

International Telecommunication Union

**ITU-T**

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

**H.225.0**  
**Amendment 1**  
(03/2013)

SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS  
Infrastructure of audiovisual services – Transmission  
multiplexing and synchronization

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Call signalling protocols and media stream  
packetization for packet-based multimedia  
communication systems

**Amendment 1: Use of the Facility message to  
enable call transfer**

Recommendation ITU-T H.225.0 (2009) –  
Amendment 1



ITU-T H-SERIES RECOMMENDATIONS  
**AUDIOVISUAL AND MULTIMEDIA SYSTEMS**

CHARACTERISTICS OF VISUAL TELEPHONE SYSTEMS	H.100–H.199
INFRASTRUCTURE OF AUDIOVISUAL SERVICES	
General	H.200–H.219
<b>Transmission multiplexing and synchronization</b>	<b>H.220–H.229</b>
Systems aspects	H.230–H.239
Communication procedures	H.240–H.259
Coding of moving video	H.260–H.279
Related systems aspects	H.280–H.299
Systems and terminal equipment for audiovisual services	H.300–H.349
Directory services architecture for audiovisual and multimedia services	H.350–H.359
Quality of service architecture for audiovisual and multimedia services	H.360–H.369
Supplementary services for multimedia	H.450–H.499
MOBILITY AND COLLABORATION PROCEDURES	
Overview of Mobility and Collaboration, definitions, protocols and procedures	H.500–H.509
Mobility for H-Series multimedia systems and services	H.510–H.519
Mobile multimedia collaboration applications and services	H.520–H.529
Security for mobile multimedia systems and services	H.530–H.539
Security for mobile multimedia collaboration applications and services	H.540–H.549
Mobility interworking procedures	H.550–H.559
Mobile multimedia collaboration inter-working procedures	H.560–H.569
BROADBAND, TRIPLE-PLAY AND ADVANCED MULTIMEDIA SERVICES	
Broadband multimedia services over VDSL	H.610–H.619
Advanced multimedia services and applications	H.620–H.629
Ubiquitous sensor network applications and Internet of Things	H.640–H.649
IPTV MULTIMEDIA SERVICES AND APPLICATIONS FOR IPTV	
General aspects	H.700–H.719
IPTV terminal devices	H.720–H.729
IPTV middleware	H.730–H.739
IPTV application event handling	H.740–H.749
IPTV metadata	H.750–H.759
IPTV multimedia application frameworks	H.760–H.769
IPTV service discovery up to consumption	H.770–H.779
Digital Signage	H.780–H.789

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

# Recommendation ITU-T H.225.0

## Call signalling protocols and media stream packetization for packet-based multimedia communication systems

### Amendment 1

#### Use of the Facility message to enable call transfer

#### Summary

Amendment 1 to Recommendation ITU-T H.225.0 formalizes the widely implemented call transfer mechanism outlined in Recommendation ITU-T H.323 that relies upon the Facility message with the reason set to "callForwarded".

#### History

Edition	Recommendation	Approval	Study Group
1.0	ITU-T H.225.0	1996-11-11	16
2.0	ITU-T H.225.0	1998-02-06	16
2.1	ITU-T H.225.0 Annex I	1998-09-25	16
2.2	ITU-T H.225.0 Annex G	1999-05-27	16
3.0	ITU-T H.225.0	1999-09-30	16
4.0	ITU-T H.225.0	2000-11-17	16
4.1	ITU-T H.225.0 (2000) Amd. 1	2002-11-29	16
5.0	ITU-T H.225.0	2003-07-14	16
6.0	ITU-T H.225.0	2006-05-29	16
6.1	ITU-T H.225.0 (2006) Amd. 1	2007-01-13	16
7.0	ITU-T H.225.0 v7	2009-12-14	16
7.1	ITU-T H.225.0 (2009) Amd. 1	2013-03-16	16

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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.

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## Recommendation ITU-T H.225.0

### Call signalling protocols and media stream packetization for packet-based multimedia communication systems

#### Amendment 1

#### Use of the Facility message to enable call transfer

##### 1) Changes to clause 7.2.2.16

*Amend clause 7.2.2.16 as follows.*

##### **7.2.2.16 Facility**

In order to signal call redirection specific to ITU-T H.323 procedures (call forwarding, call transfer, redirecting a call to the MC, or forcing a call to be routed to the gatekeeper) or in case of supplementary service signalling according to Recommendation ITU-T H.450, the User-user information element of the Facility message is used. This particular case shall be indicated by coding a Facility IE of length zero; i.e., the Facility information element shall consist of exactly 2 octets as follows:

- Octet No. 1 (information element identifier) shall be set to "00011100" ("1C'H) to indicate the Facility IE.
- Octet No. 2 (information element length) shall be set to "0" to indicate that no further octets belonging to this information element follow.

In order to indicate call forwarding or call transfer, the Facility IE shall be empty and the **Facility-UUIE** shall indicate in the **alternativeAddress** or the **alternativeAliasAddress** the terminal to which the call is to be redirected. In this case, the **facilityReason** shall be set to **callForwarded**.

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## SERIES OF ITU-T RECOMMENDATIONS

Series A	Organization of the work of ITU-T
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
<b>Series H</b>	<b>Audiovisual and multimedia systems</b>
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	Telecommunication management, including TMN and network maintenance
Series N	Maintenance: international sound programme and television transmission circuits
Series O	Specifications of measuring equipment
Series P	Terminals and subjective and objective assessment methods
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, open system communications and security
Series Y	Global information infrastructure, Internet protocol aspects and next-generation networks
Series Z	Languages and general software aspects for telecommunication systems