



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

Q.784.1

Corrigendum 1
(12/99)

SERIES Q: SWITCHING AND SIGNALLING

Specifications of Signalling System No. 7 – Test
specification

ISUP basic call test specification: Validation and
compatibility for ISUP'92 and Q.767 protocols

Corrigendum 1

ITU-T Recommendation Q.784.1 – Corrigendum 1

(Previously CCITT Recommendation)

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ITU-T RECOMMENDATION Q.784.1

ISUP BASIC CALL TEST SPECIFICATION: VALIDATION AND COMPATIBILITY FOR ISUP'92 AND Q.767 PROTOCOLS

CORRIGENDUM 1

Summary

The following changes are made to Recommendation Q.784.1 (07/96):

- Tests 1.4.5 and 8.2.3 are corrected and test 1.4.6 is added.

Source

Corrigendum 1 to ITU-T Recommendation Q.784.1 was prepared by ITU-T Study Group 11 (1997-2000) and was approved under the WTSC Resolution No. 1 procedure on 3 December 1999.

FOREWORD

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The approval of Recommendations by the Members of the ITU-T is covered by the procedure laid down in WTSC Resolution No. 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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Recommendation Q.784.1

ISUP BASIC CALL TEST SPECIFICATION: VALIDATION AND COMPATIBILITY FOR ISUP'92 AND Q.767 PROTOCOLS

CORRIGENDUM 1

(Geneva, 1999)

1) Correct Test No. 1.4.5

ISUP Basic Call Test Specification

TEST NUMBER:		1.4.5				
TITLE:		Continuity check procedure				
SUBTITLE:		CCR not received: unsuccessful; verify T27 timer				
PURPOSE:		To verify that the continuity check procedure for the proper alignment of circuits can be correctly received				
REFERENCES:		Q.767: D.2.1.8/Q.767		ISUP'92: 2.1.8/Q.764		
PRE-TEST CONDITIONS:		a) Continuity check is required. b) Ensure that no backward check tone is detected within the specified time out. c) The data in SP B is arranged such that no CCR message is generated.				
TYPE OF TEST:		Q.767 VAT	Q.767 CPT	ISUP'92 VAT	ISUP'92 CPT	Comb. CPT
		X		X		
EXPECTED MESSAGE SEQUENCE:						
<div><div>SP A</div><div>SP B</div><div><div><div>←</div><div>IAM</div></div><div><div>←</div><div>Check tone</div></div><div><div>←</div><div>COT (failed)</div></div><div><div>T27</div><div>↑</div></div><div><div>RSC</div><div>↓</div></div><div><div>→</div><div>RLC</div></div></div></div>						
	TEST DESCRIPTION					
1	Make a call from SP B to SP A. Record the message sequence using a signal monitor.					
2	CHECK A: IS T27 INITIATED AT SP A TO WAIT FOR CCR?...					
3	CHECK B: WAS THE MESSAGE SEQUENCE AS ABOVE?...					

2) Add Test No. 1.4.6

ISUP Basic Call Test Specification

TEST NUMBER:		1.4.6				
TITLE:		Continuity check procedure				
SUBTITLE:		CCR not received: unsuccessful; verify T27 timer				
PURPOSE:		To verify that the continuity check procedure for the proper alignment of circuits can be correctly received				
REFERENCES:		Q.767: D.2.1.8/Q.767		ISUP'92: 2.1.8/Q.764		
PRE-TEST CONDITIONS:		a) Continuity check is required. b) Ensure that no backward check tone is detected within the specified time out. c) The data in SP B is arranged such that no second CCR message is generated.				
TYPE OF TEST:		Q.767 VAT	Q.767 CPT	ISUP'92 VAT	ISUP'92 CPT	Comb. CPT
		X		X		
EXPECTED MESSAGE SEQUENCE:						
<div><div><div>SP A</div><div><div><div>↑</div><div>T27</div><div>↓</div></div><div>RSC</div></div></div><div><div><div>←</div><div>←</div><div>←</div><div>←</div><div>←</div></div><div><div>←</div><div>←</div><div>←</div><div>←</div><div>←</div></div></div><div><div>SP B</div><div>CCR</div><div>Check tone</div><div>COT (failed)</div><div>RLC</div></div></div>						
	TEST DESCRIPTION					
1	Initiate a continuity check procedure from SP B to SP A with an explicit CCR message. Record the message sequence using a signal monitor.					
2	CHECK A: IS T27 INITIATED AT SP A TO WAIT FOR CCR?...					
3	CHECK B: WAS THE MESSAGE SEQUENCE AS ABOVE?...					

3) Correct Test No. 8.2.3

ISUP Basic Call Test Specification

TEST NUMBER:		8.2.3			
TITLE:		ISUP availability control			
SUBTITLE:		T4: failure to receive a response to a UPT			
PURPOSE:		To verify that SP A is able to restart the availability test procedure after expiry of timer T4			
REFERENCES:	Q.767:		ISUP'92: 2.13/Q.764		
PRE-TEST CONDITIONS:		Arrange that ISUP of SP B becomes unavailable for SP A, e.g. by sending a MTP user part unavailable message (UPU) with the cause "user part unavailability – inaccessible remote user" from SP B to SP A. Arrange for SP B that a user part available message will not be returned			
TYPE OF TEST:	Q.767 VAT	Q.767 CPT	ISUP'92 VAT	ISUP'92 CPT	Comb. CPT
			X		
EXPECTED MESSAGE SEQUENCE:					
<div><div>SP A</div><div>SP B</div><div><div>UPT ↑</div><div>T4</div><div>UPT ↓</div></div><div><div>→</div><div>→</div></div></div>					
	TEST DESCRIPTION				
1	Arrange for SP A to send a user part test message. Record the message sequence using a signal monitor.				
2	CHECK A: WAS A USER PART TEST MESSAGE SENT AFTER T4 EXPIRED?...				
3	CHECK B: WAS THE MESSAGE SEQUENCE AS ABOVE?...				

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