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**Terminal Equipment (TE);  
File transfer over the Integrated Digital Services Network (ISDN);  
Conformance testing specification  
Part 3: Profile Specific Test Specification (PSTS)  
for the EUROFILE profile (ETS 300 383)**

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## Foreword

Part 3 of this Interim European Telecommunication Standard (I-ETS) has been produced by the Terminal Equipment (TE) Technical Committee of the European Telecommunications Standards Institute (ETSI).

An ETSI standard may be given I-ETS status either because it is regarded as a provisional solution ahead of a more advanced standard, or because it is immature and requires a "trial period". The life of an I-ETS is limited to three years after which it can be converted into an ETS, have its life extended for a further two years, be replaced by a new version, or be withdrawn.

This is the third part of an I-ETS which comprises three parts as follows:

"Terminal Equipment (TE); File transfer over the Integrated Services Digital Network (ISDN); Conformance testing specification:

Part 1: Profile Implementation Conformance Statement (ICS) proforma for the EUROFILE profile (ETS 300 383);

Part 2: Profile Test Specification Summary (PTS-Summary) for the EUROFILE profile (ETS 300 383);

**Part 3: Profile Specific Test Specification (PSTS) for the EUROFILE profile (ETS 300 383).**

<b>Proposed announcement date</b>	
Date of adoption of this I-ETS:	30 August 1996
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## 1 Scope

Part 3 of this Interim European Telecommunication Standard (I-ETS) describes all the aspects of testing for the EUROFILE profile (ETS 300 383 [1]). This is the third part of EUROFILE conformance testing, and is the structuring document of the Profile Testing Standard, complementary to the Profile test Specification Summary (PTS-Summary) as given in I-ETS 300 490-2 [2] and the profile Implementation Conformance Statement (ICS) proforma for ETS 300 383 (I-ETS 300 490-1 [3]).

## 2 Normative references

Part 3 of this I-ETS incorporates by dated or 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 part of the I-ETS only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

- [1] ETS 300 383 (1995): "Integrated Services Digital Network (ISDN); File transfer over the ISDN EUROFILE transfer profile".
- [2] I-ETS 300 490-2 (1995): "Terminal Equipment (TE); File transfer over the Integrated Services Digital Network (ISDN); Conformance testing specification; Part 2: Profile Test Specification Summary (PTS-Summary) for the EUROFILE profile (ETS 300 383)".
- [3] I-ETS 300 490-1 (1995): "Terminal Equipment (TE); File transfer over the Integrated Services Digital Network (ISDN); Conformance testing specification; Part 1: profile Implementation Conformance Statement (ICS) proforma for the EUROFILE profile (ETS 300 383)".
- [4] ETS 300 012 (1992): "Integrated Service Digital Network (ISDN); Basic rate user-network interface, Layer 1 specification and test principles".
- [5] ETS 300 011 (1992): "Integrated Service Digital Network (ISDN); Primary rate user-network interface, Layer 1 specification and test principles".
- [6] ETS 300 125 (1991): "Integrated Service Digital Network (ISDN); User-network interface data layer link layer specifications Applications of CCITT Recommendations Q.920/I.440 and Q.921/I.441".
- [7] ETS 300 102-1 (1993): "Integrated Service Digital Network (ISDN); User-network interface layer 3 specifications for basic call control".
- [8] ETS 300 080 (1992): "Integrated Service Digital Network (ISDN); ISDN lower layer protocols for telematic terminals".
- [9] I-ETS 300 491-3 (1995): "Terminal Equipment (TE); Conformance testing for file transfer over the Integrated services Digital Network (ISDN); Part 3: Conformance testing for ETS 300 075 restricted by ETS 300 383 -Abstract Test Suite (ATS)".
- [10] ETS 300 079 (1991): "Integrated Services Digital Network (ISDN); Syntax-based Videotex, End-to-end protocols circuit mode DTE-DTE".
- [11] I-ETS 300 236 (1993): "Terminal Equipment (TE); Syntax-based Videotex protocol, Terminal conformance testing".
- [12] ETS 300 406 (1995): "Methods for Testing and Specification (MTS); Protocol and profile conformance testing specifications; Standardization methodology".
- [13] ETS 300 075 (1994): "Terminal Equipment (TE); Processable data, File transfer".

- [14] ITU-T Recommendation T.51 (1993): "Coded character sets for telematic services".
- [15] I-ETS 300 491-2 (1995): "Terminal Equipment (TE); Conformance testing for file transfer over the Integrated services Digital Network (ISDN); Part 2: ETS 300 075 Test Suite Structure and Test Purposes (TSS&TP)".
- [16] ISO/IEC 9646-5 (1994): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 5: Requirements on test laboratories and clients for the Conformance Assessment Process".
- [17] ISO/IEC 9646-3 (1993): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 3: Tree and Tabular Combined Notation (TTCN)".

### 3 Definitions and abbreviations

#### 3.1 Definitions

For the purposes of this part of the I-ETS, the definitions given in ISO/IEC 9646, Parts 1 to 8, ETS 300 075 [13] and ETS 300 383 [1] apply.

#### 3.2 Abbreviations

For the purposes of this part of the I-ETS, the following abbreviations apply:

ASP	Abstract Service Primitive
ATM	Abstract Test Method
ATS	Abstract Test Suite
CTP	Combined Test Purpose
DTE	Data Terminal Equipment
HLC	Higher Layer Compatibility
ICS	Implementation Conformance Statement
ISDN	Integrated Services Digital Network
IUT	Implementation Under Test
IXIT	Implementation eXtra Information for Testing
LT	Lower Tester
OSI	Open Systems Interconnect
PCO	Point of Control and Observation
PCTR	Protocol Conformance test Report
PDU	Protocol Data Unit
PICS	Protocol Implementation Conformance Statement
PIXIT	Protocol Implementation eXtra Information for Testing
Profile CTR	Profile Conformance Test Report
Profile ICS	Profile Implementation Conformance Statement
PSTS	Profile Specific Test Specification
PTS	Profile Test Specification
PTS-Summary	Profile Test Specification Summary
RL	Requirement List
SBV	Syntax-Based Videotex
SCS	System Conformance Statement
SCTR	System Conformance Test Report
SUT	System Under Test
TE	Terminal Equipment
TP	Test Purposes
TSS	Test Suite Structure
TTCN	Tree and Tabular Combined Notation
UT	Upper Tester

## **4 General**

This part of the I-ETS describes all the aspects of testing.

The Abstract Test Suite (ATS) is specified in annex A.

NOTE: The ATS is written in Tree and Tabular Combined Notation (TTCN) and follows the rules of ISO/IEC 9646-3 [17]. The ATS exists in machine processable form (DIP04903.MP) and is the property of ETSI.

