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Foreword

This European Telecommunication Standard (ETS) was produced by the Signalling Protocols and Switching (SPS) Technical Committee of the European Telecommunications Standards Institute (ETSI).

This ETS defines the tests to be run on an implementation of Transaction Capabilities (TC) (based on CCITT Recommendations Q.771 to Q.774, Blue Book 1988), as clarified and amended in ETS 300 134 (1992), to ensure conformance and compatibility.

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1 Scope

This European Telecommunication Standard (ETS) defines the Transaction Capabilities (TC) test specification for international non-circuit related services which use Signalling System No.7 for dialogues in and between networks.

2 Normative references

This ETS incorporates by dated and undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this ETS only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

[1] CCITT Recommendation Q.771 (1988): "Specifications of Signalling System No.7; Functional description of transaction capabilities".

[2] CCITT Recommendation Q.772 (1988): "Specifications of Signalling System No.7; Transaction capabilities information elements definitions".

[3] CCITT Recommendation Q.773 (1988): "Specifications of Signalling System No.7; Transaction capabilities formats and encoding".

[4] CCITT Recommendation Q.774 (1988): "Specifications of Signalling System No.7; Transaction capabilities procedures".

[5] ITU-T Recommendation Q.787 (1993): "Transaction capabilities (TC) test specification".

[6] ETS 300 134 (1992): "Integrated Services Digital Network (ISDN); CCITT Signalling System No.7; Transaction Capabilities Application Part (TCAP)".

3 Abbreviations

For the purposes of this ETS, the following abbreviations apply:

ISDN	Integrated Services Digital Network
IUT	Implementation Under Test
TC	Transaction Capabilities
TCAP	Transaction Capabilities Application Part

4 Requirements

This ETS is based on CCITT Recommendations Q.771 to Q.774 ([1] to [4]). The requirements of these recommendations shall apply unless modified by the exception statements and clarifications contained in ETS 300 134 [6].

Any specified test that verifies a functionality that is not provided in the Implementation Under Test (IUT) is not required.

Otherwise, the requirements and specifications of ITU-T Recommendation Q.787 [5] shall apply with the modifications identified in Clause 5 of this ETS.

5 Modifications to ITU-T Recommendation Q.787

5.1 ITU-T Recommendation Q.787, § 7.1.1

The last sentence of the last paragraph should be replaced by:

"If another message (except a P-Abort) is received as a response, this means that the transaction state machine is in the initiation-sent or active state."

5.2 Test 2.2.1.2

In the check table, replace the problem code value with "0000 0010 (Badly structured component)" or "0000 0001 (Mistyped component)".

5.3 Test 2.2.3.1

In the check table, replace the invalid tag with "0010 0010".

History

Document history	
August 1994	First Edition
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