

REMOTE IPL MAP

PAGE 1 OF 15

ENTRY POINTS

FROM	ENTER THIS MAP		
MAP NUMBER	ENTRY POINT	PAGE NUMBER	STEP NUMBER
0020	A	1	001

001
(ENTRY POINT A)

THIS IS A PAPER ONLY MAP. THERE IS NO ASSOCIATED MAP PROGRAM. (SEE DIAGNOSTIC SERVICE GUIDE 05.00.00).

VERIFY LOAD LAMP IS ON
IS LOAD LAMP ON?

Y N

002
VERIFY POWER IS ON TO THE MODEM
IS MODEM POWER ON?

Y N

003
TURN POWER ON OR HAVE POWER TURNED ON TO
MODEM REPEAT IPL SEQUENCE

004
VERIFY POWER IS TURNED ON TO SYSTEM
IS SYSTEM POWER ON?

Y N

005
TURN POWER ON TO SYSTEM AND REPEAT IPL
SEQUENCE

006
(ENTRY POINT DD)
CONNECT THE COMMUNICATIONS INDICATOR PANEL
TO THE ADAPTER THAT IS TO RECEIVE IPL
IS INDICATOR PANEL INSTALLED?

Y N

007
INDICATOR PANEL NOT CONNECTED
GO TO STEP 006,
ENTRY POINT DD.

008
(ENTRY POINT EE)
SET COMMUNICATIONS INDICATOR PANEL SWITCHES
TO 11100000
ARE SWITCHES SET?

Y N

009
SWITCHES NOT SET
GO TO STEP 008,
ENTRY POINT EE.

010
VERIFY ALL LAMPS ARE ON
ARE ALL LAMPS ON?

Y N

011
MICROCODE FAILURE, EXCHANGE CARD
VERIFY THE REPAIR.

012
VERIFY LOAD DEVICE FOR DIAGNOSTIC DISKETTE
IS AVAILABLE AND DIAGNOSTIC DISKETTE FOR
FAILING MACHINE IS AVAILABLE
IS DIAGNOSTIC EQUIPMENT AVAILABLE?

Y N

013
DIAGNOSTIC ROUTINES CAN NOT BE RUN
GO TO PAGE 2, STEP 016,
ENTRY POINT B.

B
1

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014
VERIFY ALL SINGLE LINE AUTOMATIC MAPS STARTING
AT F000 AND ALL MANUAL MAPS STARTING AT F003
HAVE BEEN RUN OK

IF NO PROBLEM IS FOUND BY RUNNING MAPS SUSPECT
MODEM OR JUMPER CONFIGURATION ERROR. A JUMPER
ERROR CAN BE FOUND BY CONTINUING MAP AT ENTRY
POINT B

