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ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

Q.784.3

Amendment 1
(12/2000)

SERIES Q: SWITCHING AND SIGNALLING

**Specifications of Signalling System No. 7 – Test
specification**

**ISUP'97 basic call control procedures – Test suite
structure and test purposes (TSS & TP)**

Amendment 1

ITU-T Recommendation Q.784.3 – Amendment 1

(Formerly CCITT Recommendation)

ITU-T Q-SERIES RECOMMENDATIONS
SWITCHING AND SIGNALLING

SIGNALLING IN THE INTERNATIONAL MANUAL SERVICE	Q.1–Q.3
INTERNATIONAL AUTOMATIC AND SEMI-AUTOMATIC WORKING	Q.4–Q.59
FUNCTIONS AND INFORMATION FLOWS FOR SERVICES IN THE ISDN	Q.60–Q.99
CLAUSES APPLICABLE TO ITU-T STANDARD SYSTEMS	Q.100–Q.119
SPECIFICATIONS OF SIGNALLING SYSTEMS No. 4 AND No. 5	Q.120–Q.249
SPECIFICATIONS OF SIGNALLING SYSTEM No. 6	Q.250–Q.309
SPECIFICATIONS OF SIGNALLING SYSTEM R1	Q.310–Q.399
SPECIFICATIONS OF SIGNALLING SYSTEM R2	Q.400–Q.499
INTERWORKING OF SIGNALLING SYSTEMS	Q.600–Q.699
SPECIFICATIONS OF SIGNALLING SYSTEM No. 7	Q.700–Q.799
General	Q.700
Message transfer part (MTP)	Q.701–Q.709
Signalling connection control part (SCCP)	Q.711–Q.719
Telephone user part (TUP)	Q.720–Q.729
ISDN supplementary services	Q.730–Q.739
Data user part	Q.740–Q.749
Signalling System No. 7 management	Q.750–Q.759
ISDN user part	Q.760–Q.769
Transaction capabilities application part	Q.770–Q.779
Test specification	Q.780–Q.799
Q3 INTERFACE	Q.800–Q.849
DIGITAL SUBSCRIBER SIGNALLING SYSTEM No. 1	Q.850–Q.999
PUBLIC LAND MOBILE NETWORK	Q.1000–Q.1099
INTERWORKING WITH SATELLITE MOBILE SYSTEMS	Q.1100–Q.1199
INTELLIGENT NETWORK	Q.1200–Q.1699
SIGNALLING REQUIREMENTS AND PROTOCOLS FOR IMT-2000	Q.1700–Q.1799
BROADBAND ISDN	Q.2000–Q.2999

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

ITU-T Recommendation Q.784.3

ISUP'97 basic call control procedures – Test suite structure and test purposes (TSS & TP)

AMENDMENT 1

Summary

This amendment contains the **PIXIT** proforma (Annex B) and the **PCTR** proforma (Annex C) to ITU-T Q.784.3, ISUP'97 basic call control procedures – Test suite structure and test purposes.

Source

Amendment 1 to ITU-T Recommendation Q.784.3 was prepared by ITU-T Study Group 11 (2001-2004) and approved under the WTSA Resolution 1 procedure on 6 December 2000.

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 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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CONTENTS

	Page
Annex B – PIXIT proforma for ISDN User Part (ISUP)'97 basic call control procedures	1
B.0 Scope.....	1
B.1 Identification summary	1
B.2 Abstract test suite summary	1
B.3 Test laboratory	1
B.4 Client identification	2
B.5 System under test	2
B.6 Ancillary protocols	2
B.7 Protocol information for ISUP.....	2
B.7.1 Protocol identification	2
B.7.2 IUT information – PIXIT proforma tables	2
Annex C – Protocol Conformance Test Report (PCTR) proforma for ISDN User Part (ISUP)'97 basic call control procedures.....	5
C.0 Scope.....	5
C.1 Identification summary.....	5
C.1.1 Protocol conformance test report.....	5
C.1.2 IUT identification	5
C.1.3 Testing environment	6
C.1.4 Limits and reservation	6
C.1.5 Comments	6
C.2 IUT conformance status.....	6
C.3 Static conformance summary.....	6
C.4 Dynamic conformance summary	7
C.5 Static conformance review report	7
C.6 Test campaign report	8
C.7 Observations	17

ITU-T Recommendation Q.784.3

ISUP'97 basic call control procedures – Test suite structure and test purposes (TSS & TP)

AMENDMENT 1

ANNEX B¹

PIXIT proforma for ISDN User Part (ISUP)'97 basic call control procedures

B.0 Scope

The PIXIT proforma enlists all the parameters and data that are needed to configure the ATS (and/or the IUT) before executing the testing campaign. It is to be filled out as part of the preparation for testing by, for example, the test client. The testing laboratory then inputs this data into the implementation of the ATS. More information about the purpose and intent of the PIXIT can be found in ITU-T X.294 | ISO/IEC 9646-5 [10].

B.1 Identification summary

PIXIT Number:	
Test Laboratory Name:	
Date of Issue:	
Issued to:	

B.2 Abstract test suite summary

Protocol Specification:	ITU-T Q.764 (1997): "Signalling System No. 7 – ISDN User Part signalling procedures"
ATS Specification:	ISUP_97_Basic_call
Abstract Test Method:	Distributed multiparty test method

B.3 Test laboratory

Test Laboratory Identification:	
Test Laboratory Manager:	
Test Laboratory contact:	
Means of Testing:	
Instructions for completion:	

¹ Users of this Recommendation may freely reproduce the PIXIT proforma in this annex so that it can be used for its intended purpose, and may further publish the completed PIXIT.

B.4 Client identification

Client Identification:	
Client Test manager:	
Test Facilities required:	

B.5 System under test

Name:	
Version:	
SCS Number:	
Machine configuration:	
Operating system identification:	
IUT Identification:	
PICS Reference for IUT:	
Limitations of the SUT:	
Environmental conditions:	

B.6 Ancillary protocols

Protocol name	Version No.	PICS Ref.	PIXIT Ref.	PCTR Ref.
MTP				
Access protocol				

B.7 Protocol information for ISUP

B.7.1 Protocol identification

Name:	ISDN User Part (ISUP)'97
Version:	
PICS references:	

B.7.2 IUT information – PIXIT proforma tables

The PIXIT information requested in the following tables is needed to provide the necessary information for the execution of the testing campaign. It is assumed that one exchange role is tested at one time. The answers to some PIXIT questions are related to an individual role. A typical example is the nature of address indicator of the called party number value, which is different in the case of international gateways and national exchanges. That is why if several roles are to be tested, one completed copy of the PIXIT proforma for each role is needed.

B.7.2.1 General configuration

Signalling point codes

Two signalling point codes – one incoming and one outgoing – have to be defined for the IUT. For an international intermediate exchange the incoming and outgoing point codes are the same, whereas for an international gateway exchange there are two different signalling point codes because they belong to two separate networks (international and national).