1. GENERAL

1.01 This section provides an index and information access system to locate the standard tests applicable to equipment listed in the preceding table of contents. Test classification and frequency of periodic routine are also provided.

1.02 This Equipment Test List (ETL) is reissued to incorporate changes which are indicated by an arrow to the left of each line which has been changed.

1.03 Comments on this section should be made by following the instructions in Bell System Practices (BSP), Section 000-010-015.

1.04 Routine test information is arranged in the following order from left to right: Section number, issue/addendum, test letter or paragraph number, test title, test class, frequency, and the last space is for a locally assigned job number.

1.05 Section 010-300-011 provides Equipment Test List instructions.
4.0 SENDERS

4.1 SENDERS; OUTGOING DP WLLP

AUTOMATIC MONITOR PROVIDED
FOR ALL UNITS

- 218-150-502 (6/0)
  D REVERSED TRUNK AND INTERSENDER TIMING
  K CANCEL TIMED RELEASE AND ALARMS
  P RECYCLE OF TM TIMER

TROUBLE TESTS

- 218-150-502 (6/0)
  A REGULAR CALL
  B ABANDONED CALL
  C DELETED
  E BATTERY AND GROUND PULSING
  F FIXED ARBITRARY DIGITS
  G ANTIGLARE TEST
  H TRUNK TEST--OPEN TRUNK
  I WINK START TEST
  J TIMING FEATURES
  L SENDER BUSY
  M REORDER TEST
  N STOP DIAL TEST
  O MARKER REORDER TEST
  Q IMMEDIATE RECORDER ON STOP DIAL SIGNAL AND HOLD FORWARD FEATURE

AUTOMATIC MONITOR NOT PROVIDED
FOR ALL UNITS

- 218-150-504 (5/0)
  D REVERSED TRUNK AND INTERSENDER TIMING
  K CANCEL TIMED RELEASE AND ALARM
  N MARKER REORDER
  O RECYCLE OF TM TIMER

TROUBLE TESTS

- 218-150-504 (5/0)
  A REGULAR CALL
  B ABANDONED CALL
  C DELETED
  E BATTERY AND GROUND PULSING
  F FIXED ARBITRARY DIGITS
  G ANTIGLARE TEST
  H TRUNK TEST--OPEN TRUNK
  I WINK START TEST
  J TIMING FEATURES
  L SENDER BUSY
  M STOP DIAL TEST
4.2 SENDERS; OUT DP W/O LLP

TROUBLE TESTS

AUTOMATIC MONITOR PROVIDED

218-150-501 (9/0)

A  REGULAR CALL
B  TRUNK TEST--OPEN TRUNK
C  ABANDONED CALL--AMA
D  ABANDONED CALL--NON-AMA
E  TRANSVERTER TROUBLE RELEASE
F  DELAY PULSING OF LAST DIGIT--AMA
G  NO DIGITS CALL--AMA
H  TRUNK REVERSED-OFF-HOOK TO ON-HOOK
I  TRUNK REVERSED-INITIAL OFF-HOOK
J  STOP DIAL SIGNAL
K  DISTANT TRUNK REVERSED OR BUSY
L  BATTERY AND GROUND PULSING
M  TIMING TEST
M.1 TM TIMER RECYCLE
N  CANCEL TIMED RELEASE AND ALARM TEST
N.1 STUCK SENDER IDENTIFICATION
O  MARKER REORDER
P  ANTIGLARE TEST
P.1 IMM RO ON STOP DIAL SIGNAL
P.2 OPEN LOOP DETECTION BETWEEN DIGITS
Q  INTERSENDER TIMING-NS RELAY TYPE SENDERS
R  PULSE CONVERSION CALL
S  SENDER BUSY
T  DIRECTORY ASSISTANCE CHARGING

AUTOMATIC MONITOR NOT PROVIDED

218-150-503 (7/0)

A  REGULAR CALL
B  ABANDONED CALL--AMA
C  ABANDONED CALL--NON-AMA
D  TRANSVERTER TROUBLE RELEASE-AMA
E  DELAY PULSING OF LAST DIGIT-AMA
F  NO-DIGIT CALL--AMA
G  TRUNK REVERSED-OFF-HOOK TO ON-HOOK
H  TRUNK REVERSED-INITIAL OFF-HOOK
I  STOP DIAL SIGNAL
J  BATTERY AND GROUND PULSING
K  TRUNK TEST--OPEN TRUNK
SECTION 218-001-014

