

International Telecommunication Union

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

G.798

Corrigendum 1
(01/2009)

SERIES G: TRANSMISSION SYSTEMS AND MEDIA,
DIGITAL SYSTEMS AND NETWORKS

Digital terminal equipments – Other terminal equipment

Characteristics of optical transport network
hierarchy equipment functional blocks

Corrigendum 1

Recommendation ITU-T G.798 (2006) – Corrigendum 1



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Recommendation ITU-T G.798

Characteristics of optical transport network hierarchy equipment functional blocks

Corrigendum 1

Summary

For the ODU_kP to ODU_{[i]j} adaptation sink function (ODU_kP/ODU_{[i]j}_A_Sk), the dMSIM defect will appear per tributary and not per higher order ODU_k as it is checked per multiplexed tributary. Therefore, the following corrections are required:

- to indicate that the defect is detected per active ODU_j[/i] where a mismatch of detected and configured multiplex structure occurs;
- and, as a consequence, the correlation (Alarm) is also to be raised per active ODU_j[/i] instance.

Source

Corrigendum 1 to Recommendation ITU-T G.798 (2006) was approved on 13 January 2009 by ITU-T Study Group 15 (2009-2012) under Recommendation ITU-T A.8 procedures.

FOREWORD

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Recommendation ITU-T G.798

Characteristics of optical transport network hierarchy equipment functional blocks

Corrigendum 1

1) Clause 14.3.7.2

Replace:

Defects

The function shall detect for dPLM, dMSIM and dLOFLOM.

dPLM: See clause 6.2.4.1. The expected payload type is "0010 0000" (ODU multiplex structure) as defined in [ITU-T G.709].

dMSIM: See clause 6.2.9.1.

dLOFLOM: See clause 6.2.5.3. dLOFLOM is detected per active ODU_j[/i].

With:

Defects

The function shall detect for dPLM, dMSIM and dLOFLOM.

dPLM: See clause 6.2.4.1. The expected payload type is "0010 0000" (ODU multiplex structure) as defined in [ITU-T G.709].

dMSIM: See clause 6.2.9.1. dMSIM is detected per active ODU_j[/i].

dLOFLOM: See clause 6.2.5.3. dLOFLOM is detected per active ODU_j[/i].

Replace:

Defect correlations

cPLM ← dPLM and (not AI_TSF)

cMSIM ← dMSIM and (not dPLM) and (not AI_TSF)

For each ODU_j[/i]:

cLOFLOM ← dLOFLOM and (not MSIM) and (not dPLM) and (not AI_TSF) and (Active)

With:

Defect correlations

cPLM ← dPLM and (not AI_TSF)

For each ODU_j[/i]:

cMSIM ← dMSIM and (not dPLM) and (not AI_TSF)

For each ODU_j[/i]:

cLOFLOM ← dLOFLOM and (not MSIM) and (not dPLM) and (not AI_TSF) and (Active)

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