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OF ITU

Series Q

Supplement 41

(11/2002)

SERIES Q: SWITCHING AND SIGNALLING

Technical Report TRQ.2003: Roadmap to the BICC protocol Recommendations, BICC interworking Recommendations, and BICC requirement Supplements

ITU-T Q-series Recommendations – Supplement 41

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

Supplement 41 to ITU-T Q-series Recommendations

Technical Report TRQ.2003: Roadmap to the BICC protocol Recommendations, BICC interworking Recommendations, and BICC requirement Supplements

Summary

This Supplement presents an overview of the ITU-T Recommendations and Supplements that have been produced in the context of the Bearer Independent Call Control (BICC) protocol. Included is an index of Recommendations, which provide the detailed protocol descriptions.

Source

Supplement 41 to ITU-T Q-series Recommendations was prepared by ITU-T Study Group 11 (2001-2004) and approved under ITU-T Recommendation A.13 (10/2000) procedure on 22 November 2002.

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

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Supplement 41 to ITU-T Q-series Recommendations

Technical Report TRQ.2003: Roadmap to the BICC protocol Recommendations, BICC interworking Recommendations, and BICC requirement Supplements

1 Scope

This Supplement provides a roadmap to the BICC-related protocol Recommendations, interworking Recommendations and requirement Supplements.

2 References

No references are included.

Note that Appendix I provides a bibliography of BICC and the BICC-related standards documents.

3 Abbreviations

This Supplement uses the following abbreviations:

AAL	ATM Adaptation Layer
AINI	ATM Inter-Network Interface
APM	Application Transport Mechanism (or Message)
ASE	Application Service Element
ATM	Asynchronous Transfer Mode
BAT	Bearer Association Transport
BCTP	Bearer Control Tunnelling Protocol
BICC	Bearer Independent Call Control
B-ISDN	Broadband ISDN
B-ISUP	Broadband ISDN User Part
CBC	Call Bearer Control protocol
CS	Capability Set
DSS1	Digital Subscriber System No. 1 (ISDN)
DSS2	Digital Subscriber System No. 2 (B-ISDN)
GIT	Generic Identifier Transport
IETF	Internet Engineering Task Force
INAP	Intelligent Network Application Protocol
IP	Internet Protocol
IPBCP	IP Bearer Control Protocol
ISDN	Integrated Services Digital Network
ISUP	ISDN User Part
MEGACO	Media Gateway Control protocol
MTP	Message Transfer Part



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MTP3	Message Transfer Part level 3 (Narrowband)
MTP3b	Message Transfer Part level 3 (Broadband)
PNNI	Private Network-Network Interface
PSTN	Public Switched Telephone Network
RFC	Request For Comment
RTP	Real time Transport Protocol
SCTP	Stream Control Transmission Protocol
SDP	Session Description Protocol
SS7	Signalling System No. 7
SSCOP	Service Specific Connection Oriented Protocol
SSCOPMCE	SSCOP in a Multi-link or Connectionless Environment
STC	Signalling Transport Converter
TRQ	Technical Report to Q-series Recommendations
UNI	User Network Interface

Note that Appendix II provides an overview of abbreviations and terminology used in the BICC documents.

4 Introduction

Over the last few years, a lot of documentation has been produced on BICC. More than 35 new documents have been produced. These documents in turn are related to many more other standards documents. Because of this, it may be difficult for "newcomers" to dive into BICC, as they may find it difficult to understand how the various documents relate to each other.

This Supplement presents an overview of the BICC documentation. The purpose of this overview is to provide guidance for newcomers into the very modular BICC documentation.

Note that the arrows in the illustrations have various meanings, see Figure 1.

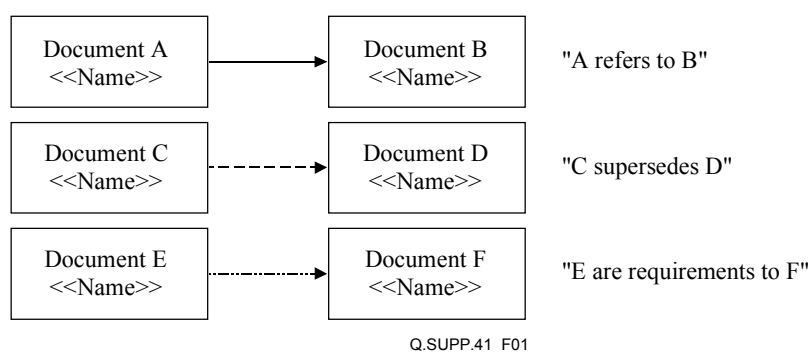


Figure 1 – Meanings of the arrows

5 BICC documentation

Figure 2 illustrates the BICC CS-1 and CS-2 documentation.

- BICC CS-1 has been documented mainly as an application (extension) to the existing ISUP codings and procedures.