

International Telecommunication Union

**ITU-T**

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

**G.984.4**  
**Corrigendum 1**  
(03/2010)

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

Digital sections and digital line system – Optical line  
systems for local and access networks

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Gigabit-capable passive optical networks (G-PON):  
ONT management and control interface  
specification

**Corrigendum 1**

Recommendation ITU-T G.984.4 (2008) –  
Corrigendum 1



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## Recommendation ITU-T G.984.4

### Gigabit-capable passive optical networks (G-PON): ONT management and control interface specification

#### Corrigendum 1

#### Summary

Corrigendum 1 to Recommendation ITU-T G.984.4 presents minor corrections to clause 9.2.4 and Figure 8.2.9-1.

#### History

Edition	Recommendation	Approval	Study Group
1.0	ITU-T G.984.4	2004-06-13	15
1.1	ITU-T G.984.4 (2004) Amend. 1	2005-06-29	15
1.2	ITU-T G.984.4 (2004) Amend. 2	2006-03-29	15
1.3	ITU-T G.984.4 (2004) Amend. 3	2006-12-14	15
2.0	ITU-T G.984.4	2008-02-22	15
2.1	ITU-T G.984.4 (2008) Amend. 1	2009-06-06	15
2.2	ITU-T G.984.4 (2008) Amend. 2	2009-11-13	15
2.3	ITU-T G.984.4 (2008) Cor.1	2010-03-01	15

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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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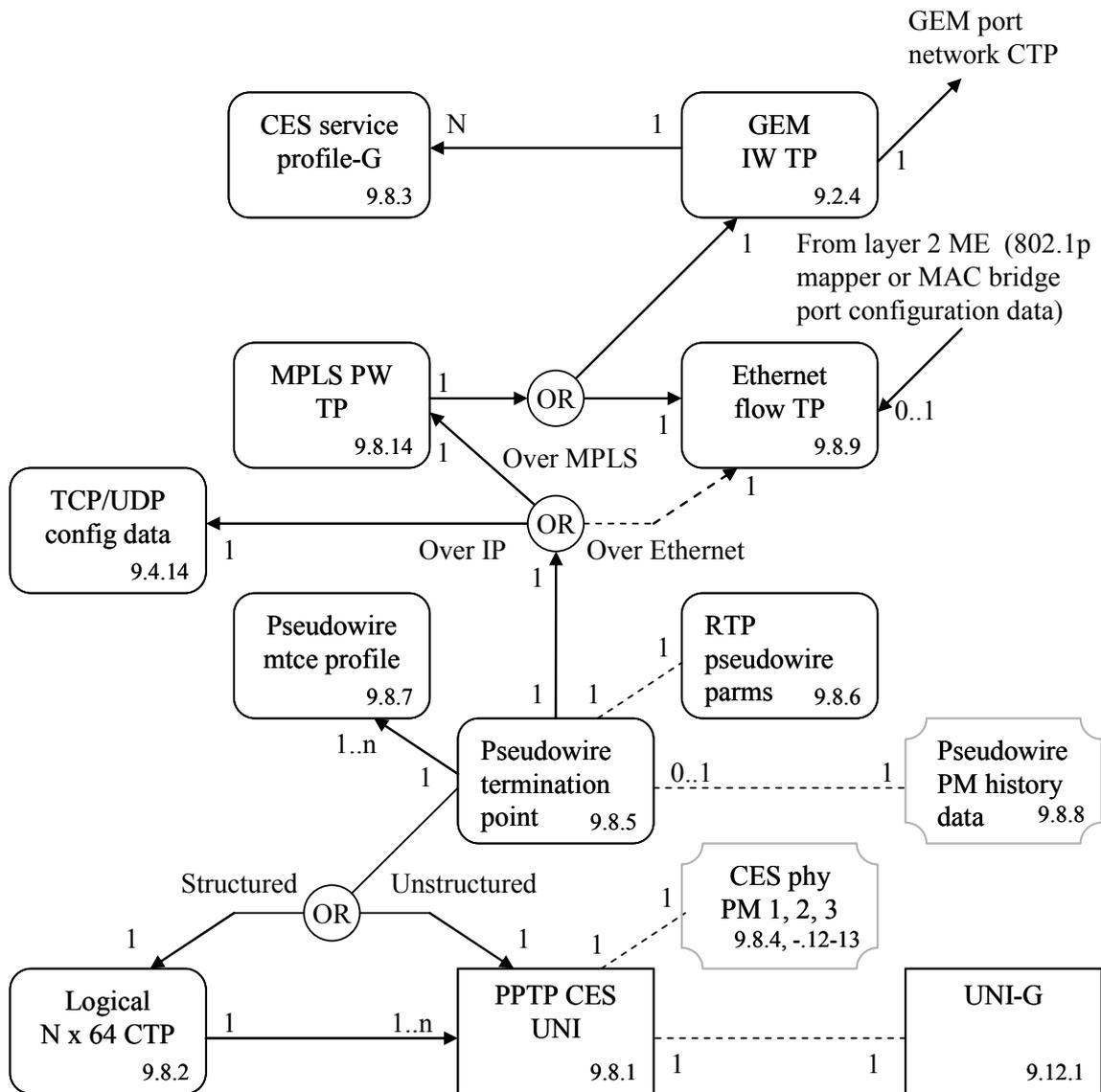
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**Gigabit-capable passive optical networks (G-PON):  
ONT management and control interface specification**

**Corrigendum 1**

**1 Clause 8.2.9, Circuit emulation service**

Replace Figure 8.2.9-1 with the following:



**Figure 8.2.9-1 – Pseudowire TDM**

## 2 Clause 9.2.4, GEM interworking termination point

Revise the following attributes as indicated below.

**Interworking option:** This attribute identifies the type of non-GEM function that is being interworked. The options are:

- 0 ~~Circuit-emulated~~~~Unstructured~~ TDM.
- 1 MAC bridge LAN.
- 2 Reserved for future use.
- 3 IP data service.
- 4 Video return path.
- 5 802.1p mapper.
- 6 Downstream broadcast.
- 7 MPLS PW TDM~~data~~ service.

(R, W, Set-by-create) (mandatory) (1 byte)

**Service profile pointer:** This attribute points to an instance of a service profile, such as:

- |  |                            |
|--|----------------------------|
| CES service profile-G                                    | if interworking option = 0 |
| MAC bridge service profile                               | if interworking option = 1 |
| IP router service profile                                | if interworking option = 3 |
| Video return path service profile                        | if interworking option = 4 |
| 802.1p mapper service profile                            | if interworking option = 5 |
| Null pointer   | if interworking option = 6 |
| <del>CES service profile-G</del> <del>Null pointer</del> | if interworking option = 7 |

(R, W, Set-by-create) (mandatory) (2 bytes)



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