



COVERING NOTE

GENERAL SECRETARIAT INTERNATIONAL TELECOMMUNICATION UNION

Geneva, 12 March 2004

ITU – TELECOMMUNICATION
STANDARDIZATION SECTOR

Subject: Erratum 1 (03/2004) to

ITU-T Recommendation Q.2140 (1995), *B-ISDN ATM adaptation layer – Service specific coordination function for signalling at the network node interface (SSCF at NNI)*

In the process of publishing ITU-T Rec. Q.2140 (02/95), the states 2/4/2, 3/10/5, 2/10/3, 2/10/4 in the second half of Table 6/Q.2140 have been overwrote by states 1/1/1, 1/4/1, 2/1/2, 2/2/2 of the first half of Table 6/Q.2140. This Erratum provides the corrections to the heading of Table 6/Q.2140 required to reflect the agreed state transition table.

Table 6/Q.2140 – State transition table for SSCF at the NNI (first half)

State	Out Of Service/Idle 1/1/1	Out Of Service/ Outgoing Disconnection Pending 1/4/1	Alignment/Idle 2/1/2	Alignment/ Outgoing Connection Pending 2/2/2
SSCF Timers running			T1, T2	T2
Event				
AAL-START-request	AA-ESTABLISH-request {SSCOP-UU := NM or EM, BR := No} (Note 2) MAAL-REPORT-indication {-,ALN,-} Set T2 2/2/2	AA-ESTABLISH-request {SSCOP-UU := NM or EM, BR := No} (Note 2) MAAL-REPORT-indication {-,ALN,-} Set T2 2/2/2	Illegal	Illegal
AAL-STOP-request	Illegal	Illegal	Reset T1, T2 Set UPS = NM MAAL-REPORT-indication {-,OOS,-} 1/1/1	AA-RELEASE-request {SSCOP-UU := OOS} Reset T2 Set UPS = NM MAAL-REPORT-indication {-,OOS,-} 1/4/1

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SSCF Timers running			T1, T2	T2
Event				
AAL-EMERGENCY- request	Set UPS = EM 1/1/1	Set UPS = EM 1/4/1	Set UPS = EM 2/1/2	Set UPS = EM 2/2/2
AAL- EMERGENCY_ CEASES-request	Set UPS = NM 1/1/1	Set UPS = NM 1/4/1	Set UPS = NM 2/1/2	Set UPS = NM 2/2/2
AAL- MESSAGE FOR TRANSMISSION- request	Illegal	Illegal	Illegal	Illegal
AAL-RETRIEVE_ BSNT-request	IF BSNT available then AAL-BSNT-confirm {Parameter Data := BSNT} (Note 4) else AAL-BSNT_NOT_ RETRIEVABLE- confirm 1/1/1	IF BSNT available then AAL-BSNT-confirm {Parameter Data := BSNT} (Note 4) else AAL-BSNT_NOT_ RETRIEVABLE- confirm 1/4/1	Illegal	Illegal
AAL-RETRIEVAL_ REQUEST_AND_ FSNC-request	AA-RETRIEVE- request {RN := Parameter Data} 1/1/1	AA-RETRIEVE- request {RN := Parameter Data} 1/4/1	Illegal	Illegal
AAL-FLUSH_ BUFFERS-request	1/1/1	1/4/1	Illegal	Illegal
AAL-CONTINUE- request	1/1/1	1/4/1	Illegal	Illegal
AA-ESTABLISH- indication with SSCOP-UU = EM, NM	IF (LPO = 0) then AA-RELEASE-request {SSCOP-UU := OOS} else AA-RELEASE- request {SSCOP-UU := PO} 1/1/1	Illegal	AA-ESTABLISH- response {SSCOP- UU := NM or EM, BR := No} (Note 2) MAAL-PROVING- indication Reset T1 (Note 1) Generate N1 Set C1 = N1 Set T3, Reset INS flag 2/10/3	Illegal
AA-ESTABLISH- indication with SSCOP-UU = others	IF (LPO = 0) then AA-RELEASE-request {SSCOP-UU := OOS} else AA-RELEASE-request {SSCOP-UU := PO} 1/1/1	Illegal	AA-RELEASE- request {SSCOP-UU := PE} MAAL-REPORT- indication {LR,-,PE} 2/1/2	Illegal

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State	Out Of Service/Idle 1/1/1	Out Of Service/ Outgoing Disconnection Pending 1/4/1	Alignment/Idle 2/1/2	Alignment/ Outgoing Connection Pending 2/2/2
SSCF Timers running			T1, T2	T2
Event				
AA-ESTABLISH- confirm with SSCOP-UU = EM, NM	Illegal	Illegal	Illegal	MAAL-PROVING- indication Generate N1 Set C1 = N1 Set T3 (Note 1) Reset INS flag 2/10/3
AA-ESTABLISH- confirm with SSCOP-UU = others	Illegal	Illegal	Illegal	AA-RELEASE-request {SSCOP-UU := PE} MAAL-REPORT- indication {LR,-,PE} 2/4/2
AA-RELEASE- indication with Source = User	Illegal	Illegal	Illegal	MAAL-REPORT- indication {RR,-,SSCOP-UU} Set T1 2/1/2
AA-RELEASE- indication with Source = SSCOP	Illegal	Illegal	Illegal	MAAL-REPORT- indication {SR,-,-} Set T1 2/1/2
AA-RELEASE- confirm	Illegal	1/1/1	Illegal	Illegal
AA-DATA-indication with MU > 4 octets	Illegal	Illegal	Illegal	Illegal
AA-DATA-indication with MU = 4 octets and PDU type = INS	Illegal	Illegal	Illegal	Illegal
AA-DATA-indication with MU = 4 octets and PDU type = NM	Illegal	Illegal	Illegal	Illegal
AA-DATA-indication with MU < 4 octets or (PDU type _ NM, or INS)	Illegal	Illegal	Illegal	Illegal
AA-RESYNC.- indication	Illegal	Illegal	Illegal	Illegal
AA-RECOVER- indication	Illegal	Illegal	Illegal	Illegal
AA-UNITDATA- indication	MAAL-REPORT- indication {-,-,UDR} 1/1/1	MAAL-REPORT- indication {-,-,UDR} 1/4/1	MAAL-REPORT- indication {-,-,UDR} 2/1/2	MAAL-REPORT- indication {-,-,UDR} 2/2/2