

International Telecommunication Union

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

P.10/G.100

Amendment 3

(12/2011)

**SERIES P: TERMINALS AND SUBJECTIVE AND
OBJECTIVE ASSESSMENT METHODS**

Vocabulary and effects of transmission parameters on
customer opinion of transmission quality

**SERIES G: TRANSMISSION SYSTEMS AND MEDIA,
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International telephone connections and circuits –
Transmission planning and the E-model

Vocabulary for performance and quality of service

**Amendment 3: New definitions for inclusion in
Recommendation ITU-T P.10/G.100**

Recommendation ITU-T P.10/G.100 (2006) –
Amendment 3



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

Recommendation ITU-T P.10/G.100

Vocabulary for performance and quality of service

Amendment 3

New definitions for inclusion in Recommendation ITU-T P.10/G.100

Summary

Amendment 3 to Recommendation ITU-T P.10/G.100 provides definitions for super-wideband and fullband telephony. Furthermore, for completeness, the basic definition of QoS is added.

Therefore, it was agreed to include these definitions in Recommendation ITU-T P.10/G.100.

History

Edition	Recommendation	Approval	Study Group
1.0	ITU-T P.10	1980-11-21	
2.0	ITU-T P.10	1984-10-19	
3.0	ITU-T P.10	1988-11-25	
4.0	ITU-T P.10	1993-03-12	XII
5.0	ITU-T P.10	1998-12-03	12
5.1	ITU-T P.10 (1998) Amd. 1	2003-11-13	12
6.0	ITU-T P.10/G.100	2006-07-14	12
6.1	ITU-T P.10/G.100 (2006) Amd. 1	2007-01-25	12
6.2	ITU-T P.10/G.100 (2006) Amd. 2	2008-07-14	12
6.3	ITU-T P.10/G.100 (2006) Amd. 3	2011-12-14	12

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 not 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 P.10/G.100

Vocabulary for performance and quality of service

Amendment 3

New definitions for inclusion in Recommendation ITU-T P.10/G.100

Introduction

The following definitions are to be included in Recommendation ITU-T P.10/G.100 in correct alphabetical order at the respective correct places.

Super-wideband telephony

Transmission of speech with a nominal pass-band wider than 100-7000 Hz, usually understood to be 50-14000 Hz (see Normal-band telephony and Wideband telephony).

Fullband telephony

Transmission of speech with a nominal pass-band wider than 50-14000 Hz, usually understood to be 20-20000 Hz (see Normal-band telephony, Wideband telephony and Super-wideband telephony).

Quality of Service (QoS)

Totality of characteristics of a telecommunications service that bear on its ability to satisfy stated and implied needs of the user of the service.

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