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PNO-ISC/SPEC/004

C7 Interconnect Transaction Capabilities (TC)

Network Interoperability Consultative Committee
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C7 INTERCONNECT TRANSACTION CAPABILITIES (TC)

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0.2 NORMATIVE INFORMATION

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0.4 HISTORY

Revision	Date of Issue	Updated By	Description
Issue 1	April 1997	PNO-ISC Editors	First Issue

0.5 ISSUE CONTROL

PAGE	ISSUE	DATE
All	Issue 1	April 1997

0.6 REFERENCES

[1] ETS 300 287-1, September 1996, Final version, "Integrated Services Digital Network (ISDN), Signalling System No.7, Transaction Capabilities (TC) version 2, Part 1 : protocol specification".[1]

[2] ITU-T Recommendation Q.787, March 1993, "Transaction Capabilities (TC) Test Specification"[2].

0.7 GLOSSARY OF TERMS

ETS European Telecommunication Standard

ETSI European Telecommunications Standards Institute

ITU-T International Telecommunication Union- Telecommunication Standardization Sector

ISC Interconnect Standards Committee

ISDN Integrated Services Digital Network

TC Transaction Capabilities

0.8 SCOPE

The purpose of PNO-ISC/SPEC/004 is to specify the Transaction Capabilities (TC) which is standardised for use across a national interconnect between Public Network Operators to support non-circuit related applications which use Signalling System No.7 for network dialogues.

Note: In the past TC was known as TCAP, and is often still commonly referred to as such.

[1] ETSI Technical Specifications (ETSs) may be obtained from The ETSI Secretariat, F-06921 Sophia Antipolis, CEDEX — FRANCE, Telephone number +33 92 94 42 00.

[2] ITU Recommendations may be obtained from The Telecommunication Standardization Bureau, International Telecommunication Union, Place des Nations, CH - 1211 Genève,Switzerland. Fax: +41 22 730 5853

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1 GENERAL

Where a standard, not UK specific, Application Part uses Transaction Capabilities (TC), the version of TC used shall be that referenced in the specification of the Application Part.

Where a UK specific Application Part uses TC, the TC shall conform to ETS 300 287-1, September 1996, Final Edition (reference [1]).

Those parts of TC used in the network dialogues of the applications described in Section 0.8 shall be provided. Those parts of TC not used by these applications are not required (but if provided, shall not be used in the network dialogues of these applications).

ANNEX A TESTING

This annex is informative

It is recommended that when a new application using TC is to be introduced across interconnecting networks the testing of the application should include tests for TC. The set of tests required for testing the TC would be dependent on the TC features used by the new application.

Only those parts of TC that are required for the application need be tested. The tests should include those which are applicable from the tests defined in ITU-T Recommendation Q.787 (March 1993) (reference [2]). It should be noted that the 03/93 version of Q.787 is for testing the 1988 (Blue Book) version of TC and, as such, any additional parts of TC that an application requires (e.g. White Book Application Context) will require additional tests.

END OF PNO-ISC/SPEC/004

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