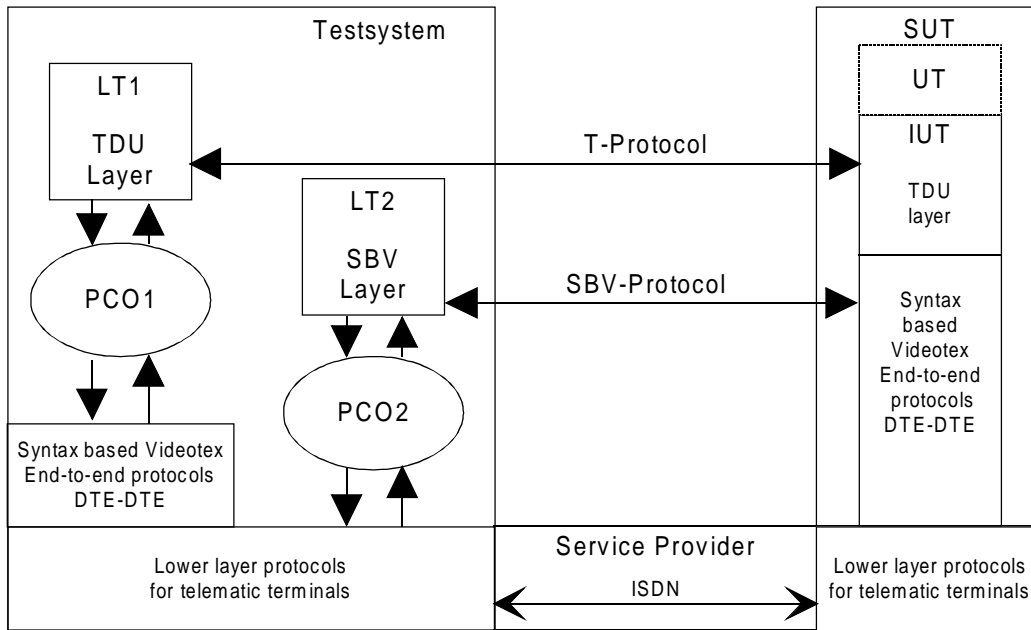
Additional Selected Test Cases of other Conformance test specifications are described in clause 7.

## **5 Abstract Test Method**

This clause describes the Abstract Test Method (ATM), the Points of Control and Observation (PCO) used to test the simple file transfer over the Integrated Services Digital Network (ISDN).

The Remote multi layer test method shall be used.

The following figure shows the ATM.



- LT A Lower Tester (LT) is located in the test system. It controls and observes the behaviours of the Implementation Under Test (IUT).
- PCO1 The PCO one is defined between T-Service user and T-Service provider (see ETS 300 075 [13], page 18, "Case of Syntax-Based Videotex:"). PCO1 is the main PCO in the ATS.
- PCO2 The PCO two is defined below the syntax-Based Videotex layer. It serves only for specific Test Cases to observe the behaviour of used Syntax-Based Videotex (see ETS 300 075 [13], subclause 6.5). PCO2 serves only for specific Test Cases and does not serve to observe all Test Cases. The reason for PCO2, is that if the IUT sends a T\_Abort or a T\_Release then the reaction on PCO1 cannot be observed.
- Service Provider The Service Provider consists partly of Syntax based Videotex End-to-End protocols DTE-DTE (ETS 300 079 [10]) and Lower layer protocols for telematic terminals (ETS 300 080 [8]).
- IUT ETS 300 075 [13] restricted to EUROFILE profile is the IUT. It belongs to the System Under Test (SUT).
- UT No explicit Upper Tester (UT) exists in the test system. However, the SUT needs to carry out some IUT actions by the user interface to achieve some effects of test co-ordination procedures. The controls of the IUT are implied or informally expressed in the ATS, but no assumption shall be made regarding their feasibility or realisation.

NOTE: This ATM cannot be used for the testing of local services. In order to test local services this test specification describes the test in the ATS with text, and the tester shall realize those local service tests by the specific procedure described in annex B.

Figure 1: ATM

## **6 Test requirements**

### **6.1 General requirements**

For this conformance test specification all the requirements to carry out the tests are given.

To realize this conformance test specification it is necessary that all the layers below work properly. For this reason, lower layers shall be checked before this specification by relevant conformance test specifications, see clause 7.

This test specification does not deal with the details of the human interface. Only Protocol Data Units (PDUs) and Parameters are observed and controlled at the PCOs.

The tester shall observe the order of transmission of parameters within a PDU. At present, a fixed order of transmission of parameters is not required by the I-ETS. Consequently, the test equipment shall realize the receiving of parameters in different order.

### **6.2 Low layer requirements**

Clause 10 of ETS 300 383 [1] shall apply without any additional application rules.

Additional requirements or references to referenced documents are given in the following subclauses.

#### **6.2.1 Layer 1 protocols**

For terminals using basic access to an ISDN, ETS 300 012 [4] shall apply without any additional application rules.

For terminals using the primary rate access to an ISDN, ETS 300 011 [5] shall apply without any additional application rules.

#### **6.2.2 Layer 2 protocols, D-channel layer**

ETS 300 125 [6] shall apply without any additional rules.

#### **6.2.3 Layer 3 protocols D-channel layer**

Additional requirements and amendments are given in the following subclauses.

##### **6.2.3.1 Terminal selection and compatibility checking**

Subclause 10.2.2 of ETS 300 383 [1] describes the use of the "Eurofile" Higher Layer Compatibility (HLC) codepoint. This codepoint is not available and is thus not relevant for testing.

##### **6.2.3.2 Service specific use of supplementary services**

No supplementary service tests are contained in this I-ETS.

#### **6.2.4 Information transfer attributes**

The information transfer attributes of this teleservice are specified in table 1.

Table 1: Values of information transfer attributes

Attribute	Possible values
Information transfer mode	Circuit
Information transfer rate	64 kbit/s
Information transfer capability	Unrestricted digital information
Structure	8 kHz integrity
Establishment of communication	On demand
Symmetry	Bi-directional symmetric
Communication configuration	Point-to-point

### 6.2.5 Access attributes

The access attributes of this teleservice are specified in table 2.

Table 2: Values

Attribute	Possible values
Access channel and rate	User information - B-channel Signalling - D-channel
Signalling access protocol	ETS 300 125 [6] and 300 102-1 [7]
Information access protocol	ETS 300 080 [8]

### 6.3 End-to-end protocol

Clause 9 in ETS 300 383 [1] shall apply without any additional rules.

### 6.4 IUT test suite specific requirements

Before the test specification is started the tester shall configure the IUT (SUT). The test files, the access control list and the Correspondent phonebook shall be prepared.