218-150-503 (7/0) L MARKER REORDER TT  
M PULSE CONVERSION TEST TT  
N TIMING TEST TT  
N.1 TM TIMER RECYCLE TT  
O SENDER BUSY TEST TT  
O.1 CANCEL TIMED RELEASE AND ALARM TT  
P INTERSENDER TIMING WIRE SPRING AND NON-WIRE SPRING TYPE SENDERS TT  
R ANTIGLARE TEST TT  
S DISTANT TRUNK REVERSED OR BUSY TT  
T IMM RO ON STOP DIAL SIGNAL TT  
T.1 OPEN LOOP DETECTION BETWEEN DIGITS TT  
U DIRECTORY ASSISTANCE CHARGING TT  

4.3 SONDERS; OUTGOING FSP  
FOR ALL UNITS

218-161-503 (2/0) A REGULAR CALL MW 24M  
B FIRST CYCLE FAILURE MW 24M  
C SECOND CYCLE FAILURE MW 24M  
D MOMENTARY REMOVAL OF F2 TONE MR 24M  
E MAXIMUM F2 TONE TO START OUTPULSING MR 24M  
F MINIMUM F2 TONE TO START OUTPULSING MR 24M  
P TRUNK "OFF-HOOK" AT END OF PULSING MW 24M  
R TWO-WAY TRUNK "OFF-HOOK"-PRIMARY OFFICE MW 24M  
S TWO-WAY TRUNK "OFF-HOOK"-SECONDARY OFFICE MW 24M  
V INTERSENDER TIMING MR 24M  
W CANCEL TIMED RELEASE AND ALARM MR 24M  
W.1 STUCK SENDER TRUNK IDENTIFICATION MR 24M  

OPTIONAL FEATURES  
ARRANGED FOR AMA

218-161-503 (2/0) J DELAY PULSING-AMA MW 24M  
L TRANSVERTER TROUBLE RELEASE-AMA MW 24M  
M CANCEL TRANSVERTER TROUBLE RELEASE-AMA MW 24M  
N TRANSVERTER FAILURE ON BB CALLS-AMA MW 24M  
O AMA TIMEOUT MR 24M  

TROUBLE TESTS  
FS PLS OG SDR--TESTS USING SDR TEST SET

218-161-503 (2/0) G ABANDONED CALL--NON-AMA TT  
H ABANDONED CALL--AMA TT  
I AMA INFORMATION TT  
K CANCEL DELAY PULSING--AMA TT  

Page 4
4.4 SENDER; OUT-MF-COIN ZONE
AUTOMATIC MONITOR PROVIDED
FOR ALL UNITS

218-156-501 (13/0) L.1 STUCK SENDER TRUNK IDENTIFICATION MR 24M

OPTIONAL FEATURES
AMA-(IDDD-LAMA ONLY)

218-156-501 (13/0) AB IDDD-LAMA CALL MW 24M

ANI-VIA XBT TSP

218-156-501 (13/0) V SPECIAL START SIGNAL (ANI) VIA CSBR TDM TSP MW 24M

AIS

218-156-501 (13/0) AA INTERSENDER TIMING-AIS MW 24M

TROUBLE TESTS

218-156-501 (13/0) A REGULAR CALL TT

B TRUNK TEST--OPEN TRUNK TT

C ABANDONED CALL--AMA TT

D ABANDONED CALL--NON-AMA TT

F AMA TRANSVERTER TROUBLE RELEASE-COIN ZONE TT

G DELAY PULSING OF LAST DIGIT-AMA CALL TT

H NO PULSE--AMA CALL TT

I REVERSED TRUNK TEST TT

K TIMING FEATURES-COIN ZONE TT

L CANCEL TIMED RELEASE AND ALARM TT

M MARKER REORDER TT

N MF CURRENT SUPPLY TROUBLE RELEASE TT

O SENDER BUSY TT

P INTERSENDER TIMING TT

Q ANI--AUTOMATICALLY IDENTIFIED CALL TT

R ANI--AUTOMATICALLY IDENTIFIED CALL FAILURE TT

S ANI--OPERATOR IDENTIFIED CALL TT

S.1 IDENTIFICATION FAILURE AFTER SENDER TIME-OUT TT

T ZERO OPERATOR CALL--ANI TT

U ZERO OPERATOR CALL--ONI TT

W COMPARATIVE FREQUENCY TEST TT

X OSCILLATOR OUTPUT VOLTAGE TT

Y FREQUENCY TEST USING 72A FREQUENCY METER TT

Z SPECIAL START SIGNAL (ANI)-TSPS NO. 1 TT

AC IDDD-LAMA GATEWAY TIMING TT
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<td>AE</td>
<td>DIRECTORY ASSISTANCE CHARGING</td>
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<tr>
<td>AF</td>
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**AUTOMATIC MONITOR NOT PROVIDED**

