ITU-T

TELECOMMUNICATION STANDARDIZATION SECTOR OF ITU **G.994.1**Corrigendum 1
(10/2011)

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

Digital sections and digital line system – Access networks

Handshake procedures for digital subscriber line (DSL) transceivers

Corrigendum 1

Recommendation ITU-T G.994.1 (2007) - Corrigendum 1



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

Recommendation ITU-T G.994.1

Handshake procedures for digital subscriber line (DSL) transceivers

Corrigendum 1

Summary

Corrigendum 1 to Recommendation ITU-T G.994.1 (2007) contains the following change:

 Correction to the code point to indicate the support of downstream virtual noise during diagnostic mode.

History

Edition	Recommendation	Approval	Study Group
1.0	ITU-T G.994.1	1999-07-02	15
1.1	ITU-T G.994.1 (1999) Cor. 1	2000-04-04	15
2.0	ITU-T G.994.1	2001-02-09	15
3.0	ITU-T G.994.1	2002-07-29	15
4.0	ITU-T G.994.1	2003-05-22	15
4.1	ITU-T G.994.1 (2003) Amd. 1	2004-02-22	15
4.2	ITU-T G.994.1 (2003) Amd. 2	2004-06-13	15
4.3	ITU-T G.994.1 (2003) Amd. 3	2005-01-13	15
4.4	ITU-T G.994.1 (2003) Amd. 4	2006-01-13	15
5.0	ITU-T G.994.1	2007-02-13	15
5.1	ITU-T G.994.1 (2007) Amd. 1	2007-11-22	15
5.2	ITU-T G.994.1 (2007) Amd. 2	2008-04-13	15
5.3	ITU-T G.994.1 (2007) Amd. 3	2009-03-22	15
5.4	ITU-T G.994.1 (2007) Amd. 4	2009-06-29	15
5.5	ITU-T G.994.1 (2007) Amd. 5	2010-04-22	15
5.6	ITU-T G.994.1 (2007) Amd. 6	2010-11-29	15
5.7	ITU-T G.994.1 (2007) Amd. 7	2011-04-13	15
5.8	ITU-T G.994.1 (2007) Cor. 1	2011-10-29	15

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications, information and communication technologies (ICTs). 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.

Compliance with this Recommendation is voluntary. However, the Recommendation may contain certain mandatory provisions (to ensure, e.g., interoperability or applicability) and compliance with the Recommendation is achieved when all of these mandatory provisions are met. The words "shall" or some other obligatory language such as "must" and the negative equivalents are used to express requirements. The use of such words does not suggest that compliance with the Recommendation is required of any party.

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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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Recommendation ITU-T G.994.1

Handshake procedures for digital subscriber line (DSL) transceivers

Corrigendum 1

1) Correction to the code point to indicate the support of downstream virtual noise during diagnostic mode.

Modify the 5 Tables 11.x with x = 29, 31, 33, 35, 49 (Annex A/L, B, I, J, and M respectively) as follows:

Table 11.x – Standard information field – G.992.3 Annexes A/L NPar(2) coding – Octet 1

Bits								
8	7	6	5	4	3	2	1	G.992.3 Annexes A/L NPar(2)s
X	X	X	X	X	X	X	1	NTR
X	X	X	X	X	X	1	X	Short initialization
X	X	X	X	X	1	X	X	Diagnostics mode
х	X	X	X	1	X	X	X	Support of downstream virtual noise in diagnostics modeReserved for allocation by the ITU-T
X	X	X	1	X	X	X	X	Support of downstream virtual noise
X	X	1	X	X	X	X	X	Support of downstream virtual noise in diagnostics modeReserved for allocation by the ITU-T.
X	X	0	0	0	0	0	0	No parameters in this octet

Modify the 5 Tables 11.x with x = 43, 45, 47, 51, 57 (Annex A, B, I, J, and M respectively) as follows:

Table 11.x – Standard information field – G.992.5 Annex A NPar(2) coding – Octet 1

Bits								
8	7	6	5	4	3	2	1	G.992.5 Annex A NPar(2)s
X	X	X	X	X	X	X	1	NTR
X	X	X	X	X	X	1	X	Short initialization
X	X	X	X	X	1	X	X	Diagnostics mode
X	X	X	X	1	X	X	X	Support of downstream virtual noise in diagnostics modeReserved for allocation by the ITU-T
X	X	X	1	X	X	X	X	Support of downstream virtual noise
х	X	1	X	X	X	X	X	Support of downstream virtual noise in diagnostics mode Downstream spectrum shaping using time domain filtering only
X	X	0	0	0	0	0	0	No parameters in this octet

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