#### 6.4.1 Test file

This ATS gives a fixed order of directories and files. The tester shall activate transactions for certain Test Cases at the IUT user interface. For this reason, the tester shall realize the following designations of files in the IUT in the directory 'eurotest' as follows:

- File type group A (default):
  - a) tstde\_2, tstlo\_1, tstre\_n1, tstre\_o1, tstre\_o2, tstre\_3, tsts\_a\_2.

The content of the files is defined in Annex A, in the TTCN description.

#### 6.4.2 Access control list

For the carrying out of tests, the tester shall prepare the access control list as follows:

- Services: Restrictions to services shall not be allowed.
- Identifier: Name: TESTEURO and Password: testrun shall be granted, i.e. the following identifier: "TESTEURO/testrun".
- Working area: EUROTTEST.

NOTE: Additional rules for identifiers are given in annex B, subclause B.2.3.5.



### 6.4.3 Correspondent phone book

For carrying out the tests, the tester shall prepare the Corresponding phone book as follows:

Services: Restrictions to services shall not be allowed.

Called address: TSPX\_CALLED\_ADDRESS, see annex B, subclause B.2.3.2.

Local working filestore: EUROTTEST.

## 7 Profile Specific Test Specification (PSTS)

### 7.1 Additional selected Test Cases of other conformance test specifications

Before carrying out the tests the correct implementation of the lower layers shall be checked and other Protocol Conformance Test Report (PCTR) should be used.

This clause gives an overview about additional test specifications. Relevant test specifications are showed in the figure below.

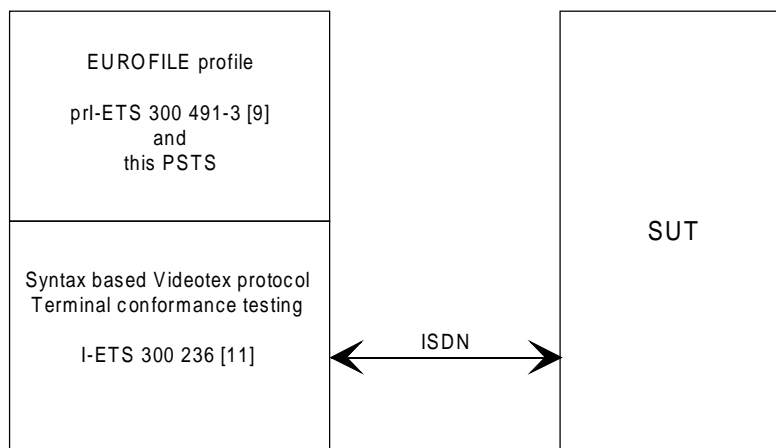


Figure 2: Test specifications

### 7.2 Relevant Test Cases from I-ETS 300 491-3

See the list of Test Cases used in I-ETS 300 491-3 [9].

This I-ETS describes all references used for testing the EUROFILE profile (ETS 300 383 [1]).

Table 3: List of Test Purposes applicable to the profile

Test Purpose group	Test Case Identification	Remarks
S/CA/AS	TCS2_102	
S/CA/AC	TCS2_202	
S/CA/SA	TCS2_401	
S/CA/LO	TCS2_501	
S/CA/RE	TCS2_601	
S/CA/DE	TCS2_701	
S/CA/FT	TCS2_802	
S/BV/PI/AS	TCS3I101	
S/BV/PI/FT	TCS3I802	
S/BV/PI/FT	TCS3I804	
S/BV/PI/FT	TCS3I805	
S/BV/PI/FT	TCS3I807	
S/BV/PI/FT	TCS3I808	
S/BV/PI/FT	TCS3I809	
S/BV/PI/FT	TCS3I810	
S/BV/PI/TD	TCS3I901	
S/BV/PV/AC	TCS3V201	
S/BV/PV/AC	TCS3V202	
S/BV/PV/AC	TCS3V203	
S/BV/PV/DI	TCS3V301	
S/BV/PV/SA	TCS3V401	
S/BV/PV/LO	TCS3V501	
S/BV/PV/RE	TCS3V601	
S/BV/PV/RE	TCS3V602	
S/BV/PV/DE	TCS3V701	
S/BV/PV/FT	TCS3V801	
S/BV/PV/FT	TCS3V802	
S/BV/PV/FT	TCS3V804	
S/BV/PC/DI	TCS3C301	
S/BV/PC/SA	TCS3C401	
S/BV/PC/LO	TCS3C501	
S/BV/PC/RE	TCS3C601	
S/BV/PC/DE	TCS3C701	
S/BV/PC/FT	TCS3C602	
S/BV/IE/AS	TCS3E101	
S/BV/IE/AC	TCS3E201	
S/BV/IE/SA	TCS3E401	
S/BV/IE/LO	TCS3E501	
S/BI/PV/AS	TCS5V101	
S/BI/PV/AS	TCS5V102	
S/BI/PV/AS	TCS5V103	
S/BI/PV/AS	TCS5V104	
S/BI/PV/AS	TCS5V105	
S/BI/PV/AC	TCS5V201	
S/BI/PV/AC	TCS5V202	
S/BI/PV/AC	TCS5V203	
S/BI/PV/DI	TCS5V301	
S/BI/PV/SA	TCS5V401	

(continued)

Table 3 (continued): List of Test Purposes applicable to the profile

Test Purpose group	Test Case Identification	Remarks
S/BI/PV/LO	TCS5V501	
S/BI/PV/DE	TCS5V701	
S/BI/PV/FT	TCS5V801	
S/BI/PV/FT	TCS5V803	
S/BI/PV/FT	TCS5V804	
S/BI/PV/FT	TCS5V807	
S/BI/PV/FT	TCS5V808	
S/BI/PV/FT	TCS5V809	
S/BI/PV/FT	TCS5V810	
S/BI/PV/FT	TCS5V811	
S/BI/PV/TD	TCS5V901	
S/BI/PC/FT	TCS5C801	
S/BI/PC/FT	TCS5C802	
S/BO/IE/AS	TCS4E101	
S/BO/IE/AS	TCS4E102	
S/BO/IE/AS	TCS4E103	
S/BO/IE/AC	TCS4E201	
S/BO/IE/AC	TCS4E202	
S/BO/IE/AC	TCS4E203	
S/BO/IE/SA	TCS4E401	
S/BO/IE/SA	TCS4E402	
S/BO/IE/LO	TCS4E501	
S/BO/IE/FT	TCS4E801	
S/BO/IE/FT	TCS4E802	
M/CA/AS	TCM2_102	
M/CA/AC	TCM2_202	
M/CA/SA	TCM2_401	
M/CA/LO	TCM2_501	
M/CA/RE	TCM2_601	
M/CA/DE	TCM_701	
M/BV/PI/AS	TCM3I101	
M/BV/PI/AS	TCM3I102	
M/BV/PI/AC	TCM3I201	
M/BV/PI/DI	TCM3I301	
M/BV/PI/SA	TCM3I401	
M/BV/PI/SA	TCM3I402	
M/BV/PI/LO	TCM3I501	
M/BV/PI/LO	TCM3I502	
M/BV/PI/RE	TCM3I601	
M/BV/PI/DE	TCM3I701	
M/BV/PI/FT	TCM3I802	
M/BV/PI/FT	TCM3I804	
M/BV/PI/FT	TCM3I805	
M/BV/PI/FT	TCM3I807	
M/BV/PI/FT	TCM3I808	
M/BV/PI/FT	TCM3I809	
M/BV/PI/FT	TCM3I810	