DID ALL MAPS RUN?
Y N

015
REPAIR AS PER FAILING MAP. IF NO PROBLEM IS
FOUND SUSPECT MODEM OR CONFIGURATION ERROR

016
(ENTRY POINT B)
VERIFY MULTIPOINT ADDRESS JUMPER BIT 0 IS
JUMPERED
IS MULTIPOINT ADDRESS JUMPER BIT 0 JUMPERED?
Y N

017
INSTALL MULTIPOINT ADDRESS JUMPER BIT 0, AND
REPEAT IPL SEQUENCE

018
INSPECT FOR SWITCHED LINE
IS SYSTEM SWITCHED LINE?
Y N

019
SYSTEM IS LEASED LINE
GO TO STEP 026, ENTRY POINT F.

020
VERIFY NO RING JUMPER IS OFF
IS NO RING JUMPER REMOVED?
Y N

021
REMOVE NO RING JUMPER, AND REPEAT IPL
SEQUENCE

022
VERIFY MULTIPOINT ADDRESS BIT 7 IS INSTALLED
IS MULTIPOINT ADDRESS BIT 7 INSTALLED?
Y N

023
INSTALL MULTIPOINT ADDRESS BIT 7, AND REPEAT
IPL SEQUENCE

024
VERIFY MULTIPOINT TRIBUTARY JUMPER IS OFF
IS MULTIPOINT TRIBUTARY JUMPER REMOVED?
Y N

025
REMOVE MULTIPOINT TRIBUTARY JUMPER, AND
REPEAT IPL SEQUENCE

026
(ENTRY POINT F)
INSPECT FOR MULTIPOINT TRIBUTARY
IS UNIT MULTIPOINT TRIBUTARY?
Y N

027
UNIT IS NOT MULTIPOINT TRIBUTARY
GO TO PAGE 3, STEP 032, ENTRY POINT H.

028
VERIFY MULTIPOINT TRIBUTARY JUMPER IS
INSTALLED
IS MULTIPOINT TRIBUTARY INSTALLED?
Y N

029
INSTALL MULTIPOINT TRIBUTARY JUMPER, AND
REPEAT IPL SEQUENCE

030
VERIFY MULTIPOINT ADDRESS IS CORRECT
IS MULTIPOINT ADDRESS CORRECT?
Y N

3 3
C D

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C D
2 2

MAP F071-3

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031
CORRECT THE MULTIPOINT ADDRESS, AND REPEAT
IPL SEQUENCE

032
(ENTRY POINT H)
INSPECT FOR LEASED LINE
IS SYSTEM LEASED LINE?
Y N

033
(ENTRY POINT J)
SYSTEM IS SWITCHED LINE, SET COMMUNICATIONS
INDICATOR PANEL SWITCHES TO 01111000
ARE SWITCHES SET?
Y N

034
SWITCHES NOT SET
GO TO STEP 033,
ENTRY POINT J.

035
(ENTRY POINT K)
HAVE CONTROL STATION START IPL SEQUENCE
HAS SEQUENCE BEEN STARTED?
Y N

BE PREPARED TO OBSERVE INDICATOR PANEL LAMP 4
WHEN IPL IS STARTED

036
SEQUENCE NOT STARTED
GO TO STEP 035,
ENTRY POINT K.

037
VERIFY RING INDICATOR IS ON
DID LAMP 4 ON INDICATOR PANEL FLICKER?
Y N

038
VERIFY TELEPHONE RINGING
IS TELEPHONE RINGING?
Y N

039
SUSPECT MODEM

040
SUSPECT EIA CABLE, MODEM, OR CARD
GO TO PAGE 4, STEP 061,
ENTRY POINT O.

041
VERIFY DTR IS ON
IS LAMP 0 ON?
Y N

042
EXCHANGE CARD
VERIFY THE REPAIR.

043
VERIFY DSR IS ON
IS LAMP 1 ON?
Y N

044
VERIFY TELEPHONE IS RINGING
IS TELEPHONE RINGING?
Y N

045
TELEPHONE ANSWERED DTR TO MODEM OK GO
TEST DSR WIRE IN MODEM CABLE AT ENTRY
POINT O
GO TO PAGE 4, STEP 061,
ENTRY POINT O.

046
TELEPHONE DID NOT ANSWER GO TEST DTR WIRE
IN MODEM CABLE
GO TO PAGE 4, STEP 061,
ENTRY POINT O.

4 4
E F

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047
(ENTRY POINT CC)
SET INDICATOR PANEL SWITCHES TO 01111000
ARE SWITCHES SET?
Y N

