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|  | | **International Telecommunication Union** | | |
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| **ITU-T** | **P.862.2** | |
| TELECOMMUNICATION STANDARDIZATION SECTOR OF ITU | | **Corrigendum 1**  (10/2017) |
|  | SERIES P: TELEPHONE TRANSMISSION QUALITY, TELEPHONE INSTALLATIONS, LOCAL LINE NETWORKS  Methods for objective and subjective assessment of speech and video quality | | | |
|  | Wideband extension to Recommendation P.862 for the assessment of wideband telephone networks and speech codecs  **Corrigendum 1** | | | |
|  | Recommendation ITU‑T P.862.2 (2007)  – Corrigendum 1 | | | |



ITU-T P-SERIES RECOMMENDATIONS

**TELEPHONE TRANSMISSION QUALITY, TELEPHONE INSTALLATIONS, LOCAL LINE NETWORKS**

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| Vocabulary and effects of transmission parameters on customer opinion of transmission quality | Series P.10 |
| Voice terminal characteristics | Series P.30 |
|  | P.300 |
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|  | P.500 |
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| Telemeeting assessment | Series P.1300 |
| Statistical analysis, evaluation and reporting guidelines of quality measurements | Series P.1400 |
| Methods for objective and subjective assessment of quality of services other than speech and video | Series P.1500 |
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*For further details, please refer to the list of ITU-T Recommendations.*

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| Recommendation ITU-T P.862.2  Wideband extension to Recommendation P.862 for the assessment of wideband telephone networks and speech codecs  Corrigendum 1 |

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| Summary  Corrigendum 1 to ITU-T P.862.2 draws attention to ITU-T P.862 Corrigendum 2, which addresses a systematic under-prediction of subjective scores that led to degradations being exaggerated, producing lower scores than expected. |

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| History   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Edition | Recommendation | Approval | Study Group | Unique ID[[1]](#footnote-1)\* | | 1.0 | ITU-T P.862.2 | 2005-11-29 | 12 | [11.1002/1000/8670](http://handle.itu.int/11.1002/1000/8670) | | 2.0 | ITU-T P.862.2 | 2007-11-13 | 12 | [11.1002/1000/9275](http://handle.itu.int/11.1002/1000/9275) | | 2.1 | ITU-T P.862.2 (2007) Cor. 1 | 2017-10-29 | 12 | [11.1002/1000/13398](http://handle.itu.int/11.1002/1000/13398) | |

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 P.862.2

Wideband extension to Recommendation P.862 for the assessment of wideband telephone networks and speech codecs

Corrigendum 1

This Corrigendum relates to the correction for ITU-T P.862.2 systematic under-prediction of subjective scores provided in Corrigendum 2 to Recommendation ITU-T P.862 (2001).

*Replace reference [ITU-T P.862] in clause 2 of the Recommendation with the following:*

[ITU-T P.862] Recommendation ITU-T P.862 (2001), *Perceptual evaluation of speech quality (PESQ): An objective method for end-to-end speech quality assessment of narrow-band telephone networks and speech codecs, including Amendment 2 (2005) and Corrigendum 2 (2018)*.

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1. \* 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>. [↑](#footnote-ref-1)