(continued)

Table 3 (continued): List of Test Purposes applicable to the profile

Test Purpose group	Test Case Identification	Remarks
M/BV/PI/FT	TCM3I8011	
M/BV/PI/TD	TCM3I901	
M/BV/PV/FT	TCM3V801	
M/BV/PV/FT	TCM3V802	
M/BV/IE/AS	TCM3E101	
M/BV/IE/AS	TCM3E102	
M/BV/IE/AC	TCM3E201	
M/BV/IE/AC	TCM3E202	
M/BV/IE/SA	TCM3E401	
M/BV/IE/SA	TCM3E402	
M/BV/IE/LO	TCM3E501	
M/BV/IE/LO	TCM3E502	
M/BV/IE/TD	TCM3E901	
M/BV/IE/TD	TCM3E902	
M/BV/TI/AC	TCM3T201	
M/BV/TI/DI	TCM3T301	
M/BV/TI/FT	TCM3T801	
M/BI/PV/AS	TCM5V101	
M/BI/PV/AS	TCM5V102	
M/BI/PV/AS	TCM5V103	
M/BI/PV/AS	TCM5V104	
M/BI/PV/AC	TCM5V201	
M/BI/PV/AC	TCM5V202	
M/BI/PV/AC	TCM5V204	
M/BI/PV/DI	TCM5V301	
M/BI/PV/SA	TCM5V401	
M/BI/PV/LO	TCM5V501	
M/BI/PV/RE	TCM5V601	
M/BI/PV/DE	TCM5V701	
M/BI/PV/FT	TCM5V801	
M/BI/PV/FT	TCM5V802	
M/BI/PV/FT	TCM5V803	
M/BI/PV/FT	TCM5V806	
M/BI/PV/FT	TCM5V807	
M/BI/PV/FT	TCM5V808	
M/BI/PV/TD	TCM5V901	
M/BI/PC/FT	TCM5C801	
M/BI/PC/FT	TCM5C802	
M/BO/IE/AS	TCM4E101	
M/BO/IE/AS	TCM4E102	
M/BO/IE/AS	TCM4E103	
M/BO/IE/AS	TCM4E104	
M/BO/IE/AS	TCM4E105	
M/BO/IE/AC	TCM4E201	
M/BO/IE/AC	TCM4E202	
M/BO/IE/AC	TCM4E203	
M/BO/IE/AC	TCM4E204	
M/BO/IE/AC	TCM4E205	
M/BO/IE/AC	TCM4E206	

(continued)

**Table 3 (concluded): List of Test Purposes applicable to the profile**

<b>Test Purpose group</b>	<b>Test Case Identification</b>	<b>Remarks</b>
M/BO/IE/DI	TCM4E301	
M/BO/IE/SA	TCM4E401	
M/BO/IE/SA	TCM4E402	
M/BO/IE/LO	TCM4E501	
M/BO/IE/LO	TCM4E502	
M/BO/IE/LO	TCM4E503	
M/BO/IE/RE	TCM4E601	
M/BO/IE/DE	TCM4E701	
M/BO/IE/FT	TCM4E801	
M/BO/IE/FT	TCM4E802	

### **7.3 Relevant Syntax-Based Videotex end-to-end protocol DTE-DTE Test Cases**

This test specification is based on Syntax-Based Videotex (SBV) end-to-end protocol DTE-DTE. EUROFILE shall use the transparent mode (with no transport layer) and shall comply with ETS 300 079 [10].

The ETS 300 079 [10] TDUs to implement the transparent mode are:

- SBV\_TPD\_Begin;
- SBV\_TPD\_End;
- SBV\_TC\_Error.

For further details see ETS 300 383 [1], clause 9.

Additional Test Cases that shall be tested are included in I-ETS 300 236 [11], see table 4 below. The referenced tables in the Test Case Name column are referencing out to I-ETS 300 236 [11].

**Table 4: Selected Test Cases**

<b>Test Case Name</b>	<b>Purpose</b>
SBV/TF/BV/SE/TPD/1 (table 357)	Check that the IUT is able to send a valid SBV_TPD_Begin request PDU.
SBV/TF/BV/SE/TPD/2 (table 358)	Check that after having sent a SBV_TPD_Begin request PDU, the IUT is able to accept a valid SBV_TPD_Begin response PDU, ending in state (12) TF_TPD_data_transfer_ready.
SBV/TF/BV/SE/TPD/3 (table 359)	Check that after having sent a SBV_TPD_Begin request PDU, the IUT is able to accept a valid SBV_TC_Error PDU with Error_code parameter meaning "TC not supported", ending in state (4) TF_data_transfer_ready (The SBV_TC_Error PDU acts as a negative response).
SBV/TF/BV/SE/TPD/5 (table 361)	Check that, on receipt of a valid SBV_TPD_Begin request PDU, the IUT is able to send a valid positive SBV_TPD_Begin response PDU, ending in state (12) TF_TPD_data_transfer_ready.
SBV/TF/BV/SE/TPD/6 (table 362)	Check that the IUT is able to accept a valid SBV_TPD_End request PDU, ending in state (4) TF_data_transfer_ready.
SBV/TF/BV/SE/TPD/7 (table 363)	Check that the IUT is able to send a valid SBV_TPD_End request PDU, ending in state (4) TF_data_transfer_ready.
SBV/TF/BV/PV/TPD/1 (table 425)	Check that the IUT is able to receive a valid SBV_TPD_Begin response PDU with Result parameter present and having the value "Successful".
SBV/TF/BV/PV/TPD/2 (table 426)	Check that the IUT is able to receive a valid SBV_TPD_Begin response PDU with Result parameter present and having the value "TPD Not supported".
SBV/TF/BV/PV/TPD/3 (table 427)	Check that the IUT is able to receive a valid SBV_TPD_Begin response PDU with DDU_Fall-Back_Mode parameter present.
SBV/TF/BV/PV/TPD/4 (table 428)	Check that the IUT is able to send a valid SBV_TPD_Begin response PDU with Result parameter present and having the value "Successful".
SBV/TF/BV/PV/TPD/5 (table 429)	Check that the IUT is able to send a valid SBV_TPD_Begin response PDU with Result parameter present and having the value "TPD Not supported".
SBV/TF/BV/PV/TPD/6 (table 430)	Check that the IUT is able to send a valid SBV_TPD_Begin response PDU with DDU_Fall-Back_Mode parameter present.
SBV/TF/BV/PC/TPD/1 (table 455)	Check that the IUT is able to receive a valid SBV_TPD_Begin response PDU with Result parameter present and having the value "Successful" and DDU_Fall-Back_Mode parameter present.
SBV/TF/BV/PC/TPD/2 (table 456)	Check that the IUT is able to receive a valid SBV_TPD_Begin response PDU with Result parameter present and having the value "TPD Not supported" and DDU_Fall-Back_Mode parameter present.
SBV/TF/BV/PC/TPD/3 (table 457)	Check that DDU_Fall-Back_Mode parameter is absent from a SBV_TPD_Begin response PDU with Result parameter present and having the value "Successful".
SBV/TF/BI/TE/US/3 (table 463)	Check that on receipt of an SBV_TPD_Begin request PDU, the IUT is able to send a valid SBV_TC_Error PDU, with Error_code set to "TC Not Supported", and the following octet meaning SBV_TPD_Begin.

