

43

TROUBLE REFERENCE GUIDE—PART 1

INDEX

OFFICE TEST FRAME

NO. 5 CROSSBAR OFFICES

1. GENERAL

1.01 This series of sections contains information that may be helpful in understanding the nature of troubles reported by either the office trouble indicator display or ATA exception reports. The trouble categories, which are listed alphabetically, correspond to lamp indications on the office trouble indicator and to bin names on ATA exception reports. Information about each trouble category or bin is contained in a short narrative covering the circuit operations at the time the trouble was detected. This is supplemented with excerpts from sequence charts that pictorially display the same operations. Further, the document contains specific reference to source documents which may be useful in troubleshooting.

1.02 Whenever this section is reissued, the reason for reissue will be covered in this paragraph. This issue does not affect Equipment Test Lists.

1.03 A method of trouble duplication using the office test frame is provided in Part 11, 218-404-510.

1.04 This issue of the Trouble Reference Guide - Office Test Frame, corresponds to:

Issue 35D of SD-26001-01 — Dial Tone Marker
Issue 4D of CD-26001-01
Issue 65B of SD-26002-01 — Wire Spring Marker
Issue 6A of CD-26002-01
Issue 57A of SD-25872-01 — Recorder and Recorder Connector
Issue 21B of CD-25872-01
Issue 62D of SD-25591-01 — Transverter
Issue 20D of CD-25591-01
Issue 20D of SD-25754-01 — Translator
Issue 7D of CD-25754-01
Issue 26B of SD-26161-01 — ANI Transverter
Issue 3AR of CD-26161-01
Issue 37A of SD-26032-01 — Trunk Link
Issue 7D of CD-26032-01
Issue 70 of SD-27879-01 — Trunk Link
Issue 1 of CD-27879-01
Issue 35D of SD-26029-01 — Preference Control
Issue 7D of CD-26029-01
Issue 60B of SD-26040-01 — Originating Register
Issue 9B of CD-26040-01
Issue 31B of SD-26041-01 — Incoming Register (DP)
Issue 6B of CD-26041-01

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

SECTION 218-404-500

Issue 23D of SD-26042-01 — Incoming Register (MF)
Issue 5D of CD-26042-01
Issue 6D of SD-27839-01 — Stuck Sender Trunk Identifier
Issue 2D of CD-27839-01
Issue 5D of SD-25714-01 — PBX Allotter
Issue 2D of CD-25714-01
Issue 23A of SD-25568-01 — Pretranslator
Issue 7D of CD-25568-01
Issue 32B of SD-26034-01 — Number Group
Issue 9D of CD-26034-01
Issue 15AR of SD-27686-01 — Incoming Trunk
Issue 11AR of CD-27686-01
Issue 5B of SD-27849-01—International Direct Distance Dialing Pretranslator
Issue 2B of CD-27849-01
Issue 5B of SD-27969-01—Incoming Register Pretranslator
Issue 1 of CD-27969-01

2. BIN LISTINGS

2.01 The following index is a comprehensive listing of all the trouble categories or bins contained in the series of sections in the office test frame Trouble Reference Guide parts.

Part 2—218-404-501

AIS
AMA—2TR
AMA—A'F'
AMA—ANA, DNK
AMA—CI1
AMA—CI2
AMA—CI2|CI4
AMA—CI3
AMA—CIFA|CI2
AMA—CII. T|U
AMA—CK1
AMA—CLF
AMA—DNK
AMA—DS
AMA—EA-EF
AMA—FLS. A'-F'
AMA—FLS. CII. T|U
AMA—FLS. DTN
AMA—FLS. IPA
AMA—FLS. P
AMA—FLS. P1
AMA—FLS. PT
AMA—FLS. RD
AMA—GARBAGE
AMA—IC
AMA—IPA
AMA—MB
AMA—M. LN. NO.—SPL

