

I n t e r n a t i o n a l T e l e c o m m u n i c a t i o n U n i o n

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

G.806

Corrigendum 2
(04/2016)

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

Digital networks – General aspects

Characteristics of transport equipment – Description
methodology and generic functionality

Corrigendum 2

Recommendation ITU-T G.806 (2012) – Corrigendum 2

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

Recommendation ITU-T G.806

Characteristics of transport equipment – Description methodology and generic functionality

Corrigendum 2

Summary

Corrigendum 2 to Recommendation ITU-T G.806 (2012) modifies all SDL diagrams described in this Recommendation to align with the conventions specified in Recommendation ITU-T Z.100 (2016). It also updates the listings of references in clause 2 and the bibliography.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T G.806	2000-10-06	15	11.1002/1000/5176
1.1	ITU-T G.806 (2000) Amd. 1	2003-03-16	15	11.1002/1000/6267
2.0	ITU-T G.806	2004-02-06	15	11.1002/1000/7062
2.1	ITU-T G.806 (2004) Amd. 1	2004-06-13	15	11.1002/1000/7334
2.2	ITU-T G.806 (2004) Cor. 1	2004-08-22	15	11.1002/1000/7333
2.3	ITU-T G.806 (2004) Cor. 2	2005-01-13	15	11.1002/1000/7481
3.0	ITU-T G.806	2006-03-29	15	11.1002/1000/8760
3.1	ITU-T G.806 (2006) Amd. 1	2008-11-22	15	11.1002/1000/9373
4.0	ITU-T G.806	2009-01-13	15	11.1002/1000/9649
4.1	ITU-T G.806 (2009) Amd. 1	2011-06-22	15	11.1002/1000/11119
5.0	ITU-T G.806	2012-02-13	15	11.1002/1000/11490
5.1	ITU-T G.806 (2012) Cor. 1	2012-10-29	15	11.1002/1000/11780
5.2	ITU-T G.806 (2012) Cor. 2	2016-04-13	15	11.1002/1000/12791

* To access the Recommendation, type the URL <http://handle.itu.int/> in the address field of your web browser, followed by the Recommendation's unique ID. For example, <http://handle.itu.int/11.1002/1000/11830-en>.

FOREWORD

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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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Recommendation ITU-T G.806

Characteristics of transport equipment – Description methodology and generic functionality

Corrigendum 2

1) Clause 2, References

1.1)

Add the following reference:

[ITU-T Z.100] Recommendation ITU-T Z.100 (2016), *Specification and Description Language – Overview of SDL-2010*.

1.2)

Replace:

[ITU-T G.664] Recommendation ITU-T G.664 (2006), *Optical safety procedures and requirements for optical transport systems*.

[ITU-T G.703] Recommendation ITU-T G.703 (2001), *Physical/electrical characteristics of hierarchical digital interfaces*.

[ITU-T G.707] Recommendation ITU-T G.707/Y.1322 (2003), *Network node interface for the synchronous digital hierarchy (SDH)*.

[ITU-T G.709] Recommendation ITU-T G.709/Y.1331 (2009), *Interfaces for the Optical Transport Network (OTN)*.

[ITU-T G.784] Recommendation ITU-T G.784 (1999), *Synchronous digital hierarchy (SDH) management*.

[ITU-T G.798] Recommendation ITU-T G.798 (2010), *Characteristics of optical transport network hierarchy equipment functional blocks*.

[ITU-T G.808.1] Recommendation ITU-T G.808.1 (2010), *Generic protection switching – Linear trail and subnetwork protection*.

[ITU-T G.7041] Recommendation ITU-T G.7041/Y.1303 (2012), *Generic framing procedure*.

[ITU-T G.7710] Recommendation ITU-T G.7710/Y.1701 (2010), *Common equipment management function requirements*.

[ITU-T G.8001] Recommendation ITU-T G.8001/Y.1354 (2011), *Terms and definitions for Ethernet frames over transport*.

[ITU-T G.8021] Recommendation ITU-T G.8021/Y.1341 (2010), *Characteristics of Ethernet transport network equipment functional blocks*.

with the following more recent editions:

[ITU-T G.664] Recommendation ITU-T G.664 (2012), *Optical safety procedures and requirements for optical transmission systems*.