(continued)

**Table 4 (concluded): Selected Test Cases**

Test Case Name	Purpose
SBV/TF/BI/TE/US/4 (table 464)	Check that on receipt of an SBV_TPD_End request PDU, the IUT is able to send a valid SBV_TC_Error PDU, with Error_code set to "TC Not Supported", and the following octet meaning SBV_TPD_End.
SBV/TF/BI/TE/OIE/2 (table 468)	Check that on receipt of a SBV_TPD_Begin response corresponding to no previous request, the IUT sends a valid SBV_TC_Error PDU with Error_Code set to "TC_Erroneous".
SBV/TF/BI/TI/2 (table 470)	Check that after having sent a SBV_TPD_Begin request PDU and not received any response PDU for a certain time, the IUT releases the communication.
SBV/TF/BI/PC/TC/1 (table 481)	Check that on receipt of a SBV_TPD_Begin response PDU, with Result parameter set to "Successful" and DDU_Fall_Back mode parameter present, the IUT issues a SBV_TC_Error PDU.
SBV/TF/BO/PB/TC/7 (table 488)	Check that on receipt of a SBV_TPD_Begin response PDU with no Result parameter, the IUT sends a SBV_TC_Error PDU, with Error_Code parameter set to "TC_Erroneous".

NOTE: Further studies of the SBV layer test specification are needed. In the SBV layer test specification there are some Test Purposes missing. The EUROFILE profile conformance testing needs additional SBV layer Test Purposes as follows:

- the reception of a SBV\_TC\_Error with an Error code parameter "TC erroneus" in state 12 (TF\_TPD\_data\_transfer\_ready) resulting in the transmission of a SBV\_TPD\_End;
- the caller terminal remains waiting for an SBV\_Establish\_Response, as long as the inactivity timeout has not run out.

#### **7.4 Relevant ISDN lower layer protocol telematic service Test Cases**

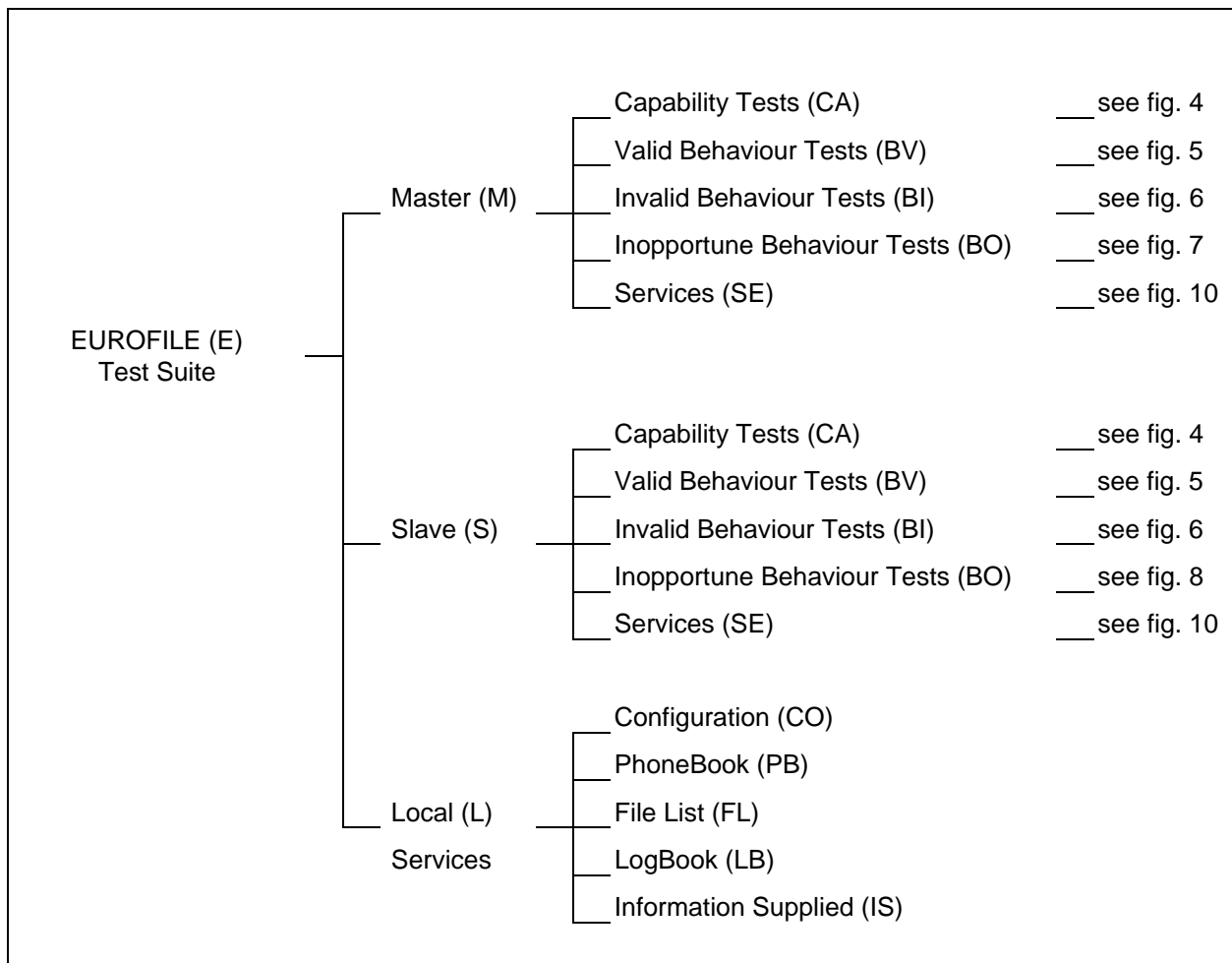
No specific Test Cases are described in this I-ETS. It shall be realized that lower layer protocols for telematic service are correctly implemented. The lower layer requirements described in subclause 6.2 should be checked.

