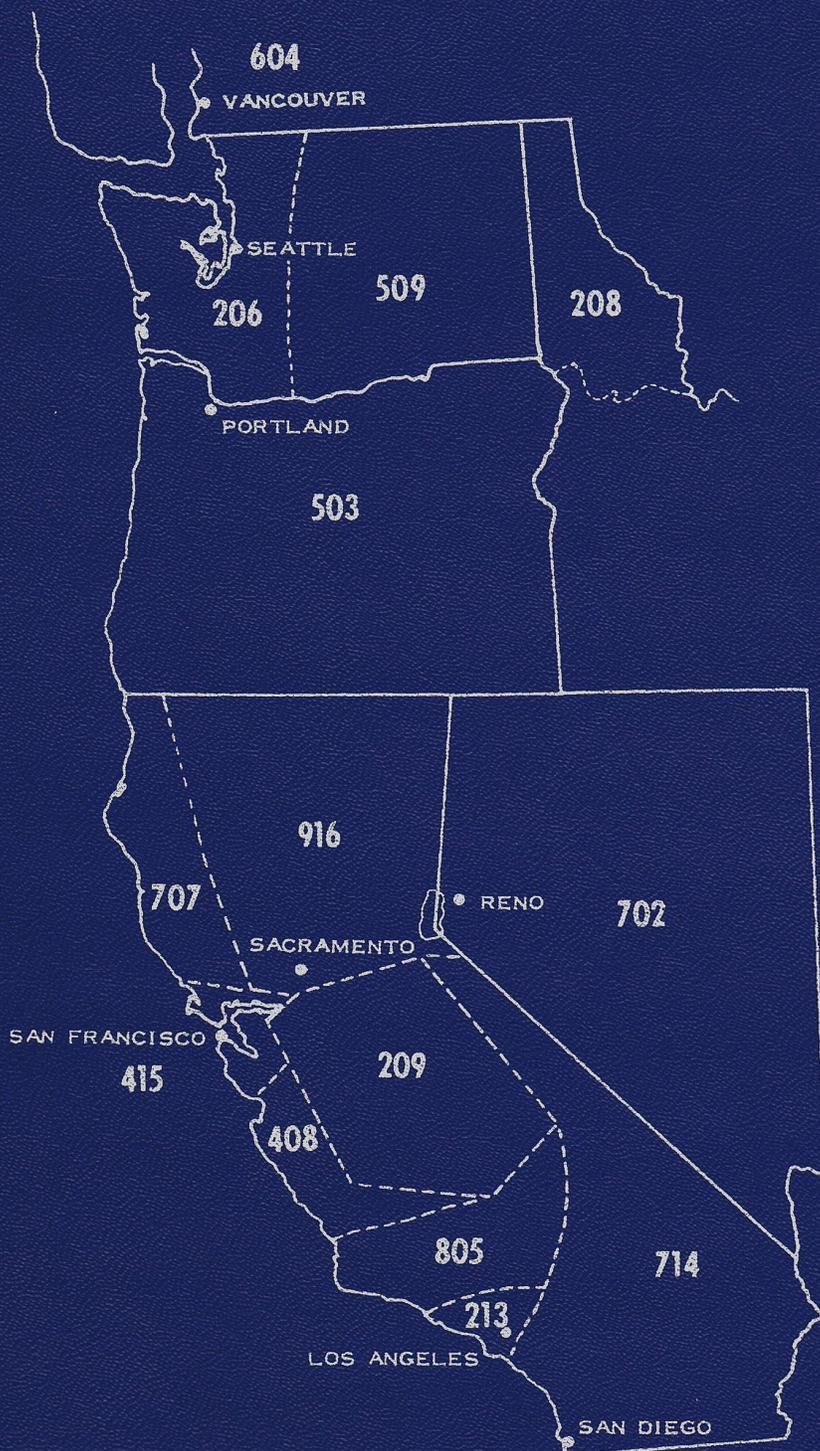


TEST NUMBER DIRECTORY



published by
General Administration
Plant Operations
San Francisco

PACIFIC TELEPHONE & TELEGRAPH CO.
BELL TELEPHONE COMPANY
OF NEVADA

CENTRAL OFFICE MAINTENANCE TELEPHONE DIRECTORY

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Pacific Telephone Company-Northwest are included. One test number at each code point in the United States is included.

2. DESCRIPTION OF TESTS

1. GENERAL

1.01 This section and the associated attachments provide necessary test line numbers used for testing Toll and Exchange trunks. All available numbers in Pacific Telephone - California - Nevada, Bell Telephone Company of Nevada,

2.01 Descriptions are general. If specific information is required, Circuit Description sheets must be consulted.

2.02 Since numbers and test circuits are not standard in all offices it may be necessary to call "attended switchroom" for information.

2.03 The preferred name for "type of test" is marked "*".

TYPE OF TEST	USAGE
*Route Verification Prefix Verification	Arranged to trip ringing and provide a steady or interrupted high tone. Receipt of the tone is an indication that correct routing has been obtained. Different telephone numbers are assigned for each office unit within the same numbering plan area. It is suggested this number be standardized in the following manner: ABC-1ABC. The letters "A B C" represent the 3 digits of the prefix of each unit.
*Charge Verification	Tests ability of a trunk circuit to recognize and return "charge" supervision. Hold call 10 seconds to insure proper test. Offices with a note "two calls required for answering supervision" may be tested for charge verification as follows: (1) Place a call to the number listed as the Route Verify number and hold. (2) Place a call from a second telephone to the number listed as the Charge Verify Test Line. (3) When the second call is completed, a Charge condition will be placed on the first line and will be recognized by a change in tone being returned on the first call placed. (4) Hold the second call for 6 to 10 seconds to allow time for Charge condition to be received. (5) Disconnect second call, tone of first call returns to its original condition. (6) Disconnect first call.
*IMW - 1,000 Cycle 1 Milliwatt 1 MW 1,000 Cycle Transmission Test	Provides a one milliwatt, 1,000 cycle tone for transmission testing.

TYPE OF TEST	USAGE
*900 ohm Balance 900 ohm Balance & Noise Silent Line	Trips ring, provides 900 ohm, balanced, voice frequency termination.
*Open Circuit Balance Open Circuit Balance (E Type Repeater) Test Termination-Open	Provides optional off hook, on hook supervision. Provides A C open circuit across tip and ring. Used to determine ringing margins on trunks equipped with "E" type or other repeaters..
*Short Circuit Balance Short Circuit Balance (E Type Repeater) Test Termination-Short	Provides optional off hook or on hook supervision. Provides A C short circuit across tip and ring. Used to determine ringing margins on trunks equipped with "E" type or other repeaters.
*Loop Around Loop Around Transmission	For use in one man, two way transmission testing. Provides off hook supervision.
*Incoming Trunk Test Line (Inc. Trk. T.L.) Interoffice Exchange Trunk Trunk Test Line Reverse Battery Flashback Ring Trip & Flash Flash & Supv.	Used primarily by exchange forces to verify continuity and polarity of local trunks. Some of the functions of the various circuits are testing ringing, pretrip and trip features. Provides closures and openings of various time intervals, tones for transmission testing and a polarity check.
*Manual Trans. Meas.	This is a subscribers set in the switchroom with a key or jack arrangement to patch to 1,000 cycle, 1MW tone.
*60 IPM Busy	Used for continuity and supervisory test.

2.04 In the "Pref or Code" column, if digits are used it indicates an all number calling (ANC) office.

2.05 "Attended Switchroom" is the office normally attended Monday-Friday, 8 A.M.-5 P.M. where information regarding the listed office may be obtained.

3. ATTACHMENTS

3.01 Exchange test number section. This section is divided into the following National Area Codes.

Attachment 1 - Numbering Plan Areas with Codes

Attachment 1 A - NPA	206 - Washington
1 B	208 Idaho
1 C	209 California
1 D	213 "
1 E	408 "
1 F	415 "
1 G	503 Oregon
1 H	509 Washington
1 J	604 British Columbia
1 K	702 Nevada
1 L	707 California
1 M	714 "
1 N	805 "
1 P	916 "

3.02 Miscellaneous Information

Attachment 2 Test Numbers in Foreign Areas

Attachment 3 - Crossbar Tandem and No. 4
Crossbar Office Switchroom
Numbers.

Attachment 4 Table A - Toll Crossbar
Tandem Office Test Lines.
Table B - Local Tandem Office
Test Lines.

Attachment 5 Nationwide Toll Codes

3.03 Local Information

Attachment 6 - a. This section is to be
used by individual offices.
Information regarding numbers used locally
such as ringing machine transfer, alarm
checking terminals, tandem access from
No. 5 XBAR offices, test terminations on
switchboards, etc., may be listed here.

b. Record of test numbers
and associated circuits
for your office and any offices which list
you as the "Attended Switchroom".

c. Form P2300 for Report-
ing Changes.

4. RESPONSIBILITY AND PROCEDURES FOR MAKING REVISIONS

4.01 Anyone having knowledge of changes
in any telephone number in this
practice will notify his area Plant Mainte-
nance Supervisor.

4.02 The Central Office Supervisor shall:

- a. Refer to appropriate A300 series
Practices for standard numbers and
circuits.
- b. Check the test numbers and associated
test circuits in May and October of
each year.
- c. Keep a record of test numbers and
associated test circuits in Attachment
6 of this practice.
- d. Immediately prepare and forward in
triplicate form P2300 to Area Plant
Maintenance Supervisor as shown in g.
when changes occur.
- e. In the event a subscriber is assigned
a test number which is listed in this
practice, follow the procedure described
in subparagraph d. In addition, call the
area Plant Maintenance Supervisor and
give the information verbally. Across the
face of Form P2300 in red pencil write
"Rush" and a notation "information called
to name date".

f. Numbers will not be changed until
revised page of directory has been
received by the Central Office Super-
visor showing the change.

g. Bay Area - Room 714
74 New Montgomery
Street, San Fran-
cisco 5, California

Bell Telephone - P.O. Box 1911
Company of Reno, Nevada
Nevada

Los Angeles Area - Room 461
740 So. Olive St.
Los Angeles 55, Calif.

Northern Counties - Room 235
Area 3675 "T" Street
Sacramento 16, Calif.

Oregon Area - Room 200, Lincoln
Building
509 S.W. Oak St.
Portland 4, Oregon

Southern Counties - Room 503
Area 620 "C" Street
San Diego 1, Calif.

Washington-Idaho - Room 923
Area Exchange Building
821 - 2nd Avenue
Seattle 4, Wash.

4.03 Each Area Plant Maintenance Super-
visor shall:

a. Verify (some areas may wish to origi-
nate) Form P2300 for correctness and
forward two copies to:

The Pacific Telephone Company
Plant Results Engineer
Room 2326
140 New Montgomery Street
San Francisco 5, California

b. Standardize test numbers and circuits
as much as possible.

c. In the event a subscriber is assigned a
test number which is listed in this prac-
tice, the Central Office Supervisor will call
the information to the area Plant Main-
tenance Supervisor. The area Plant Main-
tenance Supervisor will make 1 copy of
Form P2300, check for correctness and

SECTION A199.850

call the information to the BSP Co-ordinator, Plant Operations, San Francisco. When Forms P2300 are received from Wire Chief he will forward the original in the normal manner.

4.04

- a. Corrected pages will be printed and distributed as often as necessary.

5. FORMS AND FILING

5.01 This section and attachments may be filed with your Bell System Practices. However, it is recommended that the "Test Number Directory" binder be used.

5.02 Form P2300 will be used by the printer to prepare a new card for the Acme Index Photo Panel. It is important that all information be legible, complete, and correct. Underline the changes in red pencil. Attachment, NPA and Page will be the same as the one shown in the practice. For added prefixes or exchanges the Page Number shown will be the page where the added prefix will fit in alphabetically. The printer will rearrange pages to make room for additions. Prepare separate Form P2300 for changes appearing on different pages. Blank column headings will be filled in as they appear for your particular NPA. See Figure 1.

Attachments:

As covered in Part 3

TEST NUMBER DIRECTORY - REPORT OF CHANGES

P-2300 (1-61)

BSP A199.850

CHECK BOX:

CHANGE
 ADDITION
 DELETION

UNDERLINE CORRECTED NUMBER(S) IN RED

ATTACHMENT 1-D

NPA 213

PAGE 12

DATE 1-15-61

Show Attachment, NPA, Page & Date as it appears in the Directory. Prepare Separate P2300 Forms for each Directory Page on which changes are to be made.

CITY-EXCHANGE	NOTE	PREF. OR CODE	ROUTE VERIFY	CHARGE VERIFY	1MW 1000 CYCLE	900 OHM BAL. NO. 1	900 OHM BAL. NO. 2	OPEN CKT. BAL.	SHORT CKT. BAL.	AUTO SUPV.	TRANS. TEST ACCESS	LOOP AROUND No. 1	LOOP AROUND No. 2	ANALYSIS BUREAU	ATTENDED SWITCHRM.
RESEDA	4	DI-2	1342	<u>9198</u>	0002	9297	9298		9290	9198		1118	1119	DI 40006	0000

IMPORTANT
 Show the complete listings on each line exactly as it will appear in the Directory.

NUMBER CHANGED From 1342 to 9198 (underline in RED) show reason in Remarks.

Show Column Headings as they appear on the Directory Page which is to be changed.

NUMBERS ADDED (underline in RED) Show reason in Remarks.

NOTES

- 1. VERBAL ANSWER
- 2. NOT 2L-5N
- 3. VIA NET LOSS
- 4. SXS EQUIP.
- 5. IXB EQUIP.
- 6. 5 X B EQUIP.
- 7. PANEL EQUIP.
- 8. XY EQUIP.
- 9. A.E.S. EQUIP.
- 10. N.E. EQUIP.
- 11. KELLOG EQUIP.
- 12. PBX
- 13. TWO CALLS REQUIRED FOR ANS. SUPV.
- 14. INDEPENDENT COMPANY
- 15.

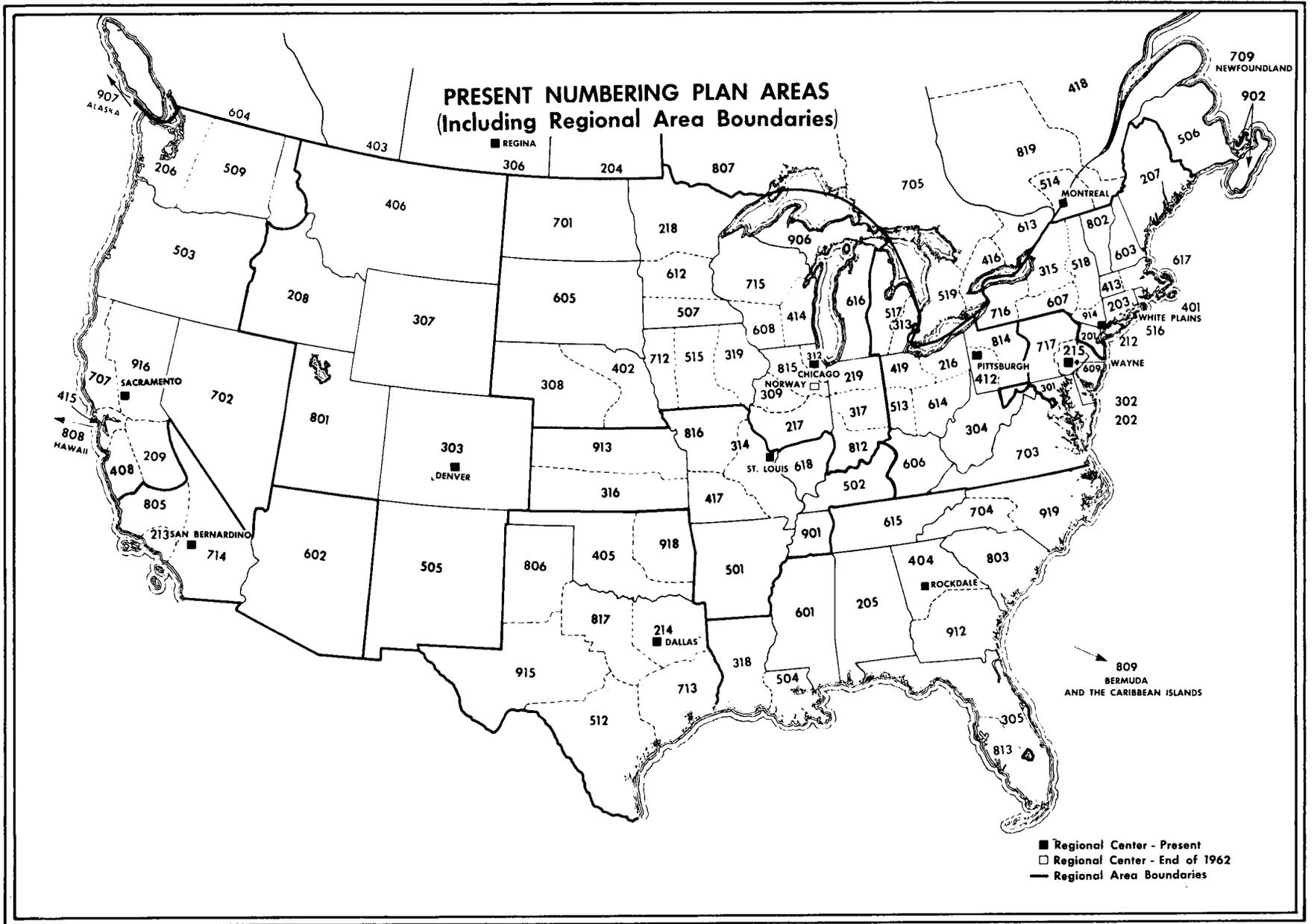
TEL. NO.	DRAWING NUMBER	REMARKS:
DI 2-9198	SD 31642-01	THE CIRCUIT THAT DI 2-1342 IS TIED TO DOES NOT GIVE PROPER CHARGE TEST
DI 2-1118	SD 98100 -01 FIG. 2	MULTIPLE ADDED TO OFFICE ON ES 109 COMPLETED 1-20-61
DI 2-1119	SD 98100-01 FIG. 2	" " " " " " " "

ACTUAL SIZE
 8-3/8" X 10-7/8"

SIGNED Jol Mamistake 1-20-61 DI 2-0009
 WIRE CHIEF DATE TEL. NO.

SIGNED _____
 MAINTENANCE SUPV. DATE TEL. NO.

FIGURE 1 Example of How To Report Changes



City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Angels Camp-Main	4	RE-6	2110	2110		4049	4048	4047	2110	4313	4314	2501
" " -Park	4	PA-8	3197	3197					3197			RE 6-2501
Atwater	4, 13	358	2523	3439	2000	5649	6448	6747	2523	5555	2000	5636
Burrel	4	UN-6	5640	5640					5640			TW 6-0011
" -Tuxedo	4	TU-4	2300	2300	2450				9910	2450	2650	TW 6-0011 ←
Caruthers	4	UN-4	3636	3636					3636			TW 6-0011
Chowchilla	4	MO-5	2121	2391	4520	4549	3448	4547	2121	2504	2604	674-2473
Clovis	4	CY-9	6609	6609	6060	5149	5147	5148	4909			4990
Coalinga	4	WE-5	0559	0022	0020				0710			2901
Corcoran	9, 14	WY-2	3909	2309					2309			
Coulterville	4	TR-8	3395	3395					3395			3421
Crows Landing	4	TE-7	4600	4600					4600			4332
Dinuba-Main	6	LY-1	3222	0022	0020				0710			0011
" -Lawrence	4, 13	LA-8	3047	3048	3301				4909	3301	4598	LY 1-0011 ←
Dos Palos	8, 14	EX-2	2106	2106								
" "	8, 14	DU-7	4141	4141								
" "	8, 14	FO-4	5233	5233								
Escalon	4	TE-8	2010	7622	7020	2347		7548	9910	2059	2069	2763
Firebaugh	4	OL-9	2282	2282	2420	2049	2648	2347	2020	2170	2180	674-2473
Fowler	1, 9, 14	TE-4	3611									

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-C
NPA 209, Page 1
Revised: 3-1-63 ←

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
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SECTION A199.850
 Attachment 1-C
 NPA 209, Page 2
 Revised: 3-1-63 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	DDD Service Bureau	Attended Switchrm.
Fresno-Baldwin	4	222	1190	1190	1777	0029	0053	0059	1190				227-4325
" "	4	227	1780	1780	1777	0024	0027	0072	1780				4325
" "	4	229	1909	1909	1777	0024	0041	0028	1909				227-4325
Fresno-Main	3, 4	AD-3	1309	1309	3088				4909				AD 7-1195
" "	3, 4	AD-7	0109	0109	4051				4909				1195
" "	4	AM-4	1409	1409	0784				4909				AD 7-1195
" "	3, 4	AM-6	1609	1609	1764				4909				AD 7-1195
" "	4	268	1809	1809	1777	0047	0049	0048	4909		0229		AD 7-1195
Fresno-Clinton	4	251	1992	1992	1777	8249	8247	8248	1992				255-0584
" "	4	255	6709	6709	2777	4049	4047	4048	4909				0584
" -Axminster	4	291	3109	3109	7010	3549	3547	3548	3109				3244
" -Sierra	6	439	1439	0022	0020	0049	0048	0047	0710	0044	0045		0011
Galt	4	PI-5	1300	1300	1511				1300				EN 8-2707 ←
Groveland	4	WO-2	7299	7213					7213				JE 2-3232
Gustine	4	854	3598	3598					9910				862-2993
Hanford	4	LU-2	0000	0000	0400				0000				LU 4-6665
"	4	LU-4	3000	3000	5000				3000				6665
Herald	4	PI-8	2440	2440					2440				EN 8-2707
Hughson	4, 13	TU-3	2607	2053	2000				9910	2000	4111		LA 4-8326 ←
Huron	4	WH-5	2340	2340	2370				2340	2370	2150		WE 5-2901 ←
Jamestown	4	YU-4	5422	5477					5477				JE 2-3232

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Kerman-Main	9, 14	VI-6	9999	9999								
" -Vinewood	9, 14	VI-3	2399	2399								
Kingsburg	4	TW-7	3601	3601	2950				3601	2950	5931	TW 6-0011 ←
Knights Ferry	4	TU-1	3332	3332					3332			3368
Laton	4	WA-3	4638	4638	4788				4638	4788	4648	584-6665 ←
Le Grand	4	EV-9	4598	4598					4598			4621
Lemoore-Main	4, 13	WA-4	5444	5464					5444			2691
" -West	4	WY-8	5091	5022					9910			5011
Linden	1, 9, 14	TU-7	3391									
Livingston	1, 14	EX-4	7931									
Lockeford	4	RA-7	5550	5659					5550			EN 8-2707
Lodi	4	EN-8	1111	1111	1009				1111			2707
"	4	EN-9	3701	3701	6929	5675	5674	5673	3701			EN 8-2707
Los Banos	4	826	2110	2248	4690	5603	4842	2284	2110	5874	5873	5168
Madera	4	OR-3	3330	3330					3330			3145
"	4	OR-4	5461	5461	6835				5461			2479
Manteca	1, 8, 14	TA-3	2207									
Mariposa	9, 14	WO-6	2399	2399					2399			
Mendota	4	OL-5	4860	4860					4860			4320
Merced	3, 4	722	1209	1209	0020				0710			3303
"	3, 4	723	0100	0100	0020				0100			722-3303
Moccasin	4	YU-9	2344	2344					2344			JE 2-3232

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

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Attachment 1-C
NPA 209, Page 3
Revised: 3-1-63 ←

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-C
 NPA 209, Page 4
 Revised: 3-1-63 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Modesto-Main	4	LA-2	1523	1523	0020				0710			LA 4-8326
" "	4	LA-3	8139	8139	0020				0710			8326
" "	4	LA-4	1524	1524	0020				0710			8326
" "	4	LA-9	0998	0998	0020				0710			8326
" -Kellog	4	KE-7	4427	4427	0020				9910			KE 7-0252
" -Kingswood	4	KI-5	0709	0709	0020				0710			LA 4-8326
Newman	4	862	3729	2339	2990	2608	2080	2719	3729	3784	3527	2993
Oakdale	4	VI-7	0821	0821	0020				0710			0371
Oakhurst	9, 14	OV-3							4909			
Orange Cove	4	MA-6	7363	7363	7649				7363	7649	7748	LY 1-0011 ←
Parlier	4	MI-6	2530	2344	2770				2344	2770	2850	LY 1-0011 ←
Patterson	8, 14	TY-2	7991	7991								
"	8, 14	TY-4	3991	3991								
Pinecrest	4	YO-5	3888	3888					3888			JE 2-3232
Pixley	4	PL-7	3700	3700	3600				3700			3645
Planada	4	382	0023	0023					9910			RA 2-3303 ←
Porterville	6	SU-4	5559	0022	0020				0710			0011
Raymond	9, 14	689	3399						3399			OV 3-4321
Reedley	9, 14	ME-8	2599	2599								
Ripon	1, 11, 14	TA-9	3993									
Riverbank	4	UN-9	2206	2206	1200				9910	2370	2365	2194
Riverdale	4	TO-7	3644	3644	3170				3644	3170	3250	TW 6-0011 ←
San Andreas	4	SK-4	3100	3000					3100			Jackson 480
Sanger	1, 9, 14	TR-5	4562									
San Joaquin	9, 14	693	4499						4499			693-4313
" "	9, 14	698	8499						8499			693-4313

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Selma	6	TW-6	1222	0222	0020				0710			0011
Sequoia	4	LO-5	3380	3380	3480				3380			3385 ←
Sonora-Main	4	JE-2	2741	2741					2741			3232
" -Juno	4	JU-6	2741	2741		3203	3202	3201	2741	3100	3000	JE 2-3232
Springville	4	JE-9	2445	2445					2445			SU 4-0011
Stockton-Main	4	HO-2	2709	2709	0020				0710			HO 6-1331
" "	4	HO-3	1700	1700	0020				0710			6-1331
" "	4	HO-4	2670	2670	0020				0710			6-1331
" "	4	HO-5	5211	5211	0020				0710			6-1331
" "	4	HO-6	6670	6670	0020	0383	0382	0381	0710			6-1331
" -Granite	4	GR-7	0298	0298	0020	2658	2657	2656	0710			GR 7-2629
Stratford	4	WI-7	3069	3069	3053				3063	3053	3005	584-6665 ←
Terra Bella	4	KE-5	4509	4509	4590				9910	4909	4590	784-0011
Thornton	4	PY-4	2359	2359					2359			EN 8-2707
Three Rivers	4	LO-1	4150	4150	4112				4150			4450 ←
Tracy	6	835	2999	0022	0020	0049	0048	0047	0710			0011
Tulare	4	MU-6	5547	5547	6677				7994			4757
Tuolumne	8, 14	WA-8	3109	3109					3109			
Turlock	4	ME-2	0700	0700	0020				0710	0044	0045	ME 4-4949
"	4	ME-4	7777	7777	3700				7777			4949
Visalia-Main	4	RE-2	0555	0555	0333				0555			3403
" "	4	RE-4	5555	5555	3333				5555			RE 2-3403
" -Sycamore	4	SY-8	0300	0300	0020				0300			0015
" -Sherwood	4	SH-7	0722	0022	0740	0449	0746	0648	0022			RE 2-3403 ←

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
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Revised: 3-1-63 ←

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

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 Attachment 1-C
 NPA 209, Page 6
 Revised: 3-1-63 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Waterford	4	TR-4	2411	9809	2400			9703	9910	2289	9409	2574 ←
Woodlake	4	JO-4	3300	3310	8809				3300			2183 ←
Yosemite-Frontier	4	372	4297	4297	4290	4249			4297	4446	4793	4401
" -Essex	4	375	6246	6246		6249			6246	6296	6398	6389