048
SWITCHES NOT SET
GO TO STEP 047,
ENTRY POINT CC.

049
DETERMINE IF MEDIUM SPEED ADAPTER
IS ADAPTER MEDIUM SPEED?
Y N

050
NOT MEDIUM SPEED
GO TO PAGE 12, STEP 148,
ENTRY POINT HH.

051
(ENTRY POINT FF)
INSPECT FOR RATE SELECT ON
IS LAMP 5 OF THE INDICATOR PANEL ON?
Y N

052
RATE SELECT NOT ON GO INSPECT CLOCK
GO TO PAGE 10, STEP 140,
ENTRY POINT GG.

053
RATE SELECT IS ON RESET RATE SELECT BY
PRESSING THE RESET PUSHBUTTON. REPEAT IPL
SEQUENCE

054
(ENTRY POINT M)
SET COMMUNICATIONS INDICATOR PANEL SWITCHES TO
01111000
ARE SWITCHES SET?
Y N

055
SWITCHES NOT SET
GO TO STEP 054, ENTRY POINT M.

056
(ENTRY POINT U)
VERIFY DTR JUMPER IS INSTALLED
IS DTR JUMPER INSTALLED?
Y N

057
DTR JUMPER NOT INSTALLED, INSTALL DTR JUMPER
AND REPEAT IPL SEQUENCE

058
VERIFY DTR LAMP IS ON
IS LAMP 0 ON INDICATOR PANEL ON?
Y N

059
DTR NOT ON WITH JUMPER ON EXCHANGE CARD
VERIFY THE REPAIR.

060
VERIFY DSR IS LAMP IS ON
IS LAMP 1 ON INDICATOR PANEL ON?
Y N

061
(ENTRY POINT O)
MISSING SIGNAL DISCONNECT CABLE FROM MODEM
IS CABLE DISCONNECTED FROM MODEM?
Y N

062
CABLE NOT DISCONNECTED
GO TO STEP 061,
ENTRY POINT O.

H
4

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063
(ENTRY POINT OA)
INSTALL WRAP CONNECTOR ON MODEM END OF MODEM
CABLE SEE CHART

IS WRAP CONNECTOR INSTALLED?

Y N

064
WRAP CONNECTOR NOT INSTALLED
GO TO STEP 063, ENTRY POINT OA.

065
(ENTRY POINT OB)
JUMPER DTR AND RTS ON ADAPTER CARD SEE CHART

ARE JUMPERS INSTALLED?

Y N

066
JUMPERS NOT INSTALLED
GO TO STEP 065, ENTRY POINT OB.

067
(ENTRY POINT OC)
SET INDICATOR PANEL SWITCHES TO 1000000
ARE SWITCHES SET?

Y N

068
SWITCHES NOT SET
GO TO STEP 067, ENTRY POINT OC.

069
INSPECT INDICATOR LAMPS FOR DTR,DSR,RTS,CTS ON
ARE LAMPS 0,1,2, AND 3 ON?

Y N

070
(ENTRY POINT OD)
CABLE OR CARD BAD, CHECK MODEM CABLE
CONTINUITY, SEE CHART

CABLE GOOD?

Y N

071
CABLE BAD REPAIR OR EXCHANGE CABLE
VERIFY THE REPAIR.

072
CABLE WAS GOOD, EXCHANGE CARD
VERIFY THE REPAIR.

073
CABLE AND CARD GOOD, SUSPECT MODEM

RS 232 | V.35 | WE 303
P/N=2704136 | P/N=1633812 | P/N=1633810

MEDIUM SPEED BSCA | HIGH SPEED BSCA
J-3 | J-3
DTR=A12 TO B12 | DTR=A10 TO B10
RTS=A13 TO B13 | RTS=A11 TO B11

CARD END | RS232 | MODEM END
DTR A01 | | 20
DSR B01 | | 6
RTS A03 | | 4
CTS B03 | | 5

CARD END | 303 | MODEM END
DTR A03 | | B
DSR A04 | | F
RTS A01 | | D
CTS A02 | | C

CARD END | V-35 | MODEM END
DTR A03 | | N
DSR B07 | | E
RTS B04 | | C
CTS B05 | | D

A G
1 4REMOTE IPL MAP
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074

GO TO PAGE 4, STEP 047, ENTRY POINT CC.

075

(ENTRY POINT RR)
VERIFY PROGRAMMER CONSOLE IS AVAILABLE
IS PROGRAMMER CONSOLE AVAILABLE?

Y N

076

VERIFY SPARE BSCA CARD IS AVAILABLE
IS SPARE BSCA CARD AVAILABLE?

Y N

077

NO ADDITIONAL TESTING CAN BE DONE WITHOUT
PROGRAMMER CONSOLE

078

(ENTRY POINT SS)
INSTALL NEW BSCA CARD
IS NEW BSCA CARD INSTALLED?

Y N

079

NEW CARD NOT INSTALLED
GO TO STEP 078,
ENTRY POINT SS.

080

(ENTRY POINT TT)
REPEAT IPL SEQUENCE
HAS IPL SEQUENCE BEEN REPEATED?

Y N

081

IPL SEQUENCE NOT REPEATED
GO TO STEP 080,
ENTRY POINT TT.

082

VERIFY CORRECT IPL
IS LOAD LAMP ON?

Y N

083

SUSPECT CABLE TO PROCESSING UNIT

084

NO ADDITIONAL TESTING CAN BE DONE WITHOUT
PROGRAMMER CONSOLE

085

(ENTRY POINT UU)
CONNECT PROGRAMMER CONSOLE IF NOT CONNECTED
IS PROGRAMMER CONSOLE CONNECTED?