## 8 Profile specific conformance tests

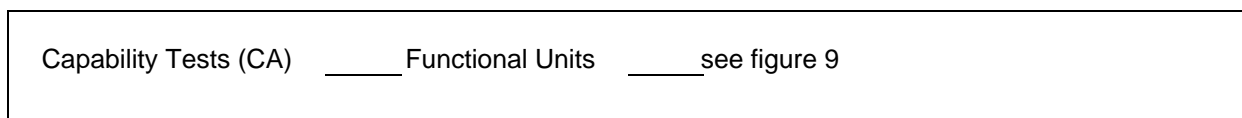
### 8.1 Test Suite Structure (TSS) and Test Groups

#### 8.1.1 Test Suite Structure (TSS)

Following the rules described in ETS 300 406 [12], subclause 7.4.1.1, the test suite for the TP is structured as a tree as shown in the following figures:

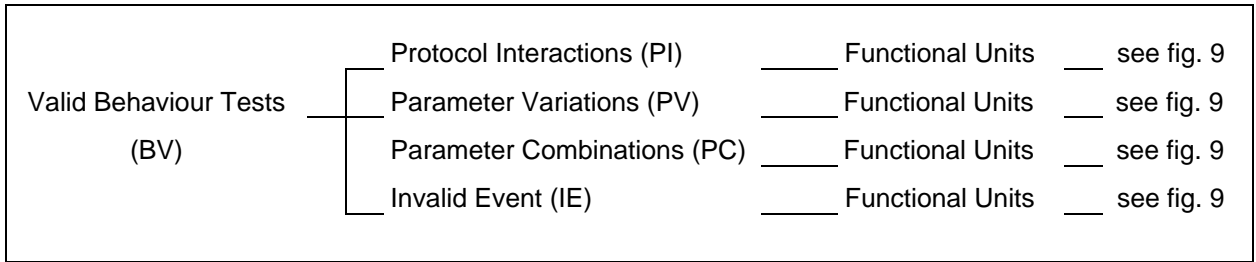


**Figure 3: EUROFILE Test Suite Structure**

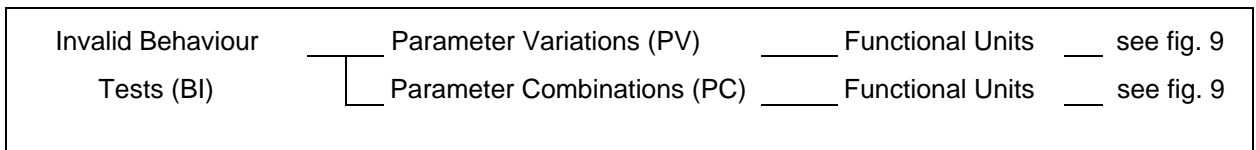


**Figure 4: Capability test group structure**

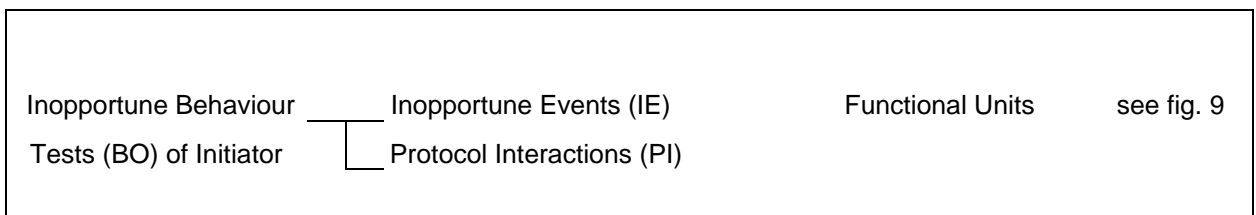




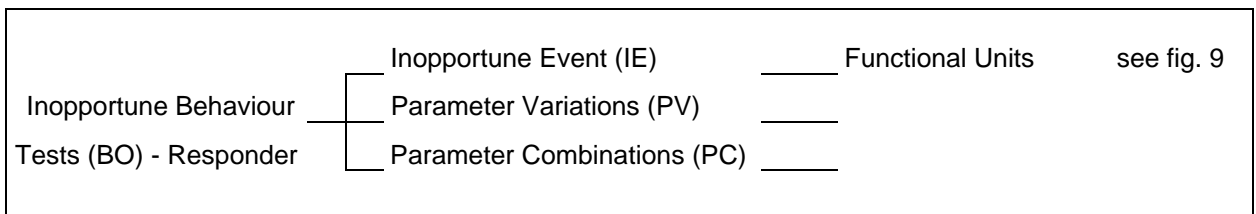
**Figure 5: Valid behaviour test group structure**