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Auto Supv.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Bureau	Attended Switchrm.
Alhambra-1st St.	4	281	1281	1281	0002	9297	9298	9296	9290	9198		1118	1119	2241	282-0000
"	"	4	282	1282	1282	0002	9297	9298	9296	9290	9198	1118	1119	281-2241	0000
"	"	4	284	1284	1284	0002	9297	9298	9296	9290	9198			281-2241	282-0000
"	"	4	289	1289	1289	0002	3185	3347	1701	4053	2349			281-2241	282-0000
"	"	4	283	3016	3016	0002	3053	5087	2288	3642	1679	1118	1119	281-2241	282-0000
" -Garvey	6	288	1288		0002	0297	0998	0296	0290	0190				280-0000	280-0000
"	"	6	280	1280		0002	9297	9298	9296	9290	9198	0299		0000	0000
Arcadia	4	445	1445	1445	1002	1297	1298			1198				447-0000	447-0000 ←
"	4	446	1446	1446	0002	9297	9298			9198				447-0000	447-0000 ←
"	4	447	1447	1447	0002	9297	9298			9198		1118	1119	0000	0000 ←
Artesia	4	UN-5	1865		2002	6297	6298	6296	6289	9798				1211	1211
Azusa	4, 14	ED-4	1334	1334	0002	9297	9298	9296	9290	9198				0000	0000
Baldwin Park	4, 14	ED-7	1337	1337	0002	9297	9298	9296	9290	9198				0000	0000
"	"	4, 14	ED-8	1338	1338	0002	9297	9298	9296	9290	9198			ED 7-0000	ED 7-0000
"	"	4, 14	YO-2	1117	1117	0002	9297	9298	9296	9290	9198			ED 7-0000	ED 7-0000
"	"	4, 14	YO-3	1787	1787	0002	9297	9298	9296	9290	9198			0000	0000
Bel Air	4, 14	GR-2	1472	1472	0002	9297	9298	9296	9290	9398				0000	0000
"	"	4, 14	GR-6	1476		1695	1697	1696	1690	1698				GR 2-0000	0000
Bellflower	4, 14	TO-6	1866	1866	0002	9297	9298	9296	9290	9198				TO 7-1711	TO 7-1711
"	4, 14	TO-7	1867		1002	1597	1598	1596	1590	9198				1711	1711
"	4, 14	WA-5	1925		1002	1597	1598	1596	1590	1498				TO 7-1711	TO 7-1711
Beverly Hills	4	BR-2	1272	1272	0002	9297	9298	9296	7275	9198				CR 1-0008	0000
"	"	4	CR-1	1271	1271	0002	9297	9298	9296	9290	9198			CR 1-0008	0000
"	"	6	CR-3	1273	1273	0002	0297		0296	0290	0198	1118	1119	CR 1-0008	0000
"	"	4	CR-4	1274	1274	0002	9297	9298	9296	9295	9198			CR 1-0008	0000
"	"	4	CR-5	1275	1275	0002	9297	9298	9296	9290	9198			CR 1-0008	0000
"	"	4	CR-6	1276	1276	0002	9297	9298	9296	9290	9198			CR 1-0008	0000
"	"	6	277	0817	0817	0802								CR 1-0008	0000

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850

Attachment 1-D

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- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

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 Attachment 1-D
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City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Auto Supv.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Bureau	Attended Switchrm.
Beverly Hills	6	TR-8	1878	1878	0002	0297		0296	0290	0198		1118	1119	CR 1-0008	0000
" "	6	879	0879	0879	0002	0297		0296	0290	0198				CR 1-0008	0000 ←
Burbank-Palm	4	TH-2	1842	1842	0002	9297	9298			9698	6753			3161	0000
" "	4	TH-5	1845	1845	0002	9297	9298			9198				TH 2-3161	0000
" "	6	TH-6	1846	1846	0002	9297	9298	9296	9290	9198				TH 2-3161	0000
" "	4	TH-8	1848	1848	0002	9297	9298			9198				TH 2-3161	0000
" "	4	VI-9	1849	1849	0002	5697	5698			5298				TH 2-3161	0000
Canoga Park	6	DI-6	1346		0002	8297	8298			8198		1118	1119	DI 7-0008	DI 7-0000 ←
" "	6	DI-7	1347		0002	9297	9298			9198		1118	1119	DI 7-0008	0000
" "	6	DI-8	1348		0002	7297	7298			7198		1118	1119	DI 7-0008	0000
" "	6	DI-0	1340		0002	9297	9298			9198		1118	1119	DI 7-0008	DI 8-0000
Compton-Compton	4	NE-1	1631	1631	0002	9297	9298			9198				NE 9-0077	0000
" "	4	NE-2	1632	1632	0002	9297	9298			9198				NE 9-0077	0000
" "	4	NE-5	1635	1635	0002	9297	9298			9198				NE 9-0077	0000
" "	4	NE-6	1636	1636	0002	9297	9298		9690	9198				NE 9-0077	0000
" "	4	NE-8	1638	1638	0002	9297	9298	9296		9198				NE 9-0077	0000
" "	6	NE-9	1639	1639	0002	0297	0298	0296	0290	0198	0299			0077	0000
Covina	4, 14	ED-1	1331	1331	0002	9297	9298	9296	9290	9198				ED 2-0000	ED 2-0000
" "	4, 14	ED-2	1332	1332	0002	9297	9298	9296	9290	9198				0000	0000
" "	4, 14	ED-9	1339	1339	0002	9297	9298	9296	9290	9198				ED 9-0000	ED 9-0000
Crescenta-Foothill	6	CH-8	1248	1248	0002	1297	1298	3296	1290	1198				0000	0000 ←
" "	6	SY-0	1790	1790	0002	9297	9298	9296	9290	9198				CH 8-0000	CH 8-0000 ←
" -Oceanview	4	CH-9	1249	1249	0002	9297	9298	9296	9290	9198				0000	0000

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Auto Supv.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Bureau	Attended Switchrm.
Culver City	4	UP-0	1870	1870	0002	9297	9298	9296	9290	9198				0000	0000
" "	4	VE-7	1837	1837	0002	9297	9298	9296	9290	9198				UP 0-0000	0000
" "	4	VE-8	1838	1838	0002	9297	9298	9296	9290	9198				UP 0-0000	0000
" "	4	VE-9	1839	1839	0002	9297	9298	7296	9290	9198				UP 0-0000	0000
Downey	4, 14	TO-1	1861		0002	9297	9298	9296	9289	8189				WA 3-3435	923-2141
"	4, 14	TO-2	1862		0002	9297	9398	9296	9290	9198				WA 3-3435	923-2141
"	4, 14	TO-9	1869		0002	9297	9298	9296	9290	9198				WA 3-3435	923-2141
"	4, 14	WA-3	1923	1923	1002	1497	1498	1496	1490	1398				3435	2141
El Monte	4	GI-3	1443	1443	1002	9297	9298	9296	9290	9198		1118	1119	GI 4-0087	GI 8-0000
" "	4	GI-4	1444	1444	0002	9297	9298	9296	7090	9198		1118	1119	4-0087	GI 8-0000
" "	4	GI-8	1448	1448	0002	9297	9298	9296	9290	9198		1118	1119	4-0087	0000
El Segundo	6	EA-2	1322		0002	9297	9298				0299			0000	0000
" " Douglas	6	648	2648	2648	3002	9297	9298	9296	9290	9198		4118	4119	3000	3000 ←
Gardena	6	DA-3	1323	1323	0002	9297	9298		9290	9198				DA 4-0000	FA 1-0000 ←
"	4	DA-4	1324	1324	0002	9297	9298	9296	9290	9198				0000	0000
"	6	DA-7	1327	1327	0002	9297				9198				DA 4-0000	0000
"	4	DA-9	1329	1329	0002	9297	9298	9296	9290	9198				DA 4-0000	DA 4-0000
"	6	FA-1	1321	1321	0002	9297	9298		9290	9198	0299			DA 4-0000	0000 ←
Glendale	4	CH-5	2584	2584	0002	9297	9298	9296	2290	2198		1118	1119	CI 1-0000	0000
"	4	CI-1	1241	1241	0002	9297	9298	9786	9290	9198		1118	1119	1-0000	0000
"	4	CI-2	1242	1242	0002	9297	9298	9296	9290	9198		1118	1119	CI 1-0000	CI 1-0000
"	4	CI-3	1243	1243	0002	9297	9298	9503	9290	9198		1118	1119	CI 1-0000	CI 1-0000
"	4	CI-4	1244	1244	0002	9297	9298	9296	9290	9198		1118	1119	CI 1-0000	CI 1-0000
"	4	CI-6	1246	1246	1002	2297	2298	2296	2290	2198		1118	1119	CI 1-0000	CI 1-0000

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Auto Supv.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Bureau	Attended Switchrm.
Glendora	4, 14	ED-5	1335	1335	0002	9297	9298	9296	9290	9198				0000	0000
Granada Hills	4, 14	EM-3	1363		3002	3297	3298			3198				1200	1200
Hawthorne	4	OS-5	1675	1675	0002					9198				OS 6-0000	OS 6-0000
"	4	OS-6	1676	1676	0002	9297	9298							0000	0000
"	4	OS-9	1679	1679	1002									OS 6-0000	OS 6-0000
"	4	SP-2	1772	1772	2802	2829	2698	2896	2840	2798				OS 6-0000	OS 6-0000
Inglewood-La Brea	4	OR-1	1671	1671	0002	9297		9296	9290	9198				OR 7-0000	0000
"	"	4	OR-2	1672	0002	9297		9296	9290					OR 7-0000	0000
"	"	6	OR-3	1673	0002	0297	0298							OR 7-0000	0000 ←
"	"	6	OR-4	1674	0002	9297	9298			9198				OR 7-0000	0000 ←
"	"	4	OR-7	1677	0002	9297		9296	9290	9198				0000	0000
"	"	4	OR-8	1678	0002	9892		9544	9988					OR 7-0000	0000
"	-Airport	6	670	1670	0002	9297	9298	9296	9290	9198	7299	1118	1119	SP 6-0000	0000 ←
"	"	6	SP-6	1776	0002	0297	0298	0296	0290	0198				0000	0000 ←
"	-96th St	6	64 6	4001	6002	4002	4003	4008	4005	4004					6000
La Habra	6, 14	OW-1	1691	1691	1002	1293	1419	1819	1519					OW 7-1711	OW 7-1711
"	"	6, 14	OW-7	1697	0002	9797	9798	9296	9390					1711	1711
Lomita	6	325	1325		0002		0298	0296	0290	0198		1118	1119	326-0000	326-0000
"	6	326	1326		0002		9298	9296	9290	9198	0299	1118	1119	0000	0000
Long Beach-Market	4, 14	GA-2	1422	1422	1002	9297	9298	9296	9290	9198				GA 3-5493	GA 3-5493
"	"	"	4, 14	GA-3	0002	9297	9298	9296	9290	9198				5493	5493
"	"	"	4, 14	GA-8	1002	9297	9298	9296	9290	9198				GA 3-5493	GA 3-5493 ←
"	"	-North	4, 14	GA-4	0002	9297	0377	0310	9290	9198				GA 7-5401	GA 7-5401
"	"	"	4, 14	GA-6	4002	4097	4095	4096	4090	4098				GA 7-5401	GA 7-5401

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Auto Supv.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Bureau	Attended Switchrm.
L.A.-Hollywood	4	HO-1	9260	9261				9296						HO 3-0053	HO 7-0000
"	"	4	HO-2	9198	9198	0002	9297	9298	9296	9198		1118	1119	HO 3-0053	HO 7-0000 ←
"	"	4	HO-3	6236	6236	0002								0053	0000
"	"	4	HO-4	1322	1322	0002								HO 3-0053	HO 7-0000
"	"	4	HO-5	2244	2244	0002			9296					HO 3-0053	0000
"	"	4	HO-6	1466	1466									HO 3-0053	HO 9-0000
"	"	4	HO-7	5161	5161	0002			9296					HO 3-0053	0000
"	"	4	HO-9	8900	8900	0002								HO 3-0053	0000
L.A. -Union	6	HU-2	2482	2482	0002	9297	9298	9296	9290	9198				HU 3-0000	HU 3-0000 ←
"	"	6	HU-3	1483	1483	0002	9297	9298	9296	9290	9198			0000	0000
" -So. Gate	4	LO-4	1564	1564	5502	5597	5598	5596	5590	5498				LO 6-0000	LO 6-0000
"	"	4	LO-6	1566	1566	0002	9297	9298	9296	9290	9198			0000	0000
"	"	4	LO-7	1567	1567	0002	9297	9298	9296	9290	9198			LO 6-0000	LO 6-0000
"	"	4	LO-9	1569	1569	0002	9297	9298	9296	9290	9198			LO 6-0000	LO 6-0000
L.A.-Huntington Pk.	4	LU-1	1581	1581	0002	9297	9298	9296	9290	9198				LU 7-0078	LU 5-0000
"	"	4	LU-2	1582	1582	0002	9297	9298	9296	9290	9198			LU 7-0078	LU 5-0000
"	"	4	LU-3	1583	1583	7902	7997	7998	7996	7990	7898			LU 7-0078	LU 5-0000
"	"	4	LU-5	1585	1585	0002	9297	9298	9296	9290	9198			LU 7-0078	0000
"	"	4	LU-7	1587	1587	0002	9297	9298	9296	9290	9198			0078	LU 5-0000
"	"	4	LU-8	1588	1588	0002	9297	9298	9296	0990	9198			LU 7-0078	LU 5-0000
"	"	4	LU-9	1589	1589	0002	0097	0098	0096	0090	6998			LU 7-0078	LU 5-0000
L.A.-716 So. Olive	4	MA-1	1200	1200	2002	4497	4498	1102	4550	1200				2000	2000
"	"	4	MA-2	1622	1622	0002	9297	9298	9296	9290	9198			0000	0000
"	"	4	MA-3	1623	1623	9098	9297	9298	9296	9200	9198			MA 1-2000	MA 1-2000
"	"	4	MA-7	1627	1627	0002	9488	9489	0510	9480	9198			0000	0000 ←

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

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Attachment 1-D
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Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-D
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City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Auto Supv.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Bureau	Attended Switchrm.
L.A. -433 So. Olive	4	MA-4	1624	1624	0002	9297	9298	1300	9250	9800		1118	1119	MA 8-0006	MA 4-0008
" "	4	MA-5	8162	8162	0002	0297	0298	0296	0290	0198	0084			MA 8-0006	MA 4-0008
" "	4	MA-6	1626	1626	0002	9297	9298	9296	9208	9198				MA 8-0006	MA 4-0008
" "	4	MA-8	1628	1628	0002	8108	8109	8262	8100	9198				0006	MA 4-0008
" "	4	MA-9	1629	1629	0002	9297	9298	9296	9290	9198				MA 8-0006	MA 4-0008
L.A. -434 So. Grand	6	MA-0	1620		0002	9297	9298	9296	9290	9198					0000
L.A. -1255 No. Vermont	4	NO-1	1661	1661	0002	9296	9297	9274	9290	9198				NO 4-0000	NO 4-0000
" "	4	NO-2	1662	1662		9296	9297	9274	9290	9998				NO 4-0000	NO 4-0000
" "	4	NO-3	1663	1663		9397	9398	9288	9289	9998				NO 4-0000	NO 4-0000
" "	4	NO-4	1664	1664	0002	9296	9297	9296	9290	9198				0000	0000
" "	4	NO-5	1665	1665	0002	9296	9297	9296		9198				NO 4-0000	NO 4-0000
" "	4	NO-6	0422	0422	0002	0897	0898	0597	0890	0798				NO 4-0000	NO 4-0000
" "	4	NO-8													
L.A. -Melrose	6	651	1651		0002									656-0001	653-0000 ←
" "	6	652	1652		0002	9297	9298			9198	0299			656-0001	0000 ←
" "	6	653	1653		0002	9297	9298			9198	0299			656-0001	0000 ←
" "	6	654	1654		0002	9297	9298			9198	0012			656-0001	0000 ←
" "	6	655	8655	8655	7002	9297	9298		9290	9198	9299			656-0001	652-0000 ←
" "	6	656	1656		0002	9297	9298			9198	0012			0001	0000 ←
" "	6	657	1657		0002									656-0001	652-0000 ←
L.A. -6900 So. Vermont	4	PL-1	8333	8333	0002	9297	9298	9296	9290					PL 8-0008	PL 8-0000
" "	4	PL-2	1752	1752	0002	9297	9298		9290					PL 8-0008	PL 8-0000
" "	4	PL-3	7050	7050	0002	9297	9298		9290					PL 8-0008	PL 8-0000
" "	4	PL-8	1758	1758	0002	9297								0008	0000
" "	4	PL-9	7932	7932	0002	9297	9298	9296	9290					PL 8-0008	PL 8-0000 ←
" "	6	PL-0	1750	1750	0002	0297	0298	0296	0290					PL 8-0008	PL 8-0000

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Auto Supv.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Bureau	Attended Switchrm.
Norwalk	4, 14	UN-3	1863		0002	9297	9298	9296	9290	9198				UN 8-3166	UN 8-0000
"	4, 14	UN-4	1864		0002	9297	9298	9296	9290	9198				UN 8-3166	UN 8-0000
"	4, 14	UN-8	1868		0002	1464	9298	9296	9290	1215				4640	0000
Ocean Park	4, 14	EX-2	1392		0002	9297	9298	9296	9290	9198				EX 6-0000	0000
" "	4, 14	EX-6	1396		0002	9297	9298	9296	9290	9198				0000	0000
" "	4, 14	EX-9	1339		0002	9297	9298	9296	9690	1198				EX 6-0000	0000
Pacoima	4, 14	EM-6	1366		8002									1000	1000
"	4, 14	EM-9	1369		6002	9093	9096			9098				EM 6-1000	0000
Pacific Palisades	4, 14	GL-4	1454	1454	0002	9397	9398	9396	9390	9198				0000	0000
Palos Verdes	4, 14	FR-5	1375	1375	0002	9247	9298	9216	9290					FR 4-0003	0000
" "	4, 14	FR-8	1378	1387	0002		9298	9216	9290					FR 4-0003	FR 5-0000
Paramount-Compton	4	ME-3	1633	1633	0002	9297	9298			9198				0000	0000
" "	"	6 ME-4	1634	1634	0002	0297	0298		0290	0198				ME 3-0000	0000
" "	"	4 ME-0	1630	1630	1002	2997	2998							ME 3-0000	ME 4-0000
" "	"	6 449	1449	1449	2902	2997	2998	2996	2990	1117		1118	1119	796-0015	796-0000 ←
Pasadena-Green	4	681	1681	1681	0002	9297	9298	9296	9290	9198		1118	1119	796-0015	796-0000 ←
" "	6	684	0684	0684	0102	0997	0998	0996	0990	0117		0118	0119	796-0015	796-0000 ←
" "	4	792	1792	1792	0002	9297	9298	9296	9290	9198		1118	1119	796-0015	796-0000 ←
" "	4	793	1793	1793	0002	9297	9298	9296	9290	9198		1118	1119	796-0015	796-0000 ←
" "	4	795	1795	1795	0002	9297	9298	9296	9290	9198		1118	1119	796-0015	796-0000 ←
" "	4	796	1796	1796	0002	9297	9298	9296	9490	9198		9818	9819	0015	0000 ←
Pasadena-Mission	4	MU-2	1682	1682	2002	2582	2583							SY 6-0015	SY 9-0000
" "	4	SY-9	5838	5838	0002	9297	9298	9296	9290	9198				SY 6-0015	0000
" -Lake	4	SY-4	1794	1794	0002	9297	9298		9290	9198				SY 7-0000	SY 7-0000
" "	4	SY-7	1797	1797	0002	9297	9298		9290	9198				0000	0000
" "	4	SY-8	1798	1798	0002	9297	9298		9290	9198				SY 7-0000	SY 7-0000

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

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 Attachment 1-D
 NPA 213, Page 12
 Revised: 3-1-63 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Auto Supv.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Bureau	Attended Switchrm.
Pico	4, 14	OX-2	1692	1692	0002	9297	9298	9296	9290	9198				OX 9-1011	OX 9-1011
"	4, 14	OX-5	1695	1695	0002	9297	9298	9296	9290	9198				OX 9-1011	OX 9-1011
"	4, 14	OX-9	1699	1699	0002	9297	9298	9296	9290	9198				1011	1011
Puente	4, 14	ED-3	1333		0002	9297	9298	9296	9290	9198				ED 6-0000	ED 6-0000
"	4, 14	ED-6	1336		0002	9297	9298	9296	9290	9198				0000	0000
"	4, 14	ED-0	1330											ED 6-0000	ED 6-0000
Redondo-El Nido	4, 14	FR-1	9198	9198	0002	9297	9298	9296	9290	9198				FR 4-0003	0000
"	4, 14	FR-2	1372	1372	0002	9297	9298	9296	9290	9198				FR 4-0003	FR 4-0000
"	4, 14	FR-3	1373	1373	0002	3297	3298	3296	1298	1198				FR 4-0003	FR 4-0000
"	4, 14	FR-4	1374	1374	0002	9297	9298	9296	9290	9198				0003	0000
"	4, 14	FR-6	1376	1376	0002	9297	9298	9296	9290	9198				FR 4-0003	FR 4-0000
"	4, 14	FR-9	1379	1379	0002	9297	9298	9296	9290	9198				FR 4-0003	FR 4-0000
Reseda	4	DI-2	1342	1342	0002	9297	9298		9290	9198				DI 4-0006	0000
"	4	DI-3	1343	1343	0002	9297	9298		9290	9198				DI 4-0006	0000
"	4	DI-4	1344	1344	0002	9297	9298		9290	9198				0006	0000
"	6	DI-5	1345	1345	0002	9297	9298			9198				DI 4-0006	0000 ←
" -Shirley	6	DI-9	1349		0002	0297	0298				0299	1118	1119	DI 9-0003	DI 9-0000
" "	6	DI-1	1341		0002	0297	0298				0299	1118	1119	DI 9-0003	DI 9-0000
Rolling Hills	4, 14	FR-7	1377	1377	0002	1297	1298	1296	1290					FR 4-0003	0000
Rowland	4, 14	YO-4	1964		0002	9297	9298	9296	9290	9198				0000	0000
San Fernando	4, 14	EM-1	1361		0002	9295	9298							0000	0000
" "	4, 14	EM-5	1365		1002									EM 1-0000	EM 1-0000
" -Sylmar	4, 14	EM-7	1367		6002	6297	6298			6198				1000	1000
San Gabriel	4	AT-6	1286	1286	0002	9297	9298	9296	9290	9198				0000	0000
" "	4	AT-7	1287	1287	0002	9297	9298	9296	9290	9198				AT 6-0000	AT 6-0000

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Auto Supv.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Bureau	Attended Switchrm.
San Pedro-5th St.	4	TE-1	1831	1831	1002	2297	2298		2290	2198				TE 3-0000	TE 3-0000
" " "	4	TE-2	1832	1832	0002	9297	9298		9290	9198		1118	1119	TE 3-0000	TE 3-0000
" " "	4	TE-3	1833	1833	0002	9297	9298		9290	9198				0000	0000
Santa Monica	4, 14	EX-3	1393		0002	9297	9298	9296	9290	9198				EX 5-0000	0000
" "	4, 14	EX-4	1394		0002	9297	9298	9296	9290	9198				EX 5-0000	0000
" "	4, 14	EX-5	1395		0002	9297	9298	9296	9290	9198				0000	0000
" "	4, 14	GL-1	1451	1451	0002	9297	9298	9296	9290	9198				EX 5-0000	EX 5-0000
Sepulveda	4, 14	EM-2	1362		2002	9196	9197			9198				0000	0000
"	4, 14	EM-4	1364		6002									EM 2-0000	EM 2-0000
Sierra Madre	4, 14	EL-5	0073		3121	6897	6898							3426	3426
" "	4, 14	EL-6	1356		0002	1897								EL 5-3426	EL 5-3426
Sunland	4, 14	FL-2	1117											FL 3-0000	FL 3-0000
"	4, 14	FL-3	9998		0002	9017	9018							0000	0000
Sun Valley	4	CH-7	7800	7800	0002	9297	9298			9198				PO 5-0000	0000
Topanga	4, 14	GL-5	2991			7191	7391	6691	7891	2991				2611	2611
Torrance	6	FA-8	1328		0002	9297	9298		9290	9198				0000	0000
"	6	FA-0	0320	1320	0002									FA 8-0000	FA 8-0000
Valley View	4, 14	WH-1	1941	1941	0002	9497	9498	9496	9490	9198				0000	0000
" "	4, 14	WH-4	1944	1944	1002	1297	1298	1296	1290	1198				WH 1-0000	WH 1-0000 ←

Notes: 1. Verbal Answer 5. DXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-D
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Revised: 3-15-62 ←

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-D
 NPA 213, Page 14
 Revised: 3-1-63 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Auto Supv.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Bureau	Attended Switchrm.
Van Nuys-Cedros	6	ST-1	1781	1781	0002	0297	0298	0296	0290	0198				ST 5-0008	0000
" "	6	ST-2	1782	1782	6002	9297	9298			9198				ST 5-0008	ST 6-0000
" "	4	ST-5	7036	7036	0002		9298			9296				0008	0000
" "	6	ST-6	1786	1786	0002	9297	9298			9198				ST 5-0008	0000
" "	4	ST-0	2148	2148	0002	9297	9298			9198				ST 5-0008	ST 5-0000
" "	6	TR-3	1783		2002	2297	2298		2290	2198	1399			ST 5-0008	ST 1-0000
Van Nuys-Kester	6	ST-3	0783		0002	0297	0298		0290	0198				ST 8-1414	0000
" "	4	ST-4	1784	1784	0002	9297	9298			9198				ST 8-1414	0000
" "	6	ST-8	1788		0002	9297	9298		9290		0299			ST 8-1414	0000
" "	4	ST-9	1789	1789	0002	9297	9298							ST 8-1414	ST 8-0000
West Los Angeles	4, 14	BR-0	4917	4917	4600									GR 7-0003	GR 3-0000
" "	4, 14	GR-3	1473	1473	0002	9297	9298	9296	9290	9198				GR 7-0003	0000
" "	4, 14	GR-4	1474	1474	0002	9297	9298	9296	9290	9198				GR 7-0003	0000 ←
" "	4, 14	GR-7	1477	1477	0002	9297	9298	9296	9290	9198				0003	0000
" "	4, 14	GR-8	1478	1478	0002	9297	9298	9296	9290	9198				GR 7-0003	0000
" "	4, 14	GR-9	1479	1479	0002	9297	9298	9296	9290	9198				GR 7-0003	0000
Whittier-South	4, 14	OX-3	1693	1693	0002	9297	9298	9296	9290	9198				OX 6-1121	OX 6-1121
" "	4, 14	OX-6	1696	1696	0002	9297	9298	9296	9290	9198				1121	1121
" "	4, 14	OX-8	1698	1698	1002	7397	7398	7396	7390	1849				OX 6-1121	OX 6-1121
Whittwood	9, 14	943	1943	1943	0002	1949								0003	0000
Wilmington	4	SP-5	1775	1775	1002	2097	1998	2096	2090	2098		1118	1119	TE 4-0000	TE 4-0000
" "	4	TE-4	1834	1834	0002	9297	9298	9296	9290	9198		1118	1119	0000	0000
" "	4	TE-5	1835	1835	0002	9297	9298	9296	9290	9198		1118	1119	TE 4-0000	TE 4-0000
Zuma	4, 14	GL-7	1457		2302	9297	9298	9296	9290	9198					2300

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Aptos	4	MU-8	9886	9886	5679	2749		2748	2747	5590	5679	3186	GA 3-0015
Ben Lomond	4	DE-6	5905	5905						5905			GA 3-0015
Boulder Creek	4	FE-8	9985	9985						9985			GA 3-0015
Campbell-Main	4, 13	FR-8	0700	0110						3111			0015
" -Essex	6	ES-7	0684	0022	0020					0710			0015
" "	6	DR-9	1499	1097	1777					2010			AL 2-0011
Carmel	4	MA-4	7328	7328	3382					7328			4386
Carmel Valley	4	659								2777	2121	2555	FR 2-7588
Castroville	4, 13	NE-3	2609	2526		2789		2787	2788	2609			HA 2-0010
Chualar	4	OR-9	2393	2393						2393			HA 2-0010
Felton	4	ED-5	9988	9988						9988			GA 3-0015
Gilroy	1, 9, 14	VI-2	3134										3120
Gonzales	4	OS-5	3996	3996						3996			HA 2-0010
Greenfield		OR-4	5937	5937						5937			5301
Hollister	4	637	2198	2198	2390	4698	4665			2198	4698	4665	4147 ←
King City	4	385	5031	5049	5090	5078		5076	5077	5055			3201
Los Gatos	11, 14	EL-4	9998	9998						3111			9080
" "	9, 14	EL-6	2098	2058						2098			1080

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.
TCF Library - <http://www.telephonecollectors.info/>

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Analysis Bureau	Attended Switchrm.
Aptos	4	MU-8	9886	9886	5679	2749		2748	2747	5590	5679	3186		GA 3-0015
Ben Lomond	4	DE-6	5905	5905	5018					5905	5018	5490		GA 3-0015 ←
Boulder Creek	4	FE-8	9985	9985	6259					9985	6259	6676		GA 3-0015 ←
Campbell-Franklin	6	FR-8	1700	0022	0020	0049		0048	0047	0710				0015 ←
" -Essex	6	ES-7	0684	0022	0020					0710				0015
" -Drexel	6	DR-9	1499	1097	1777					2010				0015 ←
Carmel	4	MA-4	7328	7328	3382					7328				4386
Carmel Valley	4	659								2777	2121	2555		FR 2-7588
Castroville	4, 13	NE-3	2609	2526	3120	2789		2787	2788	2609	2700	2000	424-7331	422-0010 ←
Chualar	4	OR-9	2393	2393						2393			424-7331	422-0010 ←
Felton	4	ED-5	9988	9988	4663					9988	4663	4505		GA 3-0015 ←
Gilroy	1, 9, 14	VI-2	3134											3120
Gonzales	4	OS-5	3996	3996						3996			424-7331	422-0010 ←
Greenfield	4	674	5937	5937	5598	5998				5937				424-0211 ←
Hollister	4	637	2198	2198	2390	4698	4665			2198	4698	4665	424-7331	4147 ←
King City	4	385	5031	5049	5090	5078		5076	5077	5055				3201
Los Gatos	11, 14	EL-4	9998	9998						3111				9080
" "	9, 14	EL-6	2098	2058						2098				1080

