

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

G.994.1

Corrigendum 1

(10/2016)

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

Digital sections and digital line system – Metallic access
networks

Handshake procedures for digital subscriber line
transceivers

Corrigendum 1

Recommendation ITU-T G.994.1 (2012) –
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 transceivers

Corrigendum 1

Summary

Corrigendum 1 to Recommendation ITU-T G.994.1 (2012) includes:

- Correct the number of RFI bands for ITU-T G.9701.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T G.994.1	1999-07-02	15	11.1002/1000/4720
1.1	ITU-T G.994.1 (1999) Cor. 1	2000-04-04	15	11.1002/1000/5139
2.0	ITU-T G.994.1	2001-02-09	15	11.1002/1000/5364
3.0	ITU-T G.994.1	2002-07-29	15	11.1002/1000/6119
4.0	ITU-T G.994.1	2003-05-22	15	11.1002/1000/6281
4.1	ITU-T G.994.1 (2003) Amd. 1	2004-02-22	15	11.1002/1000/7080
4.2	ITU-T G.994.1 (2003) Amd. 2	2004-06-13	15	11.1002/1000/7351
4.3	ITU-T G.994.1 (2003) Amd. 3	2005-01-13	15	11.1002/1000/7495
4.4	ITU-T G.994.1 (2003) Amd. 4	2006-01-13	15	11.1002/1000/8549
5.0	ITU-T G.994.1	2007-02-13	15	11.1002/1000/8993
5.1	ITU-T G.994.1 (2007) Amd. 1	2007-11-22	15	11.1002/1000/9167
5.2	ITU-T G.994.1 (2007) Amd. 2	2008-04-13	15	11.1002/1000/9388
5.3	ITU-T G.994.1 (2007) Amd. 3	2009-03-22	15	11.1002/1000/9675
5.4	ITU-T G.994.1 (2007) Amd. 4	2009-06-29	15	11.1002/1000/9891
5.5	ITU-T G.994.1 (2007) Amd. 5	2010-04-22	15	11.1002/1000/10415
5.6	ITU-T G.994.1 (2007) Amd. 6	2010-11-29	15	11.1002/1000/11018
5.7	ITU-T G.994.1 (2007) Amd. 7	2011-04-13	15	11.1002/1000/11129
5.8	ITU-T G.994.1 (2007) Cor. 1	2011-10-29	15	11.1002/1000/11417
5.9	ITU-T G.994.1 (2007) Amd. 8	2011-12-16	15	11.1002/1000/11416
6.0	ITU-T G.994.1	2012-06-13	15	11.1002/1000/11644
6.1	ITU-T G.994.1 (2012) Amd. 1	2012-10-29	15	11.1002/1000/11797
6.2	ITU-T G.994.1 (2012) Amd. 2	2013-08-29	15	11.1002/1000/11994
6.3	ITU-T G.994.1 (2012) Amd. 3	2014-01-13	15	11.1002/1000/12093
6.4	ITU-T G.994.1 (2012) Amd. 4	2014-12-05	15	11.1002/1000/12094
6.5	ITU-T G.994.1 (2012) Amd. 5	2015-02-13	15	11.1002/1000/12373
6.6	ITU-T G.994.1 (2012) Amd. 6	2015-08-29	15	11.1002/1000/12564
6.7	ITU-T G.994.1 (2012) Amd. 7	2016-06-13	15	11.1002/1000/12797
6.8	ITU-T G.994.1 (2012) Cor. 1	2016-10-29	15	11.1002/1000/13063

* 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/11.1002/1000/1830-en>.

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.

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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 transceivers

Corrigendum 1

1) Correct the number of RFI bands for ITU-T G.9701

Modify Tables 11.70.4.4j-4, 11.70.4.4j-3, 11.70.4.4j-2, 11.70.4.4j-1 as follows:

Table 11.70.4.4j-4 – Standard information field – ITU-T G.9701
RFI bands NPar(3) coding – Octet 4j – 3 (j = 1 to ~~16~~32)

Bits								ITU-T G.9701 RFI bands NPar(3)s – Octet 4j – 3 (j = 1 to 16 32)
8	7	6	5	4	3	2	1	
x	x	x	x	x	x	x	x	End sub-carrier index of band j (bits 12 to 7)

Table 11.70.4.4j-3 – Standard information field – ITU-T G.9701
RFI bands NPar(3) coding – Octet 4j – 2 (j = 1 to ~~16~~32)

Bits								ITU-T G.9701 RFI bands NPar(3)s – Octet 4j – 2 (j = 1 to 16 32)
8	7	6	5	4	3	2	1	
x	x	x	x	x	x	x	x	End sub-carrier index of band j (bits 6 to 1)

Table 11.70.4.4j-2 – Standard information field – ITU-T G.9701
RFI bands NPar(3) coding – Octet 4j – 1 (j = 1 to ~~16~~32)

Bits								ITU-T G.9701 RFI bands NPar(3)s – Octet 4j – 1 (j = 1 to 16 32)
8	7	6	5	4	3	2	1	
x	x	x	x	x	x	x	x	Start sub-carrier index of band j (bits 12 to 7)

Table 11.70.4.4j-1 – Standard information field – ITU-T G.9701
RFI bands NPar(3) coding – Octet 4j (j = 1 to ~~16~~32)

Bits								ITU-T G.9701 RFI bands NPar(3)s – Octet 4j (j = 1 to 16 32)
8	7	6	5	4	3	2	1	
x	x	x	x	x	x	x	x	Start sub-carrier index of band j (bits 6 to 1)

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