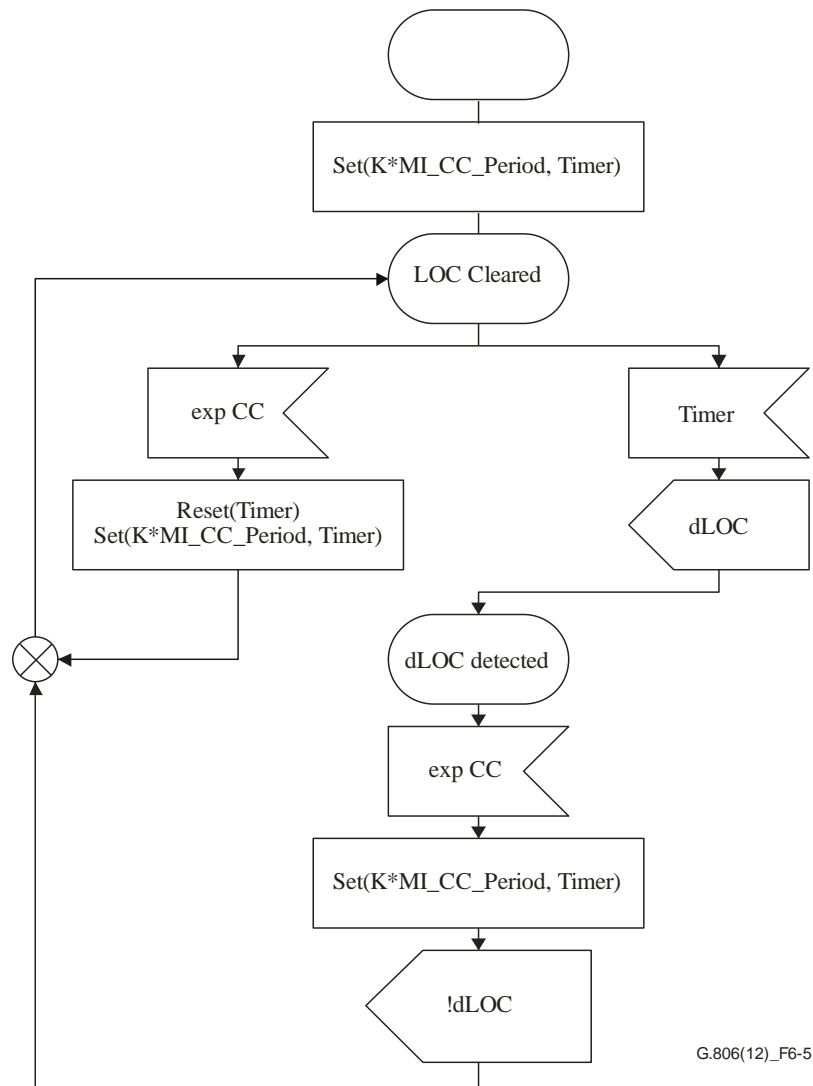
[ITU-T G.703] Recommendation ITU-T G.703 (2016), *Physical/electrical characteristics of hierarchical digital interfaces*.

[ITU-T G.707] Recommendation ITU-T G.707/Y.1322 (2007), *Network node interface for the synchronous digital hierarchy (SDH)*.

- [ITU-T G.709] Recommendation ITU-T G.709/Y.1331 (2016), *Interfaces for the optical transport network*.
- [ITU-T G.784] Recommendation ITU-T G.784 (2008), *Management aspects of synchronous digital hierarchy (SDH) transport network elements*.
- [ITU-T G.798] Recommendation ITU-T G.798 (2012), *Characteristics of optical transport network hierarchy equipment functional blocks*.
- [ITU-T G.808.1] Recommendation ITU-T G.808.1 (2014), *Generic protection switching – Linear trail and subnetwork protection*.
- [ITU-T G.7041] Recommendation ITU-T G.7041/Y.1303 (2016), *Generic framing procedure*.
- [ITU-T G.7710] Recommendation ITU-T G.7710/Y.1701 (2012), *Common equipment management function requirements*.
- [ITU-T G.8001] Recommendation ITU-T G.8001/Y.1354 (2016), *Terms and definitions for Ethernet frames over transport*.
- [ITU-T G.8021] Recommendation ITU-T G.8021/Y.1341 (2015), *Characteristics of Ethernet transport network equipment functional blocks*.

