

I
iTeh STANDARD PREVIEW
(standards.itih.ai)
Test Suite Overview

[ISO/IEC 8882-3:2000](https://standards.itih.ai/catalog/standards/sist/df00bd47-2c9c-4c10-a985-a7096d085df0/iso-iec-8882-3-2000)

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Test Suite Structure			
Test Group Reference	Selection Ref	Test Group Objective	Page Nr
P6/	STATE_P6	Verification of DTE Clear Request state P6.	
P6/P6_Proper/		Proper packets	
P6/P6_Improper/		Improper packets	
P6/P6_Inopportune/		Inopportune packets	
P7/	STATE_P7	Verification of DXE Clear Indication state P7.	
P7/P7_Improper/		Improper packets	
P7/P7_Inopportune/		Inopportune packets	
D1/	STATE_D1	Verification of Flow Control Ready state D1.	
D1/D1_Proper/		Proper packets	
D1/D1_Improper/		Improper packets	
D1/D1_Inopportune/		Inopportune packets	
D2/	STATE_D2	Verification of DTE Reset Request state D2.	
D2/D2_Proper/		Proper packets	
D2/D2_Improper/		Improper packets	
D2/D2_Inopportune/		Inopportune packets	
D3/	STATE_D3	Verification of DXE Reset Indication D3.	
D3/D3_Improper/		Improper packets	
D3/D3_Inopportune/		Inopportune packets	
I1/	STATE_D1	Verification of DTE Interrupt Ready state I1.	
I1/I1_Improper/		Improper packets	
I1/I1_Inopportune/		Inopportune packets	
I2/	STATE_I2	Verification of DTE Interrupt Sent state I2.	
I2/I2_Proper/		Proper packets	
I2/I2_Improper/		Improper packets	
J1/	STATE_J1	Verification of DTE Interrupt Ready state J1.	
J1/J1_Proper/		Proper packets	
J1/J1_Improper/		Improper packets	
J2/	STATE_J2	Verification of DTE Interrupt Sent state J2.	
J2/J2_Improper/		Improper packets	
J2/J2_Inopportune/		Inopportune packets	
F1/	STATE_D1	Verification of DTE Receive Ready state F1.	
F1/F1_Proper/		Proper packets	
F1/F1_Improper/		Improper packets	
F1/F1_Inopportune/		Inopportune packets	
F2/	STATE_D1	Verification of DXE Receive Not Ready state F2.	

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Test Suite Structure			
Test Group Reference	Selection Ref	Test Group Objective	Page Nr
F2/F2_Proper/ F2/F2_Improper/ F2/F2_Inopportune/ G1/	RD	Proper packets Improper packets Inopportune packets Verification of DTE Receive Ready state G1.	
G1/G1_Proper/ G1/G1_Improper/ G1/G1_Inopportune/ DATA_TRANSFER/ DATA_TRANSFER/DATA_TRANSF ER_Proper/ DATA_TRANSFER/DATA_TRANSF ER_Improper/ TG_TIMER/ TG_TIMER/TG_TIMER_Proper/ ADDRESS/ ADDRESS/ADDRESS_Proper/ ADDRESS/ADDRESS_Improper/ FACILITY/ FACILITY/FACILITY_Proper/ FACILITY/FACILITY_Improper/ REGISTRATION/ REGISTRATION/REGISTRATION_ Proper/ MULTIPLE_LCI/ MULTIPLE_LCI/MULTIPLE_LCI_Pr oper/ DTE_TO_DTE/ DTE_TO_DTE/DTE_TO_DTE_Prop er/	SD S2 VS REG VS	Proper packets Improper packets Inopportune packets Data transfer tests cases. Proper packets Improper packets Verification of DTE Timers. Proper packets Addressing test cases. Proper packets Improper packets Verification of DTE optional facilities. Proper packets Improper packets Verification of the Registration procedures. Proper packets Logical Channel Identifier Assignment test cases. Proper packets	
Detailed Comments :			