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850

Attachment 1-E

NPA 408, Page 1

Revised: 3-1-63 ←

- Notes: 1. Verbal Answer 5. DXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Monterey-N.E.	#1	8	DU-4	8484					8484			EX 4-0010
"	"	#2	4	DU-4	9494				9494			EX 4-0010
"	-Main	4	FR-2	0067	0067	0024	0049	0047	0048	0000		7588
"	"	4	FR-3	3227	3227	1172				3000		FR 2-7588
"	"	4	FR-5	0069	0069	3331	0049	0047	0048	0000		FR 2-7588
"	-Export	4	EX-4	0078	0078	0020	0049	0047	0048	0078		0010
"	-Fort Ord	14		242	2211					4875		242-4411
Morgan Hill	1, 9, 14		PR-9	2058								2080
Pinnacles	9, 14		FU-9	4599								
Salinas-Main	4		HA-2	8122	8122				8122			0010
"	"	4	HA-4	3345	3345				3345			HA 2-0010
"	-Glenview	4	GL-5	1190	1190				1190			HA 2-0010
"	-Hickory	4	HI-9	1449	0022				0710			0011
"	-Hunter	4		484	1031	1031	1390			1390	1098	HA 2-0010 ←
San Jose-Clayburn	6		CL-1	1900	0022	0020			0710			0015
"	"	"	6	CL-8	7011	0022	0020		0710			0015
"	"	"	6	259	0087	0022	0020		0710			0015
"	"	-Main	5	CY-2	2345	0022	0020		0710			0015
"	"	"	5	CY-3	3456	0022	0020		0710			0015
"	"	"	5	CY-4	4567	0022	0020		0710			0015
"	"	"	5	CY-5	5678	0022	0020		0710			0015
"	"	"	5	CY-7	1324	0022	0020		0710			0015
"	"	"	5	CY-8	0633	0022	0020		0710			0015

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-E
 NPA 408, Page 2
 Revised: 3-1-63 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Analysis Bureau	Attended Switchrm.
Monterey-N.E.	#1 8	DU-4	8484	8484					8484				EX 4-0010
"	" #2 4	DU-4	9494	9494					9494				EX 4-0010
"	-Main 4	FR-2	0067	0067	0024	0049	0047	0048	0000				7588
"	" 4	FR-3	3227	3227	1172				3000				FR 2-7588
"	" 4	FR-5	0069	0069	3331	0049	0047	0048	0000				FR 2-7588
"	-Export 4	EX-4	0078	0078	0020	0049	0047	0048	0078				0010
"	-Fort Ord 14	242	2211						4875				242-4411
Morgan Hill	1, 9, 14	PR-9	2058										2080
Pinnacles	9, 14	FU-9	4599									424-7331	←
Salinas-Main	4	422	8122	8122	0019				8122			424-7331	0010 ←
"	" 4	424	3345	3345	1013				3345			-7331	422-0010 ←
"	-Glenview 4	455	1190	1190	1690				1190			424-7331	422-0010 ←
"	-Hickory 4	HI-9	1449	0022					0710				0011
"	-Hunter 4	484	1031	1031								424-7331	422-0010 ←
San Jose-Clayburn	6	CL-1	1900	0022	0020				0710				0015
"	" 6	CL-8	7011	0022	0020				0710				0015
"	" 6	259	0087	0022	0020				0710				0015
"	" -Main 5	CY-2	2345	0022	0020				0710				0015
"	" " 5	CY-3	3456	0022	0020				0710				0015
"	" " 5	CY-4	4567	0022	0020				0710				0015
"	" " 5	CY-5	5678	0022	0020				0710				0015
"	" " 5	CY-7	1324	0022	0020				0710				0015
"	" " 5	CY-8	0633	0022	0020				0710				0015

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cvcle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
San Jose-Alpine	6	AL-2	1333	0022	0020				0710			0015
" " "	6	AL-3	0749	0022	0020				0710			0015
" -Amherst	6	AM-2	1814	0022	0020				0710			0015
" -Axminster	5	CH-1	1991	0022	0020				0710			AX 6-0015
" " "	5	CH-3	0123	0022	0020				0710			0015
" " "	5	CH-8	1998	0022	0020				0710			0015
" " "	5	AX-6	6543	0022	0020				0710			0015
San Jose-Andrews	6	AN-4	8264	0022	0020				0710			0015
" " "	6	AN-6	2626	0022	0020				0710			0015
" " "	6	AN-9	2626	0022	0020				0710			0015
" -Baldwin	5	BA-5	0683	0022	0020				0710			0015
" " "	5	BA-7	0618	0022	0020				0710			0015
San Juan	4	NA-3	4290	4290					4290			4201
San Martin	4	MU-3	2333	2581					2699			CY 2-8556
Santa Cruz-Main	3,6	GA-3	9099	0022	0020	0049	0048	0047	0710			0015
" " "	3,6	GA-6	1779	0022	0020	0049	0048	0047	0710			0015
" -Greenwood	6	GR-5	0699	0022	0020	0049	0048	0047	0710			0015
Saratoga	4	UN-7	3097	3960					3111			3301
Soledad	4	OR-8	2859	2859					2859			2201
Sunnyvale	6	736	6000	0022	0020	0049	0048	0047	0710			0015 ←
" "	6	739	0000	0022	0020	0049	0048	0047	0710	0044	0045	0015 ←
" "	6	245	0099	0022	0020	0049	0048	0047	0710			0015 ←
Tres Pinos	4	MA-8	3297	3297					3297			3201
Watsonville	4	PA-2	0410	0410	0020				0410			PA 4-2411
" "	4	PA-4	9498	9498	1120				9498			2411

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850

Attachment 1-E

NPA 408, Page 3

Revised: 7-1-62 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cvcle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Analysis Bureau	Attended Switchrm.
San Jose-Alpine	6	AL-2	1333	0022	0020	0049	0048	0047	0710				0015 ←
" "	6	AL-3	0749	0022	0020	0049	0048	0047	0710				0015 ←
" -Amherst	6	AM-2	1814	0022	0020				0710				0015
" -Axminster	5	CH-1	1991	0022	0020	0049	0048	0047	0710				AX 6-0015
" "	5	CH-3	0123	0022	0020	0049	0048	0047	0710				0015
" "	6	244	9978	0022	0020				0710				0015
" "	5	CH-8	1998	0022	0020	0049	0048	0047	0710				0015
" "	5	AX-6	6543	0022	0020	0049	0048	0047	0710				0015
San Jose-Andrews	6	AN-4	8264	0022	0020				0710				0015
" "	6	AN-6	5999										AN 9-0015
" "	6	AN-9	2626	0022	0020				0710				0015
" -Baldwin	5	BA-5	0683	0022	0020				0710				0015
" "	5	BA-7	0618	0022	0020				0710				0015
San Juan	4	623	4290	4290					4290			424-7331	4201 ←
San Martin	4	MU-3	2333	2581					2699				CY 2-8556
Santa Cruz-Main	3, 6	GA-3	9099	0022	0020	0049	0048	0047	0710				0015
" "	3, 6	GA-6	1779	0022	0020	0049	0048	0047	0710				0015
" -Greenwood	6	GR-5	0699	0022	0020	0049	0048	0047	0710				0015
Saratoga	6	UN-7	3097	0022	0020	0049	0048	0047	0710				3301 ←
Soledad Ckt 1	4	678	2859	2859	2498	2598			2859	2498	2598	424-7331	2201 ←
" Ckt 2	4	678	2990	2990									←
Sunnyvale	6	736	6000	0022	0020	0049	0048	0047	0710				0015
"	6	739	0000	0022	0020	0049	0048	0047	0710	0044	0045		0015
"	6	245	0099	0022	0020	0049	0048	0047	0710				0015
Tres Pinos	4	628	3297	3297					3297			424-7331	3201 ←
Watsonville	4	PA-2	0410	0410	0020				0410				PA 4-2411
"	4	PA-4	9498	9498	1120				9498				2411

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-E
NPA 408, Page 3
Revised: 3-1-63 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Attended Switchrm.
Alameda-E. Bay	5	LA-1	0777	0022	0020				0710	0011
" "	5	LA-2	3699	0022	0020				0710	0011
" "	5	LA-3	1111	0022	0020				0710	0011
Albany-E. Bay	5	LA-4	0799	0022	0020				0710	0011
" "	5	LA-5	6666	0022	0020				0710	0011
" "	5	LA-6	3333	0022	0020				0710	0011
Antioch	6	PL-7	3026	0022	0020				0710	0011
Belvedere	4	GE-5	0009	0009	0020				0710	0015
Berkeley-E. Bay	6	TH-1	1236	0022	0020	0049	0048	0047	0710	0011 ←
" "	6	TH-3	1896	0022	0020	0049	0048	0047	0710	0011 ←
" "	6	TH-5	2099	0022	0020	0049			0710	0011 ←
" "	6	TH-8	3573	0022	0020	0049			0710	0011 ←
" "	6	849	0059	0022	0020	0049			0710	0011 ←
Bethel Island	4	OV-4	2189	2189					2189	HE 2-7391
Brentwood	4	634	3606	4222	3380				4222	HE 2-7391 ←
Cambria	4	WA-7	4239	4239					0710	LI 3-0015
Concord	6	MU-2	9354	0022	0020				0710	0011
"	6	MU-5	7554	0022	0020				0710	0011
"	6	MU-6	0686	0022	0020				0710	0011
Corte Madera	6	WA-4	1899	0022	0020				0710	0015
Danville Valley	4	VA-1	9940	9940						VE 7-4203
Danville Valley	4	VA-8	2610	2610					2600	VE 7-4203 ←
Danville Main	4	VE-7	4263	4263	2687				7712	4203 ←

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.			Inc. Trk. T.L.	60 IPM Busy	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.	
Alameda-E. Bay	5	LA-1	0777	0022	0020	0049		0048	0047	0710			0011	
" "	5	LA-2	3699	0022	0020	0049		0048	0047	0710			0011	
" "	5	LA-3	1111	0022	0020	0049		0048	0047	0710			0011	
Albany-E. Bay	5	LA-4	0799	0022	0020					0710			0011	
" "	5	LA-5	6666	0022	0020					0710			0011	
" "	5	LA-6	3333	0022	0020					0710			0011	
" "	5	527	0989	0022	0020					0710			0011	
Antioch	6	PL-7	3026	0022	0020					0710	1999	0044	0045	0011 ←
Belvedere	4	GE-5	0009	0009	0020					0710				0015
Berkeley-E. Bay	6	TH-1	1236	0022	0020	0049		0048	0047	0710				0011
" "	6	TH-3	1896	0022	0020	0049		0048	0047	0710				0011
" "	6	TH-5	2099	0022	0020	0049				0710				0011
" "	6	TH-8	3573	0022	0020	0049				0710				0011
" "	6	849	0059	0022	0020	0049				0710				0011
Bethel Island	4	OV-4	2189	2189						2189				HE 2-7391
Brentwood	4	634	3606	4222	3380					4222				HE 2-7391
Cambria	4	WA-7	4239	4239						0710				LI 3-0015
Concord	6	682	9354	0022	0020	0049		0048	0047	0710	1999			0011
" "	6	685	7554	0022	0020	0049		0048	0047	0710	3978	0044	0045	0011
" "	6	686	0686	0022	0020	0049		0048	0047	0710	1999	0044	0045	0011
Corte Madera	6	924	1899	0022	0020	0049		0048	0047	0710				0015 ←
Danville Valley	4	VA-1	9940	9940										VE 7-4203
Danville Valley	6	828	2489	0022	0020	0049		0048	0047	0710	1999	0044	0045	0011
Danville Main	4	VE-7	4263	4263	2687					7712				4203

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-F
NPA 415, Page 1
Revised: 3-1-63 ←

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-F
 NPA 415, Page 2
 Revised: 10-15-61 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Attended Switchrm.
Dumbarton-Main	6	SY-3	2584	0022	0020				0710	0011
"	" 6	SY-7	3193	0022	0020				0710	0011
" -Greenleaf	6	GR-1	1798	0022	0020				0710	0011
" -Oliver	6	OL-6	0045	0022	0020				0710	0011
Half Moon Bay	4, 13	RA-6	4698	4150					4698	DI 2-0011
Hayward-Browning	6	BR-6	5265	0022	0020				0710	0011
"	" 6	BR-8	1429	0022	0020				0710	0011
Hayward-Main	5	JE-7	1717	0022	0020				0710	0011
"	" 5	JE-8	1199	0022	0020				0710	0011
"	" 5	LU-1	7655	0022	0020				0710	0011
"	" 5	LU-2	2223	0022	0020				0710	0011
" -South	6	SU-2	1777	0022	0020				0710	0011
Ignacio	4	TU-3	7383	7383	6096				7383	7301
Inverness	4	NO-9	1005	1005					1005	WA 4-0015
Lafayette	6	283	6598	0022	0020	0049	0048	0047	0710	0011 ←
"	6	284	4842	1022	1020				1710	283-0011 ←
Livermore	6	HI-7	3989	0022	0020				0710	0011 ←
Los Altos	6	941	0321	0022	0020	0049	0048	0047	0710	0015 ←
"	6	948	4614	0022	0020	0049	0048	0047	0710	0015 ←
Martinez	6	AC-8	2370	0022	0020				0710	0011
Millbrae	3, 6	OX-7	4663	0022	0020				0710	0015
Mill Valley	6	DU-8	0707	0022	0020				0710	0015
Moraga	4	DR-6	4401	4401					4401	CL 4-0011
Morro Bay	4	SP-2	8104	8104					0710	LI 3-0015

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-F
 NPA 415, Page 2
 Revised: 3-1-63 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	60 IPM Busy	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Dumbarton-Main	6	793	2584	0022	0020	0049	0048	0047	0710				0011 ←
"	" 6	797	3193	0022	0020	0049	0048	0047	0710				0011 ←
" -Greenleaf	6	471	1798	0022	0020	0049	0048	0047	0710				0011 ←
" -Oliver	6	656	0023	0022	0020	0049	0048	0047	0710	1999	0044	0045	0011 ←
Half Moon Bay	4, 13	726	4698	4150					4698		2178	2179	DI 2-0011 ←
Hayward-Browning	6	BR-6	5265	0022	0020				0710				0011
"	" 6	BR-8	1429	0022	0020				0710				0011
Hayward-Main	5	537	1717	0022	0020	0049	0048	0047	0710				0011 ←
"	" 5	538	1199	0022	0020	0049	0048	0047	0710				0011 ←
"	" 5	581	7655	0022	0020	0049	0048	0047	0710				0011 ←
"	" 5	582	2223	0022	0020	0049	0048	0047	0710				0011 ←
" -South	6	782	1777	0022	0020	0049	0048	0047	0710				0011
"	" 6	783	0979	0022	0020	0049	0048	0047	0710				0011
Ignacio	4	TU-3	7383	7383	6096				7383				7301
Inverness	4	NO-9	1005	1005					1005				WA 4-0015
Lafayette	6	283	6598	0022	0020	0049	0048	0047	0710				0011
"	6	284	4842	1022	1020				1710				283-0011
La Honda	4, 13	PI-7	0250	0022					0012		0044	0045	DI 2-0011 ←
Livermore	6	HI-7	3989	0022	0020				0710				0011
Los Altos	6	941	0321	0022	0020	0049	0048	0047	0710				0015
"	" 6	948	4614	0022	0020	0049	0048	0047	0710				0015
Martinez	6	228	2370	0022	0020	0049	0048	0047	0710		0044	0045	0011
Millbrae	3, 6	OX-7	4663	0022	0020	0049	0048	0047	0710				0015 ←
Mill Valley	6	DU-8	0707	0022	0020	0049	0048	0047	0710		0044	0045	0015 ←
Moraga	4	DR-6	4401	4401					4401				CL 4-0011
Morro Bay	4	SP-2	8104	8104					0710				LI 3-0015

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Inc. Trk. T.L.	Attended Switchrm.
Moss Beach	4, 13	PA-8	3300	3350			3300	DI 2-0011
Mountain View	4	YO-7	3313	3313	0020		0710	0015 ←
" "	4	YO-8	0109	0109	0020		0710	0015 ←
Nicasio	4	NO-2	2109	2109			2109	WA 4-0015
Novato	1, 11, 14	TW-2	6598					GL 3-0015
Oakland-Kellog	5	AN-1	6761	0022	0020		0710	0011
" "	5	KE-2	3792	0022	0020		0710	0011
" "	5	KE-3	3157	0022	0020		0710	0011
" "	5	KE-4	4553	0022	0020		0710	0011
" "	5	KE-6	4789	0022	0020		0710	0011
Oakland-Main	12	CR-1	3271	2022	2020			GL 1-9998
" "	7	HI-4	9999	0022	0020		0710	0011
" "	7	GL-1	4320	0022	0020		0710	0011
" "	7	GL-2	0698	0022	0020		0710	0011
" "	7	TE-2	9218	0022	0020		0710	0011
" "	6	TE-4	9720	0022	0020		0710	0011
" "	6	TE-5	7999	0022	0020		0710	0011 ←
" "	7	TE-6	4979	0022	0020		0710	0011
" "	7	TW-3	5111	0022	0020		0710	0011
Oakland-Olympic	7	OL-2	9819	0022	0020		0710	0011
" "	5	OL-3	2748	0022	0020		0710	0011
" "	5	OL-4	9055	0022	0020		0710	0011
" "	5	OL-5	7215	0022	0020		0710	0011
" "	5	OL-8	4970	0022	0020		0710	0011

- Notes: 1. Verbal Answer 5. LXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Moss Beach	4, 13	PA-8	3300	3350	3720				3300	3212	3211	DI 2-0011 ←
Mountain View	6	961	0979	0022	0020	0049	0048	0047	0710			0015
" "	4	967	3313	0022	0020	0049	0048	0047	0710			0015
" "	4	968	0109	0022	0020	0049	0048	0047	0710			0015
" "		969	9188	(For DTWX Subscriber Lines Only)								
Nicasio	4	NO-2	2109	2109					2109			WA 4-0015
Novato	1, 11, 14	TW-2	6598									GL 3-0015
Oakland-Kellog	5	AN-1	6761	0022	0020	0049	0048	0047	0710			0011 ←
" "	5	KE-2	3792	0022	0020	0049	0048	0047	0710			0011 ←
" "	5	KE-3	3157	0022	0020	0049	0048	0047	0710			0011 ←
" "	5	KE-4	4553	0022	0020	0049	0048	0047	0710			0011 ←
" "	5	KE-6	4789	0022	0020	0049	0048	0047	0710			0011 ←
Oakland-Main	12	CR-1	3271	2022	2020							GL 1-9998
" "	7	HI-4	9999	0022	0020				0710			0011
" "	7	GL-1	4320	0022	0020				0710			0011
" "	7	GL-2	0698	0022	0020				0710			0011
" "	7	TE-2	9218	0022	0020				0710			0011
" "	6	TE-4	9720	0022	0020				0710			0011
" "	6	TE-5	7999	0022	0020				0710			0011
" "	7	TE-6	4979	0022	0020				0710			0011
" "	7	TW-3	5111	0022	0020				0710			0011
Oakland-Olympic	7	OL-2	9819	0022	0020				0710			0011
" "	5	OL-3	2748	0022	0020				0710			0011
" "	5	OL-4	9055	0022	0020				0710			0011
" "	5	OL-5	7215	0022	0020				0710			0011
" "	5	OL-8	4970	0022	0020				0710			0011

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.

2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company

3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.

4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850

Attachment 1-F

NPA 415, Page 3

Revised: 3-1-63 ←

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-F
 NPA 415, Page 4
 Revised: 7-1-62 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Attended Switchrm.
Oakland-Trinidad	5	LO-2	0189	0022	0020				0710	0011
" "	7	LO-8	5955	0022	0020				0710	0011
" "	5	LO-9	8742	0022	0020				0710	0011
" "	7	NE-2	5780	0022	0020				0710	0011
" "	7	NE-6	1296	0022	0020				0710	0011
" "	7	NE-8	7631	0022	0020				0710	0011
Oakley	4	625	2321	2321	3380				2321	HE 2-7391 ←
Orinda	6	CL-4	8299	0022	0020				0710	0011
Pacifica-Main	4	EL-5	3898	0022					0022	3401
" -Elmwood	4	EL-9	0035	0022		3444			0022	1697 ←
Palo Alto	6	DA-1	2589	0022	0020	0049	0048	0047	0710	0015
" "	4	DA-2	1308	0022	0020				0710	0015
" "	4	DA-3	6581	0022	0020				0710	0015
" "	4	DA-4	0565	0022	0020				0710	0015
" "	4	DA-5	3975	0022	0020	0049	0048	0047	0710	0015
" "	6	DA-6	2111	0022	0020	0049	0048	0047	0710	0015
" "	6	327	0999	0022	0020				0710	0015
Pinole	6	PL-8	9980	0022	0020	0049			0710	PL 8-0011
Pittsburg-Main	4	HE-2	6812	6812	6811				6812	7391
" "	4	HE-9	8111	8111					8111	HE 2-7391
" -Gladstone	4	GL-8	2625	0022	0020				2625	0011
Pleasanton	4	VI-6	5610	5890					5610	HI 7-0011
Point Reyes	4, 13	MO-3	1300	1078					1300	WA 4-0015

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-F
 NPA 415, Page 4
 Revised: 3-1-63 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Attended Switchrm.
Oakland-Trinidad	5	LO-2	0189	0022	0020				0710	0011
" "	7	LO-8	5955	0022	0020				0710	0011
" "	5	LO-9	8742	0022	0020				0710	0011
" "	7	NE-2	5780	0022	0020				0710	0011
" "	7	NE-6	1296	0022	0020				0710	0011
" "	7	NE-8	7631	0022	0020				0710	0011
Oakley	4	625	2321	2321	3380				2321	HE 2-7391
Orinda	6	254	8299	0022	0020	0049	0048	0047	0710	0011
Pacifica-Main	4	EL-5	3898	0022					0022	3401
" -Elmwood	4	EL-9	0035	0022		3444			0022	1697
Palo Alto	6	DA-1	2589	0022	0020	0049	0048	0047	0710	0015
" "	4	DA-2	1308	0022	0020				0710	0015
" "	4	DA-3	6581	0022	0020				0710	0015
" "	4	DA-4	0565	0022	0020				0710	0015
" "	4	DA-5	3975	0022	0020	0049	0048	0047	0710	0015
" "	6	DA-6	2111	0022	0020	0049	0048	0047	0710	0015
" "	6	327	0999	0022	0020				0710	0015
Pescadero	4	879	5791						5791	DI 2-0011 ←
Pinole	6	PL-8	9980	0022	0020	0049			0710	PL 8-0011
Pittsburg-Main	4	HE-2	6812	6812	6811				6812	7391
" "	4	HE-9	8111	8111					8111	HE 2-7391
" -Gladstone	4	GL-8	2625	0022	0020				2625	0011
Pleasanton	4	VI-6	5610	5890					5610	HI 7-0011
Point Reyes	4, 13	MO-3	1300	1078					1300	WA 4-0015

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Redwood City	4	EM-6	6789	0022	0020	0049	0048	0047	0710			0015
" "	4	EM-8	6542	0022	0020	0049	0048	0047	0710			0015
" "	4	EM-9	1000	0022	0020	0049	0048	0047	0710	0044	0045	0015 ←
Richmond-Main	5	BE-2	8800	0022	0020				0710			0011
" "	5	BE-3	0508	0022	0020				0710			0011
" "	5	BE-4	7878	0022	0020				0710			0011
" "	5	BE-5	1234	0022	0020				0710			0011
" -Capital	6	CA-3	4799	0022	0020				0710			0011
San Carlos-Belmont	4	LY-1	0100	0100	0020				0710			0015
" " "	4	LY-3	0003	0003	0020				0003			0015
San Francisco-Time		RO-7	8900	8900								GA 1-0015
" " -Evergreen	7	BA-1	7846	0022	0020				0710			0015
" " "	7	EV-6	8271	0022	0020				0710			0011
" " "	7	SK-1	0392	0022	0020				0710			0015
" " -	5	SK-2	0420	0022	0020				0710			0015
" " -Graystone	7	GR-4	9681	0022	0020				0710			0015
" " "	7	OR-3	8777	0022	0020				0710			0015
" " "	5	PR-1	0397	0022	0020				0710			0015
" " "	7	PR-5	9997	0022	0020				0710			0015
" " "	5	PR-6	2299	0022	0020				0710			0015
" " "	7	TU-5	9586	0022	0020				0710			0015
" " -Juniper	5	DE-3	4113	0022	0020				0710			0011
" " "	5	DE-4	1099	0022	0020				0710			0011
" " "	5	JU-4	4444	0022	0020				0710			0011
" " "	5	JU-5	5555	0022	0020				0710			0011
" " "	5	JU-6	1610	0022	0020				0710			0011
" " "	5	JU-7	2222	0022	0020				0710			0011

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

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SECTION A199.850

Attachment 1-F

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Revised: 10-15-61 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Redwood City	4	EM-6	6789	0022	0020	0049	0048	0047	0710			0015
" "	4	EM-8	6542	0022	0020	0049	0048	0047	0710			0015
" "	4	EM-9	1000	0022	0020	0049	0048	0047	0710	0044	0045	0015
Richmond-Main	5	232	8800	0022	0020	0049	0048	0047	0710			0011←
" "	5	233	0508	0022	0020	0049	0048	0047	0710			0011←
" "	5	234	7878	0022	0020	0049	0048	0047	0710			0011←
" "	5	235	1234	0022	0020	0049	0048	0047	0710			0011←
" -Capital	6	223	4799	0022	0020	0049	0048	0047	0710			0011←
San Carlos-Belmont	4	LY-1	0100	0100	0020				0710			0015
" " "	4	LY-3	0003	0003	0020				0003			0015
San Francisco-Time		RO-7	8900	8900								GA 1-0015
" " -Evergreen	7	BA-1	7846	0022	0020	0049	0048	0047	0710			0015←
" " "	7	EV-6	8271	0022	0020	0049	0048	0047	0710			0011←
" " "	7	SK-1	0392	0022	0020	0049	0048	0047	0710			0015←
" " -	5	SK-2	0420	0022	0020	0049	0048	0047	0710			0015←
" " -Graystone	7	GR-4	9681	0022	0020	0049	0048	0047	0710			0015←
" " "	7	OR-3	8777	0022	0020	0049	0048	0047	0710			0015←
" " "	5	PR-1	0397	0022	0020	0049	0048	0047	0710			0015←
" " "	7	PR-5	9997	0022	0020	0049	0048	0047	0710			0015←
" " "	5	PR-6	2299	0022	0020	0049	0048	0047	0710			0015←
" " "	7	TU-5	9586	0022	0020	0049	0048	0047	0710			0015←
" " -Juniper	5	DE-3	4113	0022	0020	0049	0048	0047	0710	0044	0045	0011←
" " "	5	DE-4	1099	0022	0020	0049	0048	0047	0710	0044	0045	0011←
" " "	5	JU-4	4444	0022	0020	0049	0048	0047	0710	0044	0045	0011←
" " "	5	JU-5	5555	0022	0020	0049	0048	0047	0710	0044	0045	0011←
" " "	5	JU-6	1610	0022	0020	0049	0048	0047	0710	0044	0045	0011←
" " "	5	JU-7	2222	0022	0020	0049	0048	0047	0710	0044	0045	0011←

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-F
 NPA 415, Page 6
 Revised: 7-1-62 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
San Francisco-Main	7	DO-2	9296	0022	0020				0710			0011
" "	7	EX-2	9069	0022	0020				0710			0011
" "	5	EX-7	1599	0022	0020				0710			0011
" "	12	EX-9	4233	4010	4550							4415
" "	7	GA-1	7596	0022	0020				0710			0011
" "	7	SU-1	9097	0022	0020				0710			0011
" "	6	YU-1	1699	0022	0020				0710			0011
" "	5	YU-2	5859	0022	0020				0710			0011
" "	12	YU-5	2096	2022	4020							YU 2-9998
" "	7	YU-6	0330	0022	0020				0710			0011
" "	-Market	HE-1	9540	0022	0020				0710			0011
" "	"	KL-2	3175	0022	0020				0710			0011
" "	"	553	1622	1122	1120							YU 2-9998 ←
" "	"	MA-1	0282	0022	0020				0710			0011
" "	"	MA-2	4622	4022	4020							YU 2-9998
" "	"	MA-6	0198	0022	0020				0710			0011
" "	"	UN-1	1182	0022	0020				0710			0011
" "	"	UN-3	2399	0022	0020				0710			0011
" "	-Mission	AT-2	8888	0022	0020	0049	0048	0047	0710	0044	0045	0011 ←
" "	"	AT-5	0299	0022	0020	0049	0048	0047	0710	0044	0045	0011 ←
" "	"	AT-8	0555	0022	0020	0049	0048	0047	0710	0044	0045	0011 ←
" "	"	MI-7	0999	0022	0020	0049	0048	0047	0710	0044	0045	0011 ←
" "	"	MI-8	0295	0022	0020	0049	0048	0047	0710	0044	0045	0011 ←
" "	"	VA-4	0994	0022	0020	0049	0048	0047	0710	0044	0045	0011 ←
" "	"	VA-6	3999	0022	0020	0049	0048	0047	0710	0044	0045	0011 ←