2) Clause 6.2.1.5, Figure 6-5

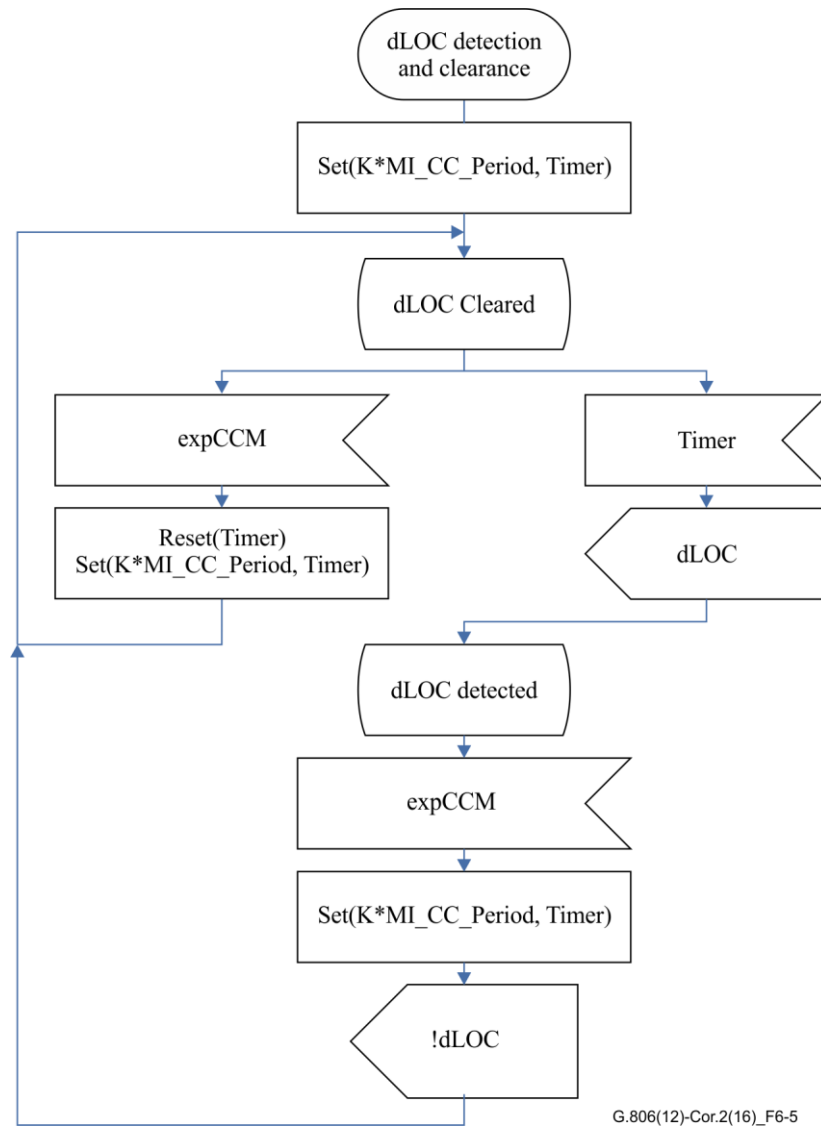
Replace



G.806(12)_F6-5

Figure 6-5 – dLOC detection and clearance process

with

