

# ITU-T

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

## G.993.5

**Corrigendum 2**  
(06/2012)

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

Digital sections and digital line system – Access networks

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Self-FEXT cancellation (vectoring) for use with  
VDSL2 transceivers

**Corrigendum 2**

Recommendation ITU-T G.993.5 (2010) –  
Corrigendum 2

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# **Recommendation ITU-T G.993.5**

## **Self-FEXT cancellation (vectoring) for use with VDSL2 transceivers**

### **Corrigendum 2**

#### **Summary**

Corrigendum 2 to Recommendation ITU-T G.993.5 (2010) covers the following changes:

- corrections to Figures 7-4 and 7-5
- correction made in clause 10.3.3.5 – Downstream Sync symbol and upstream pilot sequence markers.

#### **History**

Edition	Recommendation	Approval	Study Group
1.0	ITU-T G.993.5	2010-04-22	15
1.1	ITU-T G.993.5 (2010) Cor. 1	2011-06-22	15
1.2	ITU-T G.993.5 (2010) Amd. 1	2011-12-16	15
1.3	ITU-T G.993.5 (2010) Cor. 2	2012-06-13	15

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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.

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As of the date of approval of this Recommendation, ITU had received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementers are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database at <http://www.itu.int/ITU-T/ipr/>.

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Corrigendum 2

1) Correction to Figures 7-4 and 7-5

Change Figures 7-4 and 7-5 as follows:

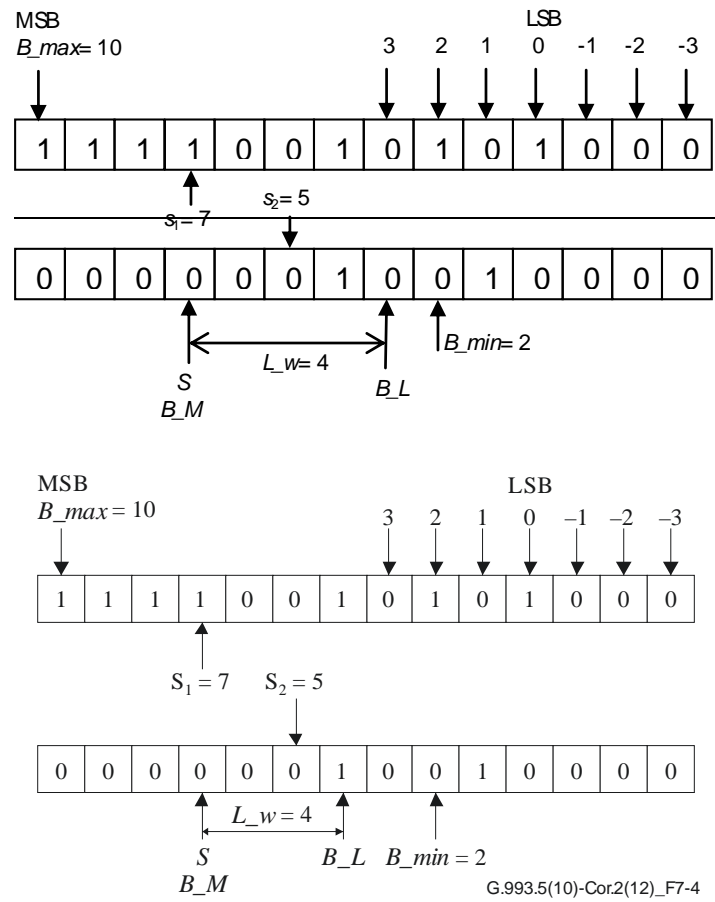
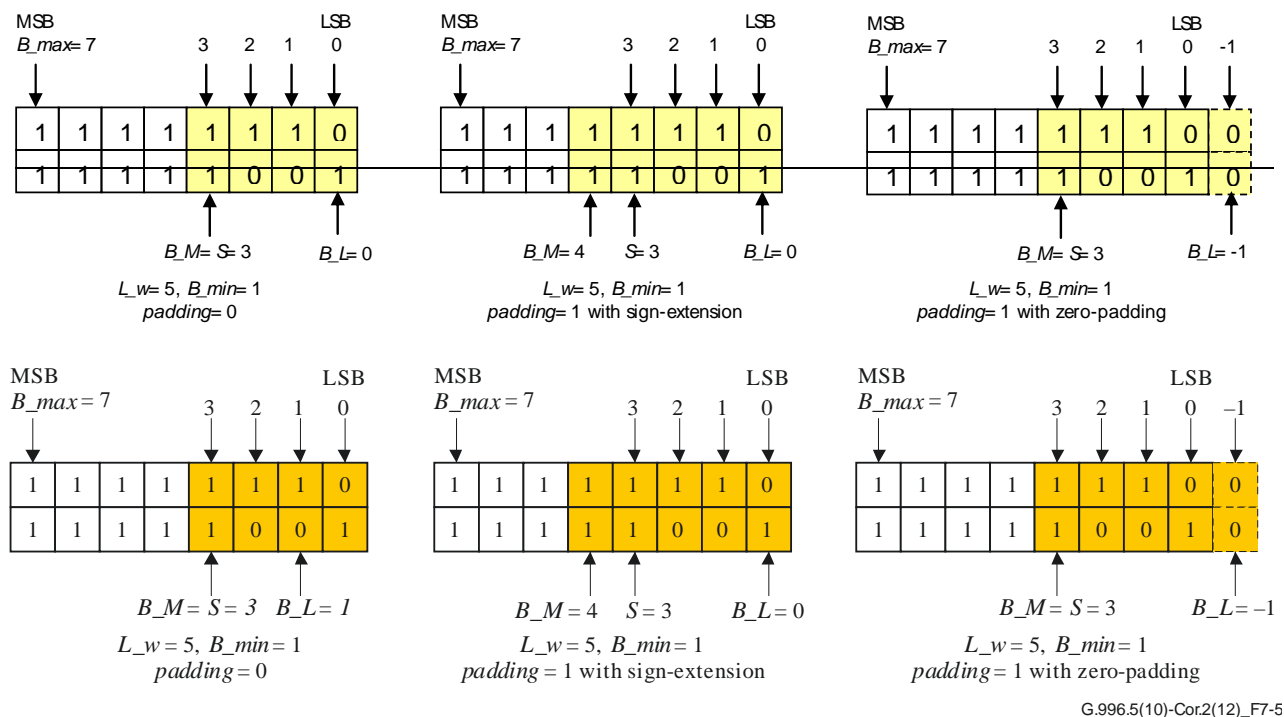