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-F
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 Revised: 3-1-63 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.	
San Francisco-Main	7	DO-2	9296	0022	0020	0049	0048	0047	0710	0044	0045	0011 ←	
" "	" 7	EX-2	9069	0022	0020	0049	0048	0047	0710	0044	0045	0011 ←	
" "	" 5	EX-7	1599	0022	0020	0049	0048	0047	0710	0044	0045	0011 ←	
" "	" 12	EX-9	4233	4010	4550					4550	3430	4415 ←	
" "	" 7	GA-1	7596	0022	0020	0049	0048	0047	0710	0044	0045	0011 ←	
" "	" 7	SU-1	9097	0022	0020	0049	0048	0047	0710	0044	0045	0011 ←	
" "	" 6	YU-1	1699	0022	0020	0049	0048	0047	0710			0011 ←	
" "	" 5	YU-2	5859	0022	0020	0049	0048	0047	0710	0044	0045	0011 ←	
" "	" 12	YU-5	2096	2022	4020							YU 2-9998	
" "	" 7	YU-6	0330	0022	0020	0049	0048	0047	0710	0044	0045	0011 ←	
" "	" 6	361	1006	For WADS subscriber lines only									←
" "	" 6	360	1001	For WADS subscriber lines only									←
" "	-Market 7	HE-1	9540	0022	0020				0710			0011	
" "	" 7	KL-2	3175	0022	0020				0710			0011	
" "	" 12	553	1622	1122	1120							YU 2-9998	
" "	" 7	MA-1	0282	0022	0020				0710			0011	
" "	" 12	MA-2	4622	4022	4020							YU 2-9998	
" "	" 5	MA-6	0198	0022	0020				0710			0011	
" "	" 7	UN-1	1182	0022	0020				0710			0011	
" "	" 5	UN-3	2399	0022	0020				0710			0011	
" "	-Mission 5	AT-2	8888	0022	0020	0049	0048	0047	0710	0044	0045	0011	
" "	" 5	AT-5	0299	0022	0020	0049	0048	0047	0710	0044	0045	0011	
" "	" 5	AT-8	0555	0022	0020	0049	0048	0047	0710	0044	0045	0011	
" "	" 5	MI-7	0999	0022	0020	0049	0048	0047	0710	0044	0045	0011	
" "	" 5	MI-8	0295	0022	0020	0049	0048	0047	0710	0044	0045	0011	
" "	" 5	VA-4	0994	0022	0020	0049	0048	0047	0710	0044	0045	0011	

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Analysis Bureau	Attended Switchrm.
S.F. -Montrose	5	LO-4	5599	0022	0020					0710				0011
" "	5	LO-6	7777	0022	0020					0710				0011
" "	5	MO-1	0199	0022	0020					0710				0011
" "	5	MO-4	1553	0022	0020					0710				0011
" "	5	OV-1	2274	0022	0020					0710				0011
" "	5	SE-1	4657	0022	0020					0710				0011
S.F. -Plaza	5	PL-5	1785	0022	0020	0049				0710				0011
" "	5	PL-6	0666	0022	0020	0049				0710				0011
" "	5	WY-2	1112	0022	0020	0049				0710				0011
" "	5	PO-1	1112	0022	0020					0710				0011
S.F. -West	7	FI-6	6942	0022	0020					0710				0015
" "	12	JO-1	2561	4010	4020									YU 2-9998
" "	5	JO-7	1399	0022	0020					0710				0015
" "	7	WA-1	1712	0022	0020					0710				0015
" "	5	WA-2	1299	0022	0020					0710				0015
" "	7	WE-1	7459	0022	0020					0710				0015
S.F. Weather		WE-6	1212	1212										0015
San Leandro-E.B.	6	EL-1	0285	0022	0020					0710				0011
" " "	6	352	1997	0022	0020					0710				0011 ←
" " "	6	EL-7	0367	0022	0020					0710				0011
San Mateo-Main	4	DI-2	0280	0280	0020	0039	0021	0038	0037	0710	0034	0035	0000	0011 ←
" " "	4	DI-3	1990	1990	0020	0039	0021	0038	0037	1990	0034	0035	0000	0011 ←
" " "	4	DI-4	0116	0116	0020	0039	0021	0038	0037	0116	0034	0035	0000	0011 ←
" " -Fireside	4	FI-1	0090	0090	0020					0090				0011
" " "	4	FI-5	0021	0021	9900					0021				0015

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellogg Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

TCF Library - <http://www.telephonedcollectors.info/>

SECTION A199.850

Attachment 1-F

NPA 415, Page 7

Revised: 7-1-62 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Analysis Bureau	Attended Switchrm.
S.F. -Montrose	5	LO-4	5599	0022	0020	0049		0048	0047	0710				0011 ←
" "	5	LO-6	7777	0022	0020	0049		0048	0047	0710				0011 ←
" "	5	MO-1	0199	0022	0020	0049		0048	0047	0710				0011 ←
" "	5	MO-4	1553	0022	0020	0049		0048	0047	0710				0011 ←
" "	5	OV-1	2274	0022	0020	0049		0048	0047	0710				0011 ←
" "	5	SE-1	4657	0022	0020	0049		0048	0047	0710				0011 ←
S.F. -Plaza	5	755	1785	0022	0020	0049		0048	0047	0710	0044	0045		0011 ←
" "	5	756	0666	0022	0020	0049		0048	0047	0710	0044	0045		0011 ←
" "	5	992	1112	0022	0020	0049		0048	0047	0710	0044	0045		0011 ←
S.F. -West	7	FI-6	6942	0022	0020					0710				0015
" "	12	JO-1	2561	4010	4020									YU 2-9998
" "	5	JO-7	1399	0022	0020					0710				0015
" "	7	WA-1	1712	0022	0020					0710				0015
" "	5	WA-2	1299	0022	0020					0710				0015
" "	7	WE-1	7459	0022	0020					0710				0015
S.F. Weather		WE-6	1212	1212										0015
San Leandro-E.B.	6	EL-1	0285	0022	0020					0710				0011
" " "	6	352	1997	0022	0020					0710				0011
" " "	6	EL-7	0367	0022	0020					0710				0011
San Mateo-Main	4	DI-2	0280	0280	0020	0039	0021	0038	0037	0710	0034	0035	0000	0011
" " "	4	DI-3	1990	1990	0020	0039	0021	0038	0037	1990	0034	0035	0000	0011
" " "	4	DI-4	0116	0116	0020	0039	0021	0038	0037	0116	0034	0035	0000	0011
" " -Fireside	4	341	0090	0090	0020	0049		0048	0047	0090	0026	0027		0011 ←
" " "	4	345	0021	0021	9900					0021				0015 ←

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-F
 NPA 415, Page 8
 Revised: 7-1-62 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Attended Switchrm.
San Rafael-Main	3,6	GL-3	0709	0022	0020				0710	0015
" " "	3,6	GL-4	0801	0022	0020				0710	0015
" " "	3,6	GL-6	1235	0022	0020				0710	0015
" " -South	6	HO-1	5200	5702						WA 4-0015
Sausalito	6	ED-2	0599	0022	0020				0710	0015
South San Francisco	5	JU-3	0773	0022	0020				0710	0015
" " "	5	JU-8	4381	0022	0020				0710	0015
" " "	5	JU-9	1589	0022	0020				0710	0015
Sunol	4	VO-2	2190	2190					2190	HI 7-0011
Walnut Creek	6	932	1989	0022	0020	0049	0048	0047	0710	934-0011←
" "	6	933	9189							
" "	6	934	6498	0022	0020	0049	0048	0047	0710	0011←
" "	6	935	5998	0022	0020	0049	0048	0047	0710	0011←
Woodside	4	UL-1	1510	0022					0710	0015

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-F
 NPA 415, Page 8
 Revised: 3-1-63 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Attended Switchrm.
San Rafael-Main	3, 6	453	0709	0022	0020	0049	0048	0047	0710	0015 ←
" " "	3, 6	454	0801	0022	0020	0049	0048	0047	0710	0015 ←
" " "	3, 6	456	1235	0022	0020	0049	0048	0047	0710	0015 ←
" " -South	6	HO-1	5200	5702						WA 4-0015
" " -Greenfield	4	479	1479	0022	0020	0049	0048	0047	0710	0015 ←
Sausalito	6	332	0599	0022	0020	0049	0048	0047	0710	0015 ←
South San Francisco	5	JU-3	0773	0022	0020	0049	0048	0047	0710	0015 ←
" " "	5	JU-8	4381	0022	0020	0049	0048	0047	0710	0015 ←
" " "	5	JU-9	1589	0022	0020	0049	0048	0047	0710	0015 ←
" " "	5	PO-1	1112	0022	0020	0049	0048	0047	0710	0015 ←
Sunol	4	VO-2	2190	2190					2190	HI 7-0011
Walnut Creek	6	932	1989	0022	0020	0049	0048	0047	0710	934-0011
" " "	6	933	9189							
" " "	6	934	6498	0022	0020	0049	0048	0047	0710	0011
" " "	6	935	5998	0022	0020	0049	0048	0047	0710	0011
Woodside	4	UL-1	1510	0022					0710	0015

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	60 IPM Busy	Loop Around No. 1	Loop Around No. 2	Test Center	Attended Switchrm.
Adel	14	WH-8											Lakeview	
Albany (Adair)		WA-4	5100		5000	5660	5291	5290	5080					5050 ←
"		WA-6	2926		5000	5260	5262	5261	1080					1500 ←
"		WA-8	9000		7900	3012	3014	3013	3280					WA 6-1500
Alsea	14	HU-7											Corvallis	
Amity	14	835											McMinnville	←
Arlington		454	2754		2700	2860	2862	2861	2880		2701	2702		2675 ←
Ashland		482	2482		1000	2860	2862	2861	1080		1000	1001		1121 ←
"		MU-5	6141			0060	0091	0080	6080					MU 2-0111
"		MU-9	3101						1090					MU 2-0111
"		HU-2												
Astoria		FA-5	2325		2000	5260	0862	5261	2080	9999				5021 ←
Athena-Weston		LO-6	3566		2000	3860	3891	3890	2080					3500
Aumsville (Turner)	14	743	2743										Salem	
Aurora	1, 14	OR-8	5505											
Azelea	14	TE-4											Roseburg	
Baker	15	JA-3	2523		2100	2860	2862	2879	2180					3607 ←
Bandon	14	FI-7											Coos Bay	
Banks (Forrest Grove)	14	EA-4												EL 7-2121
Bates	14	HI-8											John Day	
Bay City		DR-7	2377			2260	2591	2550	2508					2386 ←
Beaver	14	398											Tillamook	←
Beaver Creek	1, 14	FE-4	2955											

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15. Suffix Intercepted
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-G
NPA 503, Page 1
Revised: 2-1-62 ←

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15. Suffix Intercepted
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-G
 NPA 503, Page 2
 Revised: 2-1-62 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	60 IPM Busy	Loop Around No. 1	Loop Around No. 2	Test Center	Attended Switchrm.
Beaverton	1, 14	MI-4	2111		1000				1080					←
"	1, 14	MI-6			1000				1080					←
Bell Fountain	1, 14	GA-4	3211											
Bend		EV-2	2382		1000	6192	6194	6193	1080					5021 ←
Blodgett	14	GL-3											Corvallis	
Blue River		VA-2	2822		3300	3960			3380	3300	3301			3311 ←
Bly		EL-3	2353		2300	2360			2280	2301	2302			2231
Boardman	14	HU-1											Pendleton	
Bonanza	2, 14	MA-9												
Bonneville	2	FR-3	480						577					
Bridal Veil Falls	14, 15	988	5159											←
Brookings	2, 14	469											Crescent City	←
Brownsville	14	466											Albany	←
Burlington		MA-1	3568		3400	3160	3169	3168	3280					3420
Burns	2, 14	497											Bend	←
Butte Falls	14	865											White City	←
Camas Valley	2	495											Roseburg	
Camp Sherman	14	595												
Canby	14	266	2288											LI 8-2114 ←
Cannon Beach		HE-6	2436		2600	2260	2262	2261	2469				Portland	←
														2232 ←
Canyonville	14	JE-2	4500											
Carlton		UL-2	7250						7108					UN 3-3141
Cascade Locks	2, 15	EM-6	8690						8586				McMinnville	7121

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	60 IPM Busy	Loop Around No. 1	Loop Around No. 2	Test Center	Attended Switchrm.
Central Point		NO-4	2639		1000	1860	3091	3090	1080					1111
Chemult	14	365							2299				Klamath Falls	
Chiloquin	14	783							2299				Klamath Falls	
Chitwood	14	TR-5											Newport	
Clatskanie	14	728												
Cloverdale	14	392											Tillamook	←
Colton	1, 14	VA-4	2231											
Condon	14	DU-4											Pendleton	←
Coos Bay	1, 14	267	3171											←
" -North Bend	1, 14	756	1361											←
" " -Empire	14	888												←
Coos Bay	14	269												←
Coquille	14	457	Manual										Coos Bay	
Corbett	1, 14	FR-5	2210											
Corvallis	15	PL-2	2752		1000	2860			1080					PL 3-7622 ←
"	15	PL-3	4811						5080					7622
Cottage Grove		WH-2	2942		5000	8560	8562	8561	5080					2421 ←
Crater Lake	2, 14	LY-4											White City	
Creswell	1, 14	TW-5	2116											
Culp Creek		WH-6	1689						1580					1411
Culver	14	LI-6	2700											LI 8-2114

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15. Suffix Intercepted
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-G
NPA 503, Page 3
Revised: 2-1-62 ←

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15. Suffix Intercepted
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-G
 NPA 503, Page 4
 Revised: 2-1-62 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	60 IPM Busy	Loop Around No. 1	Loop Around No. 2	Test Center	Attended Switchrm.
Dallas		MA-3	4409						2298					2308
Days Creek	14	VA-5											Myrtle Creek	←
Dayton	14		Manual											
Dayville	14	YU-7											John Day	
Deadwood	14	WO-4											Eugene	
Dee	14	FR-9											Hood River	
Delake	14	994											Newport	←
Depoe Bay	14	YU-3											Newport	
Dillard	15	OS-9	5498						8488					8495
Drain	15	TE-6	9898		9100	9960	9962	9961	9480					9111 ←
Dufur	2, 14	HO-7											The Dalles	
Durkee	2	UP-7											Baker	
Eagle Point	14	HI-6											White City	
Echo	15	FR-1	8221						8380					8111
Elgin	14	HE-7											La Grande	
Elkton	1, 14	JU-4	3700											
Empire	14	TU-8												CO 7-7023
Enterprise	14	426	Manual											
Estacada	1, 14	CR-9	4161											
Eugene		DI-2	1289		1200				1280					DI 3-8421
"		DI-3	1740		1000				1080					8421
"		DI-4	0405		1000				1080					DI 3-8421
"		DI-5	1085		1000	8800	9900	9800	1080					DI 3-8421
"		PA-6	4922		1000	7960	7962	7961	1080					DI 3-8553

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	60 IPM Busy	Loop Around No. 1	Loop Around No. 2	Test Center	Attended Switchrm.
Falls City		SU-7	3890						3580					3506
" " -Valsetz		SH-4	2100			2260			2180					2206
Florence		997	2997		3000	2860	2862	2861	2980		3001	3002		3405 ←
Forrest Grove	1, 14	EL-7	2111											
" " -Banks	14	EA-4												EL 7-2121
" " -Gaston	14	YU-5												EL 7-2121
Fort Klamath	14	381							2299				Klamath Falls	
Fossil	14	PO-3											Pendleton	←
Garibaldi		DA-2	3414			3360	3291	3570	3485					3386 ←
Gaston	14	YU-5												EL 7-2121
Gervais	2, 14	792											Salem	
Gilchrist	15	HE-3	2433						2380					2240
Glendale	14	VE-2											Roseburg	
Glide		GY-6	2496		3100	3160	3162	3161	3287		3101	3102		3295 ←
Gold Beach	14	CH-7											Coos Bay	
Gold Hill		UL-5	1486		1900	1960	1962	1961	1080					1111 ←
Government Camp		CR-2	3220		3250	3260			3280		3224	3225		3226
Grande Ronde	14	UP-9											McMinnville	
Grants Pass		GR-6	3063		4300				3280					2456 ←
" "		GR-9	2479		2100	2000			3280					GR 6-2456 ←
Grass Valley		ED-3	2581		2510				2580		2511	2512		2575 ←
Gresham	1, 14	MO-5	2111		2000				2001					←

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15. Suffix Intercepted
4. SXS Equip. 8. XY Equip. 12. PBX 16.

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
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City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	60 IPM Busy	Loop Around No. 1	Loop Around No. 2	Test Center	Attended Switchrm.
Haines	14	856	Manual										Baker	
Halfway-Homestead	14	RI-2											Baker	
"	14	SH-1											Baker	
Halsey	2, 14	789											Albany	
Harlan	14	HE-8											Corvallis	
Harrisburg		WY-5	6301		2100	8161	8163	8162	6080					998-2111 ←
Helix	14	457											Pendleton	←
Heppner	2	676	9194		5500				5580		5501	5502		←
Hermiston		JO-7	6601		6000	8660	8662	8661	5880		5002	5003		5536 ←
Hillsboro	1, 14	MI-8	2111											
Homestead-Halfway	14	RI-2											Baker	
Hoodland		275											Portland	←
Hood River	14	EV-6											The Dalles	←
" "	14	EV-7											The Dalles	←
Horton	14	WA-5											Eugene	
Hubbard-Woodburn		YU-1				1390	1290	1090	1080					8381
" "		YU-2	2982		0000									YU 1-8381
Huntington	2	TR-2												
Independence		757	Manual											
Ione	2	422	7257						7480					←
Jacksonville		TW-9	1391		1000	1050			1080					1111 ←
Jefferson		FA-7	2789		2600	2860	2862	2861	2280					2210
Jewell		SK-5	2390						2294					2355

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	60 IPM Busy	Loop Around No. 1	Loop Around No. 2	Test Center	Attended Switchrm.
John Day		754	Manual											
Jordan Valley		586											Boise	←
Joseph	14	GE-2											Enterprise	
Junction City		WY-8	6301		2100	8161	8163	8162	6080					2111
Kings Valley	14	HO-3											Corvallis	
Kinzua	14	RO-8											Pendleton	←
Klammath Falls		TU-2	2882		1001	2860	4002	4001	3406					3405
" "		TU-4	7196						9080					TU 2-3405
Knappa	14	458											Astoria	←
Lafayette	14	UN-4											McMinnville	
La Grande	14	WO-3											La Grande	
Lake Oswego		NE-6	2636		1000	2860	2862	2878	1080	2859				1121 ←
Lakeside	2, 14	749											Coos Bay	←
Lakeview	14	WH-7											Lakeview	←
Langlois	2, 14	348											Coos Bay	←
Lapine		536	2536		2100	2260	2262	2261	2280		2101	2102		2185 ←
Leaburg		TW-6	3469		3400	3160	3162	3161	3480		3401	3402		3411
Lebanon	1, 14	258	2145											←
Lexington	2, 15	989	8414						8114					←
Lobster Valley	14	HU-6											Corvallis	
Long Creek	14	GA-1											John Day	
Lorella	2, 14	PO-2												
Lowell		WE-7	2937		2400	2460	2462	2461	2180		2400	2401		2111 ←
Lyons	14	859											Salem	←

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City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	60 IPM Busy	Loop Around No. 1	Loop Around No. 2	Test Center	Attended Switchrm.
Madras		475	3333		3300	2860			3120		3344	3345		2272 ←
Malin	14	723												
Mapleton		268	4468		4500	4760	4762	4761	4750		4637	4638		4411 ←
Marcola	15	WE-3	2579		2400	2460	2462	2461	2480		2421	2422		2311 ←
Marquam	14	645	Manual											
McMinnville	14	472	Manual											
Medford		772	2295		2008				2008					773-1111 ←
"		773	1583		1080	1392	1394	1393	1008					1111 ←
Medical Springs	2, 14	853											Baker	←
Merrill	14	798											Klamath Falls	
Mill City	14	897	2897										Salem	
Milton-Freewater		938	3938		3000	3860	3862	3861	3080		3001	3002		3305 ←
Mitchell	14	HO-2											Bend	
Molalla	2, 14	829											Portland	←
Monmouth		SK-7	1222		2900	2860	2862	2861	1298					1506 ←
Monroe	14	TH-7											Eugene	
Monument	14	WE-4											John Day	
Moro		JO-5	3581		3600				3680		3288	3688		3575
Mosier	14	GR-8											Hood River	
Mt. Angel	14	845	2845										Salem	
Mt. Vernon	14	WE-2											John Day	
Myrtle Creek	1, 14	UN-3	3141											
Myrtle Point	14	435	Manual										Coos Bay	

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	60 IPM Busy	Loop Around No. 1	Loop Around No. 2	Test Center	Attended Switchrm.
Needy	14	651												←
Nehalem	1, 14	EM-8	3456											
Newberg	1, 14	JE-8	2121											
Newell, Calif.		664												
Newport		AM-5	2265		5000	2860	2862	2861	7080					2201 ←
No.-Bend (Coos Bay)	1, 14	756	1361											←
North Plains		FE-1	2331		2900	2960	2962	2961	2180		2901	2902		2121 ←
North Powder	2	UN-8											Baker	
Nyssa	14	FR-2											Payette	
Oak Grove-Milwaukie		OL-4	2654		1000	2860	9996	9995	1080	2859				1121
" " "		OL-9	1659		1000				1080					OL 4-1121
Oakland-Sutherlin	2, 15	GL-9	3990		3000				3080		3102	3103		
Oak Ridge	2, 14	SU-2												
O'Dell	14	EL-4											Hood River	
Ontario	14	TU-9											Payette	
Oregon City		OL-6	4137		1000	2860	9762	9761	1080	2859				1121
Paisley	14	WH-4											Lakeview	
Parmdale	14	FL-2											Hood River	
Paulina	14	477											Bend	
Pendleton		CR-6	5097		1000	2860	2863	2861	1080	9999				5021 ←
Philomath	14	WA-9											Corvallis	

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15. Suffix Intercepted
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-G
NPA 503, Page 9
Revised: 2-1-62 ←

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15. Suffix Intercepted
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SECTION A199.850
 Attachment 1-G
 NPA 503, Page 10
 Revised: 2-1-62 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	60 IPM Busy	Loop Around No. 1	Loop Around No. 2	Test Center	Attended Switchrm.
Phoenix-Talent		KE-5	1298		1000	2860	1891	1890	1080					1111
Pilot Rock	14	HI-3											Pendleton	
Pine Grove	2,14	387											Hood River	←
Plush	14	WH-5											Lakeview	
Portland	4	AL-2	2252		1000	2860	2012	2011	1080	2859				AL 3-1121
"	4	AL-3	2253		1000	2860			1080	2859				1121
"	4	AL-4	2254		1000	2860			1080	2859				AL 3-1121 ←
"	4	AL-5	2255		1000	2860	2862	2861	1080	2859	1000	1001		1121 ←
Portland	4	AT-1	2281		1000	2860	2862	2865	1080	2859				1121
"	4	AT-2	0250		1000	2860	0765	0764	1080	2859				AT 1-1121
"	4	AT-4	2284		1000	2860	2819	2861	1080	2859				AT 1-1121
"	4	AT-7	2287		1000	2860	2898	2861	1080	2859				AT 1-1121
"	4	AT-8	2288		1000	2860	2705	2704	1080	2859				AT 1-1121
Portland	4	AV-6	2286		1000	2860			1080	2859				1121
Portland	4	BE-2	2232		1000	2860			1080	2859				1121
"	4	BE-3	4009		1000	2860	4218	4217	1080	2859				BE 2-1121
"	4	BE-4	2234		1000	2860		2861	1080	2859				BE 2-1121 ←
"	4	BE-5	2235		1000	2860			1080	2859				BE 2-1121
"	4	BE-6	2236		1000	2860			1080	2859				BE 2-1121
Portland	4	BU-5	2285		1000	2860			1080	2859				1121 ←
"	4	BU-9	1026		1000	2860			1080	2859				1121

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	60 IPM Busy	Loop Around No. 1	Loop Around No. 2	Test Center	Attended Switchrm.
Portland	4	CA-2	2222		1000	2860			1080	2859				CA 7-1121 ←
"	4	CA-3	2223		1000	2860			1080	2859				1121 ←
"	4	CA-4												
"	4	CA-6	2226		1000	2860			1080	2859				CA 7-1121
"	4	CA-7	2227		1000	2860			1080	2859				1121
"	4	CA-8	2228		1000	2860			1080	2859				1121
Portland	4	CH-4	2244		1000	2860			1080	2859				1121
"	4	CH-6	2246		1000	2860	2862	2861	1080	2859				CH 4-1121 ←
"	4	CY-2	2292		1000	2860	3363	3362	1080	2859				1121
Portland	4	PR-1	2771		1000	2860			1080	2859				1121 ←
"	4	PR-4	2774		1000	2860			1080	2859				PR 1-1121 ←
"	4	PR-5	2775		1000	2860	2862	2861	1080	2859				PR 1-1121 ←
"	4	PR-7	1577		1000	1260	1262	1261	1080	1259				PR 1-1121 ←
Port Orford	14	ED-2											Coos Bay	
Powers	14	439											Coos Bay	
Prairie City	14	WA-3											John Day	
Prineville		HI-7	5236		5400	5660			5080		5082	5083		4108
Prospect	14	UN-9											White City	
Rainier	2, 15	SU-6	1511		1000				1401					
Redland	14	TE-1												
Redmond	14	LI-8	2700											LI 8-2114
Reedsport	14	CR-1											Coos Bay	
Richland	14	TW-2											Baker	
Riddle	14	TR-4											Myrtle Ck	

Notes: 1. Verbal Answer 5. DXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15. Suffix Intercepted
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-G
NPA 503, Page 11

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15. Suffix Intercepted
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-G
 NPA 503, Page 12
 Revised: 2-1-62 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	60 IPM Busy	Loop Around No. 1	Loop Around No. 2	Test Center	Attended Switchrm.
Rockaway		EL-5	2355			2460	2281	2390	2485					2386
Rocky Point	14	EL-6							2299				Klamath Falls	
Rogue River		JU-2	3891		1200	1260	1262	1261	3380					1111 ←
Roseburg		OR-2	1180		2000	1060	1062	1069	1080					OR 3-6608 ←
"		OR-3	8518		6000	3865	3862	3861	3180					6608 ←
Rufus		739	2739		2000	2260			2280		2200	2201		←
Salem	4	EM-2	2362		8000				8098					2321 ←
"	4	EM-3	2363		8000	2860	2857	2856	8098	2859				2321
"	4	EM-4	2364		8000				8098					EM 2-2321 ←
"	4	JU-1	2581		2500	2860	2862	2861	2580	2859				EM 2-2321 ←
Sandy	14	MU-7											Portland	
Scappoose	14	LI-3	2100											
Scholls	14	KE-9												MI 4-2121
Scio	14	394	Manual											
Scottsburg	1, 14	JU-7	3371											
Seaside		RE-8	5397		5396	7160			5398					6307 ←
Seneca	2, 14	968											Bend	
Shady Cove	14	TR-8											White City	
Shedd		HY-1	3660		3600	3860	3791	3790	3880					9693 ←
Sheridan	14	TH-3											McMinnville	
Sherwood	14	JA-7												MI 4-2121
Siletz		444	2444						2586					9580 ←
Silver Lake		576	2576		2100	2260	2262	2261	2280		2101	2102		2185 ←
Silverton	14	TR-3	2873										Salem	
Sisters	14	549	2900											LI 8-2114 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	60 IPM Busy	Loop Around No. 1	Loop Around No. 2	Test Center	Attended Switchrm.
South Beach	14	UN-7											Newport	
Spray	14	NE-7											Bend	
Springfield		RI-6	4922		1000	7960	7962	7961	1080					DI 3-8553
"		RI-7	3591		3300				9190					DI 3-8553
Stafford	14	NE-8												MI 4-2121
Stanfield		GI-9	3501						3222					3211
Stateline		MA-6	3890						3890				Walla Walla	←
Stayton	14	769	2121											←
St. Helens		397	Manual											
Summer Lake	14	WH-3											Lakeview	
Summit	14	GL-6											Corvallis	
Sumpter	2	TW-4											Baker	
Sunnyside	14	OL-8											Portland	
Sweethome	1, 14	367	2175											←
Taft	14	996											Newport	←
The Dalles		CY-6	9981						9780					5403
" "		CY-8	1681		1000	1111	1113	1112	1080					CY 6-5403
Tidewater	14	JA-8											Newport	
Tigard	1, 14	ME-9	2121						1080					
" -Stafford	14	NE-8												MI 4-2121
Tillamook		VI-2	2842		2000	2960	6791	6890	2080					2504 ←
Toledo		336	2336		3300	3460	3462	3461	3360					9980 ←
Triangle Lake	14	WA-7											Eugene	
Tule Lake, Calif.	14	667												

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15. Suffix Intercepted
4. SXS Equip. 8. XY Equip. 12. PBX 16.

