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)

ITU-T Q-SERIES RECOMMENDATIONS

SWITCHING AND SIGNALLING

For further details, please refer to ITU-T List of Recommendations.

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.

FOREWORD

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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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As of the date of approval of this Recommendation, the ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementors are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database.

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:

	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:

	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:

	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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