

STUDY GROUP **16/WP2 Q.13**

Q.12-14/16 Rapporteurs Meeting

Portland OR, USA, 21-25 August 2000

SOURCE*: Nortel Networks

TITLE: Minor correction to H.323 Annex M.1

Abstract

The white contribution for H.323 Annex M.1 contains a minor inconsistency with H.323v4.

Section 10.4.3/H.323v4 states:

It is not recommended to tunnel a signalling protocol in an H.225.0 call signalling messages that are not of end-to-end significance, such as a Call Proceeding, since the information may not be received by the other end.

However, Table 1/Annex M illustrates that a QSIG CALL PROCEEDING message can be tunneled in either an H.225.0 FACILITY or a CALL PROCEEDING message.

In order to avoid the problems stated in section 10.4.3/H.323v4, the table should illustrate that the QSIG CALL PROCEEDING message should be tunneled in an H.225.0 FACILITY message, and the text should reflect this.

Also, the name of the table should be “**Table 1/Annex M.1**” instead of “**Table 1/Annex M**”.

Proposal

The following modifications to 3/H.323 Annex M.1 shall be made:

[...]

QSIG messages can, but need not, be tunnelled in the corresponding H.225.0 messages. For example, the QSIG SETUP message can be tunnelled in a H.225.0 SETUP message, and the QSIG RELEASE COMPLETE message can be tunnelled in an H.225.0 RELEASE COMPLETE message. For other messages, it is possible that there is no corresponding H.225.0 (Q.931) message (e.g., in the case of a QSIG DISCONNECT message) or the corresponding message is not available because it has already been sent. In those cases, the QSIG message may be tunnelled in an H.225.0 FACILITY message. A QSIG CALL PROCEEDING message should be tunnelled in an H.225.0 FACILITY message since the H.225.0 CALL PROCEEDING message does not have end-to-end significance. QSIG call clearing procedures may be supported by tunnelling the QSIG DISCONNECT and RELEASE messages in the H.225.0 FACILITY message. In the special case where a tunnelled QSIG RELEASE message is interpreted as a tunnelled QSIG RELEASE COMPLETE message (this happens when a QSIG RELEASE message is received when a RELEASE COMPLETE was expected), the H.323 call may be released by the side receiving the QSIG RELEASE message by sending an H.225.0 RELEASE COMPLETE with no tunnelled QSIG message.

A single QSIG call can be tunnelled in a single H.323 call. The relationship between QSIG call references and H.225.0 call references is outside the scope of this Recommendation.

Table 1 is indicative only and illustrates an example of the mapping between QSIG messages and H.225.0 messages.

Table 1/Annex M.1 – Mapping between QSIG messages and H.225.0 messages

QSIG message	H.225.0 message
SETUP	SETUP
CALL PROCEEDING	CALL PROCEEDING or FACILITY
PROGRESS	PROGRESS
ALERTING	ALERTING
CONNECT	CONNECT
NOTIFY	NOTIFY
RELEASE COMPLETE	RELEASE COMPLETE
CALL PROCEEDING	FACILITY
FACILITY	
DISCONNECT	
RELEASE	
all other messages...	