AMA—MISS. LN. LOC.
AMA—MISS. LN. NO.
AMA—MT-BSP
AMA—MT-HR
AMA—MT-SP
AMA—MT-SPA
AMA—MUT. A'-F'
AMA—MUT. CII. T/U
AMA—MUT. Dig
AMA—MUT. EA-EF.
AMA—MUT. LINE NO.
AMA—MUT. LN. LOC.
AMA—MUT. MB
AMA—MUT. RN
AMA—MUT. RPT, TPT
AMA—MUT. RST
AMA—MUT-TLR
AMA—P
AMA—P1
AMA—PAK
AMA—PART. LN. LOC
AMA—PART. LN. NO
AMA—PT
AMA—RCD. TBL-RLS
AMA—RD
AMA—RL (ANI)
AMA—RN
AMA—RPT/TPT
AMA—RST
AMA—TLR
AMA—TLR- BUSY
AMA—TLR-TRAP
AMA—TRANSV. RLS
AMA—TRS
AMA—X
AMA—XET
AMA—XP1
AMA—XRL
AMA—XT1
AMA—XTC
AMA—XTL
AMA—XU1
AMA—XVF
AMA—XVG
AVK1

Part 3—218-404-502

CH
CM-2TR
CON
CT

SECTION 218-404-500

CU
DCT1
DIS1
DTM-2TR
EMERG-CALL TRAP
EX
FAK|FBK
FCG
FLG
FLS-FA|FB
FLS-FLG
FLS-FTCK-W|RA
FLS|GLH
FLS|GT2
FLS-JXP1
FLS-LC
FLS-LXP1
FLS-RA-RCY
FLS-RK|LK
FLS-SL
FS
FTCK
FU
FU'
FUT

Part 4—218-404-503

GARBAGE
GT2
GT5
HG
HG'
HGK
HGT
HGT-X
HMS1
I-MUT, DIG
I-TRS
JCK
JG
JXP1
LC-
LCK
LFK
LFK-FLS|WT
LK1
LR
LR-NO. INC. CLASS
LR-NO. LV
LR-W|DCK
LV
LXP1

Part 5—218-404-504

MAK1
MB
MISC-CON
MKR.DIS1
MKR|PRT-TEST
MUT-CH
MUT-CT
MUT-CU
MUT-FS
MUT-FU
MUT-FU'
MUT-FUT
MUT-HG
MUT-HG'
MUT-LC
MUT-LV
MUT-MB
MUT-OS
MUT-OSG
MUT-RN
MUT-SSA, SSB
MUT-TF
MUT-TP, RP
MUT-TS
MUT-TT
MUT-UT
MUT-VF
MUT-VF'
MUT-VG
MUT-VG'

Part 6—218-404-505

NO-1TR|2TR
NO-RLS, ORLM
NO ROUTE
NUIS-CALL-TRAP
O-1TR|2TR
O-MUT. DIG-DP
O-MUT. DIG-TT
O-TRS
OS
PRT-A, B, C
PRT-CMABC|CM3
PRT-MUT. DIG
PRT-PCK
PRT-PRL
PRT-RLK
PRT-RLS W|RLK
PRT-TRS

SECTION 218-404-500

PRT-XX
PS
RA
RCK3
RK|LK
RK3
RN
RNG
RSC
RSK

Part 7—218-404-506

SCB
SERV. OBS-TRAP
SL
SLK2
SOG
SSA|SSB
TB
TCHK
TF
TGT
TK
TP|RP
TS
TT
UT
VF
VF'
VFT
VFT-X
VG
VG'
VGT
VGT-X
XLH
XRL
XS
XT5

3. TYPICAL PAGE FORMAT

BIN LISTING

LAMP INFORMATION

Lamp—(Pertinent information displayed on trouble indicator lamp display)

No Lamp—(Pertinent information missing on trouble indicator lamp display)

DESCRIPTION OF CIRCUIT OPERATION

Description of circuit operation at the time that the trouble is detected.

DESCRIPTION OF FAILURE

General description of the circuit operation which failed to occur and caused a trouble record to be generated. This could also be a positive indicator of troubles such as X detecting.

NORMAL SEQUENCE OF OPERATION

Sequence charts showing normal circuit operations at the time of failure

TROUBLE DUPLICATION INFORMATION

Recommended test to make in order to duplicate the trouble using the test facilities.

REFERENCE DOCUMENTS

SD number, associated FS number and SC number, CD number and paragraph. Note that these references correspond to the circuit issues listed in paragraph 1.04 of this section. Also, CD references are directed to Section II of the CD unless otherwise specified.