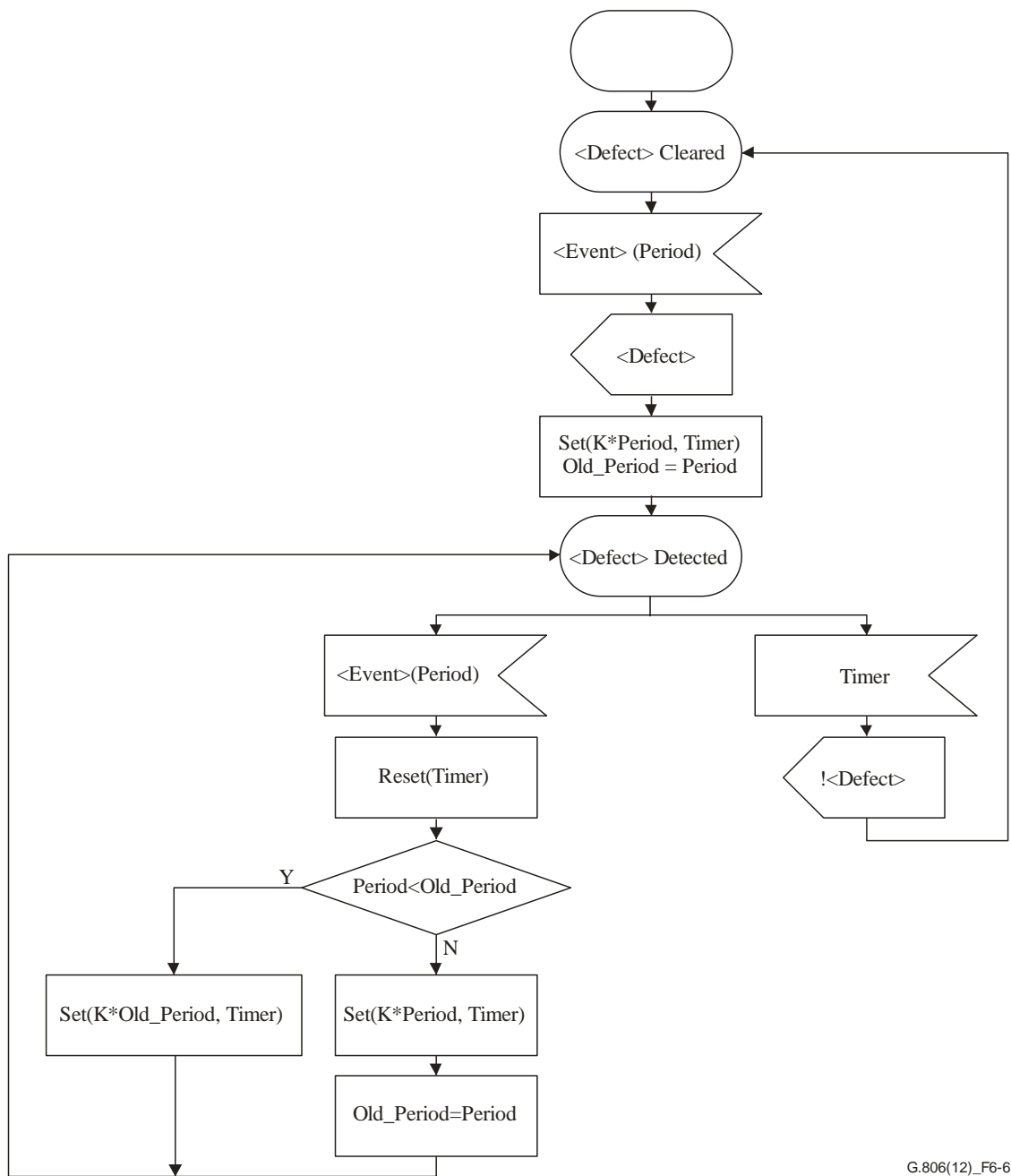


G.806(12)-Cor.2(16)_F6-5

Figure 6-5 – dLOC detection and clearance process

3) Clause 6.2.2.3, Figure 6-6