Y N

086

PROGRAMMER CONSOLE NOT CONNECTED
GO TO STEP 085, ENTRY POINT UU.

087

(ENTRY POINT VV)
ON THE PROGRAMMER CONSOLE SELECT S.A.R.
HAS S.A.R. BEEN SELECTED?

Y N

088

S.A.R. NOT SELECTED
GO TO STEP 087, ENTRY POINT VV.

089

(ENTRY POINT WW)
INPUT 0000 INTO S.A.R.
HAS 0000 BEEN SET INTO S.A.R.?

Y N

090

S.A.R. NOT SET TO 0000
GO TO STEP 089, ENTRY POINT WW.7
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091
(ENTRY POINT AC)
ON THE PROGRAMMER CONSOLE SELECT STORE
HAS STORE BEEN SELECTED?
Y N

092
STORE NOT SELECTED
GO TO STEP 091, ENTRY POINT AC.

093
(ENTRY POINT AD)
ON THE PROGRAMMER CONSOLE SELECT MAIN STORAGE
HAS MAIN STORAGE BEEN SELECTED?
Y N

094
MAIN STORAGE NOT SELECTED
GO TO STEP 093, ENTRY POINT AD.

095
(ENTRY POINT AE)
INPUT 5555 INTO STORAGE
HAS 5555 BEEN INPUT INTO STORAGE?
Y N

096
HAS 5555 BEEN SET
GO TO STEP 095, ENTRY POINT AE.

097
(ENTRY POINT AF)
SELECT STORE ON PROGRAMMER CONSOLE
HAS STORE BEEN SELECTED?
Y N

098
STORE NOT SELECTED
GO TO STEP 097, ENTRY POINT AF.

099
(ENTRY POINT XX)
HAVE CONTROL STATION START IPL SEQUENCE
HAS IPL BEEN STARTED?
Y N

100
IPL NOT STARTED
GO TO STEP 099, ENTRY POINT XX.

101
(ENTRY POINT YY)
ON THE PROGRAMMER CONSOLE SELECT S.A.R.
HAS S.A.R. BEEN SELECTED?
Y N

102
S.A.R. NOT SELECTED
GO TO STEP 101, ENTRY POINT YY.

103
(ENTRY POINT ZZ)
INPUT 0000 INTO S.A.R.
HAS 0000 BEEN SET INTO S.A.R.?
Y N

104
S.A.R. NOT SET TO 0000
GO TO STEP 103, ENTRY POINT ZZ.

105
(ENTRY POINT AG)
ON THE PROGRAMMER CONSOLE SELECT STORE
HAS STORE BEEN SELECTED?
Y N

106
STORE NOT SELECTED
GO TO STEP 105, ENTRY POINT AG.

8
K

K
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107
(ENTRY POINT AH)
ON THE PROGRAMMER CONSOLE SELECT MAIN STORAGE
HAS MAIN STORAGE BEEN SELECTED?
Y N

108
MAIN STORAGE NOT SELECTED
GO TO STEP 107, ENTRY POINT AH.

109
INSPECT FOR OTHER THAN 5555 DISPLAYED
IS OTHER THAN 5555 DISPLAYED
Y N

110
STORAGE HAS NOT BEEN CHANGED BY IPL
GO TO PAGE 15, STEP 177, ENTRY POINT AB.

111
DETERMINE FROM CONTROL STATION OR PRINTOUT
WHAT LAST WORD OF IPL DATA SHOULD BE, AND
ADDRESS THAT LAST DATA WAS PUT
DATA AVAILABLE?
Y N