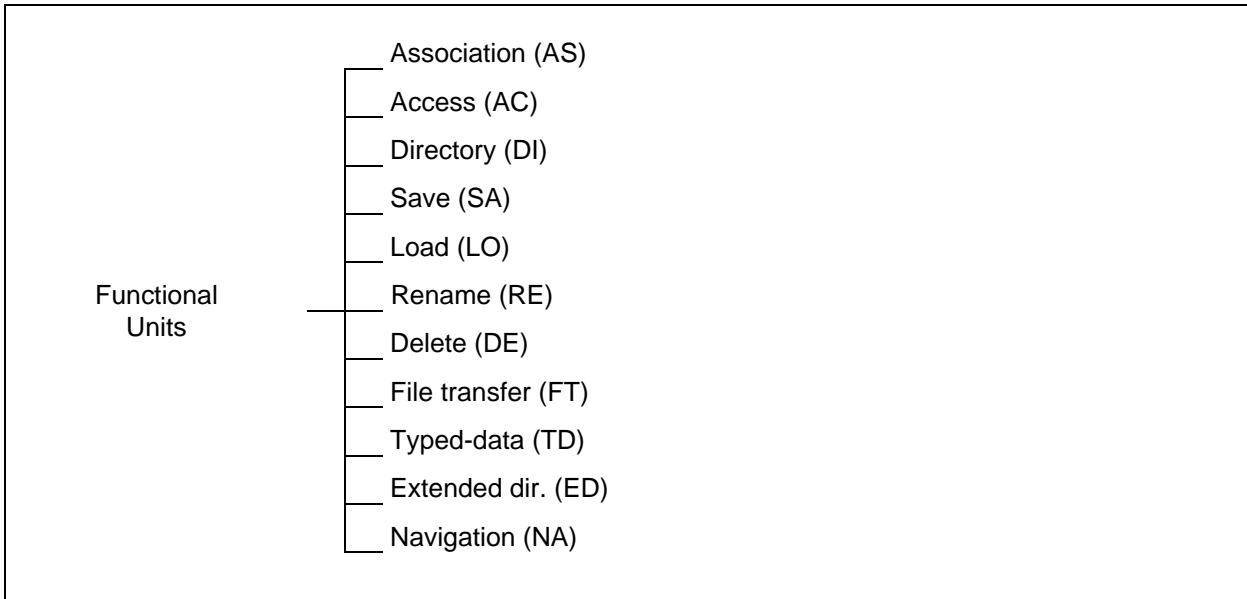
**Figure 6: Invalid behaviour test group structure**



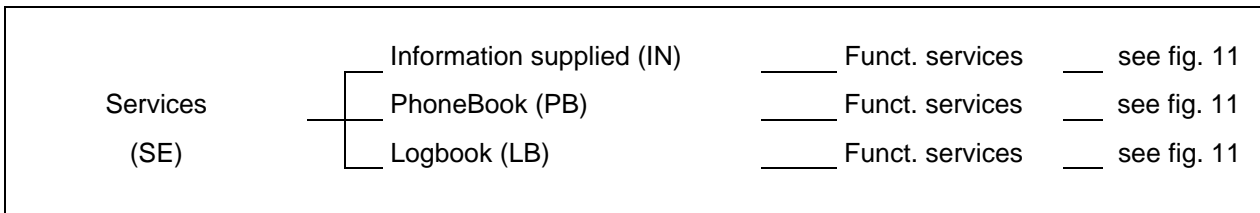
**Figure 7: Inopportune behaviour test group structure (initiator)**



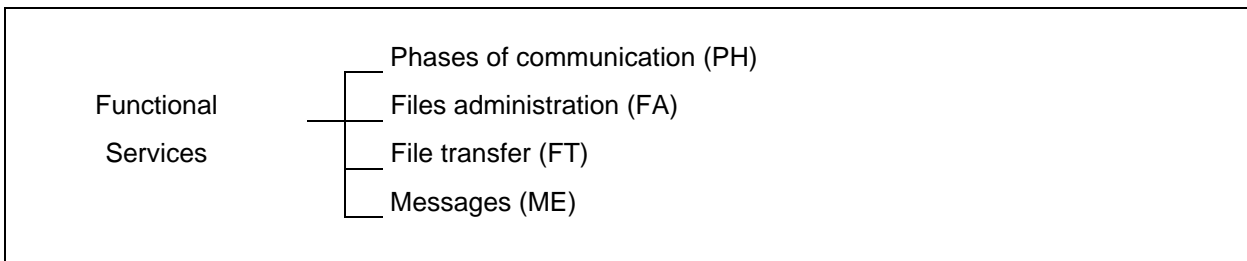
**Figure 8: Inopportune behaviour test group structure (responder)**



**Figure 9: Functional units**



**Figure 10: Services test group structure**



**Figure 11: Functional services test group structure**

## 8.1.2 Test groups

### 8.1.2.1 Main test groups

#### First level

At the top of the TSS, the name representing the EUROFILE profile (ETS 300 383 [1]) is mentioned.

#### Second level: Major roles and services

The TSS consists of the following roles and services, which determine the set of services:

- Master (M):  
the master is the entity which controls the dialogue;
- Slave (S):  
the slave is the entity which performs the operations requested by the master;
- Local services (L):  
those local services correspond mostly to the management services defined by Eurofile (Configuration, Correspondent Phonebook and access control list, Logbook) but also to the information displayed at the interface level (File lists, Information Supplied).

#### Third and fourth level

This level can be separated into two kinds of groups. The following groups are related to the master and slave roles:

- Capability tests (CA):  
The tests of this group are intended to check that the observable external static capabilities of the implementation are valid with respect to the static conformance requirements expressed in the Profile ICS of the IUT;
- Valid Behaviour Tests (BV):  
All tests in the valid behaviour group are intended to verify as thoroughly as possible the various functions of the protocol. This test group is further divided into tests concerning the IUT's behaviour in connection with:
  - a) protocol interactions;
  - b) parameter variations;
  - c) parameter combinations;
  - d) timer variations.
- Invalid Behaviour Tests (BI):  
This test group is intended to check that the IUT is able to react properly on receiving a syntactically invalid PDU. This test group is further divided into tests concerning the IUT's behaviour in connection with:
  - a) protocol interactions;
  - b) parameter variations;
  - c) parameter combinations.
- Inopportune Behaviour Tests (BO):  
This test group is intended to check that the IUT is able to react properly, in case an inopportune event occurs. This test group is further divided into tests concerning the IUT's behaviour in connection with:
  - a) inopportune event;
  - b) protocol interactions;
  - c) parameter variations;
  - d) parameter combinations.

- Services (SE):  
This test group is intended to test the behaviour of the IUT in connection with protocol exchanges linked to the services defined in ETS 300 383 [1]. This test group is further divided into tests concerning the following services of the IUT:
  - a) Information Supplied (IS);
  - b) PhoneBook (PB);
  - c) LogBook (LB).

The following groups are linked to the local services:

- Configuration (CO):  
This test group is intended to check the correct configuration administration;
- PhoneBook (PB):  
This test group is intended to verify the correct administration of the Correspondent Phonebook and access control list;
- File List (FL):  
This test group is intended to test the management aspect of the file lists;
- Logbook (LB):  
This test group is intended to check that the logbook is correctly managed;
- Information supplied (IS):  
This test group is intended to verify the data supplied to the user.

### Fifth level

At this level, the test groups can be subdivided into two categories: functional units test groups and functional services.

Functional units:

- AS Association;
- AC Access;
- DI Directory;
- SA Save;
- LO Load;
- RE Rename;
- DE Delete;
- FT File Transfer;
- TD Typed-Data;
- NA Navigation.

Functional services:

- PH Phases of communication;
- FA Files Administration;
- FT File Transfer;
- ME Messages.

### 8.1.2.2 Test steps

#### - preambles

Most of the Test Purposes will require a preamble to reach the state defined as the starting state of the Test Purpose.