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Attachment 1-G
NPA 503, Page 13
Revised: 2-1-62 ←

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15. Suffix Intercepted
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-G
 NPA 503, Page 14
 Revised: 2-1-62 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	60 IPM Busy	Loop Around No. 1	Loop Around No. 2	Test Center	Attended Switchrm.
Ukiah	14	427											Pendleton	
Umatilla	2, 15	922	701		500	560	569	568	410		301	302		←
Union	2, 14	562												
Vale	14	GR-3											Payette	
Valsetz		SH-4	2100			2260			2180					2206
Veneta		WE-5	2277		2200	2201	2203	2202	1080					2233
Vernonia	14	HA-9												MI 4-2121
Waldport	14	JO-3											Newport	
Wallowa	14	TU-6											Enterprise	
Walton-Veneta			599 4498		4400	4460	4462	4461	4480					WE 5-2233
Warrenton		WA-1	2921						4382					2071 ←
Wasco		GI-2	5481		5200				5280		5275	5475		5575 ←
Weston (Athena)		LO-6	3566		2000	3860	3891	3890	2080					3500 ←
Westport		GL-5	2455						2398					2355 ←
White City	14	TA-6	9981		9000	9971			9961					2211 ←
Willamina	14	TR-6											McMinnville	
Woodburn (Hubbard)		YU-1				1390	1290	1090	1080					8381
" "		YU-2	2982		0000									YU 1-8381
Yachats	14	LI-7											Newport	
Yamhill	14	NO-2											McMinnville	
Yoncalla	1, 14	VI-9	2193											

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Attended Switchrm.
Almira		ME-9									2951
Amber	14	BE-7									4331
Anatone	14	CR-2									
Asotin	14	CH-3									
Benge		YU-6									
Benton City	14	LU-3									
Beverly	14	WE-4									
Bickleton	14	TW-6									5391
Boyds	14	739									
Brewster	14	MU-5									
Bridgeport	14	MU-6									
Burke	14	SU-1									
Cashmere	14	ST-2									
Chelan	14	MU-2									
Cheney	14	BE-5									
Chewelah	14	WE-5									
Clarkston		PL-8								2588	
Cle Elum		OR-4									
Cliffdell	14	OL-4									
Colfax		EX-7			2813					2903	3487
Colville		MU-4			6132					4540	2151
Connell	14	BE-4									2391
Coulee City		ME-2									4951

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-H
NPA 509, Page 1
Date: 1-15-61

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-H
 NPA 509, Page 2
 Date: 1-15-61

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No.1	900 Ohm Bal. No.2	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Attended Switchrm.
Coulee Dam		ME-3									388
Cowiche	14	OR-8				2171				4791	2191
Creston	14	NE-6									2551
Curlew	14	PR-9									
Cusick	14	HI-5									
Dallesport		PO-7									
Danville	14		Combined with Curlew								
Davenport	14	RA-5									
Dayton		EV-2									581
Deer Park		BR-6								2994	2995
Easton		ME-7									
Edwall		CE-6									491
Elk		CL-4								2007	2951
Ellensburg	14	WA-5								3007	
"	14	WO-2									3111
Eltopia	14	AX-7									
Endicott	14										
Entiat	14	ST-4									
Ephrata		SK-4			3265					2614	9454
Eureka		SH-9				2341					
Fairfield	14	AT-3									
Farmington	14	AV-7									

City-Exchange	Note	Prof. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Attended Switchrm.
Garfield	14	ME-5									
Garrison			Combined with Moscow, Idaho (208 NPA)								
Glenwood	14	EM-4									
Goldendale	14	PR-3									
Grandview	14	TU-2									2401
Granger	14	UL-4									2501
Green Bluff		CE-8								6294	6295
Harrah	14	TH-8									2112
Harrington		CL-3								4537	4495
Hartline		ME-8									3491
Hatton		AX-3									
Hay	14	OL-2									
Hunters	14	PA-2									
Indian Prairie			Combined with Spokane								
Ione	14	HI-2									
Kahlotus	14	AT-2									591
Kennewick	14	JU-2									8513
"	14	JU-6									
Kettle Falls	14	PE-8									2111
Kittitas	14	YO-8								7333	
Klickatat	14	FO-9									

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-H
NPA 509, Page 3
Date: 1-15-61

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-H
 NPA 509, Page 4
 Date: 1-15-61

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Attended Switchrm.	
La Crosse	14	LI-9										
Latah	14	AT-6										
Leavenworth	14	KI-8										
Liberty Lake		AL-5								6194	6195	
Lind		OR-7										
Loomis	14	CA-3										
Loon Lake		CE-3									385	
Lyle	14	EM-5										
Mabton	14	TW-4									2461	
Malden	14	JA-7									3341	
Mansfield	14	OV-3										
Manson	14	MU-7										
Marcus		RE-5									3161	
Medical Lake	14	SA-3									2211	
Mesa	14	AN-5									4405	
Metaline Falls	14	HI-6										
Molson	14	HU-5										
Moses Lake		RO-2								2794	2795	
" "		RO-5			4342					3208	3271	
Naches	14	OL-3			2293					2699	2690	
Naples			Combined with Bonner's Ferry, Idaho (208 NPA)									
Nespelem		ME-4								4941	4951	

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Attended Switchrm.
Newman Lake		BA-6								3794	3795
Newport	14	HI-7									
Nile	14	OL-8									
Northport		RE-2									4295
Oaksdale	14	BU-5									
Odessa		YU-2									
Okanogan		GA-2									
Omak		TA-6									
Oroville		GR-6									
Othello		HU-8								9994	2691
Palisades	14	LI-6									
Palouse	14	TR-8									2121
Pasco		LI-7			4470					5549	9584
Pateros		WA-3				3891				4941	4951
Peshastin	14	PL-3									
Plymouth	14	JU-7									
Pomeroy		TH-3									234
Prescott	14	HO-9									2221
Priest Rapid		WE-2									4454
Prosser	14	YU-4									2001
"	14	YU-7									
Pullman	14	LO-4								1298	
"	14	LO-7									0301
"	14	LO-8									

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-H
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Date: 1-15-61

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

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 Attachment 1-H
 NPA 509, Page 6
 Date: 1-15-61

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Attended Switchrm.
Quincy	14	SU-7									3501
Reardon	14	PY-6									2501
Republic	14	SP-5									
Richland	14	WH								8989	WH 7-7011
Riggins											
Rimrock	14	OR-2									
Ritzville		OL-9									
Riverside			Combined with Omak								
Rockford	14	PO-8									
Roosevelt											
Rosalia	14	JA-3									2771
Roslyn	14										
Royal		DI-6								2299	2398
Saint John	14										
Selah	14	MY-7								3007	3111
Soap Lake	14	CH-6									3000
Spangle	14										
Spokane		CH-4			2200					3697	3609
"		FA-5			1537					2597	5137
"		FA-6			0020	0032				0034	
"		FA-7			1190					1597	5137
"		FA-8			0020	0032				0034	0015

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Attended Switchrm.
Spokane		HU-3			0020	0032				0034	
"		HU-7			6612					1597	5137
"		HU-9			0020					0034	0015
"		KE-4			1144					1597	
"		KE-5			1200					1597	5137
Spokane		MA-4			6998					5250	5137
"		RI-7			6990					0997	5137
"		TE-8			1690					1497	0275
"		WA-4			0020	0033				0034	0015
"		WA-6			1305					1597	5137
Sprague		AL-7									4951
Springdale		CL-8									4295
Starbuck		EX-9								381	
Stateline, Ore.		MA-6	Combined with	Walla Walla						3890	3720
Sunnyside	14	TE-7									6564
"	14	TE-9									
Tekoa	14	AT-4									
Thornton	14	LA-8									3611
Tieton	14	OR-3				3011				3000	2321
Tonasket	14	HU-6									
Toppenish	14	TO-5									
Touchet		EX-4									2395
Trout Lake	14	EX-5									

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-H
NPA 509, Page 7
Date: 1-15-61

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-H
 NPA 509, Page 8
 Date: 1-15-61

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Attended Switchrm.	
Twisp	14	WY-7										
Tyler		CE-9*									361	
Uniontown			Combined with Leon, Idaho (208 NPA) Manual									
Valley	14	WE-7										
Waitsburg		FE-7								4951	5751	
Walla Walla		JA-5			0020	0032				0034	0015	
" "		JA-9										
Wapato	14	TR-9									7000	
Warden		FI-9								2598	2495	
Waterville	14	RI-5										
Washtucna	14	MI-6										
Wauconda			Combined with Tonasket									
Wenatchee	14	NO-2									2611	
"	14	NO-3										
"	14	TU-4										
West Richland	14	YO-7										
White Salmon	14	HY-3										
White Swan	14	TR-4										
Whitstran			Combined with Prosser									
Wilbur		MI-7								5494	5495	

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Attended Switchrm.
Willard	14	KE-8									
Wilson Creek		DI-5									3641
Winona			Combined with La Crosse								
Winthrop		WY-6									
Wishram		SH-8	2561			2500	2510	2514	2513	2480	
Yakima		GL-2			1112					6087	
"		GL-3			0200					6087	
"		GL-7			4250					6087	5105
"		CH-8			0020	0032				0034	0015
Zillah	14	VA-9									2260

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-H
NPA 509, Page 9
Date: 1-15-61

City-Exchange	Note	Prof. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal.				Inc. Trk. T.L.	Manual Trans. Meas.	60 IPM Busy			Attended Switchrm.
Abbotsford					2011	2091				2081		2061			
Agassiz					2011	2091				2081	2071	2061			
Albion		GR-7								2081		2061			
Aldergrove						2091				2081	2071	2061			
Belmont		GR-8			2011	2091				2081		2061			
Boston Bar						291				281	271	261			
Bowen Island		225			211	291				281	271	261			
Bowser		757				8491				8481	8471	8461			SK 4-0101
Cambell River		288			3011	3091				3081		3061			
Castlegar		365				2091				2081	2071	2061			
Chilliwack		793			2011	2091				2081		2061			
Cloverdale		937			2011	2091				2081	2071	2061			
Colquitz		GR-9			2011	2091				2081		2061			
Cranbrook		586			2011	2091				2081		2061			
Creston		356			2011	2091				2081	2071	2061			
Dawson Creek		782			2011	2091				2081		2061			
Fruitvale		367				2091				2081	2071	2061			
Gabriola Island		247				9291				9281	9271	9261			
Haney		463			2011	2091				2081		2061			
Hammond		468				2091				2081		2061			

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

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Attachment 1-J
NPA 604, Page 1
Date: 1-15-61

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-J
 NPA 604, Page 2
 Date: 1-15-61

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal.	Inc. Trk. T.L.	Manual Trans. Meas.	60 IPM Busy	Attended Switchrm.	
Hope		866				2091	2081		2061		
Houston						2091	2081	2071	2061		
Keating		GR-4			2011	2091	2081		2061		
Keremos		927				2091	2081	2071	2061		
Kimberly		582				2091	2081	2071	2061	3900	
Ladner		WH-6				2091	2081	2071	2061		
Lady Smith		245			2011	2091	2081	2071	2061		
McBride											
Mission		779			9311	9391	9381	9371	9361		
Nanaimo			Manual								
Natal		585				2091	2081	2071	2061		
New Westminster		521			2011	2091	2081		2061		
" "		522			2011	2091	2081		2061		
" "		524			2011	2091	2081		2061		
" "		526			2011	2091	2081		2061		
Oliver		498				2091	2081	2071	2061		
Osoyoos		495			2031	2091	2081	2071	2061		
Oyster Bay						579	564	555	546		
Peace Arch			Combined with Lynden, Wash. (206 NPA)								
Pemberton		894				2091	2081	2071	2061		
Pender Harbour		883				2091	2081	2071	2061		

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal.				Inc. Trk. T.L.	Manual Trans. Meas.	60 IPM Busy		Attended Switchrm.
Point Roberts (U.S.A.)		WH-5												
Port Coquitlam	4	WH-2			2011	2091			2081	2071	2061		7722	
Port Hellon		884			2011	2091			2081	2071	2061			
Pouce Coupe		786				2091			2081	2071	2061			
Powell River		482			0111	0911			0811		0611			
Prince George		564			2011	2091			2081		2061			
Qualicum Quesnel		752	Manual			459			458	457	456			
Radium		587				2091			2081	2071	2061			
Rossland		362				2091			2081	2071	2061			
Sidney		GR-5			2011	2091			2081		2061			
South Slocan						291			221	271	261			
Tofino Tansis						691			681	671	661			
Ucluelet Union Bay		235				2091			2081	2071	2061			
Vancouver	4	AM-1			2011	2091			2081		2061			
"	4	AM-3			2011	2091			2081		2061			
"	4	AM-6			2011	2091			2081		2061			
"	4	CY-8			2011	2091			2081		2061			
"	4	CY-9			2011	2091			2081		2061			

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-J
NPA 604, Page 3
Date: 1-15-61

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

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 Attachment 1-J
 NPA 604, Page 4
 Date: 1-15-61

City-Exchange	Note	Prof. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal.	Inc. Trk. T.L.	Manual Trans. Meas.	60 IPM Busy	Attended Switchrm.
Vancouver-Richmond	4	BR-7			2011	2091	2081		2061	2371
"	4	CR-8			2011	2091	2081		2061	2371
"	4	FA-1			2011	2091	2081		2061	FA 7-2371
"	4	FA-5			2011	2091	2081		2061	FA 7-2371
"	4	FA-7			2011	2091	2081		2061	2371
Vancouver	4	HE-1			2011	2091	2081		2061	2371
"	4	HE-3			2011	2091	2081		2061	HE 1-2371
"	4	HE-4			2011	2091	2081		2061	HE 1-2371
"	4	LA-1			2011	2091	2081		2061	2371
Vancouver	4	MU-1			2011	2091	2081		2061	MU 3-2371
"	4	MU-2			2011	2091	2081		2061	MU 3-2371
"	4	MU-3			2011	2091	2081		2061	2371
"	4	MU-4			2011	2091	2081		2061	MU 3-2371
"	4	MU-5			2011	2091	2081		2061	MU 3-2371
Vancouver	4	RE-1			2011	2091	2081		2061	RE 3-2371
"	4	RE-3			2011	2091	2081		2061	2371
"	4	RE-6			2011	2091	2081		2061	RE 3-2371
"	4	RE-8			2011	2091	2081		2061	RE 3-2371
Vancouver	4	TR-4			2011	2091	2081		2061	TR 6-2371
"	4	TR-6			2011	2091	2081		2061	2371
"	4	TR-9			2011	2091	2081		2061	TR 6-2371
" -West	4	WA-2			2011	2091	2081		2061	2371
" "	4	WE-3			2011	2091	2081		2061	2161

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal.	Inc. Trk. T.L.	Manual Trans. Meas.	60 IPM Busy	Attended Switchrm.
Vancouver-Pt. Moody	4	WE-9			2011	2091	2081		2061	3377
" -North	4	WO-6			2011	2091	2081		2061	2861
" "	4	YU-5			2011	2091	2081		2061	YU 8-2371
" "	4	YU-7			2011	2091	2081		2061	YU 8-2371
" "	4	YU-8			2011	2091	2081		2061	2371
Vancouver		CA-4			2011	2091	2081		2061	2371
"		AL-5			2011	2091	2081		2061	2371
Victoria		EV-2			2011	2091	2081		2061	
"		EV-3			2011	2091	2081		2061	
"		EV-4			2011	2091	2081		2061	
"		EV-5			2011	2091	2081		2061	
"		EV-6			2011	2091	2081		2061	
Westview		485			2011	2091	2081	2071	2061	
Whiterock		948			2011	2091	2081	2071	2061	
Williams Lake			Manual							
Yarrow		868			2011	2091	2081	2071	2061	
Youbou						291	281	271	261	

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

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Attachment 1-J
NPA 604, Page 5
Date: 1-15-61

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal.	Inc. Trk. T.L.	Attended Switchrm.
Austin	4	WO-4	2650	2650			2458	2456
Battle Mountain	4	ME-5	2357	2570			2458	2515
Carson City	4	GR-2	3038	3038	2770		9910	3340
Crystal Bay	4	LI-7	2754	2754				3311
Elko	8, 14	RE-8	3711	3711				6100
Ely	4	AM-4	4359	4359	4100		9910	4836
"	4	AM-8	1200	1200			1200	1298
Fallon	11, 14	HA-3			3333		9910	1111
Hawthorne	4	WI-5	2424	2424	2600		9910	2466
Las Vegas	1, 11, 14	DU-2	0000	0000				0000
" "	1, 11, 14	DU-4	0000	0000				0000
" "	1, 14, 15	EV-5	1111	1111				DU 2-0000
" "	1, 14, 15	MI-2	1111	1111				1111
Las Vegas	1, 14, 15	NA-4	3111	3111				3111
" "	1, 14, 15	OV-7	1111	1111				1111
" "	1, 14, 15	OR-8	1111	1111				1111
Lovelock	4	CR-3	2550	2550	2341		9910	2225
McGill	4	CE-5	7824	7824			7824	7361
Mesquite	1, 14	FI-6	2321	2321				2321

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15. U.S.I. Equip.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-K
NPA 702, Page 1
Date: 1-15-61

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15. U.S.I. Equip.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-K
 NPA 702, Page 2
 Date: 1-15-61

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal.	Inc. Trk. T.L.	Attended Switchrm.
Overton	1, 14	EX-7	2342	2342				2342
Reno	4	FA-2	7070	7070	1900		9910	2157
"	4	FA-3	5875	5875			9910	FA 2-2157
"	4	FA-9	0400	0400			2458	FA 2-2157
"	4	FI-9	0555	0555			9910	0111
"	4	EL-5	2489	2489			9910	3226
Wells	14	SK-2	3555	3555				3789
Winnemucca	4	MA-3	2100	2100			2458	2519

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Inc. Trk. T.L.	Attended Switchrm.
Alder Point	8, 14	926	5290				5290	923-2114 ←
Arcata-Main	4	VA-2	2398	2398	0020		0710	2301
" -Terrace	4	TE-9	1398	1398			9982	HI 3-5005
Blue Lake	4	NO-8	5967	5967			9982	HI 3-5005
Bodega Bay	4	UP-5	3412	3412			9942	LI 5-7777
Boonville	8	TW-5	3211	3211			9942	HO 2-4714
Calistoga	4, 13	WH-2	4222	4422			4222	4000
Cloverdale	4, 13	TW-4	2490	2195			5597	2301
Cobb Mt.	4	WA-8	5211	5211			5211	CO 3-4301
Covelo	8, 14	983	2901				2901	923-2114 ←
Crescent City	8, 14	IN-4	4178					
Eureka	4	HI-2	1102	1102	1091		0710	HI 3-5005
"	4	HI-3	0716	0716	1091		0710	5005
Ferndale	9, 14	SU-6	9987					
Forestville	4	TU-7	2698	2698			2698	LI 5-7777
Fort Bragg	4	YO-4	3939	3939	5879		9942	5772
Fortuna	4	RA-5	3636	3636			9982	2301
Garberville	8, 14	923	2190				2190	2114 ←
Geyserville	4, 13	UL-7	3556	3558			9942	LI 2-9998
Gualala	4	TU-4	3626	3626			3626	YO 4-5772
Guerneville	4	UN-9	2898	2898			9942	LI 5-7777
Healdsburg	4	ID-3	1433	1433	1111		9942	2301
Hydesville	4	RO-8	3390	3625			9982	HI 3-5005
Kelseyville	4	CR-9	4758	4444			4758	CO 3-4301
Klamath	8, 14	482	3802		2102		3802	464-3023 ←

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

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Attachment 1-L

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Revised: 10-15-61 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Alder Point	8, 14	926	5290						5290			923-2114
Arcata-Main	4	VA-2	2398	2398	0020				0710			2301
" -Terrace	4	TE-9	1398	1398					9982			HI 3-5005
Benicia	6	745	1745	0022	0020	0049	0048	0047	0710	0044	0045	644-0011
Blue Lake	4	NO-8	5967	5967	5520				9982	5520	5945	HI 3-5005 ←
Bodega Bay	4	UP-5	3412	3412					9942			LI 5-7777
Boonville	8	TW-5	3211	3211					9942			HO 2-4714
Calistoga	4, 13	WH-2	4222	4422	4611				4222	4611	4612	4000 ←
Cloverdale	4, 13	TW-4	2490	2490	5700				5597	5700	2390	2301 ←
Cobb Mt.	4	WA-8	5211	5211					5211			CO 3-4301
Covelo	8, 14	983	2901						2901			923-2114
Crescent City	8, 14	IN-4	4178									
Eureka	4	HI-2	1102	1102	1091				0710			HI 3-5005
"	4	HI-3	0716	0716	1091				0710			5005
Ferndale	9, 14	SU-6	9987									
Forestville	4	TU-7	2698	2698	2640				9942	2640	2649	LI 2-0015 ←
Fort Bragg	4	YO-4	3939	3939	5879				9942			5772
Fortuna	4	RA-5	3636	3636	2111				9982	2111	4407	2301 ←
Garberville	8, 14	923	2190						2190			2114
Geyserville	4, 13	UL-7	3556	3558					9942			LI 2-9998
Gualala	4	TU-4	3626	3626					3626			YO 4-5772
Guerneville	4	UN-9	2898	2898	2345				9942	2345	2222	LI 2-0015 ←
Healdsburg	4	ID-3	1433	1433	1111				9942			2301
Hydesville	4	RO-8	3390	3625					9982			HI 3-5005
Kelseyville	4	CR-9	4758	4444					4758	4220	4520	CO 3-4301 ←
Klamath	8, 14	482	3802		2102				3802			464-3023

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850

Attachment 1-L

NPA 707, Page 1

Revised: 3-1-63 ←

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-L
 NPA 707, Page 2
 Revised: 10-15-61 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Inc. Trk. T.L.	Attended Switchrm.
Lakeport	4	CO-3	4878	4878			4878	4301
Laytonville	8, 14	984	2901				2901	923-2114 ←
Leggett	8, 14	925	6290				6290	923-2114 ←
Loleta	4	RE-3	5349	5349			9982	HI 3-5005
Lower Lake	4	WY-4	6411	6411			6411	CO 3-4301
Mendocino	4	WE-7	5966	5721			5966	YO 4-2301
Middletown	8	YU-7	3389	3389			3389	CO 3-4301
Miranda	4	WH-3	3000	3000			9982	HI 3-5005
Monte Rio	4	VO-5	2010	2010			9942	LI 5-7777
Napa	3, 4, 13	BA-4	0024	0015	0020		0024	0011
"	3, 4, 13	BA-6	6311		8888		6311	BA 4-0011
Occidental	4	TR-4	3571	3571			9942	LI 5-7777
Petaluma-Main	4	PO-2	2291	2291	4444		2291	4566
" "	4	PO-3	1221	1120			1221	PO 2-4566
" -Swift	4	SW-5	4222	5214	4444		4222	PO 2-4566
Point Arena	4	TU-2	2098	2098			2098	YO 4-5772
Rio Dell	4	RO-4	5900	5900			9982	HI 3-5005
St. Helena-Main	4	WO-3	2024	2024	2020		2024	2011
" -Woodward	4	WO-5	2023	2023			2023	2011
Santa Rosa	3, 6	LI-2	0098	0022	0020		0710	0015
" "	3, 6	LI-5	0899	0022	0020		0710	0015
" "	3, 6	LI-6	2900	0022	0020		0710	0015

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

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 Attachment 1-L
 NPA 707, Page 2
 Revised: 3-1-63 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Lakeport	4	CO-3	4878	4878					4878			4301
Laytonville	8, 14	984	2901						2901			923-2114
Leggett	8, 14	925	6290						6290			923-2114
Loleta	4	RE-3	5349	5349					9982			HI 3-5005
Lower Lake	4	WY-4	6411	6411					6411			CO 3-4301
Mendocino	4	WE-7	5966	5721					5966			YO 4-2301
Middletown	8	YU-7	3389	3389					3389			CO 3-4301
Miranda	4	WH-3	3000	3000					9982			HI 3-5005
Monte Rio	4	VO-5	2010	2010					9942			LI 5-7777
Napa	3, 4, 13	BA-4	0024	0015	0020				0024			0011
"	3, 4, 13	BA-6	6311		8888				6311			BA 4-0011
"	3, 6	255	0029	0022	0020	0049	0048	0047	0710	0044	0045	0015 ←
Occidental	4	TR-4	3571	3571					9942			LI 5-7777
Petaluma-Main	4	PO-2	2291	2291	4444				2291			4566
" "	4	PO-3	1221	1120					1221			PO 2-4566
" -Swift	4	SW-5	4222	5214	4444				4222			PO 2-4566
Point Arena	4	TU-2	2098	2098					2098			YO 4-5772
Rio Dell	4	RO-4	5900	5900					9982			HI 3-5005
St. Helena-Main	4	WO-3	2024	2024	2020				2024			2011
" -Woodward	4	WO-5	2023	2023					2023			2011
Santa Rosa	3, 6	542	0098	0022	0020	0049			0710			0015 ←
" "	3, 6	545	0899	0022	0020				0710			0015 ←
" "	3, 6	546	2900	0022	0020				0710			0015 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Inc. Trk. T.L.	Attended Switchrm.
Sebastopol	4	VA-3	3303	3303	3333			9942	2301
Sonoma-Main	4	WE-8	5898	5432				5597	2222
" -Wyman	4	WY-6	0103	0022	0020			0022	WE 8-2222
Suisun-Main	4	HA-5	2522	2522	4020			2522	2911
" -Idlewood	4, 13	ID-7	2797	2789	2000			2797	HA 5-2911
Trinidad	4	OR-7	3690	3490				9982	HI 3-5005
Ukiah	3, 4	HO-2	2160	2160	2496			2160	4714
Upper Lake	8	BR-5	2001	2001				2001	CO 3-4301
Vacaville	4	HI-8	2150	6000				2150	6812
Vallejo	4	MI-2	0222	0222	0555			0222	MI 4-0011
"	4	MI-3	3355	3355	5555			3355	MI 4-0011
"	4	644	0080	0080	4416	0044	0045	0080	0011
Valley Ford	4	TR-6	3280	3280				3280	LI 5-7777
Weott	4	WH-6	2290	2277				2382	HI 3-5005
Willits	4	GL-9	2097	2097				2097	HO 2-4714 ←
Windsor	4	VE-8	6321	6321				9942	LI 5-7777

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

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City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Sebastopol	4	VA-3	3303	3303	3333			9942			2301
Sonoma-Main	4	WE-8	5898	5432				5597			2222
" -Wyman	4	WY-6	0103	0022	0020			0022			WE 8-2222
Suisun-Main	4	HA-5	2522	2522	4020			2522			2911
" -Idlewood	4, 13	ID-7	2797	2789	2000			2797			HA 5-2911
Trinidad	4	OR-7	3690	3490	3650			9982	3650	3659	HI 3-5005 ←
Ukiah	3, 4	HO-2	2160	2160	2496			2160			4714
Upper Lake	8	BR-5	2001	2001				2001			CO 3-4301
Vacaville	4	HI-8	2150	6000				2150			6812
Vallejo	4	MI-2	0222	0222	0555			0222			MI 4-0011
"	4	MI-3	3355	3355	5555			3355			MI 4-0011
"	4	644	0080	0080	4416	0044	0045	0080			0011
Valley Ford	4	TR-6	3280	3280				3280			LI 5-7777
Weott	4	WH-6	2290	2277				2382			HI 3-5005
Willits	4	GL-9	2097	2097				2097			HO 2-4714
Windsor	4	VE-8	6321	6321	6333			9942	6333	6888	LI 2-0015 ←

- Notes: 1. Verbal Answer
2. Not 2L-5N
3. Via Net Loss
4. SXS Equip.
5. IXB Equip.
6. 5 X B Equip.
7. Panel Equip.
8. XY Equip.
9. A.E.S. Equip.
10. N.E. Equip.
11. Kellog Equip.
12. PBX
13. Two Calls Required For Ans. Supv.
14. Independent Company
15.
16.

