

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

Q.1912.5 F

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SERIES Q: SWITCHING AND SIGNALLING

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

**Interworking between session initiation protocol
(SIP) and bearer independent call control
protocol (BICC) or ISDN user part (ISUP):
Abstract test suite (ATS) and partial protocol
implementation extra information for testing
(PIXIT) for profile C**

Recommendation ITU-T Q.1912.5 F

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Recommendation ITU-T Q.1912.5 F

Interworking between session initiation protocol (SIP) and bearer independent call control protocol (BICC) or ISDN user part (ISUP): Abstract test suite (ATS) and partial protocol implementation extra information for testing (PIXIT) for profile C

Summary

Recommendation ITU-T Q.1912.5 F specifies the abstract test suite (ATS) and partial protocol implementation extra information for testing (PIXIT) for the interworking between session initiation protocol (SIP) and bearer independent call control protocol or ISDN user part for the profile C described in Recommendation ITU-T Q.1912.5.

History

Edition	Recommendation	Approval	Study Group
1.0	ITU-T Q.1912.5 F	2011-03-16	11

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

ITU draws attention to the possibility that the practice or implementation of this Recommendation may involve the use of a claimed Intellectual Property Right. ITU takes no position concerning the evidence, validity or applicability of claimed Intellectual Property Rights, whether asserted by ITU members or others outside of the Recommendation development process.

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 F

Interworking between session initiation protocol (SIP) and bearer independent call control protocol (BICC) or ISDN user part (ISUP): Abstract test suite (ATS) and partial protocol implementation extra information for testing (PIXIT) for profile C

1 Scope

This Recommendation is part 5 of a multi-part deliverable abstract test suite (ATS) and partial protocol implementation extra information for testing (PIXIT) for the Profile C for the interworking between session initiation protocol (SIP) and bearer independent call control protocol or ISDN user part described in [ITU-T Q.1912.5], as identified below:

Part 1: "Protocol Implementation Conformance Statement (PICS)";

Part 2: "Test suite structure and test purposes (TSS&TP) for profiles A and B";

Part 3: "Test suite structure and test purposes (TSS&TP) for profile C";

Part 4: "Abstract test suite (ATS) and partial protocol implementation extra information for testing (PIXIT) for profiles A and B";

Part 5: "Abstract test suite (ATS) and partial protocol implementation extra information for testing (PIXIT) for profile C".

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 186 002-5] ETSI TS 186 002-5 V1.1.1 (2010), *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 5: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) for Profile C*.

3 Definitions

3.1 Terms defined elsewhere

This Recommendation uses the terms defined in [ETSI TS 186 002-5].

3.2 Terms defined in this Recommendation

This Recommendation does not define any new terms.

4 Abbreviations and acronyms

This Recommendation does not introduce any new abbreviations or acronyms.

5 Conventions

This Recommendation does not introduce any new conventions.

6 Modifications to [ETSI TS 186 002-5]

The text of [ETSI TS 186 002-5] was approved by ITU-T as the basis for this Recommendation, with the modifications indicated below.

6.1 Deletion of initial introductory material in [ETSI TS 186 002-5]

Delete the Intellectual Property Rights and Foreword sections of [ETSI TS 186 002-5].

6.2 Replacement of the Scope in [ETSI TS 186 002-5]

Replace the Scope of [ETSI TS 186 002-5] with the scope of this Recommendation.

6.3 Replacement of reference ETSI EN 383 001

Replace reference ETSI EN 383 001 [4] in sections 2.1 and 5.1 of [ETSI TS 186 002-5] with [ITU-T Q.1912.5].

6.4 Deletion of the History section

Delete the History section in page 41 of [ETSI TS 186 002-5].

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