



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

G.7042/Y.1305

Corrigendum 2
(03/2003)

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DIGITAL SYSTEMS AND NETWORKS

Digital terminal equipments – General

SERIES Y: GLOBAL INFORMATION INFRASTRUCTURE
AND INTERNET PROTOCOL ASPECTS

Internet protocol aspects – Transport

Link capacity adjustment scheme (LCAS) for virtual
concatenated signals

Corrigendum 2

ITU-T Recommendation G.7042/Y.1305 (2001) –
Corrigendum 2

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

ITU-T Recommendation G.7042/Y.1305

Link capacity adjustment scheme (LCAS) for virtual concatenated signals

Corrigendum 2

Summary

This corrigendum to ITU-T Rec. G.7042/Y.1305 (2001) shows changes related to GID and RS-Ack information and to the sink side state diagram.

Source

Corrigendum 2 to ITU-T Recommendation G.7042/Y.1305 (2001) was prepared by ITU-T Study Group 15 (2001-2004) and approved under the WTSA Resolution 1 procedure on 16 March 2003.

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.

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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.

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Link capacity adjustment scheme (LCAS) for virtual concatenated signals

Corrigendum 2

1) Clause 6.2.4

Change the Note of 6.2.4 to read:

NOTE – The GID is not valid for members sending IDLE in the control word ~~field~~.

2) Clause 6.2.7

Change the text of 6.2.7 to read:

Any changes detected at the Sk regarding the member sequence numbers is reported to the So per VCG by toggling (i.e. change from '0' to '1' or from '1' to '0') the RS-Ack bit, i.e. the RS-Ack bit can only be toggled after the status of all members of the VCG has been evaluated and the sequence change has taken place. The toggling of the RS-Ack bit will indicate that MST values received in the control packet that contained the RS-Ack and MST values received in subsequent control packets correspond to the new sequence. ~~The toggling of the RS-Ack bit will validate the MST in the preceding multiframe.~~ The So can use this toggling as an indication that the change initiated by the So has been accepted and completed, and will start accepting new MST information.

3) Annex A

a) Replace the existing Figure A.2 with:

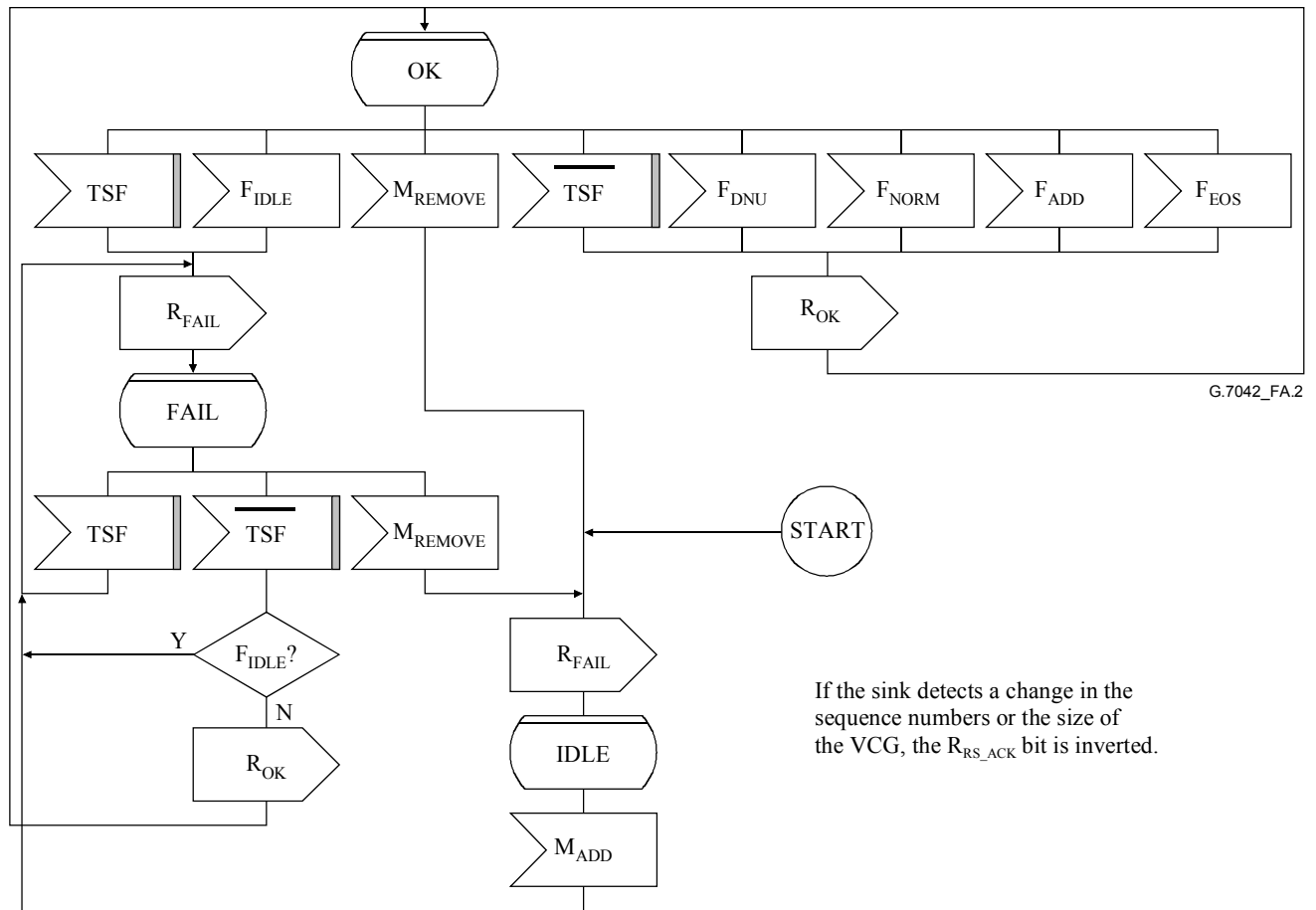


Figure A.2/G.7042/Y.1305 – Sink side state diagram

b) Add the following Figure A.3 to Annex A immediately after Figure A.2:

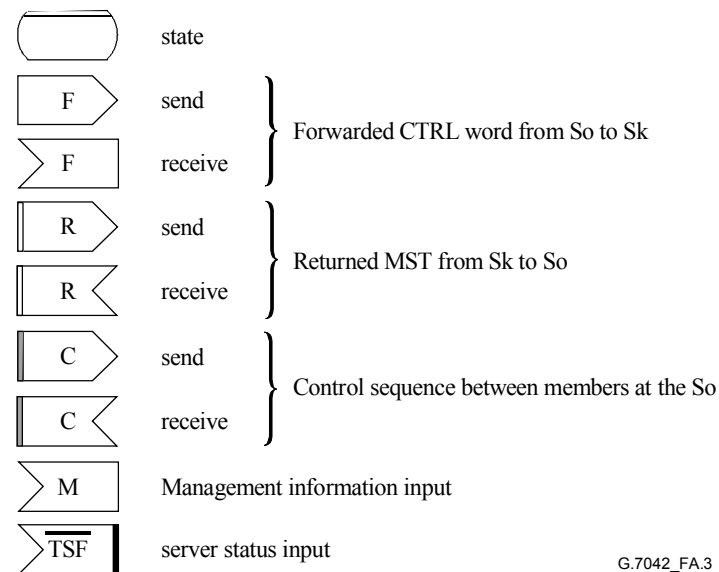


Figure A.3/G.7042/Y.1305 – State diagram legend

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