DATA SHOULD BE CODE FOR ETX

112
DATA NOT AVAILABLE
GO TO STEP 123, ENTRY POINT AN.

113
(ENTRY POINT AJ)
ON THE PROGRAMMER CONSOLE SELECT S.A.R.
HAS S.A.R. BEEN SELECTED?
Y N

114
S.A.R. NOT SELECTED
GO TO STEP 113, ENTRY POINT AJ.

115
(ENTRY POINT AK)
INPUT ADDRESS OF LAST IPL DATA INTO S.A.R.
HAS ADDRESS BEEN SET IN S.A.R.?
Y N

116
S.A.R. NOT SET TO DATA ADDRESS
GO TO STEP 115, ENTRY POINT AK.

117
(ENTRY POINT AL)
ON THE PROGRAMMER CONSOLE SELECT STORE
HAS STORE BEEN SELECTED?
Y N

118
STORE NOT SELECTED
GO TO STEP 117, ENTRY POINT AL.

119
(ENTRY POINT AM)
ON THE PROGRAMMER CONSOLE SELECT MAIN STORAGE
HAS MAIN STORAGE BEEN SELECTED?
Y N

120
MAIN STORAGE NOT SELECTED
GO TO STEP 119, ENTRY POINT AM.

121
INSPECT FOR CORRECT DATA IN STORAGE FROM IPL
IS CORRECT DATA DISPLAYED IN STORAGE?
Y N

122
TRANSMITTED DATA ERROR, SUSPECT ADAPTER

123
(ENTRY POINT AN)
SET INDICATOR SWITCHES TO 01100000
ARE SWITCHES SET TO 01100000?
Y N

9 9
L M

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L M
8 8

MAP F071-9

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124
SWITCHES NOT SET
GO TO PAGE 8, STEP 123, ENTRY POINT AN.

125
INSPECT LAMPS 0 THROUGH 3
ARE ANY OF LAMPS 0 THROUGH 3 ON?
Y N

126
(ENTRY POINT AP)
NO LAMPS ON, SET INDICATOR PANEL SWITCHES TO
11011000
ARE SWITCHES SET?
Y N

127
SWITCHES NOT SET
GO TO STEP 126,
ENTRY POINT AP.

128
INSPECT INDICATOR PANEL LAMPS 1 AND 2
ARE EITHER OF THE LAMPS ON?
Y N

129
DATA OK SUSPECT PROCESSING UNIT PROBLEM

130
CARD NOT RESETTING IPL FLAG, SUSPECT CARD

131
INSPECT LAMP 2 FOR MODEM INTERFACE ERROR
IS LAMP 2 ON?
Y N

132
INSPECT LAMP 1 FOR TIME-OUT ERROR
IS LAMP 1 ON?
Y N

133
INSPECT LAMP 0 FOR OVERRUN
IS LAMP 0 ON?
Y N

134
INSPECT LAMP 3 FOR BCC ERROR
IS LAMP 3 ON?
Y N

135
WRONG STEP TAKEN, RETURN TO ENTRY
POINT AP

136
BCC ERROR, SUSPECT NOISY TRANSMISSION
LINE OR ADAPTER CARD

137
OVERRUN ERROR, EXCHANGE ADAPTER CARD
VERIFY THE REPAIR.

138
TIME-OUT ERROR, EXCHANGE ADAPTER CARD
VERIFY THE REPAIR.

139
MODEM INTERFACE ERROR, SUSPECT MODEM CABLE OR
CARD

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140
(ENTRY POINT GG)
DETERMINE IF INTERNAL CLOCK JUMPER ON
IS INTERNAL CLOCK JUMPER ON?
Y N
|
| 141
| INTERNAL CLOCK NOT ON GO INSPECT MODEM RATE
| GO TO PAGE 11, STEP 143, ENTRY POINT JJ.
|
| 142
| CONTINUE AT ENTRY POINT HH
| GO TO PAGE 12, STEP 148, ENTRY POINT HH.

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143
ENTRY POINT JJ)
INSPECT MODEM RATE
IS MODEM SET TO HALF RATE?
Y N
144
CONTINUE AT ENTRY POINT HH
GO TO PAGE 12, STEP 148, ENTRY POINT HH.
145
INSPECT CONTROL STATION RATE
IS CONTROL STATION TRANSMITTING AT HALF RATE?
Y N
146
CONTROL STATION AT FULL RATE WHILE MODEM IS
AT HALF RATE SET MODEM TO FULL RATE AND
REPEAT IPL SEQUENCE
147
CONTINUE AT ENTRY POINT HH
GO TO PAGE 12, STEP 148, ENTRY POINT HH.

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148
(ENTRY POINT HH)
SET INDICATOR SWITCHES TO 10110000
ARE SWITCHES SET TO 10110000?
Y N
149
SWITCHES NOT SET
GO TO STEP 148, ENTRY POINT HH.
150
(ENTRY POINT KK)
START IPL SEQUENCE
HAS IPL BEEN STARTED?
Y N
151
IPL HAS NOT BEEN STARTED
GO TO STEP 150, ENTRY POINT KK.
152
INSPECT LOAD LAMP
IS LOAD LAMP ON?
Y N
153
LOAD LAMP NOT ON
GO TO PAGE 13, STEP 155, ENTRY POINT LL.
154
LOAD LAMP ON CONTINUE AT ENTRY POINT RR
GO TO PAGE 6, STEP 075, ENTRY POINT RR.