Test Case Index				
Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
R1/R1_Proper/	P1_101		Verify the IUT accepts a Restart Indication in R1.	
R1/R1_Proper/	P1_102		Verify the IUT does not respond to a Diagnostic packet received in state R1.	
R1/R1_Proper/	P1_103	ASP_SUPPORT	Verify the IUT initiates the Restart procedure after the Data Link Layer initialization procedure is completed.	
R1/R1_Improper/	P1_201A		Verify the IUT discards an Incoming Call with LCI=0 while in state R1.	
R1/R1_Improper/	P1_201B		Verify the IUT discards a Call Connected packet on LCI=0 while in state R1.	
R1/R1_Improper/	P1_201C		Verify the IUT discards a Clear Indication packet on LCI=0 while in state R1.	
R1/R1_Improper/	P1_201D		Verify the IUT discards a Clear Confirmation packet on LCI=0 while in state R1.	
R1/R1_Improper/	P1_201E		Verify the IUT discards a Data packet on LCI=0 while in state R1.	
R1/R1_Improper/	P1_201F		Verify the IUT discards an Interrupt packet on LCI=0 while in state R1.	
R1/R1_Improper/	P1_201G		Verify the IUT discards an Interrupt Confirmation packet on LCI=0 while in state R1.	
R1/R1_Improper/	P1_201H		Verify the IUT discards a Receive Ready (RR) packet on LCI=0 while in state R1.	
R1/R1_Improper/	P1_201I		Verify the IUT discards a Receive Not Ready (RNR) packet on LCI=0 while in state R1.	
R1/R1_Improper/	P1_201J		Verify the IUT discards a Reset Indication packet on LCI=0 while in state R1.	
R1/R1_Improper/	P1_201K		Verify the IUT discards a Reset Confirmation packet on LCI=0 while in state R1.	

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
R1/R1_Improper/	P1_201L		Verify the IUT discards a Reject packet on LCI=0 while in state R1.	
R1/R1_Improper/	P1_202		Verify the IUT discards or restarts a too short Restart Indication (no cause code or diagnostic fields) packet received in state R1.	
R1/R1_Improper/	P1_203		Verify the IUT discards or restarts a too long Restart Indication (one octet after the Diagnostic field) received in state R1.	
R1/R1_Improper/	P1_204		Verify the IUT discards or restarts a too long Restart Confirmation (one octet appended to the end of the packet) received in state R1.	
R1/R1_Improper/	P1_206	NOTCCITT	Verify the IUT discards a Diagnostic packet with an assigned LCN not equal to zero received in state R1.	
R1/R1_Improper/	P1_207	NOTCCITT	Verify the IUT discards a too short Diagnostic packet (no diagnostic or explanation fields) received in state R1.	
R1/R1_Improper/	P1_208	NOTCCITT	Verify the IUT discards a too long Diagnostic packet (explanation field of three octets plus one appended octet) received in state R1.	
R1/R1_Improper/	P1_209		Verify the IUT discards packet of length one octet received in state R1.	
R1/R1_Improper/	P1_210		Verify the IUT discards Restart Indications with an invalid GFI received in state R1.	
R1/R1_Improper/	P1_211A		Verify the IUT discards a Incoming Call with unassigned LCI received in state R1.	
R1/R1_Improper/	P1_211B		Verify the IUT discards a Call Connected packet with unassigned LCI received in state R1.	

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
R1/R1_Improper/	P1_211C		Verify the IUT discards a Clear Indication with unassigned LCI received in state R1.	
R1/R1_Improper/	P1_211D		Verify the IUT discards a Clear Confirmation with unassigned LCI received in state R1.	
R1/R1_Improper/	P1_211E		Verify the IUT discards a Data packet with unassigned LCI received in state R1.	
R1/R1_Improper/	P1_211F		Verify the IUT discards an Interrupt packet with unassigned LCI received in state R1.	
R1/R1_Improper/	P1_211G		Verify the IUT discards an Interrupt Confirmation with unassigned LCI received in state R1.	
R1/R1_Improper/	P1_211H		Verify the IUT discards a Receive Ready (RR) with unassigned LCI received in state R1.	
R1/R1_Improper/	P1_211I		Verify the IUT discards a Receive Not Ready (RNR) with unassigned LCI received in state R1.	
R1/R1_Improper/	P1_211J		Verify the IUT discards a Reset Indication with unassigned LCI received in state R1.	
R1/R1_Improper/	P1_211K		Verify the IUT discards a Reset Confirmation with unassigned LCI received in state R1.	
R1/R1_Improper/	P1_211L		Verify the IUT discards a Reject packet with unassigned LCI received in state R1.	
R1/R1_Inopportune/	P1_301		Verify the IUT restarts a Restart Confirmation with the correct diagnostic code received in state R1.	
R2/R2_Proper/	P2_101		Verify the R2 to R1 transition via Restart Indication.	
R2/R2_Proper/	P2_102		Verify the R2 to R1 transition via Restart Confirmation.	