SECTION A199.850

Attachment 1-L

NPA 707, Page 3

Revised: 3-1-63 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Center	Attended Switchrm.
Adelanto	14													
Alpine	4	HI-5	2445		2602	9297	9298		9290			2119	CY 6-0076	2600
Anaheim-Cypress	4	JA-7	1527		0002	9297	9298		9290	0001	1118	1119		0000
" "	6	TA-8	1828		0002	4297	4298	4296	4290	0299				0000
" -Lemon	4	KE-3	1533		0002	9297	9298	9296	9290		1118	1119		
" "	4	KE-5	1535		0002	9297	9298	9296	9290	0028	1118	1119		0000
" "	6	PR-2	1772		0002	9297	9298		9290		1118	1119		
" "	6	PR-4	1774		0002	9297	9298		9290	0299	1118	1119		0000
" "	6	PR-6	1776		0002	4297	4298		4290	0299	1118	1119		PR 4-0000 ←
Apple Valley	14													
Arrowhead	14					4811							TU 2-0003	3781 ←
Banning	4, 14	VI-9		3000										4000
Barstow	14													
Beaumont	4, 14	VI-5		2090										1114
Benton Station	14													
Big Bear Lake	14													
Big Pine	14													
Bishop	14													
Blythe	14													
Boron	14													
Borrego	4	RO-7	5367										CY 6-0076	SH 5-0000
Brawley	6	FI-4	1344		0002	9297	9298		9290	9299			CY 6-0076	0000
Brea	4	JA-9	1529		2398	1297	1298		9290					2000

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

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NPA 714, Page 1
Revised: 10-15-61 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Center	Attended Switchrm.
Alpine	4	HI-5	2445		2602	9297	9298		9290			2119	CY 6-0076	2600
Anaheim-Cypress	4	JA-7	1527		0002	9297	9298		9290	0001	1118	1119		0000
"	"	6	TA-8	1828	0002	9297	9298	9296	9290	0299				0000 ←
"	-Lemon	4	KE-3	1533	0002	9297	9298	9296	9290		1118	1119		
"	"	4	KE-5	1535	0002	9297	9298	9296	9290	0028	1118	1119		0000
"	"	6	PR-2	1772	0002	9297	9298		9290		1118	1119		
"	"	6	PR-4	1774	0002	9297	9298		9290	0299	1118	1119		0000
"	"	6	PR-6	1776	0002	7297	7298		4290	0299	1118	1119		PR 4-0000
Arrowhead	14					4811							TU 2-0003	3781
Baker	4	733	4233		4202	4397					4219			CL 6-2492
Banning	4, 14	VI-9		3000										4000
Barstow	4, 14	CL-5		Barstow Toll Center										CL 6-2111
"	4, 14	CL-6		Barstow Toll Center										2111
Beaumont	4, 14	VI-5		2090										1114
Benton Station	2, 4, 14			Bishop Toll Center										
Big Bear Lake	2, 4, 14			San Bernardino Toll Center										
Big Pine	2, 4, 14			Bishop Toll Center										
Bishop	4, 14	UP-2		Bishop Toll Center										4731 EXT 004
"	4, 14	UP-3		Bishop Toll Center										VP 2-4731 EXT 004
Blythe	14													
Boron	4, 14	SM-2		Victorville Toll Center										1101
Borrego	4	RO-7	5367										CY 6-0076	SH 5-0000
Brawley	6	FI-4	1344		0002	9297	9298		9290	9299			CY 6-0076	0000
Brea	4	JA-9	1529		2398	1297	1298		9290					2000

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-M
NPA 714, Page 1
Revised: 3-1-63 ←

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-M
 NPA 714, Page 2
 Revised: 7-1-62 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Center	Attended Switchrm.
Bridgeport	14													
Buena Park-Artesia	6	LA-1	1521		0002	9297	9298		9290	9299	1118	1119		0000 ←
" " -Grand	4	LA-2	1522		0002	9297	9298		7996	0003				0000
Calexico	4	EL-7	1357		0002	9297	9298		9290				CY 6-0076	0000
Calipatria	4	DI-8	2348										CY 6-0076	EL 2-0000
Campo	4	GR-8	5478			5497	5498		5490		5310	5320	CY 6-0076	5300
Carlsbad	4	PA-9	1729		0002	9297	9298	9296	9290				CY 6-0076	0000
Cathedral City	4, 14	FA-8		9198	0002									3100
Chino	4, 14	NA-8		9083	2002									0000
Chula Vista-3rd Ave	4	GA-2	1422		0002	9297	9298						CY 6-0076	0000
" " " "	6	HA-0	1420		0002	9297	9298	9296	9290				CY 6-0076	0000
" " -Otay	4	HA-3	1423		1202	1297		1296	1290				CY 6-0076	1200
Claremont	4, 14	NA-4		9083	0002			9296	9290					0000
" "	4, 14	NA-6		9083	0002			9296	9290					0000
Coachella	4, 14	EX-8												
Colton	6	TA-5	1825		0002	9297	9298		9290					0000
Corona	4	RE-7	1737		0002	9297	9298		9290	0299				0000
Coronado	4	HE-5	1435		0002	9297	9298	9296	9290				CY 6-0076	0000
Costa Mesa	4	LI-8	1548		0002	9297	9298		9290					0000
" " "	4	MI-6	1646		3002	1297	1298		1290	1162				LI 8-0000
Crestline	14					9197	9198						TU 2-0003	5718
Crowley Lake	14													

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

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Attachment 1-M

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Revised: 10-1-62 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Center	Attended Switchrm.
Bridgeport	2, 4, 14		Bishop	Toll Center										
Buena Park-Artesia	6	LA-1	1521		0002	9297	9298		9290	9299	1118	1119		0000
" "	-Grand 4	LA-2	1522		0002	9297	9298		7996	0003				0000
Calexico	4	EL-7	1357		0002	9297	9298		9290				CY 6-0076	0000
California City	8, 14	DR-3												
Calipatria	4	DI-8	2348										CY 6-0076	EL 2-0000
Campo	4	GR-8	5478			5497	5498		5490		5310	5320	CY 6-0076	5300
Carlsbad	4	PA-9	1729		0002	9297	9298	9296	9290				CY 6-0076	0000
Cathedral City	4, 14	FA-8		9198	0002									3100
Chino	4, 14	NA-8		9083	2002									0000
Chula Vista-3rd Ave	4	GA-2	1422		0002	9297	9298						CY 6-0076	0000
" " "	" 6	HA-0	1420		0002	9297	9298	9296	9290				CY 6-0076	0000
" " -Otay	4	HA-3	1423		1202	1297		1296	1290				CY 6-0076	1200
Claremont	4, 14	NA-4		9083	0002			9296	9290					0000
" "	4, 14	NA-6		9083	0002			9296	9290					0000
Coachella	4, 14	EX-8												
Colton	6	TA-5	1825		0002	9297	9298		9290					0000
Corona	4	RE-7	1737		0002	9297	9298		9290	0299				0000
Coronado	4	HE-5	1435		0002	9297	9298	9296	9290				CY 6-0076	0000
Costa Mesa	4	LI-8	1548		0002	9297	9298		9290					0000
" "	4	MI-6	1646		3002	1297	1298		1290	1162				LI 8-0000
Crestline	14					9197	9198						TU 2-0003	5718
Crowley Lake	2, 4, 14													

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Center	Attended Switchrm.
Dana Point	4	GY-6	5496		9002	9297		9296	9290					5000
Del Mar	4	SK-5	1755		0002	9297	9298	9296	9290				CY 6-0076	0000
Desert Hot Springs	4, 14	FA-9		9198										3345
Dulzura	4	GR-5	3475			3497	3498		3490				CY 6-0076	3300
Eagle Mountain	4, 14	EX-2												
El Cajon	4	HI-2	1442		0002	9297	9298	9296	9290				CY 6-0076	HI 4-0000
" "	4	HI-4	1444		0002	9297	9298	9296	9290				CY 6-0076	0000
El Centro	6	EL-2	1352		0002	9297	9298		9290	0011			CY 6-0076	0000
Elsinore-Grand	4, 14	GR-8												2110
" -Main	14													Main 4001
Encinitas	4	PL-3	1753		4802	9297	9298	4990	2390				CY 6-0076	1100
Escondido	6	SH-5	1745		0002	9297	9298	9296		0299			CY 6-0076	0000
"	6	SH-6	1746		0002					0299			CY 6-0076	0000
Etiwanda	14												YU 6-0004	6691
Fallbrook	4	RA-8	7728		9003	9397	9398						CY 6-0076	1100
Fontana	4	VA-2	1822	9198	0002	9297	9298	9186	9290					0000 ←
"	4	VA-3	1823		4002	4597	4598	4596	4590					←
Fullerton	4	LA-5	1525		0002	9297	9298		9290	0026				0000
"	4	LA-6	1526		2900	9297	9298		9290				LA 5-0000	
"	6	TR-1	1871		0002	7297	7298		7290	0299				0000
Garden Grove-Euclid	4	LE-9	1539		0002	9297	9298	9296	9290	3484				0000
" " -Verano	6	JE-1	1531		0002	9297	9298	9296	9290	0299	1118	1119		
" " "	6	JE-4	1534		0002	0297	0298	0296	0290	0299	1118	1119		
" " "	6	JE-7	1537		0002	9297	9298	9296	9290	0299	1118	1119		0000

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-M
NPA 714, Page 3

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-M
 NPA 714, Page 4
 Revised: 12-15-61 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900	900	Open Ckt. Bal.	Short Ckt. Bal.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Center	Attended Switchrm.
						Ohm Bal. No. 1	Ohm Bal. No. 2							
Hemet	4, 14	OL-8		2658	6002									2247
Highland	4	GL-8	2458		8002	8297	8298	9956	8290					3000 ←
Holtville	4	FL-6	1356										CY 6-0076	EL 2-0000
Huntington Beach	4, 14	LE-6		2590	3802	2297	9298	9296	2290					0000
" -Slater	14					9297	9298							
Idyllwild	4, 14	OL-9												2100
Imperial	4	FL-5	1355		1002			1990	1969				CY 6-0076	EL 2-0000
Independence	14		Bishop Toll Center											
Indio	4, 14	DI-7												
Inyokern			Ridge Crest Toll Center											
Jacumba	4	PO-6	4566		4309	4497	4498		4490		4410	4420	CY 6-0076	4300
Joshua Tree	4, 14	FO-6		9198										2000
Julian	4	PI-7											CY 6-0076	SH 5-0000
June Lake	14		Leevining Toll Center											
Laguna Beach	4, 14	HY-4		1117	0002	9297	9298	9296	9290					0000
Lakeside	4	HI-3	1443		1002	9297	9298		9290				CY 6-0076	1000
La Mesa	4	HO-3	1463		0002				9290				CY 6-0076	0002
" "	6	HO-5	1465	1117	0002	0297	0298	0296	0290				CY 6-0076	0000
" "	4	HO-6	1466		0002	9297	9298		9290				CY 6-0076	0000
" "	4	HO-9	1469		0002	9297	9298		9290				CY 6-0076	0000
La Quinta	4, 14	DI-7	See Indio											
La Verne	4, 14	LY-3		1083	0002	9297	9298	9290	9296					0000

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Center	Attended Switchrm.
Leevining	14		Bishop Toll Center											
Loma Linda	4,14	PY-6		6005										5000
Lone Pine	14		Bishop Toll Center											
March A.F.B.	14	655	Riverside Toll Center											LD 20
Marine Palms	4,14	FO-8		9198										2000
Mecca	4,14	EX-9												
Mentone	4,14	PY-4		1000										2197
Mesa Grande	4	RI-9											CY 6-0076	SH 5-0000
Moreno	14	653		1117	2002									2000
Murrieta	14		Riverside Toll Center											111
Muscoy	4,14	TU-7	1887	2198	2002	1118		9296	9290			1119		2000
National City	4	GR-4	1474		4402								CY 6-0076	GR 7-0000
" "	4	GR-7	1477		0002	9297	9298		9290				CY 6-0076	0000
" "	6	GR-1	1471		0002	1197	1298	1196	1190		1118	1119	CY 6-0076	GR 1-0000 ←
Needles	4,14	EA-6												
Newberry	14		Barstow Toll Center											
Newport Bch-Balboa	6	OR-3	1673		0002	9297	9298		9290	0299				0000
" " "	6	OR-5	0675		0002									OR 3-0000
Oasis	4,14	EX-9	See Thermal											
Oceanside	4	SA-2	2722		0002	9297	9298	9296	9290				CY 6-0076	0000
Ontario	4,14	YU-4		1117	0002									0000
" "	4,14	YU-6		1117										YU 4-0000

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-M
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Revised: 7-1-61 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Center	Attended Switchrm.
Leevining	14		Bishop Toll Center											
Loma Linda	4,14	PY-6		6005										5000
Lone Pine	14		Bishop Toll Center											
March A.F.B.	14	655	Riverside Toll Center											LD 20
Marine Palms	4,14	FO-8		9198										2000
Mecca	4,14	EX-9												
Mentone	4,14	PY-4		1000										2197
Mesa Grande	4	RI-9											CY 6-0076	SH 5-0000
Moreno	14	653		1117	2002									2000
Murrieta	14		Riverside Toll Center											111
Muscoy	4,14	TU-7	1887	2198	2002	1118		9296	9290			1119		2000
National City	4	GR-4	1474		4402								CY 6-0076	GR 7-0000
" "	4	GR-7	1477		0002	9297	9298		9290				CY 6-0076	0000
" "	6	GR-1	1471		0002	1197	1298	1196	1190		1118	1119	CY 6-0076	GR 1-0000 ←
Needles	4,14	EA-6												
Newberry	14		Barstow Toll Center											
Newport Bch-Balboa	6	OR-3	1673		0002	9297	9298		9290	0299				0000
" " "	6	OR-5	0675		0002									OR 3-0000
Oasis	4,14	EX-9	See Thermal											
Oceanside	4	SA-2	2722		0002	9297	9298	9296	9290				CY 6-0076	0000
Ontario	4,14	YU-4		1117	0002									0000
" "	4,14	YU-6		1117										YU 4-0000

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-M
NPA 714, Page 5
Revised: 7-1-61 ←

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Center	Attended Switchrm.
Orange	4	KE-2	1532		1002	9297	9298		9290					KE 8-0000
"	4	KE-8	1538		0002	9297	9298		9290	0074				0000
Palm City	4	GA-4	6424		8102	9297	9298		9290				CY 6-0076	8100
Palm Desert	4, 14	FI-6												
Palm Springs	4, 14	FA-4		9198	0002	9297								3624
"	"	4, 14	FA-5	9198	0002	9297								FA 4-3624
Parker Valley	4, 14	NO-3												
Parker Dam	4, 14	NO-5												
Pauma Valley	4	PI-2	3242		3402	9297	9298		9290					3371
Perris	4, 14	OL-7		2600										3109
Pine Valley	4	GR-3	8473		8309	9497	9498		9490		8371	8376	CY 6-0076	8300
Placentia	4	LA-81	528		418									100
"	4	LA-82			518	297	298		290					LA 8-1100
Pomona	4, 14	NA-2		9083	2102									0000
"	4, 14	NA-3												NA 2-0000
"	4, 14	NA-9		9083	2802									0000
Poston	4, 14	NO-4												
Poway-Riverview	6	748	1748		0002	9297		9296	9290	1113	1114		CY 6-0076	745-0000 ←
Ramona	6	ST-9	1789		0002	1297	1298	1296	1290	0299			CY 6-0076	0000
Rancho Santa Fe	4	PL-6	1756			9197	9198						CY 6-0076	1100
Randsberg	14		Ridgecrest Toll Center											

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Center	Attended Switchrm.
Redlands	4, 14	PY-2		2152										5000
"	4, 14	PY-3		1617	2103									3000
Rialto	6	TR-5	1875		0002	9297	9298		9290					TR 7-0000
"	6	TR-7			0002	0297	0298		0290					0000
Ridgecrest	14		Ridge Crest Toll Center											
Ripley	14		Blythe Toll Center											
Riverside-Magnolia	6	OV-8	1688		0002	9297	9298		9290	0299				0000
"	"	6	OV-9	1689	0002	9297	9298		9290	0299				0000
" -Orange	6	OV-3	1683		0002	9297	9298		9290					0000
"	"	6	OV-4	1684	0002	8297	8298		8290					0000
"	"	6	OV-6	1686	0002	6297	6298		6290					0000
" -Pedley	4	OV-5	4685		7002	6297	6298		6290					5000
San Bernardino	4, 14	TU-4							4290					TU 9-0000
"	"	4, 14	TU-8	9198	3402			9296	9290					TU 9-0000
"	"	4, 14	TU-9	1889	9198	5002	1118	9296	9290					0000
" -Marshall	4, 14	TU-2	1882	9198	0002	9297	9298	9296	9290				0003	0000 ←
"	"	4, 14	TU-3	1883	9198	2002	9297	9298	9296	9290				0000 ←
"	"	4, 14	TU-6	1886	2198	1002	9297	9298	2296	2290				TU 2-0000 ←
San Clemente	4	HY-2	1492		0002	9297	9298		9290					0000
San Diego-Tennyson	4	AC-2	1222		0002	9297	9298	9296	9290				CY 6-0076	0000
"	"	4	AC-3	1223	0002	9297	9298	9296	9290				CY 6-0076	0000
"	"	4	AC-4	1224	1002								CY 6-0076	AC 2-0000

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-M
NPA 714, Page 7
Revised: 10-15-61 ←

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850

Attachment 1-M

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Revised: 12-15-61 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900	900	Open Ckt. Bal.	Short Ckt. Bal.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Center	Attended Switchrm.
						Ohm Bal. No. 1	Ohm Bal. No. 2							
San Diego-37th St.	4	AT-1	1281		0002	9297	9298	9296	9290				CY 6-0076	0000
" " "	4	AT-2	2282		0002	9297	9298	9296	9290				CY 6-0076	0000
" " "	4	AT-3	2283										CY 6-0076	AT 2-0000
" " "	4	AT-4	1284		0002	9297	9298		9793				CY 6-0076	0000
San Diego-'C' St.	4	BE-2	1232		0002	9297	9298	9296	9290				CY 6-0076	0000 ←
" " "	4	BE-3	1233		0002	1496	1836	1459	1949				CY 6-0076	BE 2-0000 ←
" " "	4	BE-4	1234		1002	9297	9298	9596	9290				CY 6-0076	BE 2-0000 ←
" " "	4	BE-9	1239		9002	9297	9298	9296	9290				CY 6-0076	BE 2-0000 ←
San Diego-Garnet	6	BR-3	1273		0002	9297	9298	9296	9290	0299			CY 6-0076	0000
" " "	6	BR-4	1274		0002	9297	9298	9296	9290	0299			CY 6-0076	0000
" " "	6	BR-6	1276		0002	9297	9298	9296	9290	0299			CY 6-0076	0000
" " -Linda Vista	6	BR-7	1277		0002	9297	9298	9296	9290	0299			CY 6-0076	0000
" " " "	6	BR-8	1278		0002	0297	0298	0296	0290	0299			CY 6-0076	0000
San Diego-Market	4	CO-2	1262										CY 6-0076	CO 4-0000
" " "	4	CO-4	1264		0002	9297	9298		9290				CY 6-0076	0000
" " -University	4	CY-5	1295		0002	9297	9298		9290				CY 6-0076	0000
" " "	4	CY-6	1296		0002	9297	9298		9290				0076	0000
" " "	4	CY-7	1297										CY 6-0076	CY 5-0000
" " "	4	CY-8	1298		0002	9297	9298	9279	9290				CY 6-0076	CY 5-0000
San Diego-Girard	4	GL-4	1454		0002	4997	4998	4896	4990				CY 6-0076	0000
" " "	4	GL-9	1459		1002	9297	9298	9296	9290				CY 6-0076	GL 4-0000
" " -Hornblend	4	HU-8	1488		0002	9297	9298						CY 6-0076	0000
" " -College	6	582	1582	1117	0002	9297	9298	9296	9290	0299			CY 6-0076	0000 ←
" " "	6	583	1583	1117	0002	9297	9298	9296	9290	0299			CY 6-0076	JU 2-0000 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Center	Attended Switchrm.
San Dimas	4, 14	LY-9	1595	1117	2002			1296	1290					WA 2-2225
San Jacinto	4, 14	OL-4												2100
San Juan Capistrano	4	GY-3	1593		0002	0097		0096	0090					0000
San Marcos	6		744 1744	1117	0002	0279							CY 6-0076	745-0000 ←
Santa Ana-5th St.	4	KI-2	1542	1117	0002	9297	9298	9296	9290		1118	1119		KI 3-0000
" "	" 4	KI-3	1543	1117	0002	9297	9298	9296	9290	0200	1118	1119		0000
" "	" 4	KI-7	1547	1117	0002	9297	9298	9296	9290		1118	1119		KI 3-0000
" "	-Bristol 4	KI-5	1545		0002	9297	9298		9290	0100	1118	1119		0000
" "	" 4	KI-9	1549		0002	0297	0298	0296	0290					KI 5-0000
Santa Ana-Irvine	6	JU-6	7996		7992									LI 4-0000
" "	" 6	LI-4	1544		0002	0297	0298			0299				0000
Santee	6	448	1448	1117	0002	0297	0298	0296	0290	0299			CY 6-0076	0000
San Ysidro	4	GA-8	1428			1797	1798						CY 6-0076	1300
Temecula	14													Riverside Toll Center
Thermal	4, 14	EX-9												
Thousand Palms	4, 14	EX-0												
Trona	14													Ridgecrest Toll Center
Twenty-Nine Palms	4, 14	FO-7				9198								7000
Upland	4, 14	YU-2		1117	0002									0000
"	4, 14	YU-5		1117										YU 2-0000
Victorville	14													Victorville Toll Center
Vista, Michigan	4	PA-4	1724		1002	9297	9298		9290				CY 6-0076	1000 ←
Vista	6	727	1727	1117	0002	0297							CY 6-0076	745-0000 ←

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

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 Revised: 3-15-62 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Trans. Test Access	Loop Around No. 1	Loop Around No. 2	Analysis Center	Attended Switchrm.
Walnut (Pomona)	4, 14	LY-5		9083	0002	9297	9298							0000
Westminster	4, 14	TW-3			0002	9297	9298		9290					0000
"	4, 14	TW-7												TW 3-0000
Whitewater	14		San Bernardino		Toll Center									
Winterhaven	4, 14	572		0008	0006	0007							602-SU 3-3377 ←	
Yorba Linda	4	LA-86	428	110	402	297	298	296	290					LA 8-7000
" "	4	LA-87	152	110	900	397	398	389	390					000
Yucaipa	4, 14	PY-7		0700										0501
Yucca Valley	4, 14	FO-5		9198										2000
Yuma	4, 14	ST-6	See Winterhaven											

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Auto Supv.	Loop Around No. 1	Loop Around No. 2	Analysis Center	Attended Switchrm.
Antelope	4, 14	WH-6	1946	1117	0002	9297	9298	9296	9290	1117					
Arroyo Grande	4	HU-9	5969	5969	2444					0710		2444	2777		LI 3-0015
Arvin	4	774	2611	2611		2929			2928	9910		5600	5666		2349
Atascadero	6	466	1466	0022	0020	0049		0048	0047	0710		0044	0045		0015 ←
Bakersfield-Main	4	322	3354	3354	0000	0049		0048	0047	0710					327-6326
"	"	4	323	0181	0181	0000	0349			0710					327-6326
"	"	4	324	0341	0341	0000	0549			0710					327-6326
"	"	4	325	2867	2867	0000	4049			0710					327-6326
"	"	4	327	0092	0092	0000	1840			0710					6326
Bakersfield-Empire	4	EM-6	7800	7800	8029	3129		3128	3127	9910					8126
"	-Export	4	EX-9	0040	0022	0020	9743		9741	0710					327-6292
"	-Temple	6	TE-1	0500	0022	0020	0049		0048	0047	0710			327-6416	0011
"	-Thornwall	4	TH-5	0050	0050	0020	0745		0744	0743	0710				0025
Buttonwillow	1, 10, 14	PO-4	5224												
Beale A.F.B.	4, 12	634	2997	3666	3189	3555		3222	3333			3189	3444		2211 ←
Calif. Hot Spring	8, 14	548	6409							6409					6406
Camarillo	4, 14	HU-2	2482		4002	9297	9298	9296	9290	4117	9198				4000
Cambria	4	WA-7	4239	4239	4444					0710		4444	4698		LI 3-0015
Carpinteria	4, 14	684	1684	1684	0002	9297	9298	9296	9290	1117	9198				0000
Cayucos	4	WY-5	3950	3950	3890					0710		3890	3598		LI 3-0015
Cuyama	9, 14	SO-6	2200												
Earlimart	4	VI-9	2518	2518						2448					Delano-2501
Edwards	4	CL-8	4258	9910	5000	4049				9910					4011
Fellows	10, 14	RO-8													
Fillmore			Fillmore Toll Center												

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-N
NPA 805, Page 1
Revised: 7-1-62 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Auto Supv.	Loop Around No. 1	Loop Around No. 2	Analysis Center	Attended Switchrm.
Antelope	4, 14	WH-6	1946	1117	0002	9297	9298	9296	9290	1117					
Arroyo Grande	4	489	5969	5969	2444					0710		2444	2777		543-0015
Arvin	4	774	2611	2611		2929			2928	9910		5600	5666		2349
Atascadero	6	466	1466	0022	0020	0049		0048	0047	0710		0044	0045		0015
Bakersfield-Main	4	322	3354	3354	0000	0049		0048	0047	0710					327-6326
"	"	4	323	0181	0181	0000	0349			0710					327-6326
"	"	4	324	0341	0341	0000	0549			0710					327-6326
"	"	4	325	2867	2867	0000	4049			0710					327-6326
"	"	4	327	0092	0092	0000	1840			0710					6326
Bakersfield-Empire	4	EM-6	7800	7800	8029	3129		3128	3127	9910					8126
"	-Export	4	EX-9	0040	0022	0020	9743		9741	0710					327-6292
"	-Temple	6	TE-1	0500	0022	0020	0049	0048	0047	0710				327-6416	0011
"	-Thornwall	4	TH-5	0050	0050	0020	0745	0744	0743	0710					0025
Bradley	4	472	2390		2331							2295	2250		238-0015
Buttonwillow	1, 10, 14	PO-4	5224												
Beale A.F.B.	4, 12	634	2997	3666	3189	3555		3222	3333			3189	3444		2211
Calif. Hot Spring	8, 14	548	6409							6409					6406
Camarillo	4, 14	HU-2	2482		4002	9297	9298	9296	9290	4117	9198				4000
Cambria	4	WA-7	4239	4239	4444					0710		4444	4698		LI 3-0015
Carpinteria	4, 14	684	1684	1684	0002	9297	9298	9296	9290	1117	9198				0000
Cayucos	4	WY-5	3950	3950	3890					0710		3890	3598		LI 3-0015
Cuyama	9, 14	SO-6	2200												
Delano	2, 4				9500					9910		9500	9800		Delano-2506 ←
Earlimart	4	VI-9	2518	2518	2506					2448		2506	2584		Delano-2506 ←
Edwards	4	CL-8	4258	9910	5000	4049				9910					4011
Fellows	10, 14	RO-8													
Fillmore			Fillmore Toll Center												

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-N
NPA 805, Page 1
Revised: 3-1-63 ←

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-N
 NPA 805, Page 2
 Revised: 3-15-62 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Auto Supv.	Loop Around No. 1	Loop Around No. 2	Analysis Center	Attended Switchrm.
Glenville	8, 14	536	8309							8309					8306
Goleta	4, 14	WO-7	1967		0002	9297	9298		9290						0000
Guadalupe	14														
Lake Hughes	14														
Lancaster	4, 14	WH-2	0000		0002	9297	9298	9296	9290						
"	4, 14	WH-8	4000			9297	9298	9296	9290						
Lebec-Main	4	248	6210	9910						9910		6744	6745		744-2349 ←
" -West	4	245	3448	2448						2448		3488	3489		774-2349 ←
Lompoc-Main	4, 14	RE-6	1736	1117	0002	9297	9298	9296		1900					1000
" -Surf	4, 14	RE-4	2900			2002				2099					2000
Los Almos	14		Los Almos Toll Center												
Maricopa	10, 14	RO-9													
McKittrick	10, 14	PO-2													
Mojave	4	VA-4	2824	9910	2020					9910					2011
Montalvo	4	MI-2	1642	1642	1002	1997	1998		1990	1117	1968				0009
Montecito	4, 14	WO-9	9911		5002					9911					2256
Moorpark	4	529	1529	1529	0002	1197	1198			1117					1165 ←
Morro Bay	4	SP-2	8104	8104						0710					LI 3-0015
Newhall	6	259	1259	1259	0002	4297	4298	4296	4290	1117	9198	1118	1119	0000	0000
Nipomo	4	WA-9	3973	3973	3297					3973		3297	3698		LI 3-0015
Oakview		MI-9	1649	1649	1702	1697	1698	1696	1690	1117	1598				2500
Ojai	4	MI-6	1646	1646	0002	9297	9298			1117	9198				0000

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850

Attachment 1-N

NPA 805, Page 2

Revised: 10-1-62 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Auto Supv.	Loop Around No. 1	Loop Around No. 2	Analysis Center	Attended Switchrm.
Glenville	8, 14	536	8309							8309					8306
Goleta	4, 14	WO-7	1967		0002	9297	9298		9290						0000
Guadalupe	14														
Lake Hughes	14														
Lancaster	4, 14	WH-2	0000		0002	9297	9298	9296	9290						
"	4, 14	WH-8	4000			9297	9298	9296	9290						
Lebec-Main	4	248	6210	9910						9910		6744	6745		744-2349
" -West	4	245	3448	2448						2448		3488	3489		774-2349
Lompoc-Main	4, 14	RE-6	1736	1117	0002	9297	9298	9296		1900					1000
" -Surf	4, 14	RE-4	2900		2002					2099					2000
Los Almos	14		Los Almos Toll Center												
Maricopa	10, 14	RO-9													
McKittrick	10, 14	PO-2													
Mojave	4	VA-4	2824	9910	2020					9910					2011
Montalvo	4	MI-2	1642	1642	1002	1997	1998		1990	1117	1968				0009
Montecito	4, 14	WO-9	9911		5002					9911					2256
Moorpark	4	529	1529	1529	0002	1197	1198			1117					1165
Morro Bay	4	SP-2	8104	8104						0710					LI 3-0015
Newhall	6	259	1259	1259	0002	4297	4298	4296	4290	1117	9198	1118	1119	0000	0000
Nipomo	4	WA-9	3973	3973	3297					3973		3297	3698		LI 3-0015
Oakview	4	MI-9	1649	1649	1702	9297	9298	9296	9290	1117	9198				MI 6-0000 ←
Ojai	4	MI-6	1646	1646	0002	9297	9298			1117	9198				0000

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Auto Supv.	Loop Around No. 1	Loop Around No. 2	Analysis Center	Attended Switchrm.
Orcutt	4, 14	WA-3			2002										WA 5-2735
Oxnard	4, 14	HU-3	1485		0002	9296	9297	9296	9290	7117					0000
"	4, 14	HU-6	1485		0002	9296	9297	9296	9290						HU 3-0000
Pearblossom	4	WI-4	1944	1944	1002	1116	1127	1146	1135	1117		1118	1119	WI 7-0000	WI 7-0000
Palmdale	4	WI-7	1947	1947	0002	9297	9298		9290	1117	9198	1118	1119		WI 7-0000
Paso Robles	4	238	1239	0022	0020		0047	0048	0049	0710		0044	0045		0015
Piru			Fillmore Toll Center												
Pismo Beach	4	PR-3	4444	4444	2079					0710		2079	4479		LI 3-0015
Quartz Hill	4, 14	WH-3	3000		3002	9297	9298		9290						
Rosamond	4	BL-6	2398	2398						2398					VA 4-2011
San Luis Obispo	3, 6	LI-3	5559	0022	0020					0710					0015
" " "	3, 6	LI-4	0544	0022	0020					0710					0015
S.L.O. Avila Bch	4	595	2309	2309	2398							2398	2096		LI 3-0015
" Baywood Pk	8	528	1890	1890											LI 3-0015 ←
San Miguel	8, 14	HO-7								3299					
Santa Barbara	4, 14	WO-2	2399												WO 6-0337
" "	4, 14	WO-3	2399												WO 6-0337
" "	4, 14	WO-4	2399												WO 6-0337
" "	4, 14	WO-5	2399	9298	1111										WO 6-0337
" "	4, 14	WO-6	2399												0337
Santa Margarita	4	438	5701	5701						9910					238-0001
Santa Maria	4, 14	WA-5	9299		1111										2735
Santa Paula	4, 14	JA-5	3525	3525	3002	9297	9298	9296	9290	3117					

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.