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155
(ENTRY POINT LL)
START IPL SEQUENCE AND OBSERVE LAMP 5 ON
INDICATOR PANEL FOR CHARACTER PHASE
DID LAMP 5 FLASH?
Y N

156
GO INSPECT MODEM CABLE RECEIVE DATA LINE
GO TO PAGE 14, STEP 172, ENTRY POINT MM.

157
(ENTRY POINT NN)
SET INDICATOR SWITCHES TO 11011000
ARE SWITCHES SET?
Y N

158
SWITCHES NOT SET
GO TO STEP 157, ENTRY POINT NN.

159
START IPL SEQUENCE AND OBSERVE LAMPS 1 AND 2
DID LAMPS FLASH?
Y N

160
IPL FLAG MISSING EXCHANGE CARD
VERIFY THE REPAIR.

161
(ENTRY POINT PP)
SET INDICATOR SWITCHES TO 10000000
ARE SWITCHES SET?
Y N

162
SWITCHES NOT SET
GO TO STEP 161, ENTRY POINT PP.

163
DETERMINE IF RECEIVE MODE
IS LAMP 7 ON INDICATOR PANEL ON?
Y N

164
ADAPTER FAILED TO GO INTO RECEIVE MODE
EXCHANGE CARD
VERIFY THE REPAIR.

165
(ENTRY POINT QQ)
SET INDICATOR SWITCHES TO 10110000
ARE SWITCHES SET?
Y N

166
SWITCHES NOT SET
GO TO STEP 165, ENTRY POINT QQ.

167
START IPL SEQUENCE AND OBSERVE LAMP 3 FOR
TRANSPARENT MODE
DID LAMP FLASH OR REMAIN ON?
Y N

168
TRANSPARENT MODE FAILED EXCHANGE CARD
VERIFY THE REPAIR.

169
INSPECT LOAD LAMP
IS LOAD LAMP ON?
Y N

170
IPL SEQUENCE FROM CONTROL STATION BAD OR
CARD BAD. IF THIS IS FIRST INSTALLATION FOR
IPL SUSPECT CONTROL STATION IPL PROGRAM. IF
PRECEDING IPL WAS GOOD SUSPECT CARD

171
LOAD LAMP GO TO ENTRY POINT RR TO CONTINUE
GO TO PAGE 6, STEP 075, ENTRY POINT RR.

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172
(ENTRY POINT MM)
DISCONNECT MODEM CABLE FROM MODEM AND ADAPTER
CARD
IS MODEM CABLE DISCONNECTED?

Y N

173
CABLE NOT DISCONNECTED
GO TO STEP 172, ENTRY POINT MM.

174
CHECK MODEM CABLE RECEIVE LINE, SEE CHART

RS 232	V.35	WE 303
PIN B04 CARD	PIN B12 CARD	PIN A07 CARD
PIN 3 MODEM	PIN T MODEM	PIN K MODEM

IS RECEIVE DATA LINE GOOD?

Y N

175
MODEM CABLE RECEIVE DATA WIRE BAD
REPAIR/EXCHANGE CABLE
VERIFY THE REPAIR.

176
CHARACTER PHASE FAILED IN ADAPTER CARD
EXCHANGE CARD
VERIFY THE REPAIR.

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177
(ENTRY POINT AB)
SET INDICATOR PANEL SWITCHES TO 01000000
ARE SWITCHES SET?
Y N
178
SWITCHES NOT SET
GO TO STEP 177, ENTRY POINT AB.
179
(ENTRY POINT AQ)
START IPL SEQUENCE FROM CONTROL STATION
HAS IPL BEEN STARTED?
Y N
180
IPL NOT STARTED
GO TO STEP 179, ENTRY POINT AQ.
181
OBSERVE INDICATOR LAMPS FOR INCOMING DATA
DURING IPL
DID LAMPS FLASH?
Y N
182
NO DATA RECEIVED SUSPECT ADAPTER CARD
183
DATA WAS RECEIVED SUSPECT PROCESSING UNIT

OBSERVE INDICATOR PANEL DURING IPL SEQUENCE