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
R2/R2_Proper/	P2_103		Verify the IUT does not respond to a Diagnostic packet received in state R2.	
R2/R2_Improper/	P2_201		Verify the IUT discards a packet of length two octets received in state R2.	
R2/R2_Improper/	P2_202A		Verify the IUT discards an Incoming Call with LCI=0 received in state R2.	
R2/R2_Improper/	P2_202B		Verify the IUT discards a Call Connected packet with LCI=0 received in state R2.	
R2/R2_Improper/	P2_202C		Verify the IUT discards a Clear Indication with LCI=0 received in state R2.	
R2/R2_Improper/	P2_202D		Verify the IUT discards a Clear Confirmation with LCI=0 received in state R2.	
R2/R2_Improper/	P2_202E		Verify the IUT discards a Data packet with LCI=0 received in state R2.	
R2/R2_Improper/	P2_202F		Verify the IUT discards an Interrupt packet with LCI=0 received in state R2.	
R2/R2_Improper/	P2_202G		Verify the IUT discards an Interrupt Confirmation with LCI=0 received in state R2.	
R2/R2_Improper/	P2_202H		Verify the IUT discards a Receive Ready (RR) with LCI=0 received in state R2.	
R2/R2_Improper/	P2_202I		Verify the IUT discards a Receive Not Ready (RNR) with LCI=0 received in state R2.	
R2/R2_Improper/	P2_202J		Verify the IUT discards a Reset Indication with LCI=0 received in state R2.	
R2/R2_Improper/	P2_202K		Verify the IUT discards a Reset Confirmation with LCI=0 received in state R2.	
R2/R2_Improper/	P2_202L		Verify the IUT discards a Reject packet with LCI=0 received in state R2.	

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
R2/R2_Improper/	P2_203A		Verify the IUT discards an unidentified packet on logical channel zero received in state R2.	
R2/R2_Improper/	P2_203B		Verify the IUT discards an unidentified packet on a valid logical channel received in state R2.	
R2/R2_Improper/	P2_203C		Verify the IUT discards an unidentified packet on an unassigned logical channel received in state R2.	
R2/R2_Improper/	P2_204		Verify the IUT discards a Restart Indication with LCI not equal to zero received in state R2.	
R2/R2_Improper/	P2_205		Verify the IUT discards a Restart Confirmation with LCI not equal to zero received in state R2.	
R2/R2_Improper/	P2_206		Verify the IUT restarts a too short Restart Indication received in state R2.	
R2/R2_Improper/	P2_207		Verify the IUT restarts a too long Restart Indication received in state R2.	
R2/R2_Improper/	P2_208		Verify the IUT restarts a too long Restart Confirmation received in state R2.	
R2/R2_Improper/	P2_210	NOTCCITT	Verify the IUT does not respond to a Diagnostic packet on an assigned LCI not equal to zero received in state R2.	
R2/R2_Improper/	P2_211	NOTCCITT	Verify the IUT discards a too short Diagnostic packet (no Diagnostic code or Explanation fields) received in state R2.	
R2/R2_Improper/	P2_212	NOTCCITT	Verify the IUT discards a too long Diagnostic packet (explanation field of three octets plus one appended octet) received in state R2.	

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
R2/R2_Improper/	P2_213		Verify the IUT discards a too short packet (length of one octet) received in state R2.	
R2/R2_Improper/	P2_214		Verify the IUT discards a Restart Indications with an invalid GFI received in state R2.	
R2/R2_Improper/	P2_215A		Verify the IUT discards an Incoming Call on an unassigned LCI received in state R2.	
R2/R2_Improper/	P2_215B		Verify the IUT discards a Call connected packet on an unassigned LCI received in state R2.	
R2/R2_Improper/	P2_215C		Verify the IUT discards a Clear Indication on an unassigned LCI received in state R2.	
R2/R2_Improper/	P2_215D		Verify the IUT discards a Clear Confirmation on an unassigned LCI received in state R2.	
R2/R2_Improper/	P2_215E		Verify the IUT discards a Data packet on an unassigned LCI received in state R2.	
R2/R2_Improper/	P2_215F		Verify the IUT discards a Interrupt packet on an unassigned LCI received in state R2.	
R2/R2_Improper/	P2_215G		Verify the IUT discards an Interrupt Confirmation on an unassigned LCI received in state R2.	
R2/R2_Improper/	P2_215H		Verify the IUT discards a Receive Ready (RR) on an unassigned LCI received in state R2.	
R2/R2_Improper/	P2_215I		Verify the IUT discards a Receive Not Ready (RNR) on an unassigned LCI received in state R2.	
R2/R2_Improper/	P2_215J		Verify the IUT discards a Reset Indication on an unassigned LCI received in state R2.	
R2/R2_Improper/	P2_215K		Verify the IUT discards a Reset Confirmation on an unassigned LCI received in state R2.	

