



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

V.92

Amendment 2
(03/2002)

SERIES V: DATA COMMUNICATION OVER THE
TELEPHONE NETWORK

Simultaneous transmission of data and other signals

Enhancements to Recommendation V.90

Amendment 2

ITU-T Recommendation V.92 (2000) – Amendment 2

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DATA COMMUNICATION OVER THE TELEPHONE NETWORK

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ITU-T Recommendation V.92

Enhancements to Recommendation V.90

Amendment 2

Summary

This amendment enhances the original V.90 Recommendation by adding interaction facilities for error-correcting procedures.

Source

Amendment 2 to ITU-T Recommendation V.92 (2000) was prepared by ITU-T Study Group 16 (2001-2004) and approved under the WTSA Resolution 1 procedure on 29 March 2002.

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications. 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, implementors are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database.

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ITU-T Recommendation V.92

Enhancements to Recommendation V.90

Amendment 2

1) New clause 9.10.3

Add the following new clause to the Recommendation:

9.10.3 Interaction with error-correcting procedures

When entering the on-hold state, error-correcting procedures such as ITU-T Rec. V.42 shall be suspended, for example, by freezing the acknowledgement timers.

When returning to data mode following a modem-on-hold session, the error-correcting procedures shall be resumed, for example by un-freezing the V.42 acknowledgement timers. It shall not be re-established as a new call, re-exchanging XID frames, nor use link re-establishment procedures. Even though the originator and answerer roles might be reversed, ITU-T Rec. V.42 shall still use the same Command/Response bits from the initial connection.

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