

TELECOMMUNICATION STANDARDIZATION SECTOR OF ITU

Q.761 Amendment 1 (07/2001)

SERIES Q: SWITCHING AND SIGNALLING Specifications of Signalling System No. 7 – ISDN user part

Signalling system No. 7 – ISDN user part functional description

Amendment 1

ITU-T Recommendation Q.761 - 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
DIGITAL EXCHANGES	Q.500-Q.599
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
SPECIFICATIONS OF SIGNALLING RELATED TO BEARER INDEPENDENT CALL CONTROL (BICC)	Q.1900–Q.1999
BROADBAND ISDN	Q.2000-Q.2999

 $For {\it further details, please refer to the list of ITU-T Recommendations}.$

ITU-T Recommendation Q.761

Signalling system No. 7 – ISDN user part functional description

AMENDMENT 1	l
-------------	---

Summary

This Amendment contains the modifications to ITU-T Q.761 (1999) in order to accommodate the needs of DME signalling, Global Call reference, Inter-nodal Traffic Group Identification, and Carrier Selection Indication.

Source

Amendment 1 to ITU-T Recommendation Q.761 was prepared by ITU-T Study Group 11 (2001-2004) and approved under the WTSA Resolution 1 procedure on 13 July 2001.

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.

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, implementors are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database.

© ITU 2002

All rights reserved. No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from ITU.

ITU-T Recommendation Q.761

Signalling system No. 7 – ISDN user part functional description

AMENDMENT 1

1) Clause 1.2, References

Modify references [6] and [7] as follows:

- [6] ITU-T Q.1902.2 (2001), Bearer independent call control protocol (CS2) and signalling system No. 7 ISDN user part general functions of messages and parameters.
- [7] ITU-T Q.1902.3 (2001), Bearer independent call control protocol (CS2) and signalling System No. 7 ISDN user part formats and codes.

2) Clause 3, Capabilities supported by the ISDN user part

Insert the following new lines into Table 1:

Table 1/Q.761 – Signalling capabilities for basic call

Function/service	National use	International
DME tandeming avoidance	$\sqrt{}$	$\sqrt{}$
Global Call Reference procedure	$\sqrt{}$	$\sqrt{}$
Inter-nodal Traffic Group Identification	√	√
Carrier Selection Indication	V	_

SERIES OF ITU-T RECOMMENDATIONS

Series A	Organization of the work of ITU-T
Series B	Means of expression: definitions, symbols, classification
Series C	General telecommunication statistics
Series D	General tariff principles
Series E	Overall network operation, telephone service, service operation and human factors
Series F	Non-telephone telecommunication services
Series G	Transmission systems and media, digital systems and networks
Series H	Audiovisual and multimedia systems
Series I	Integrated services digital network
Series J	Cable networks and transmission of television, sound programme and other multimedia signals
Series K	Protection against interference
Series L	Construction, installation and protection of cables and other elements of outside plant
Series M	TMN and network maintenance: international transmission systems, telephone circuits, telegraphy, facsimile and leased circuits
Series N	Maintenance: international sound programme and television transmission circuits
Series O	Specifications of measuring equipment
Series P	Telephone transmission quality, telephone installations, local line networks
Series Q	Switching and signalling
Series R	Telegraph transmission
Series S	Telegraph services terminal equipment
Series T	Terminals for telematic services
Series U	Telegraph switching
Series V	Data communication over the telephone network
Series X	Data networks and open system communications
Series Y	Global information infrastructure and Internet protocol aspects
Series Z	Languages and general software aspects for telecommunication systems