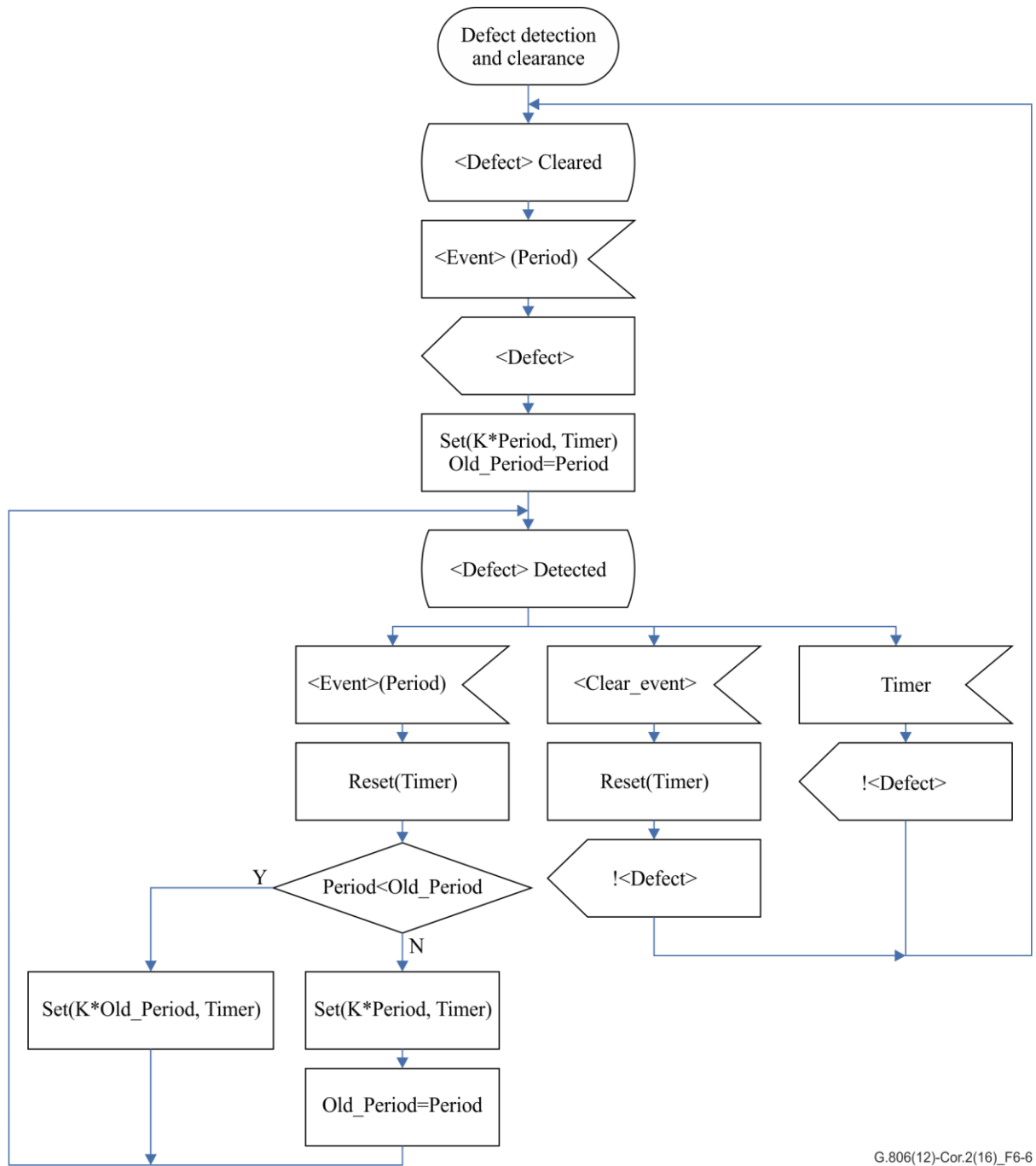
Replace



G.806(12)_F6-6

Figure 6-6 – Defect detection and clearance process

with



G.806(12)-Cor.2(16)_F6-6