**SELECT ONLY ONE CATEGORY**

**AMA-(IDDD-LAMA ONLY)**

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<td>TV TROUBLE RELEASE-COIN ZONE-AMA</td>
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<td>K</td>
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<td>IDENTIFICATION FAILURE AFTER SENDER TIME-OUT</td>
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<td>OSCILLATOR OUTPUT VOLTAGE</td>
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<td>FREQUENCY TEST USING 72A FREQ METER</td>
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<td>SPECIAL START SIGNAL (ANI)-TSPS NO. 1</td>
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<td>IDDD-TSPS CALL</td>
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</table>
DIRECTORY ASSISTANCE CHARGING

211 CODE ROUTED TO A TSPS AS A ZERO OPERATOR CALL

4.5 SENDERS; OUT-MF-NOT CN ZN

AUTOMATIC MONITOR PROVIDED

SELECT ONLY ONE CATEGORY

AMA-(IDDD-LAMA ONLY)

218-156-503 (9/1) AG  DIRECTORY ASSISTANCE CHARGING

218-156-503 (9/1) AH  211 CODE ROUTED TO A TSPS AS A ZERO OPERATOR CALL

AUTOMATIC MONITOR NOT PROVIDED

SELECT ONLY ONE CATEGORY

AMA-(IDDD-LAMA ONLY)

218-156-501 (13/0) AB  IDDD-LAMA CALL

ANI-VIA XBT TSP

218-156-501 (13/0) V  SPECIAL START SIGNAL (ANI) VIA CSBR TDM TSP

AIS

218-156-501 (13/0) AA  INTERSENDER TIMING-AIS

TROUBLE TESTS

218-156-501 (13/0) E  AMA TRANSVERTER TROUBLE RELEASE-NONCOIN ZONE

G  DELAY PULSING OF LAST DIGIT-AMA CALL

I  REVERSED TRUNK TEST

J  TIMING FEATURES-NONCOIN ZONE

L  CANCEL TIMED RELEASE AND ALARM

P  INTERSENDER TIMING

W  COMPARATIVE FREQUENCY TEST

X  OSCILLATOR OUTPUT VOLTAGE

Z  SPECIAL START SIGNAL (ANI)-TSPS NO. 1

AE  DIRECTORY ASSISTANCE CHARGING

DIRECTORY ASSISTANCE CHARGING

211 CODE ROUTED TO A TSPS AS A ZERO OPERATOR CALL

INTERSENDER TIMING-AIS

TROUBLE TESTS

218-156-501 (13/0) A  REGULAR CALL

B  TRUNK TEST--OPEN TRUNK

C  ABANDONED CALL--AMA

D  ABANDONED CALL--NON-AMA

H  NO PULSE--AMA CALL

M  MARKER REORDER

N  MF CURRENT SUPPLY TROUBLE RELEASE

O  SENDER BUSY

Q  ANI--AUTOMATICALLY IDENTIFIED CALL
Section 218-001-014

218-156-501 (13/0) R
- ANI--Automatically Identified Call Failure
- ANI--Operator Identified Call
- Identification Failure After Sender Time-Out
- Zero Operator Call--ANI
- Zero Operator Call--ONI
- Frequency Test Using 72A Frequency Meter
- IDDD-Lama Gateway Timing
- IDDD-TSPS Call
- 211 Code Routed to a TSPS as a Zero Operator Call

218-156-503 (9/1) A
- Regular Call
- Abandoned Call--AMA
- Abandoned Call--NonAMA
- TV Trouble Release--NonCoin Zone--AMA
- Delay Pulsing of Last Digit--AMA
- No-Digit Call--AMA
- Reversed Trunk Test
- Trunk Test--Open Trunk
- Timing Features--NonCoin Zone
- Cancel Timed Release and Alarm
- Marker Reorder
- MF Current Supply Trouble Release
- Intersender Timing Test--WS & Non WS Relay Type
- ANI--Call
- ANI--Call Failure
- ANI--Operator Identification
- Identification Failure After Sender Time-Out
- Timing Features--ANI
- Zero Operator Call--ANI
- Zero Operator Call--ONI
- Sender Busy
- Comparative Frequency Test
- Oscillator Output Voltage
- Frequency Test Using 72A Freq Meter
- Special Start Signal (ANI)--TSPS No. 1
- IDDD-Lama Calls
- Abandoned Call--IDDD-Lama
- IDDD-TSPS Call
- Directory Assistance Charging
218-156-503 (9/1) AH 211 CODE ROUTED TO TSPS AS A ZERO OPERATOR CALL

