19. Connectivity Fault Management Protocol(s)

Figure 19-1

BEGIN || ! MEPactive || ! AIGenabled

AIG_IDLE
AIGwhile = 0;

UCT

AIG_NO_FAILURE
AIGwhile = 0;

someRMEPfailed

AIG_TRANSMIT_1
xmitAIS();
AIGwhile = AIGinterval;

! someRMEPfailed

someRMEPfailed &&
AIGwhile == 0

AIG_TRANSMIT_2
xmitAIS();

Figure 19-1—EFF Alarm Indication Generator State Machine REVISED

Figure 19-2

BEGIN || ! MEPactive

CCI_IDLE

CCIenabled

CCI_WAITING
xmitNormalCCM();
CCIwhile = CCIinterval;

CCIenabled &&
(CCIwhile == 0)

CCI_TERMINATING_1
xmitTerminalCCM();
CCIwhile = max(CCIinterval, 1 sec.);

CCIenabled &&
CCIwhile == 0

CCI_TERMINATING_2
xmitTerminalCCM();
CCIwhile = max(CCIinterval, 1 sec.);

UCT

Figure 19-2—IFF Continuity Check Initiator State Machine

Figure 19-3

Figure 19-4

Figure 19-5
Figure 19-3—IFF Remote MEP Error State Machine NEW

Figure 19-4—IFF Remote MEP State Machine REVISED
Figure 19-5—IFF Alarm Indication Signal Receiver State Machine REVISED

Figure 19-7

Figure 19-8

Figure 19-9
Figure 19-6—IFF Loopback Initiator State Machine
Figure 19-8—IFF Linktrace Forwarder State Machine

Figure 19-9—Fault Alarm Generator State Machine NEW