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
R2/R2_Improper/	P2_215L		Verify the IUT discards a Reject packet on an unassigned LCI received in state R2.	
R2/R2_Improper/	P2_215M		Verify the IUT discards a Restart Indication on an unassigned LCI received in state R2.	
R2/R2_Improper/	P2_215N		Verify the IUT discards a Restart Confirmation on an unassigned LCI received in state R2.	
R2/R2_Inopportune/	P2_301A		Verify the IUT discards an Incoming Call received in state R2.	
R2/R2_Inopportune/	P2_301B		Verify the IUT discards a Call Connected packet received in state R2.	
R2/R2_Inopportune/	P2_301C		Verify the IUT discards a Clear Indication received in state R2.	
R2/R2_Inopportune/	P2_301D		Verify the IUT discards a Clear Confirmation received in state R2.	
R2/R2_Inopportune/	P2_301E		Verify the IUT discards a Data packet received in state R2.	
R2/R2_Inopportune/	P2_301F		Verify the IUT discards an Interrupt received in state R2.	
R2/R2_Inopportune/	P2_301G		Verify the IUT discards an Interrupt Confirmation received in state R2.	
R2/R2_Inopportune/	P2_301H		Verify the IUT discards a Receive Ready (RR) received in state R2.	
R2/R2_Inopportune/	P2_301I		Verify the IUT discards a Receive Not Ready (RNR) received in state R2.	
R2/R2_Inopportune/	P2_301J		Verify the IUT discards a Reset Indication received in state R2.	
R2/R2_Inopportune/	P2_301K		Verify the IUT discards a Reset Confirmation received in state R2.	
R2/R2_Inopportune/	P2_301L		Verify the IUT discards a Reject packet received in state R2.	
R3/R3_Proper/	P3_101		Verify the IUT accepts a valid Diagnostic packet received in state R3.	

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
R3/R3_Improper/	P3_201		Verify the IUT restarts or discards a packet of length two octets received in state R3.	
R3/R3_Improper/	P3_202A		Verify the IUT discards an Incoming Call with LCI=0 received state in R3.	
R3/R3_Improper/	P3_202B		Verify the IUT discards a Call Connected packet with LCI=0 received state in R3.	
R3/R3_Improper/	P3_202C		Verify the IUT discards a Clear Indication with LCI=0 received state in R3.	
R3/R3_Improper/	P3_202D		Verify the IUT discards a Clear Confirmation with LCI=0 received state in R3.	
R3/R3_Improper/	P3_202E		Verify the IUT discards a Data packet with LCI=0 received state in R3.	
R3/R3_Improper/	P3_202F		Verify the IUT discards an Interrupt packet with LCI=0 received state in R3.	
R3/R3_Improper/	P3_202G		Verify the IUT discards an Interrupt Confirmation with LCI=0 received state in R3.	
R3/R3_Improper/	P3_202H		Verify the IUT discards a Receive Ready (RR) with LCI=0 received state in R3.	
R3/R3_Improper/	P3_202I		Verify the IUT discards a Receive Not Ready (RNR) packet with LCI=0 received state in R3.	
R3/R3_Improper/	P3_202J		Verify the IUT discards a Reset Indication with LCI=0 received state in R3.	
R3/R3_Improper/	P3_202K		Verify the IUT discards a Reset Confirmation with LCI=0 received state in R3.	
R3/R3_Improper/	P3_202L		Verify the IUT discards a Reject packet with LCI=0 received state in R3.	
R3/R3_Improper/	P3_203A		Verify the IUT restarts or discards an unidentified packet on logical channel zero received in state R3.	