AI DIGIT 8 ACCESS CALL TO ENHANCED PRIVATE SWITCHED COMMUNICATIONS SYSTEMS (EPSCS) NO. 1 ESS

4.6 SENDERS; OUT AIS W/O LLP

TROUBLE TESTS

AUTOMATIC MONITOR PROVIDED

218-156-502 (4/0) A REGULAR CALL

218-156-504 (4/0) A REGULAR CALL

B LINE PREFERENCE TEST

C OPEN LINE TEST

D REVERSED LINE TEST

E ABANDONED CALL

F TERMINATING TEST LINE CALL

G TIMING FEATURES

H CANCEL TIMED RELEASE AND ALARM

H.1 STUCK SENDER LINE IDENTIFICATION

I MARKER REORDER

J SENDER BUSY

K STUCK SENDER GUARD TEST

L MULTIFREQUENCY CURRENT SUPPLY TROUBLE RELEASE

M COMPARATIVE FREQUENCY TEST

N OSCILLATOR OUTPUT VOLTAGE

O FREQUENCY TEST USING FREQUENCY METER

P ALL-LINES-BUSY TEST

Q NO-DIGIT CALL

AUTOMATIC MONITOR NOT PROVIDED

218-156-504 (4/0) A REGULAR CALL

B LINE PREFERENCE TEST

C OPEN LINE TEST

D REVERSED LINE TEST

E ABANDONED CALL

F TERMINATING TEST LINE CALL

G TIMING FEATURES

H CANCEL TIMED RELEASE AND ALARM

H.1 STUCK SENDER LINE IDENTIFICATION

I MARKER REORDER

J SENDER BUSY

K STUCK SENDER GUARD TEST

L MULTIFREQUENCY CURRENT SUPPLY TROUBLE RELEASE

M COMPARATIVE FREQUENCY TEST

N OSCILLATOR OUTPUT VOLTAGE
FREQUENCY TEST USING FREQUENCY METER
ALL-LINES-BUSY TEST
NO-DIGIT CALL

TROUBLE TESTS

AUTOMATIC MONITOR PROVIDED

FREQUENCY TEST USING FREQUENCY METER
ALL-LINES-BUSY TEST
NO-DIGIT CALL

4.7 SENDERS; OUTGOING RP

AUTOMATIC MONITOR NOT PROVIDED

REGULAR CALL
ABANDONED CALL--AMA
ABANDONED CALL--NON-AMA
TRANSVERTER TROUBLE RELEASE-AMA
MARKER REORDER
DELAY PULSING OF LAST DIGIT-AMA
NO DIGITS CALL--AMA
INCOMING OVERFLOW
TIMING FEATURES
CANCEL TIMED RELEASE AND ALARM
STUCK SENDER TRUNK IDENTIFICATION
TRUNK TEST--OPEN TRUNK
intersender timing
FALSE OPERATION OF COUNTING RELAYS
INSUFFICIENT DIGITS--WS RELAY TYPE SENDERS
SENDER BUSY
DIRECTORY ASSISTANCE CHARGING
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<td>218-152-501 (5/0) A</td>
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<td>C ABANDONED CALL--AMA</td>
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<td>D ABANDONED CALL--NON-AMA</td>
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<td>E TRANSVETER TROUBLE RELEASE-AMA</td>
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<td>F MARKER REORDER</td>
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<td>G FAST ASSIGNMENT-NON-AMA</td>
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<td>J TIMEOUT BEFORE TRUNK TEST</td>
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<td>K CANCEL TIMED RELEASE AND ALARM</td>
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<td>L TIMEOUT DURING &quot;WAITING ASSIGNMENT&quot;</td>
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<td>M NO DIGITS CALL</td>
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<td>J CANCEL TIMED RELEASE AND ALARM</td>
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<td>K TIMEOUT DURING &quot;WAITING ASSIGNMENT&quot;</td>
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<td>M INTERSENDER TIMING-WS RELAY TYPE SENDERS</td>
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<td>N INSUFFICIENT DIGITS--WS RELAY TYPE SENDERS</td>
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<p>| 4.9 SENDERS; INTERMARKERGROUP TROUBLE TESTS |
| 218-158-501 (6/0) A | REGULAR CALL--AMA | TT |</p>
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<td>CALLING MARKER REORDER--NON-AMA OFFICES</td>
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<td>TRANSVERTER TROUBLE RELEASE--AMA OFFICES</td>
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<td>G.1</td>
<td>STUCK SENDER TRUNK IDENTIFICATION</td>
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