Figure 6-6 – Defect detection and clearance process

4) **Clause 6.2.3.1.3, Figure 6-7**

Replace

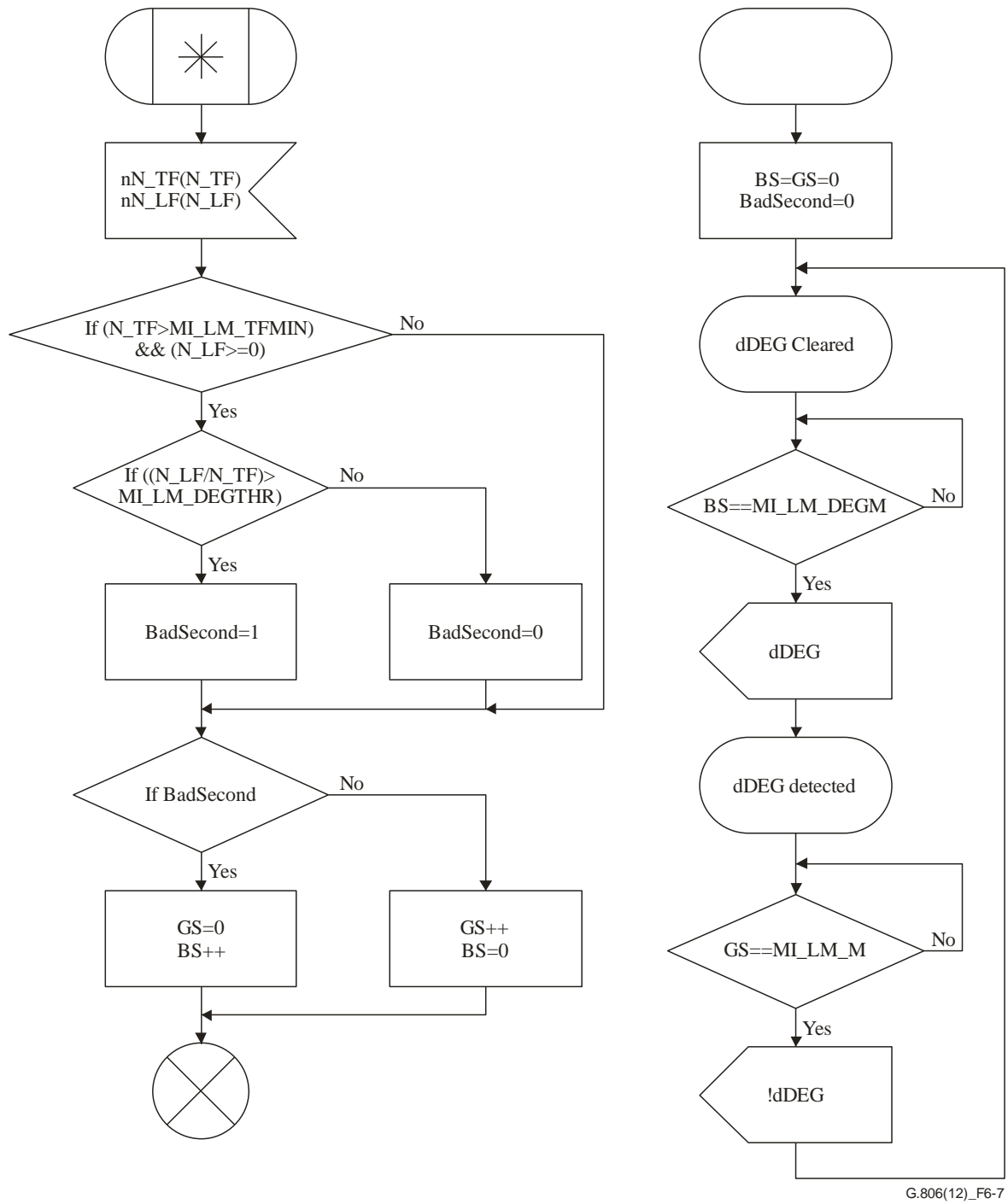
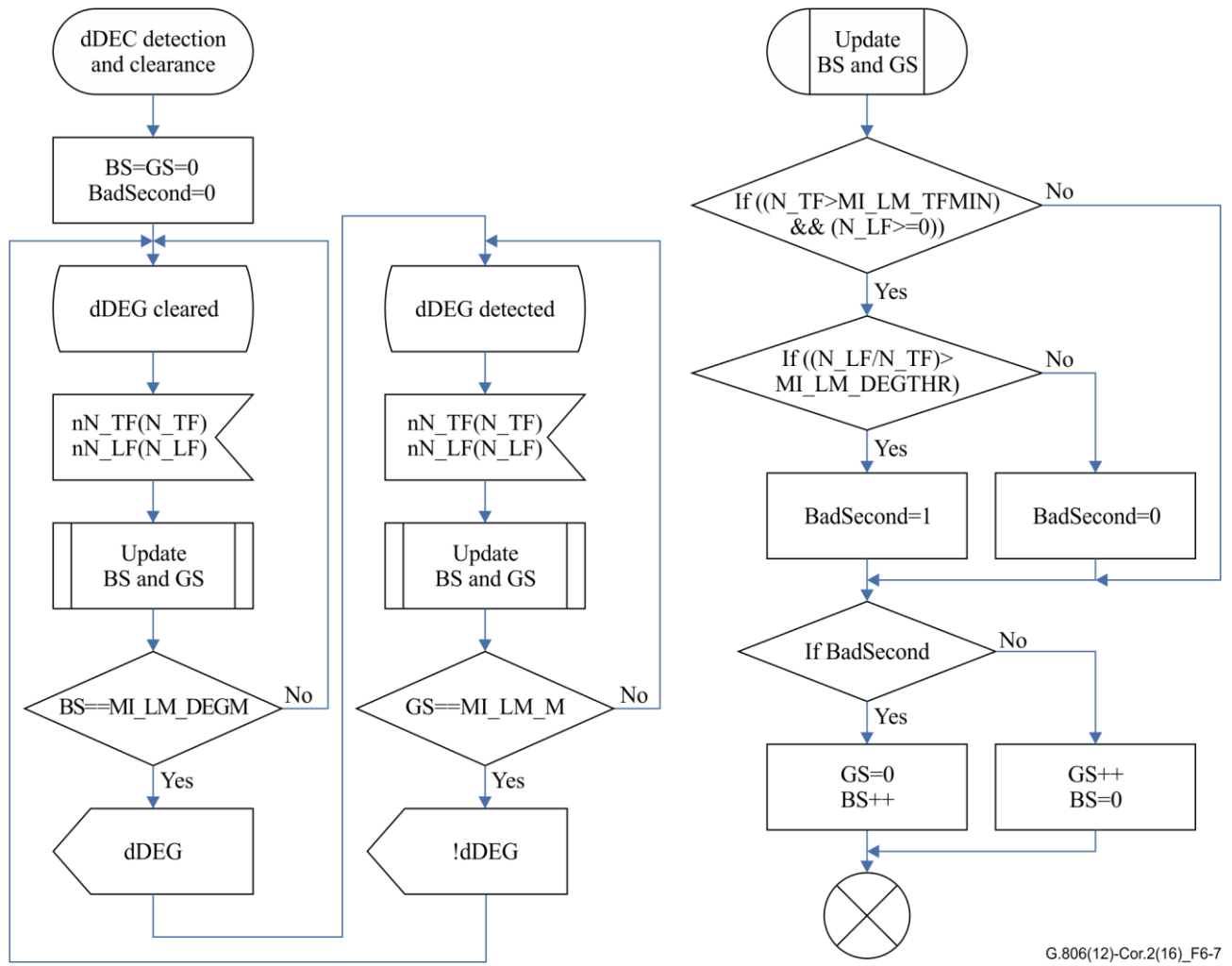