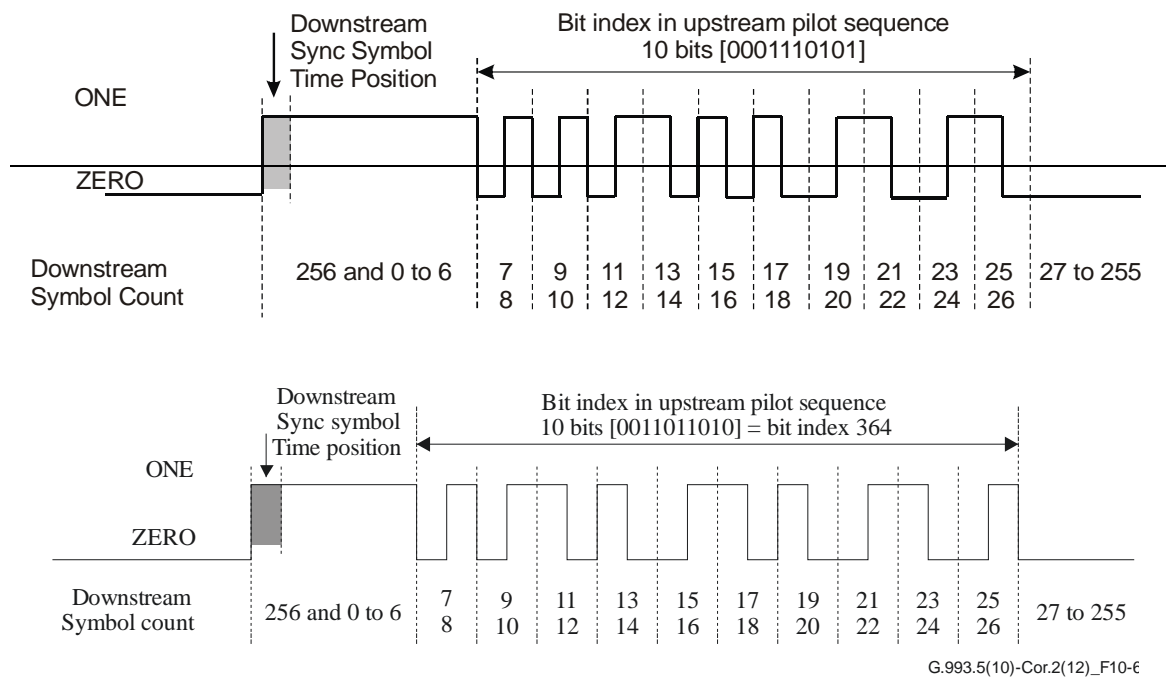
Figure 7-4 – Example of two registers, each representing a clipped error sample component



**Figure 7-5 – Example of reported bits for a block of clipped error samples for different padding types**

## 2) Change to clause 10.3.3.5

Replace Figure 10-6 by the following example for 10 bits [0011011010]:



**Figure 10-6 – Pattern modulated on subcarriers  $10n+9$  following the sync symbol position of the vectored lines**



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