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
R3/R3_Improper/	P3_203B		Verify the IUT restarts or discards an unidentified packet on a valid logical channel received in state R3.	
R3/R3_Improper/	P3_203C		Verify the IUT restarts or discards an unidentified packet on an unassigned logical channel received in state R3.	
R3/R3_Improper/	P3_204	NOTCCITT	Verify IUT restarts a Restart Indication with an assigned LCI not equal to zero, received in state R3.	
R3/R3_Improper/	P3_205	NOTCCITT	Verify IUT restarts a Restart Confirmation with an assigned LCI not equal to zero, received in state R3.	
R3/R3_Improper/	P3_206		Verify the IUT restarts or discards a too short Restart Indication received in state R3.	
R3/R3_Improper/	P3_207		Verify the IUT restarts or discards a too long Restart Indication received in state R3.	
R3/R3_Improper/	P3_208		Verify the IUT restarts or discards a too long Restart Confirmation received in state R3.	
R3/R3_Improper/	P3_210	NOTCCITT	Verify the IUT discards a Diagnostic packet with an assigned LCI not equal to zero received in state R3.	
R3/R3_Improper/	P3_211	NOTCCITT	Verify the IUT discards a too short Diagnostic packet received in state R3.	
R3/R3_Improper/	P3_212	NOTCCITT	Verify the IUT discards a too long Diagnostic packet received in state R3.	
R3/R3_Improper/	P3_213		Verify the IUT discards a too short Diagnostic packet received in state R3.	
R3/R3_Improper/	P3_214		Verify the IUT discards Restart Indications with an invalid GFI received in state R3.	

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
R3/R3_Improper/	P3_215A		Verify the IUT discards an Incoming Call on an unassigned logical channel received in state R3.	
R3/R3_Improper/	P3_215B		Verify the IUT discards an Call Connected on an unassigned logical channel received in state R3.	
R3/R3_Improper/	P3_215C		Verify the IUT discards a Clear Indication on an unassigned logical channel received in state R3.	
R3/R3_Improper/	P3_215D		Verify the IUT discards an Clear Confirmation on an unassigned logical channel received in state R3.	
R3/R3_Improper/	P3_215E		Verify the IUT discards an Data packet on an unassigned logical channel received in state R3.	
R3/R3_Improper/	P3_215F		Verify the IUT discards an Interrupt on an unassigned logical channel received in state R3.	
R3/R3_Improper/	P3_215G		Verify the IUT discards an Interrupt Confirmation on an unassigned logical channel received in state R3.	
R3/R3_Improper/	P3_215H		Verify the IUT discards a Receive Ready (RR) on an unassigned logical channel received in state R3.	
R3/R3_Improper/	P3_215I		Verify the IUT discards a Recieve Not Ready (RNR) on an unassigned logical channel received in state R3.	
R3/R3_Improper/	P3_215J		Verify the IUT discards a Reset Indication on an unassigned logical channel received in state R3.	

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Test Group Reference	Test Case Id	Selection Ref	Description	Page Nr
R3/R3_Improper/	P3_215K		Verify the IUT discards a Reset Confirmation on an unassigned logical channel received in state R3.	
R3/R3_Improper/	P3_215L		Verify the IUT discards a Reject on an unassigned logical channel received in state R3.	
R3/R3_Improper/	P3_215M		Verify the IUT discards a Restart on an unassigned logical channel received in state R3.	
R3/R3_Improper/	P3_215N		Verify the IUT discards a Restart Confirmation on an unassigned logical channel received in state R3.	
R3/R3_Inopportune/	P3_301		Verify the IUT discards a Restart Indication received in state R3.	
R3/R3_Inopportune/	P3_302		Verify the IUT restarts a Restart Confirmation received in state R3.	
R3/R3_Inopportune/	P3_303A		Verify the IUT restarts an Incoming Call received in state R3.	
R3/R3_Inopportune/	P3_303B		Verify the IUT restarts a Call Connected packet received in state R3.	
R3/R3_Inopportune/	P3_303C		Verify the IUT restarts a Clear Indication received in state R3.	
R3/R3_Inopportune/	P3_303D		Verify the IUT restarts a Clear Confirmation received in state R3.	
R3/R3_Inopportune/	P3_303E		Verify the IUT restarts a Data packet received in state R3.	
R3/R3_Inopportune/	P3_303F		Verify the IUT restarts an Interrupt packet received in state R3.	
R3/R3_Inopportune/	P3_303G		Verify the IUT restarts an Interrupt Confirmation received in state R3.	
R3/R3_Inopportune/	P3_303H		Verify the IUT restarts a Receive Ready (RR) received in state R3.	
R3/R3_Inopportune/	P3_303I		Verify the IUT restarts a Receive Not Ready (RNR) received in state R3.	

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