2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company

3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.

4. SXS Equip. 8. XY Equip. 12. PBX 16.

TCF Library - <http://www.telephonecollectors.info/>

SECTION A199.850

Attachment 1-N

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Revised: 3-15-62 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Auto Supv.	Loop Around No. 1	Loop Around No. 2	Analysis Center	Attended Switchrm.
Orcutt	4, 14	WA-3			2002										WA 5-2735
Oxnard	4, 14	HU-3	1485		0002	9296	9297	9296	9290	7117					0000
"	4, 14	HU-6	1485		0002	9296	9297	9296	9290						HU 3-0000
Pearblossom	4	WI-4	1944	1944	1002	1116	1127	1146	1135	1117		1118	1119	WI 7-0000	WI 7-0000
Palmdale	4	WI-7	1947	1947	0002	9297	9298		9290	1117	9198	1118	1119		WI 7-0000
Paso Robles	4	238	1239	0022	0020		0047	0048	0049	0710		0044	0045		0015
Piru			Fillmore Toll Center												
Pismo Beach	4	773	4444	4444	2079					0710		2079	4479		543-0015 ←
Quartz Hill	4, 14	WH-3	3000		3002	9297	9298		9290						
Rosamond	4	BL-6	2398	2398						2398					VA 4-2011
San Luis Obispo	3, 6	LI-3	5559	0022	0020					0710					0015
" " "	3, 6	LI-4	0544	0022	0020					0710					0015
S.L.O.Avila Bch	4	595	2309	2309	2398							2398	2096		LI 3-0015
" Baywood Pk	8	528	1890	1890											LI 3-0015
San Miguel	8, 14	HO-7								3299					
Santa Barbara	4, 14	WO-2	2399												WO 6-0337
" "	4, 14	WO-3	2399												WO 6-0337
" "	4, 14	WO-4	2399												WO 6-0337
" "	4, 14	WO-5	2399	9298	1111										WO 6-0337
" "	4, 14	WO-6	2399												0337
" "	4, 14	968	1999		1968										←
Santa Margarita	4	438	5701	5701						9910					238-0001
Santa Maria	4, 14	WA-5	9299		1111										2735
Santa Paula	4, 14	JA-5	3525	3525	3002	9297	9298	9296	9290	3117					

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-N
 NPA 805, Page 4
 Revised: 7-1-62 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm Bal. No. 1	900 Ohm Bal. No. 2	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Auto Supv.	Loop Around No. 1	Loop Around No. 2	Analysis Center	Attended Switchrm.
Santa Ynez	14														
Saticoy	4	MI-7	1647	1647	1160	1109	1100		1702	1117					
Shafter	4	PI-6	2500	2500						9910					2456
Simi	4	FI-6	1346	1346	1002	1977	1978			1117	1160	1118	1119		2424
Surf	4, 14	RE-4	2924	2099	2002					2099					2000
Taft	1, 9, 14	RO-3	3150												
"	9, 14	RO-5	2387	2387						2448					
Tehachapi	4	TA-2	3057	3057						9910					VA 4-2011
Thousand Oaks	4, 14	HU-5	2485	3117	3002	9297	9298	9296	9290	3117					3000
Vandenberg A.F.B.	4, 14	RE-4	2924	2099	2002					2099					2000
Ventura	4	643	1643	1643	0002	9297	9298	9296	9290	1117	9198				0000 ←
"	4	648	1648	1648	9002	9297	9298	9296	9290	1117	4898				643-0000 ←
Wasco	4	PL-8	2185	2185						9910					6866

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850

Attachment 1-N

NPA 805, Page 4

Revised: 3-1-63 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900	900	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Auto Supv.	Loop Around No. 1	Loop Around No. 2	Analysis Center	Attended Switchrm.
						Ohm Bal. No. 1	Ohm Bal. No. 2								
Santa Ynez	14														
Saticoy	4	MI-7	1647	1647	1160	1109	1100		1702	1117					
Shafter	4	PI-6	2500	2500						9910					2456
Simi	4	FI-6	1346	1346	1002	1977	1978			1117	1160	1118	1119		2424
Surf	4, 14	RE-4	2924	2099	2002					2099					2000
Taft	1, 9, 14	RO-3	3150												
"	9, 14	RO-5	2387	2387						2448					
Tehachapi	4	TA-2	3057	3057	3800					9910					VA 4-2011 ←
Thousand Oaks	4, 14	HU-5	2485	3117	3002	9297	9298	9296	9290	3117					3000
Vandenberg A.F.B.	4, 14	RE-4	2924	2099	2002					2099					2000
Ventura	4	643	1643	1643	0002	9297	9298	9296	9290	1117	9198				0000
"	4	648	1648	1648	9002	9297	9298	9296	9290	1117	4898				643-0000
Walker Basin	10	867	2631												
Wasco	4	PL-8	2185	2185						9910					6866

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Alleghany	4	AT-7	3498				3222			273-3311
Alpaugh	8, 14	949	8309				8309			
Alta	4	389	2511		2233		2522	2233	2535	2351 ←
Anderson	4	EM-5	8444	8610	2187		8444			2561
Arvin	4	SP-4	2611	2611			9910			2349
Auburn	4	TU-5	9122	9122			0122			4411
Bangor-Rackerby	4	OR-9	2461	2461			2461			LE 3-0011
Biggs	4	UN-8	5972	5972			5972			LE 3-0011
Blairsden	4	VE-6	2550	9910			9910			TE 2-4251
Brockway	4	LI-6	3222	3332			3222			JU 3-3531 ←
Butte City	4	YU-2	2160	2160			2160			WE 4-3311
Camptonville	4	AV-8	3289	3289			3222			273-3311
Challenge	4, 13	OR-5	2448	2442			2448			LE 3-0011
Chico	4	FI-2	0710	0021	0020		0710			0011
"	4	FI-3	0253	0253			0253			FI 2-0011
Colfax	1, 9, 14	DI-6	2600							
Colusa	1, 8, 14	GL-8	2290							
Corning	4	TA-4	7720	7720			7720			LA 7-0011
Cottonwood	8	FI-7	3176	3176			3176			EM 5-2561
Davis	4	SK-3	5111	3000	4420		5111			3320
Dixon	4	OS-8	2052	2052			2052			HA 5-2911
Dorris	1, 8, 14	EX-7	2211							
Downieville	4	BU-9	3580	3580			3222			273-3311
Dunsmuir	4	CE-5	2910	2910			2910			4877

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

TCF Library - <http://www.telephonecollectors.info/>

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Alleghany	4	AT-7	3498						3222			273-3311
Alpaugh	8, 14	949	8309						8309			
Alpine	4, 14			Gardnerville Toll Center								
Alta	4	389	2511		2233				2522	2233	2535	2351
Anderson	4	EM-5	8444	8610	2187				8444			2561
Arvin	4	SP-4	2611	2611					9910			2349
Auburn	4	885	9122	9122	9111				0122			4411 ←
" Placer Hills	6	878	0093	0022	0020	0049	0048	0047	0710			885-4411 ←
Bangor-Rackerby	4	OR-9	2461	2461					2461			LE 3-0011
Biggs	4	UN-8	5972	5972					5972			LE 3-0011
Blairsdan	4	VE-6	2550	9910					9910			TE 2-4251
Brockway	4	LI-6	3222	3332	2493				3222	2493	2763	JU 3-3531 ←
Burney	8, 14	335	2251									
Butte City	4	YU-2	2160	2160					2160			WE 4-3311
Camptonville	4	AV-8	3289	3289					3222			273-3311
Challenge	4, 13	OR-5	2448	2442					2448			LE 3-0011
Chico	4	FI-2	0710	0021	0020				0710			0011
"	4	FI-3	0253	0253					0253			FI 2-0011
Colfax	1, 9, 14	DI-6	2600									
Colusa	1, 8, 14	GL-8	2290									
Corning	4	TA-4	7720	7720					7720			LA 7-0011
Cottonwood	8	FI-7	3176	3176					3176	3197	3195	EM 5-2561
Davis	4	SK-3	5111	3000	4420				5111			3320
Dixon	4	OS-8	2052	2052	2221				2052	5605	5606	HA 5-2911 ←
Dorris	1, 8, 14	EX-7	2211									
Downieville	4	BU-9	3580	3580					3222			273-3311
Dunsmuir	4	CE-5	2910	2910					2910			4877

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-P
NPA 916, Page 1
Revised: 3-1-63 ←

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
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 4. SXS Equip. 8. XY Equip. 12. PBX 16.

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Earlimart	4	VI-9	2518	2518			2448			Delano-2501
Elk Creek	4	YO-8	5360	5360			5360			WE 4-3311
Elk Grove	1, 8, 14	MU-5	9511							
Esparto	4	ST-7	3500	3500			3500			MO 2-8697
Etna	8, 14	IN-7	2209				2209			
Fair Oaks	4	YO-7	6100	6100	0020		0710			0011
Folsom-Main	4	YU-5	2100	2100			2100			2732
" -Yukon	8	YU-8	1157	1157			1157			YU 5-2732
Foresthill	1, 14	FO-7	2222							
Fort Jones	1, 8, 14	HO-8					2209			
French Gulch	8	FL-9	2298	2298			2298			CH 1-0011
Georgetown	4	FE-3	4633	4633			4633			NA 2-0011
Gazelle	4	435	2200	2200	2270	2340		2280	2380	VI 2-4149 ←
Gerber	4	385	1360	1369			1390			LA 7-0011
Grass Valley	4	273	7700	3222			8110			3311
Hamburg	8, 14	HY-6					2209			
Happy Camp	8, 14	GY-3					2209			
Hayfork	8, 14	MA-8					5290			
Homewood	4, 13	LA-5	7500	7809			7500			JU 3-3531
Hoopa	8, 14	NA-5	4290							
Hornbrook	4	GR-5	3461	3461			3461			VI 2-4149 ←
Knights Landing	1, 8, 14	RE-5	6220							

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
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SECTION A199.850
 Attachment 1-P
 NPA 916, Page 2
 Revised: 3-1-63 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Earlimart	4	VI-9	2518	2518			2448			Delano-2501
Elk Creek	4	YO-8	5360	5360			5360			WE 4-3311
Elk Grove	1, 8, 14	MU-5	9511							
Esparto	4	ST-7	3500	3500			3500			MO 2-8697
Etna	8, 14	IN-7	2209				2209			
Fair Oaks	4	YO-7	6100	6100	0020		0710			0011
Fall River Mills	11, 14	336	2041							
Folsom-Main	4	YU-5	2100	2100			2100			2732
" -Yukon	8	YU-8	1157	1157			1157			YU 5-2732
Foresthill	1, 14	FO-7	2222							
Fort Jones	1, 8, 14	HO-8					2209			
French Gulch	8	FL-9	2298	2298			2298			CH 1-0011
Georgetown	4	FE-3	4633	4633			4633			NA 2-0011
Gazelle	4	435	2200	2200	2270	2340		2280	2380	VI 2-4149
Gerber	4	385	1360	1369			1390			LA 7-0011
Grass Valley	4	273	7700	3222			8110			3311
Hamburg	8, 14	HY-6					2209			
Happy Camp	8, 14	GY-3					2209			
Hayfork	8, 14	MA-8					5290			
Homewood	4, 13	LA-5	7500	7809			7500			JU 3-3531
Hoopa	8, 14	NA-5	4290							
Hornbrook	4	GR-5	3461	3461			3461			VI 2-4149
Ione	4	CR-4	2111	2111	2390		2111	2390	2480	Jackson-1155 ←
Knights Landing	1, 8, 14	RE-5	6220							

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Lewiston	4	SP-8	3819	3819			3819			JH 1-0011
Lincoln	4, 13	MI-5	8888	3600	2544		8888	2544	3655	TU 5-4411
Live Oak	4	OX-5	2221	2221			2221			2993
Loomis	4	OL-2	7506	7506			7506			TU 5-4411
Los Molinos	4	FU-4	2619	2619			2619			LA 7-0011
Loyalton	4	WY-3	4347	4347			4347			TE 2-4251
Marysville-Main	4	SH-2	1234	1234	2000		1234			1115
"	"	4	SH-3	4610	4610	3000	4610			SH 2-1115
"	"	4	673	4610	4610	3000	4610			742-1115 ←
"	-East	4	ST-8	0777	0777		0777			SH 2-1115
"	-West	4	PL-5	0080	0080		0080			SH 2-1115
McCloud	3, 9, 14	964	2788	2788	2798		2799			2115
McKittrick	1, 10, 14	PO-2	4001							
Meridan	4	MY-6	2444	2444			2444			2641
Montague	4	GL-9	3290	3290			3290			VI 2-4149 ←
Mount Shasta	4	WA-6	2432	2432			2432			CE 5-4877
Nevada City	4	265	2990	2222	2020		2110			4111
Newcastle	4	NO-3	3055	3055			3055			TU 5-4411
North San Juan	4	AX-2	3400	3400			3222			273-3311
Orland	4	UN-5	3271	3271	3910		3271			UN 5-3251
Oroville	6	LE-3	0989	0022	0020		0710			0011
Paradise	4	TR-7	4789	4789	2000		4789			FI 2-0011 ←
Paskenta	4	TE-3	5350	5506			5350			LA 7-0011

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-P
NPA 916, Page 3
Revised: 7-1-62 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Lewiston	4	SP-8	3819	3819	3797		3819	3797	3796	CH 1-0011 ←
Lincoln	4, 13	MI-5	8888	3600	2544		8888	2544	3655	TU 5-4411
Live Oak	4	OX-5	2221	2221	2000		2221	2000	2111	2993 ←
Loomis	4	OL-2	7506	7506	6111		7506	6111	6222	885-4411 ←
Los Molinos	4	FU-4	2619	2619			2619			LA 7-0011
Loyalton	4	WY-3	4347	4347			4347			TE 2-4251
Marysville-Main	4	SH-2	1234	1234	2000		1234			1115
"	"	SH-3	4610	4610	3000		4610			SH 2-1115
"	"	673	4610	4610	3000		4610			742-1115
"	-East	ST-8	0777	0777			0777			SH 2-1115
"	-West	PL-5	0080	0080			0080			SH 2-1115
	-Tri 8	673	7333				7177			7011 ←
	-Tri 9	673	7777				7710			7011 ←
McCloud	3, 9, 14	964	2788	2788	2798		2799			2115
McKittrick	1, 10, 14	PO-2	4001							
Meridan	4	MY-6	2444	2444			2444			2641
Montague	4	GL-9	3290	3290			3290			VI 2-4149
Montgomery Creek	11, 14	337	4041							
Mount Shasta	4	WA-6	2432	2432			2432			CE 5-4877
Nevada City	4	265	2990	2222	2020		2110			4111
Newcastle	4	NO-3	3055	3055			3055			TU 5-4411
North San Juan	4	AX-2	3400	3400			3222			273-3311
Orland	4	UN-5	3271	3271	3910		3271			UN 5-3251
Oroville	6	LE-3	0989	0022	0020		0710			0011
"	6	534	0534	0022	0020		0710			0011
Paradise	4	TR-7	4789	4789	2000		4789			FI 2-0011
Paskenta	4	TE-3	5350	5506			5350			LA 7-0011

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
Attachment 1-P
NPA 916, Page 3

Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-P
 NPA 916, Page 4
 Revised: 3-15-62 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. B	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Placerville-Main	6	NA-2	0909	0022	0020				0710			0011
" -Niagara	4	NA-4	1919	1919	2000				1919			NA 2-0011
Planada	4	FU-2	0023	0023					9910			RA 2-3303
Portola	4	TE-2	4654	4654					9910			TE 2-4251
Red Bluff	3, 6	LA-7	1527	0022	0020				0710			0011
Redding-Main	3, 6	CH-1	3190	0022	0020				0710			0011
" "	3, 6	CH-3	0289	0022	0020				0710			0011
"-Crestwood	4	CR-5	1250	1250	1150				1250			1516
Richvale	4, 13	TU-2	4350	4207					4350			LE 3-0011
Rio Linda	4	WY-1	2442	2442								1616
Robbins	1, 8, 14	RE-8	4811									
Rocklin	4	MA-4	2220	2220								
Roseville-Main	9, 14	SU-2	4599						4599			
" "	9, 14	SU-3	7099						7099			
"-Parkview	9, 14	PA-5	5399						5399			
Sacramento-Edgewood	6	ED-2	0091	0022	0020				0710			0011
" -Empire	4	EM-2	1362	1022	1020				1710			EM 3-2621
" -Empire	4	EM-3	1363	0022	0020				0710			2621
" -Frontier	6	FR-1	0095	0022	0020	0049	0048	0047	0710			0011 ←
" -Garden	3, 6	GA-1	0076	0022	0020	0049	0048	0047	0710			0011 ←
" "	3, 6	GA-8	0090	0022	0020	0049	0048	0047	0710	0045	0044	0011 ←

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Placerville-Main	6	NA-2	0909	0022	0020				0710			0011
" -Niagara	4	NA-4	1919	1919	2000				1919			NA 2-0011
Portola	4	TE-2	4654	4654	4632				9910	5277	5045	TE 2-4251 ←
Red Bluff	3, 6	LA-7	1527	0022	0020				0710			0011
Redding-Main	3, 6	CH-1	3190	0022	0020				0710			0011
" "	3, 6	CH-3	0289	0022	0020	0049	0048	0047	0710	0044	0045	0011
"-Crestwood	4	CR-5	1250	1250	1150	3085	3120	3030	1250			1516
Richvale	4, 13	TU-2	4350	4207					4350			LE 3-0011
Rio Linda	4	WY-1	2442	2442								1616
Robbins	1, 8, 14	RE-8	4811									
Rocklin	4	MA-4	2220	2220								
Roseville-Main	9, 14	SU-2	4599						4599			
" "	9, 14	SU-3	7099						7099			
"-Parkview	9, 14	PA-5	5399						5399			
Sacramento-Edgewood	6	ED-2	0091	0022	0020				0710			0011
" -Empire	4	EM-2	1362	1022	1020				1710			EM 3-2621
" -Empire	4	EM-3	1363	0022	0020				0710			2621
" -Frontier	6	FR-1	0095	0022	0020	0049	0048	0047	0710			0011
" -Garden	3, 6	GA-1	0076	0022	0020	0049	0048	0047	0710			0011
" "	3, 6	GA-8	0090	0022	0020	0049	0048	0047	0710	0045	0044	0011

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Attended Switchrm.
Sacramento-Main	4, 13	GI-1	0359	2345	0020				0359	GI 3-0311
"	" 4	GI-2	2829	2829	0020				2829	GI 3-0311
"	" 4	GI-3	2807	2807					2807	0311
"	" 4, 13	GI-8	2898	1975	0020				2898	GI 3-0311
"	" 6	HI-4	6299	0022	0020	0049	0048	0047	0710	0015
"	" 6	HI-5	6299	0022	0020	0049	0048	0047	0710	0015
"	" 4, 13	HI-6	0359	2345					0359	GI 3-0311
"	" 4, 13	HI-7	2898	1975	0020				2898	GI 3-0311
Sacramento-Gladstone	4	451	0882	0022	0020	0049		0027	0710	452-0011 ←
"	" 4	452	2850	0022	0020	0046		0007	0710	0011 ←
"	" 4	455	1455	0022	0020	0036		0006	0710	452-0011
"	" 4	456	2855	0022	0020	0077		0007	0710	452-0011
"	" 4	457	2840	0022	0020	0066		0037	0710	452-0011
Sacramento-Ivanhoe	6	482	0900	0022	0020	0049			0710	0011 ←
"	" 4	483	0992	1111	0020	0278	0152	0022	0710	489-3649 ←
"	" 4	487	2817	1111	0020	0607	0300	0225	0710	489-3649 ←
"	" 4	489	2866	1111	0020	0049	0076	0047	0710	3649 ←
" -Wabash	4	WA-2	2877	2877	0020				2877	GI 3-0528
"	" 4	WA-5	2888	2888	0020				2888	GI 3-0528
Shafter	4	PI-6	2500	2500					9910	2456
Sierraville	4	WY-4	3333	3354					3354	TE 2-4251
Soda Springs	4	GA-6	3404	3404					9910	JU 3-3531
South Tahoe	4	KI-4	2800	2800					2800	2526
Stonyford	4	WO-3	3089	3089					3089	WE 4-3311

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Loop Around No. 1	Loop Around No. 2	Attended Switchrm.
Sacramento-Main	4, 13	GI-1	0359	2345	0020				0359			GI 3-0311
"	" 4	GI-2	2829	2829	0020				2829			GI 3-0311
"	" 4	GI-3	2807	2807					2807			0311
"	" 4, 13	GI-8	2898	1975	0020				2898			GI 3-0311
"	" 6	HI-4	6299	0022	0020	0049	0048	0047	0710			0015
"	" 6	HI-5	6299	0022	0020	0049	0048	0047	0710			0015
"	" 4, 13	HI-6	0359	2345					0359			GI 3-0311
"	" 4, 13	HI-7	2898	1975	0020				2898			GI 3-0311
Sacramento-Gladstone	4	451	0882	0022	0020	0049		0027	0710			452-0011
"	" 4	452	2850	0022	0020	0046		0007	0710			0011
"	" 4	455	1455	0022	0020	0036		0006	0710			452-0011
"	" 4	456	2855	0022	0020	0077		0007	0710			452-0011
"	" 4	457	2840	0022	0020	0066		0037	0710			452-0011
"	County 4	454	2351	2105	2000	2903	2230	2335	2550	2630	2754	2900 ←
Sacramento-Ivanhoe	6	482	0900	0022	0020	0049			0710			0011
"	" 4	483	0992	1111	0020	0278	0152	0022	0710			489-3649
"	" 4	487	2817	1111	0020	0607	0300	0225	0710			489-3649
"	" 4	489	2866	1111	0020	0049	0076	0047	0710			3649
"	-Wabash 4	WA-2	2877	2877	0020				2877			GI 3-0528
"	" 4	WA-5	2888	2888	0020				2888			GI 3-0528
Shafter	4	PI-6	2500	2500					9910			2456
Sierraville	4	WY-4	3333	3354					3354			TE 2-4251
Shingle Springs	4	677	2093									
Smartsville	4	639	2256		2244	2249	2248	2247	2333	2244	2245	2211 ←
Soda Springs	4	GA-6	3404	3404					9910			JU 3-3531
South Tahoe	4	KI-4	3333	2800	2345				3333	2000	3300	4000 ←
Stonyford	4	WO-3	3089	3089					3089			WE 4-3311
Sutter Creek	4	CO-7	5991	5991					5991			Jackson-1155 ←

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
4. SXS Equip. 8. XY Equip. 12. PBX 16.

- Notes: 1. Verbal Answer 5. IXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-P
 NPA 916, Page 6
 Revised: 7-1-62 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Attended Switchrm.
Tahoe City-Main	4	JU-3	3222	3222	3520	4165	4109	4108	3222	3531
" -Olympic	8	OL-4	3656	3656	3520	4165	4109	4108	3656	3531
Tehachapi	4	TA-2	3057	3057					9910	VA 4-2011
Truckee	4	LU-7	3600	3600					9910	JU 3-3531
Wasco	4	PL-8	2185	2185					9910	6866
Weaverville	1, 8, 14	MA-3	4391							
Weed	4	YE-8	4384	2071					4384	CE 5-4877
Wheatland	4	NE-3	2555	2600					2555	2724
Willow Creek	1, 8, 14	MA-9	2901							
Willows	4	WE-4	4573	4573	4019				4573	3311
Winters	4	SY-5	4400	2500					4400	SK 3-3320
Woodland	4	662	8740	8740	2222	1000			8740	8697 ←
Yreka	3, 4	VI-2	3295	3295	3200				3295	4149 ←

Notes: 1. Verbal Answer 5. DXB Equip. 9. A.E.S. Equip. 13. Two Calls Required For Ans. Supv.
 2. Not 2L-5N 6. 5 X B Equip. 10. N.E. Equip. 14. Independent Company
 3. Via Net Loss 7. Panel Equip. 11. Kellog Equip. 15.
 4. SXS Equip. 8. XY Equip. 12. PBX 16.