Figure 6-7 – dDEG detection and clearance process

with



G.806(12)-Cor.2(16)_F6-7

Figure 6-7 – dDEG detection and clearance process

5) Appendix X

Add new Appendix X as follows:

Appendix X

SDL descriptions

(This appendix does not form an integral part of this Recommendation.)

In this Recommendation, detailed characteristics of equipment functional blocks are described with SDL diagrams specified in [ITU-T Z.100]. The SDL diagrams use the conventions depicted in Figure X.1.

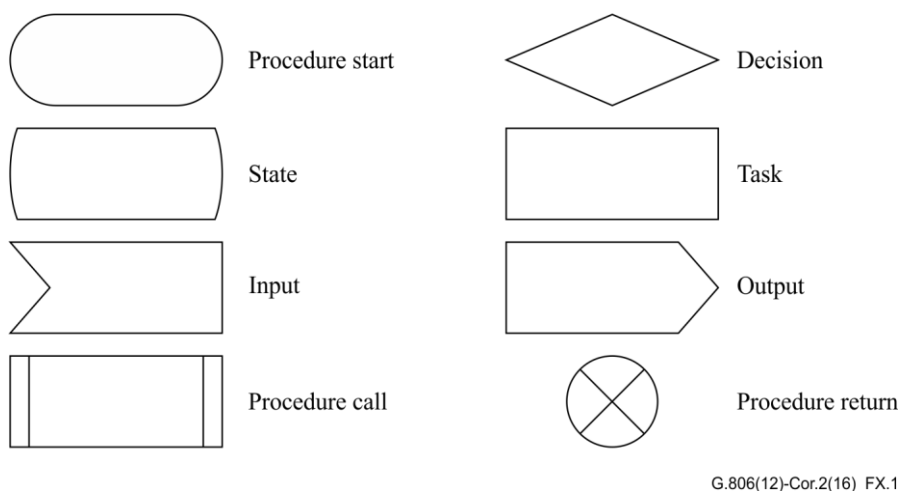


Figure X.1 – SDL symbols

6) Bibliography

Replace the following entries:

- [b-ITU-T G.8201] Recommendation ITU-T G.8201 (2003), *Error performance parameters and objectives for multi-operator international paths within the Optical Transport Network (OTN)*.
- [b-IEEE 802.3] IEEE 802.3 (in force), *IEEE Standard for Information technology – Telecommunications and information exchange between systems – Local and metropolitan area networks – Specific requirements Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) access method and Physical Layer specifications – Section Five*.
<http://ieeexplore.ieee.org/xpl/standards.jsp>

with:

- [b-ITU-T G.8201] Recommendation ITU-T G.8201 (2011), *Error performance parameters and objectives for multi-operator international paths within optical transport networks*
- [b-IEEE 802.3] IEEE 802.3 (2015), [IEEE Standard for Ethernet](https://standards.ieee.org/findstds/standard/802.3-2015.html)
<<https://standards.ieee.org/findstds/standard/802.3-2015.html>>

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