

International Telecommunication Union

**ITU-T**

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

**Q.1912.5 C**

(10/2008)

SERIES Q: SWITCHING AND SIGNALLING

Specifications of signalling related to Bearer Independent  
Call Control (BICC)

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**Interworking between session initiation protocol  
(SIP) and bearer independent call control  
protocol (BICC) or ISDN user part (ISUP): Test  
suite structure and test purposes (TSS&TP) for  
profiles A and B**

Recommendation ITU-T Q.1912.5 C



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## **Recommendation ITU-T Q.1912.5 C**

### **Interworking between session initiation protocol (SIP) and bearer independent call control protocol (BICC) or ISDN user part (ISUP): Test suite structure and test purposes (TSS&TP) for profiles A and B**

#### **Summary**

Recommendation ITU-T Q.1912.5 C specifies the test suite structure and test purposes (TSS&TP) for the interworking between session initiation protocol (SIP) and bearer independent call control protocol or between SIP and ISDN user part for profiles A and B, which are described in Recommendation ITU-T Q.1912.5.

#### **Source**

Recommendation ITU-T Q.1912.5 C was approved on 14 October 2008 by ITU-T Study Group 11 (2005-2008) under Recommendation ITU-T A.8 procedures.

## FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications, information and communication technologies (ICTs). 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.

Compliance with this Recommendation is voluntary. However, the Recommendation may contain certain mandatory provisions (to ensure e.g. interoperability or applicability) and compliance with the Recommendation is achieved when all of these mandatory provisions are met. The words "shall" or some other obligatory language such as "must" and the negative equivalents are used to express requirements. The use of such words does not suggest that compliance with the Recommendation is required of any party.

## INTELLECTUAL PROPERTY RIGHTS

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As of the date of approval of this Recommendation, ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementers are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database at <http://www.itu.int/ITU-T/ipr/>.

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# Recommendation ITU-T Q.1912.5 C

## **Interworking between session initiation protocol (SIP) and bearer independent call control protocol (BICC) or ISDN user part (ISUP): Test suite structure and test purposes (TSS&TP) for profiles A and B**

### **1 Scope**

This Recommendation specifies the test suite structure and test purposes (TSS&TP) for interworking between session initiation protocol (SIP) and bearer independent call control protocol or between SIP and ISDN user part for profiles A and B, which are described in [ITU-T Q.1912.5].

Other Recommendations of the Q.1912.5 family specify the network protocol implementation conformance statement (PICS) proforma, the test suite structure and test purposes (TSS&TP) for profile C, and the abstract test suite (ATS) and partial protocol implementation extra information for testing (PIXIT) proforma for profiles A and B.

### **2 References**

The following ITU-T Recommendations and other references contain provisions which, through reference in this text, constitute provisions of this Recommendation. At the time of publication, the editions indicated were valid. All Recommendations and other references are subject to revision; users of this Recommendation are therefore encouraged to investigate the possibility of applying the most recent edition of the Recommendations and other references listed below. A list of the currently valid ITU-T Recommendations is regularly published. The reference to a document within this Recommendation does not give it, as a stand-alone document, the status of a Recommendation.

[ITU-T Q.1912.5] Recommendation ITU-T Q.1912.5 (2004), *Interworking between Session Initiation Protocol (SIP) and Bearer Independent Call Control Protocol or ISDN User Part*.

[ETSI TS 186 002-2] ETSI TS 186 002-2 V1.1.5 (2008), *Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); Interworking between Session Initiation Protocol (SIP) and Bearer Independent Call Control Protocol (BICC) or ISDN User Part (ISUP); Part 2: Test Suite Structure and Test Purposes (TSS&TP) for Profiles A and B*.

### **3 Endorsement**

The text of [ETSI TS 186 002-2] was approved by ITU-T as the basis for Recommendation ITU-T Q.1912.5 C as modified below.

### **4 Coverage**

This Recommendation covers [ITU-T Q.1912.5].

### **5 Modifications**

#### **5.1 General**

Reference ETSI EN 383 001 in [ETSI TS 186 002-2] should be replaced by [ITU-T Q.1912.5].

**Page 5, Intellectual Property Rights**

Delete the whole section.

**Page 5, Foreword**

Delete the whole section.

**Page 6, Scope**

Replace the whole clause with the following:

"1 Scope

See clause 1, Scope, of Recommendation ITU-T Q.1912.5 C."

**Page 265, History**

Delete the whole section.



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