SECTION A199.850
 Attachment 1-P
 NPA 916, Page 6
 Revised: 10-1-62 ←

City-Exchange	Note	Pref. or Code	Route Verify	Charge Verify	1MW 1000 Cycle	900 Ohm. Bal.	Open Ckt. Bal.	Short Ckt. Bal.	Inc. Trk. T.L.	Attended Switchrm.
Tahoe City-Main	4	JU-3	3222	3222	3520	4165	4109	4108	3222	3531
" -Olympic	8	OL-4	3656	3656	3520	4165	4109	4108	3656	3531
Tehachapi	4	TA-2	3057	3057					9910	VA 4-2011
Truckee	4	LU-7	3600	3600					9910	JU 3-3531
Wasco	4	PL-8	2185	2185					9910	6866
Weaverville	1, 8, 14	MA-3	4391							
Weed	4	YE-8	4384	2071					4384	CE 5-4877
Wheatland	4	NE-3	2555	2600					2555	2724
Willow Creek	1, 8, 14	MA-9	2901							
Williams	9, 14	473	2499							
Willows	4	WE-4	4573	4573	4019				4573	3311
Winters	4	SY-5	4400	2500					4400	SK 3-3320
Woodland	4	662	8740	8740	2222	1000			8740	8697
Yreka	3, 4	VI-2	3295	3295	3200				3295	4149

TEST NUMBER DIRECTORY
Test Numbers in Foreign Areas

<u>NPA</u>	<u>Test Number</u>	<u>Signal</u>	<u>Special Information</u>
201	MA 4-9901	Operator Answered	Co. PBX - Newark, N. J.
202	ME 7-9900	"	Co. PBX - Washington, D. C.
203	MA 4-9221	"	Co. PBX - New Haven, Conn.
204	WH 6-6511	"	Co. PBX - Winnipeg, Man., Canada
205	AL 1-0261	Short & Long Tones	*Birmingham, Ala.
206	ES 3-3333	"	*Bremerton, Wash.
207	SP 2-3456	"	*Portland, Me.
208	JA 2-0200	Operator Answered	Idaho Falls, Idaho
209	AD 7-0109	Short & Long Tones	*Fresno, Calif.
212	WE 6-1212	N. Y. Weather	New York City, N. Y.
213	MA 5-8162	Short & Long Tones	Los Angeles, Calif.
214	TA 6-2291	Testboard	Dallas, Tex.
215	MI 2-0082	Low & High Tones	Wayne, Pa.
216	MA 2-9900	Operator Answered	Co. PBX - Cleveland, Ohio
217	AD 4-9911	"	Co. PBX - Mattoon, Ill.
218	RA 2-1611	Short & Long Tones	*Duluth, Minn.
219	AT 9-9201	Operator Answered	Co. PBX - So. Bend, Ind.
301	LE 9-9900	"	Co. PBX - Baltimore, Md.
302	OL 5-4439	Testboard	Wilmington, Del.
303	GE 3-0030	Short & Long Tones	*Denver, Colo.
304	DA 7-9898	"	*Blue Field, W. Va.
305	EL 4-3550	"	*Jacksonville, Fla.
306	LA 3-0611	Operator Answered	Co. PBX - Regina, Sask., Canada
307	634-2792	" "	Co. PBX - Cheyenne, Wyoming ←
308	382-1600	" "	Co. PBX - Grand Island, Nebr. ←
309	DR 5-6398	Short Tones + 5 Sec. Int.	Wataga, Ill.
312	FA 4-8255	Short & Long Tones	*Chicago, Ill.
313	FA 1-1212	"	*Detroit, Mich.
314	MA 1-0557	"	*St. Louis, Mo.
315	GR 8-3089	"	*Syracuse, N. Y.
316	FO 3-9211	Operator Answered	Co. PBX - Wichita, Kan.
317	ME 5-9811	" "	Co. PBX - Indianapolis, Ind.
318	EM 9-9011	" "	Co. PBX - New Iberia, La. ←
319	322-4481	" "	Co. PBX - Davenport, Iowa ←
401	EL 1-9985	Maintenance Center	Providence, R. I.
402	341-6000	Operator Answered	Co. PBX - Omaha, Nebr. ←
403	FA 8-2610	Testboard	Lethbridge, Alta., Canada
404	JA 2-8550	Time of Day	Atlanta, Ga.
405	RE 6-0561	"	Oklahoma City, Okla.
406	543-6601	Operator Answered	Co. PBX - Missoula, Mont. ←
408	CY 2-0022	Short & Long Tones	San Jose, Calif.
411	DU 5-9101	"	Tiajuana, Mexico
412	OL 2-2310	"	*New Castle, Pa.
413	RE 2-0000	"	*Springfield, Mass.

*Hold until completion of first long tone or 15 sec.

TEST NUMBER DIRECTORY
Test Numbers in Foreign Areas

<u>NPA</u>	<u>Test Number</u>	<u>Signal</u>	<u>Special Information</u>
201	MA 4-9901	Operator Answered	Co. PBX - Newark, N. J.
202	ME 7-9900	"	Co. PBX - Washington, D. C.
203	MA 4-9221	"	Co. PBX - New Haven, Conn.
204	WH 6-6511	"	Co. PBX - Winnipeg, Man., Canada
205	AL 1-0261	Short & Long Tones	*Birmingham, Ala.
206	ES 3-3333	"	*Bremerton, Wash.
207	SP 2-3456	"	*Portland, Me.
208	JA 2-0200	Operator Answered	Idaho Falls, Idaho
209	AD 7-0109	Short & Long Tones	*Fresno, Calif.
212	WE 6-1212	N. Y. Weather	New York City, N. Y.
213	MA 5-8162	Short & Long Tones	Los Angeles, Calif.
214	TA 6-2291	Testboard	Dallas, Tex.
215	MI 2-0082	Low & High Tones	Wayne, Pa.
216	MA 2-9900	Operator Answered	Co. PBX - Cleveland, Ohio
217	AD 4-9911	"	Co. PBX - Mattoon, Ill.
218	RA 2-1611	Short & Long Tones	*Duluth, Minn.
219	AT 9-9201	Operator Answered	Co. PBX - So. Bend, Ind.
301	LE 9-9900	"	Co. PBX - Baltimore, Md.
302	OL 5-4439	Testboard	Wilmington, Del.
303	GE 3-0030	Short & Long Tones	*Denver, Colo.
304	DA 7-9898	"	*Blue Field, W. Va.
305	EL 4-3550	"	*Jacksonville, Fla.
306	LA 3-0611	Operator Answered	Co. PBX - Regina, Sask., Canada
307	634-2792	" "	Co. PBX - Cheyenne, Wyoming
308	382-1600	" "	Co. PBX - Grand Island, Nebr.
309	DR 5-6398	Short Tones + 5 Sec. Int.	Wataga, Ill.
312	FA 4-8255	Short & Long Tones	*Chicago, Ill.
313	FA 1-1212	"	*Detroit, Mich.
314	MA 1-0557	"	*St. Louis, Mo.
315	GR 8-3089	"	*Syracuse, N. Y.
316	FO 3-9211	Operator Answered	Co. PBX - Wichita, Kan.
317	ME 5-9811	" "	Co. PBX - Indianapolis, Ind.
318	EM 9-9011	" "	Co. PBX - New Iberia, La.
319	322-4481	" "	Co. PBX - Davenport, Iowa
401	EL 1-9985	Maintenance Center	Providence, R. I.
402	341-6000	Operator Answered	Co. PBX - Omaha, Nebr.
403	FA 8-2610	Testboard	Lethbridge, Alta., Canada
404	JA 2-8550	Time of Day	Atlanta, Ga.
405	RE 6-0561	"	Oklahoma City, Okla.
406	543-6601	Operator Answered	Co. PBX - Missoula, Mont.
408	CY 2-0022	Short & Long Tones	San Jose, Calif.
412	OL 2-2310	"	*New Castle, Pa.
413	RE 2-0000	"	*Springfield, Mass.

*Hold until completion of first long tone or 15 sec.

SECTION A199.850
ATTACHMENT 2

Test Numbers in Foreign Areas

<u>NPA</u>	<u>Test Number</u>	<u>Signal</u>	<u>Special Information</u>
414	WE 6-1212	Weather	Milwaukee, Wis.
415	EX 7-0022	Short & Long Tones	*San Francisco, Calif.
416	EM 3-1184	"	*Toronto, Ont., Canada
417	MA 3-9800	Operator Answered	Co. PBX - Joplin, Mo.
418	LA 9-6511	" "	Co. PBX - Quebec City, Quebec, Canada
419	CH 3-8881	Time of Day	*Toledo, Ohio
501	FR 2-1600	Short & Long Tones	*Little Rock, Ark.
502	JU 4-9011	Operator Answered	Co. PBX - Louisville, Ky.
503	CA 7-1080	Short & Long Tones	*Portland, Ore.
504	529-9011	Operator Answered	Co. PBX - New Orleans, La. ←
505	AX 9-9903	Short & Long Tones	Albuquerque, New Mexico ←
506	735-3381	Operator Answered	Edmundston, New Brunsw.Can.←
507	AT 2-8601	" "	Co. PBX - Rochester, Minn.
509	NO 2-2699	Short Tones	Wenatchee, Wash.
512	CA 5-1231	Testboard	San Antonio, Tex.
513	EX 6-9900	Operator Answered	Co. PBX - Cincinnati, Ohio
514	UN 6-1181	Short & Long Tones	*Montreal, Que., Canada
515	CH 4-6161	Operator Answered	Co. PBX - Des Moines, Iowa
516	IV 6-9972	Hold for Steady Tones	Hempstead, N.Y.
517	PL 3-4601	Short & Long Tones	*Saginaw, Mich.
518	HE 4-1000	"	*Albany, N. Y.
519	CL 2-9000	"	*Windsor, Ont., Canada
601	FL 3-2207	"	*Jackson, Miss.
602	AL 8-3611	Operator Answered	Co. PBX - Phoenix, Ariz.
603	NA 5-5555	Short & Long Tones	*Manchester, N. H.
604	MU 3-5511	Operator Answered	Vancouver, B. C.
605	BA 5-2910	" "	Co. PBX - Aberdeen, S. D. ←
606	LO 4-5519	Short & Long Tones	*Maysville, Ky.
607	RA 3-8304	Testboard	Binghamton, N. Y.
608	AL 5-4300	Short & Long Tones	*Madison, Wisc.
609	EM 5-9972	"	*Camden, N. J.
612	FE 2-3960	"	*Minneapolis, Minn.
613	CE 6-1181	"	*Ottawa, Ont., Canada
614	AM 2-1450	"	*Columbus, Ohio
615	CH 2-3460	"	*Nashville, Tenn.
616	CA 6-2100	"	*Marquette, Mich.
617	WE 6-1234	Weather	Boston, Mass.
618	DI 4-0009	Short & Long Tones	Collinsville, Ill.
701	AD 5-3858	Short & Long Tones	*Fargo, No. Dak.
702	WI 5-2424	"	Hawthorne, Nev.
703	MI 8-9121	Operator Answered	Co. PBX - Richmond, Va.
704	ED 2-0022	"	Co. PBX - Charlotte, N. C.
705	PA 8-3844	"	Co. PBX - Barrie, Ont., Canada
707	LI 2-0022	Short & Long Tones	Santa Rosa, Calif. ←

*Hold until completion of first long tone or 15 sec.

Test Numbers in Foreign Areas

<u>NPA</u>	<u>Test Number</u>	<u>Signal</u>	<u>Special Information</u>	
709	578-0411	Operator Answered	Co. PBX - St. John's, Newfoundland	←
712	322-5501	" "	Co. PBX - Council Bluffs, Iowa	←
713	CA 8-1093	Short & Long Tones	*Houston, Tex.	
714	BE 4-1234	" "	*San Diego, Calif.	
715	TE 5-8930	Testboard	Eau Claire, Wis.	
716	TL 6-9800	Operator Answered	Co. PBX - Buffalo, N. Y.	
717	CE 2-4101	" "	Co. PBX - Harrisburg, Pa.	
801	EL 5-1781	Operator Answered	Co. PBX - Salt Lake City, Utah	
802	UN 4-9911	" "	Co. PBX - Burlington, Vt.	←
803	AL 4-9011	" "	Co. PBX - Columbia, So. Carolina	
805	MI 8-1648	Short & Long Tones	*Ventura, Calif.	
806	DR 6-9898	" "	*Amarillo, Tex.	
807	622-6187	Toll Testboard Answered	Fort Williams, Ont., Canada	←
808		Operator Answered	Hawaii	←
809		" "	Bermuda	←
812	HA 3-6241	Time of Day	Evansville, Ind.	←
813	ED 4-5411	Operator Answered	Co. PBX - Ft. Meyers, Fla.	
814	EL 5-3190	Short & Long Tones	*Bellefonte, Pa.	
815	LI 4-2790	Short Tones	Belvidere, Ill.	
816	BA 1-9900	Operator Answered	Co. PBX - Kansas City, Mo.	
817	ED 2-8211	" "	Co. PBX - Fort Worth, Tex.	
819	LE 7-6601	" "	Co. PBX - Shawinigan, Que., Canada	
901	JA 6-5261	Time of Day	Memphis, Tenn.	
902	455-7281	Operator Answered	Co. PBX - Halifax, Nova Scotia	←
906	226-9911	" "	Co. PBX - Marquette, Mich.	←
907	452-2097	Answered by Military	Fairbanks, Alaska	←
912	AT 3-9090	Operator Answered	Co. PBX - Waycross, Ga.	
913	TA 3-9581	" "	Co. PBX - Salina, Kansas	
914	SC 3-9901	" "	Co. PBX - Scarsdale, N. Y.	
915	OR 4-7291	" "	Co. PBX - Abilene, Tex.	
916	GI 3-0363	" "	Co. PBX - Sacramento, Calif.	
918	LU 5-9101	" "	Co. PBX - Tulsa, Okla.	
919	WH 6-9040	Testboard	Washington, No. Car.	

*Hold until completion of first long tone or 15 sec.

Test Numbers in Foreign Areas

<u>NPA</u>	<u>Test Number</u>	<u>Signal</u>	<u>Special Information</u>
709	578-0411	Operator Answered	Co. PBX - St. John's, Newfoundland
712	322-5501	" "	Co. PBX - Council Bluffs, Iowa
713	CA 8-1093	Short & Long Tones	*Houston, Tex.
714	BE 4-1234	" "	*San Diego, Calif.
715	TE 5-8930	Testboard	Eau Claire, Wis.
716	TL 6-9800	Operator Answered	Co. PBX - Buffalo, N. Y.
717	CE 2-4101	" "	Co. PBX - Harrisburg, Pa.
801	EL 5-1781	Operator Answered	Co. PBX - Salt Lake City, Utah
802	UN 4-9911	" "	Co. PBX - Burlington, Vt.
803	AL 4-9011	" "	Co. PBX - Columbia, So. Carolina
805	MI 8-1648	Short & Long Tones	*Ventura, Calif.
806	DR 6-9898	" "	*Amarillo, Tex.
807	622-6187	Toll Testboard Answered	Fort Williams, Ont., Canada
808		Operator Answered	Hawaii
809		" "	Bermuda
812	HA 3-6241	Time of Day	Evansville, Ind.
813	ED 4-5411	Operator Answered	Co. PBX - Ft. Meyers, Fla.
814	EL 5-3190	Short & Long Tones	*Bellefonte, Pa.
815	LI 4-2790	Short Tones	Belvidere, Ill.
816	BA 1-9900	Operator Answered	Co. PBX - Kansas City, Mo.
817	ED 2-8211	" "	Co. PBX - Fort Worth, Tex.
819	LE 7-6601	" "	Co. PBX - Shawinigan, Que., Canada
901	JA 6-5261	Time of Day	Memphis, Tenn.
902	455-7281	Operator Answered	Co. PBX - Halifax, Nova Scotia
903	DU 5-9101	Short & Long Tones	Tiajuana, Mexico ←
906	226-9911	" "	Co. PBX - Marquette, Mich.
907	452-2097	Answered by Military	Fairbanks, Alaska
912	AT 3-9090	Operator Answered	Co. PBX - Waycross, Ga.
913	TA 3-9581	" "	Co. PBX - Salina, Kansas
914	SC 3-9901	" "	Co. PBX - Scarsdale, N. Y.
915	OR 4-7291	" "	Co. PBX - Abilene, Tex.
916	GI 3-0363	" "	Co. PBX - Sacramento, Calif.
918	LU 5-9101	" "	Co. PBX - Tulsa, Okla.
919	WH 6-9040	Testboard	Washington, No. Car.

*Hold until completion of first long tone or 15 sec.

CROSSBAR TANDEM AND NO. 4 CROSSBAR OFFICE
SWITCHROOM NUMBERS
NO. 1 CROSSBAR TANDEM OFFICES

Alhambra XBT

284-0072
0068

Ahaheim XBT

774-0018
0019

Bakersfield XBT

324-9889
9880

Compton XBT

639-3018
3019

East Bay Main XBT

832-9998
9990
451-9000 Loc 2437

East Bay Franklin XBT

451-9998
9999
9000 Loc 2463

El Monte XBT

444-0096
448-0000

Eureka XBT

443-2201
2202
442-3771 Loc 45
442-3161

Fresno XBT

266-9997

Los Angeles-Grand XBT

629-1569
1560

Los Angeles-Gower XBT

463-0088
0089

Los Angeles-Pleasant XBT

753-0088

Los Angeles-Short Haul XBT

624-0073
0074

Modesto XBT

524-8497
8498

Palo Alto XBT

326-9998
9999

Reno XBT

329-6558
6559

Sacramento XBT

443-0954
0955

San Diego XBT

295-0084
0085

San Francisco Main XBT

392-9998 Unit 0
9999
982-9998 Unit 100

San Francisco Juniper XBT

587-9998 Unit 0
9999 Unit 0
333-9998 Unit 100
9999

San Jose XBT

294-9998
9999
292-9000 Loc 323

San Rafael XBT

456-9998
9999
453-9000 Loc 213

Santa Rosa XBT

542-9998
9999

Stockton XBT

464-9997
9998

Van Nuys XBT

788-0030

NO. 4 CROSSBAR OFFICES

Los Angeles LA 2-4A

620-5670
5600
5601
5602

Sacramento 4A

443-0363
0364
0365

Los Angeles LA 3-4A

620-5603
5604
5605

San Bernardino 4A

885-4427
4428

Oakland 4M

836-1411
1412
1413

San Jose 4A

293-8885
8886
8887

NO. 4 CROSSBAR OFFICES

Los Angeles LA 2-4A

→ 629-1471
→ -1182
→ -1183
→ -1184

Sacramento 4A

443-0363
0364
0365

Los Angeles LA 3-4A

→ 629-1215
→ -1216
→ -1217

San Bernardino 4A

885-4427
4428

Oakland 4M

836-1411
1412
1413

San Jose 4A

293-8885
8886
8887

TABLE A

Toll Crossbar Tandem Office Test Lines

<u>Code</u>	<u>Test Line Circuit Reached</u>	<u>Usage</u>
100	Intertoll Trunk Test Termination	900-ohm balance and noise test termination.
101	Toll Testboard	Primarily a communication trunk. Can be used for reporting trouble, obtaining circuit tests, etc.
102	1000-cycle 1-MW Outlet	1000-cycle 1-MW testing power for 1-way transmission tests of intertoll trunks. In offices designed for operation at VNL, testing power is <u>applied at -2dbm.</u>
103	Circuit Operation Test	Test line for over-all tests of signalling and supervisory features on intertoll dial trunk circuits.
104	Automatic 2-way Transmission Measuring Circuit.	Automatic test circuit for 2-way transmission testing and 1-way noise checking on intertoll trunks.
560	Return Test Access	Provides access to the Return Test Line in crossbar tandem offices for the AMA trunk test frame circuit.
760	Toll Verbal Reports Center	For communications between Toll verbal reports centers relating to intersystem troubles.
850	Circuit Operation Test	Test line for over-all tests of signalling and supervisory features on trunks without ring forward features (crossbar tandem return test line per SD-25461-01).
958	Switching System Maintenance Center	For communications between switching maintenance centers relating to intersystem troubles.
959	1000-cycle 1-MW Outlet	1000-cycle 1-MW testing power. Primarily for 1-way transmission tests of terminating links originating at end offices. Always <u>applied at 0 dbm.</u>
970	Office Cabling Balance	Method of adjusting network and building out capacitors to obtain satisfactory office balance in crossbar tandem and toll switching offices, see E33.405.

TABLE A

Toll Crossbar Tandem Office Test Lines

<u>Code</u>	<u>Test Line Circuit Reached</u>	<u>Usage</u>
974	Special Test Access	Incoming line with jack access for use in making various tests where access to the incoming line is required. <u>Notify the maintenance center involved before dialing as Code 974 does not bring in an audible signal.</u>
976	Supervisory Test	Reverse battery test for repeated supervision trunks.

TABLE B

Local Tandem Office Test Lines

<u>Code</u>	<u>Test Line Circuit Reached</u>	<u>Usage</u>
958	Switching System Maintenance Center	For communication between switching system maintenance centers relating to intersystem troubles.
959	1000-cycle 1-MW Outlet	1000-cycle 1-MW testing power for 1-way transmission tests.
976	Supervisory Test	Reverse battery test for repeated supervision trunks.

Code	Test Line Circuit to be Reached	Uses	Circuit Features	Circuit Number
100	Intertoll Trunk Test Termination	Balance or Return Loss Measurements, Noise and Crosstalk Tests.	A normal off-hook condition is provided to assure removal of the signaling tones for balance or singing point tests, noise or crosstalk monitoring tests, etc. At offices having pad control arrangements, the control features of the test line circuit provide a "pad in" condition during connection. This test termination is normally 600-ohms nominal impedance but may be 900, 1200 or 1500 ohms as required.	4XB-SD-68432 5XB-SD-25906 TanXB-SD-96000 SXS-SD-96000
101	Secondary Toll Testboard	Communication trunk for reaching the secondary testboard of one-testboard offices or the testboard maintaining the inter-company trunks in offices having two or more testboards. This test line is used to obtain assistance of the testman for over-all tests, for trouble reports from toll operating boards in the same area, for assistance in trouble location and trouble clearance, for certain circuit order tests and for special tests when necessary.	An off-hook signal is returned to the originating point when the circuit is answered at the toll testboard and an on-hook signal when the testboard disconnects. A recall signal from the originating point is indicated on the testboard position cord lamp and a recall signal may be returned to the originating point by operating the proper testboard position key. When pad control is provided on the inter-toll trunks the pad remains in when the trunk circuit is answered and for normal communication and maintenance tests. At the toll testboards a pad control key will remove the pad to check its operation.	4XB-SD-68299 5XB-SD-25850 TanXB-SD-56045 SXS-SD-64476

<u>Code</u>	<u>Test Line Circuit to be Reached</u>	<u>Uses</u>	<u>Circuit Features</u>	<u>Circuit Number</u>						
102	1000 Cycle 1 Milliwatt Testing Power	1-way transmission measurements from the dial switching office toward the originating office. Testing Power is connected at the intertoll train.	The 1000 cycle 1 MW supply is automatically disconnected at the end of 10 to 15 seconds to assure the test line disconnection from intertoll trunks using single frequency signaling. An off-hook supervisory signal is returned when the testing power is connected and an on-hook signal when the timing circuit disconnects it. The early circuits may be different from the above and if so they can be revised to the present standards. The new circuits will also provide for the proper impedance termination on an intertoll trunk while testing power is connected and after it is disconnected by the timing circuit.	4XB-SD-68095 5XB-SD-25903 TanXB-SD-96000 SXS-SD-96000						
103	Circuit Operation Test	Check of signaling path test signals sent from the dial switching office toward the originating office with the sequence controlled by the originating end.	This test line circuit gives three signaling path test signals in a sequence controlled by the originating end as follows: <table border="0"> <thead> <tr> <th><u>Originating End</u></th> <th><u>Test Line Circuit Returns</u></th> </tr> </thead> <tbody> <tr> <td>(1) Dials or key pulses test code</td> <td>Off-hook signal.</td> </tr> <tr> <td>(2) Sends a short on-hook signal by operating test position key or dialing No. 1 on the signal test set.</td> <td>On-hook signal.</td> </tr> </tbody> </table>	<u>Originating End</u>	<u>Test Line Circuit Returns</u>	(1) Dials or key pulses test code	Off-hook signal.	(2) Sends a short on-hook signal by operating test position key or dialing No. 1 on the signal test set.	On-hook signal.	4XB-SD-68399 5XB-SD-25904 TanXB-SD-25939 SXS-SD-56221
<u>Originating End</u>	<u>Test Line Circuit Returns</u>									
(1) Dials or key pulses test code	Off-hook signal.									
(2) Sends a short on-hook signal by operating test position key or dialing No. 1 on the signal test set.	On-hook signal.									

(Cont'd on Page 3)

<u>Code</u>	<u>Test Line Circuit to be Reached</u>	<u>Uses</u>	<u>Circuit Features</u>	<u>Circuit Number</u>						
			<table border="0"> <tr> <td data-bbox="1123 313 1281 363"><u>Originating End</u></td> <td data-bbox="1325 313 1549 363"><u>Test Line Circuit Returns</u></td> </tr> <tr> <td data-bbox="1123 380 1281 430">(3) Repeats item (2).</td> <td data-bbox="1325 380 1549 509">Flashing on-off- hook signal 120 times per min- ute (recorder flashes).</td> </tr> <tr> <td data-bbox="1123 516 1281 566">(4) Discon- nects.</td> <td data-bbox="1325 516 1499 540">Disconnects.</td> </tr> </table> <p data-bbox="1123 578 1564 873">Early no. 4 test line circuits returned a different set of signals. The above signals have since been standardized. See latest drawings. This test line circuit will be used in conjunction with the automatic Intertoll Trunk Test Frame (under development) to test automatically the signaling path features of intertoll trunks.</p>	<u>Originating End</u>	<u>Test Line Circuit Returns</u>	(3) Repeats item (2).	Flashing on-off- hook signal 120 times per min- ute (recorder flashes).	(4) Discon- nects.	Disconnects.	
<u>Originating End</u>	<u>Test Line Circuit Returns</u>									
(3) Repeats item (2).	Flashing on-off- hook signal 120 times per min- ute (recorder flashes).									
(4) Discon- nects.	Disconnects.									
104	Automatic 2-way Transmission Measuring Circuit (Under Development)	2-way transmission measure- ments. Indicates to the originating office the terminal net loss of the intertoll trunk in both directions. This test line gives an indication of whether or not the received noise is less than a predetermined single value which will be used for checking the noise on all the intertoll trunks in that particular office which have access to the test line.	This test line is being designed to operate automatically with a transmission measuring attach- ment to be added to the new automatic intertoll trunk test frame or semi-automatically with testman at one end of the trunk.							

<u>Code</u>	<u>Test Line Circuit to be Reached</u>	<u>Uses</u>	<u>Circuit Features</u>	<u>Circuit Number</u>
958	Switching System Maintenance Center	For communications between switching system maintenance centers relating to inter-system troubles.	This test line is designed to be terminated on test frames and switchman's desk cabinets which are provided with dials. Provision has been made for receiving supervisory signals. No specific arrangements have been made for rering.	Originating 4XB-SD-95617 5XB-SD-95617 TanXB-SD-95617 SXS-SD-95617 Terminating 4XB-SD-95615 5XB-SD-95615 TanXB-SD-95615 SXS-SD-95615
959	1000 Cycle 1 Milliwatt Testing Power	For checking common and via trunks to the toll completing train normally as a continuity test in connection with circuit order tests or when trouble reports indicate a possible circuit trouble. It may be used for transmission tests to the toll completing train but does not take the place of Code 102 for these tests on terminal trunks on the toll completing train.	The 1000 cycle 1 MW supply is automatically disconnected at the end of 10 to 15 seconds to assure the test line disconnection from intertoll trunks using single frequency signaling. An off-hook supervisory signal is returned when the testing power is connected and an on-hook signal when the timing circuit disconnects it.	4XB-SD-68095 5XB-SD-25903 TanXB-SD-96000 SXS-SD-96000

RECORD OF TEST NUMBERS AND CIRCUITS IN _____

CITY

EXCHANGE

TYPE OF TEST	ASSIGNED TEL. NUMBER	STANDARD TEL. NUMBER	ASSIGNED TEST CIRCUIT DRAWING NUMBER	STANDARD TEST CIRCUIT DRAWING NUMBER	RECEIVED INDICATION	REMARKS

TCL Library - <http://www.telephonecollectors.info/>

TEST NUMBER DIRECTORY - REPORT OF CHANGES

P-2300 (1-61)

BSP A199.850

CHECK BOX:

CHANGE

ADDITION

DELETION

UNDERLINE CORRECTED NUMBER(S) IN RED

ATTACHMENT

NPA

PAGE

DATE

CITY-EXCHANGE	NOTE	PREF. OR CODE	ROUTE VERIFY	CHARGE VERIFY	1MW 1000 CYCLE	900 OHM BAL.									ATTENDED SWITCHRM.

NOTES

- | | | |
|------------------|------------------|---------------------------------------|
| 1. VERBAL ANSWER | 6. 5 X B EQUIP. | 11. KELLOG EQUIP. |
| 2. NOT 2L-5N | 7. PANEL EQUIP. | 12. PBX |
| 3. VIA NET LOSS | 8. XY EQUIP. | 13. TWO CALLS REQUIRED FOR ANS. SUPV. |
| 4. SXS EQUIP. | 9. A.E.S. EQUIP. | 14. INDEPENDENT COMPANY |
| 5. IXB EQUIP. | 10. N.E. EQUIP. | 15. |

TEL. NO.	DRAWING NUMBER	REMARKS:

SIGNED _____
 WIRE CHIEF DATE TEL. NO.

SIGNED _____
 MAINTENANCE SUPV. DATE TEL. NO.

TCF Library - http://www.telephonerecordings.com/