#### - postambles

After each test, the IUT is brought back to the initial state through the use of a postamble.

### 8.1.3 Test Purpose naming conventions

The identifier of the Test Purpose takes the following form where each item of the reference name is composed as shown in the table below:

**Table 5: Test Purpose naming conventions**

Pattern:	TCE<R><C><F><UU><NN>		
or	TCEL<MM><NN> where	(for local services)	
<R> :	role	M	Master
		S	Slave
<C> :	category (main test group)	2	CA, Capability tests
		3	BV, Valid Behaviour Tests
		4	BO, Inopportune Behaviour Tests
			BI, Invalid Behaviour Tests
			SE, Services
		5	
		6	
<F> :	functional aspect	I	PI, Protocol Interaction
		V	PV, Parameter Variations
		C	PC, Parameter Combinations
		E	IE, Inopportune Event
		N	IN, Information supplied
		P	PB, PhoneBook
		L	LB, LogBook
<UU> :	functional units	01	AS, ASsociation
		02	AC, ACcess
		03	DI, File DIrectory
		04	SA, SAve file
		05	LO, LOad file
		06	RE, REname file
		07	DE, DElete file
		08	FT, File TRansfer
		09	TD, Typed-Data
		10	NA, Navigation
		11	PH, Phases of Communication
		12	FA, Files administration
		13	ME, Messages
<MM> :	Management service	CO	Configuration
		PB	PhoneBook
		FL	File Lists
		LB	LogBook
		IS	Information Supplied
<NN> :	sequential number	(00-99)	

**EXAMPLE:**

TCEM3V0107 is the **Test Case** for the **Eurofile** profile, for the **Master**, to test the **valid behaviour** of the IUT, with **parameter variations**, during **association phase**, with the sequential number **seven**.

TCELPB02 is the number of Eurofile **Test Case 2**, concerning the **local service** of the **PhoneBook**.

## 8.2 Mapping of replacement Test Purposes from ETS 300 075

The following Test Purposes correspond to those defined for ETS 300 075 [13] testing, which are applicable to ETS 300 383 [1] testing, by defining an adaptation, as to say a different configuration for example.

**Table 6: Mapping of replacement Test Purposes references**

Test Purpose reference in TSS&TP		Replacement Test Purpose reference	
Test group	Test Case name	Test group	Test Case name
M/CA/AS	TCM2_101	E/M/CA/AS	TCEM2_101
M/CA/AC	TCM2_201	E/M/CA/AC	TCEM2_201
M/CA/DI	TCM2_301	E/M/CA/DI	TCEM2_301
M/CA/TD	TCM2_901	E/M/CA/TD	TCEM2_901
M/BV/PI/FT	TCM3I803	E/M/BV/PI/FT	TCEM3I801
M/BI/PV/AC	TCM5V203	E/M/BI/PV/FT	TCEM5V201
S/CA/AS	TCS2_101	E/S/CA/AS	TCES2_101
S/CA/AC	TCS2_201	E/S/CA/AC	TCES2_201
S/CA/TD	TCS2_901	E/S/CA/TD	TCES2_901
S/CA/DI	TCS2_301	E/S/CA/DI	TCES2_301
S/BV/PI/FT	TCS3I803	E/S/BV/PI/FT	TCES3I801
S/BV/PC/AS	TCS3C101	E/S/BV/PV/AS	TCES3V103
S/BI/PV/RE	TCS5V601	E/S/BI/PV/RE	TCES5V601

## 8.3 Additional and replacement Test Purposes description

### 8.3.1 IUT as a Master

**Test group objective:** This test group is to test the action of an IUT when it is the Master.

**Subgroups:**

- CA Capability Tests;
- BV Valid Behaviour Tests;
- BI Invalid Behaviour Tests;
- BO Inopportune Behaviour Tests;
- TI Timer.

#### 8.3.1.1 E/M/Capability tests (CA)

**Test group objective:** To test functional capability of the IUT. It is structured according to functional units.

**Subgroups:**

- AS Association;
- AC Access;
- DI Directory;
- FT File Transfer;
- TD Typed Data;
- NA Navigation.

##### 8.3.1.1.1 E/M/CA/Association

**Test group objective:** Checking the capability of the IUT to send an Association request with Eurofile configuration.

#### Test Purposes (E/M/CA/AS):

TCEM2\_0101 Ensure that the IUT is able to send a T\_ASSOCIATE Request with application name encoded as "!K". (Ref. ETS 300 383 [1], subclause 7.2.1.3c).

#### 8.3.1.1.2 E/M/CA/Access

**Test group objective:** Checking the capability of the IUT to send an Access request with Eurofile configuration.

##### **Test Purposes (E/M/CA/AC):**

TCEM2\_0201 Ensure that the IUT is able to enter access regime by sending a T\_ACCESS Request with Eurofile standard configuration. Check that the parameters in the T\_Access Request coding correspond to Eurofile configuration. (Ref. ETS 300 383 [1], subclause 7.2.1.4).

#### 8.3.1.1.3 E/M/CA/Directory

**Test group objective:** Checking the capability of the IUT to:

- send a simple file directory request;
- receive a file containing private fields.

##### **Test Purposes (E/M/CA/DI):**

TCEM2\_0301 Ensure that the IUT is able to send a T\_DIRECTORY Request with designation encoded with a letter and a joker. (Ref. ETS 300 383 [1], subclause 8.1.3.3).

TCEM2\_0302 Ensure that the IUT is able to receive a simple directory file containing private fields after having sent a Directory Request. Check that the IUT shall accept the directory file and display the content of the file. (Ref. ETS 300 383 [1], subclause 8.2.2.1).

#### 8.3.1.1.4 E/M/CA/File Transfer

**Test group objective:** Checking the capability of the IUT to send a file with Eurofile configuration.

##### **Test Purposes (E/M/CA/FT):**

TCEM2\_0801 Ensure that the IUT is able to send a file with anticipation window and block size set to the Eurofile recommended values. Check that the parameters are respected in the transfer. (Ref. ETS 300 383 [1], subclause 8.1.1.1).

#### 8.3.1.1.5 E/M/CA/Typed Data

**Test group objective:** Checking the capability of the IUT to send a message with Eurofile configuration.

##### **Test Purposes (E/M/CA/TD):**

TCEM2\_0901 Ensure that the IUT is able to send a T\_TYPED\_DATA Request. Check that the character set used in transmission conforms to Eurofile specification. (Ref. ETS 300 383 [1], subclause 8.1.4.1).

#### 8.3.1.1.6 E/M/CA/Navigation

**Test group objective:** Checking the capability of the IUT to send the different requests of the navigation service.

**Test Purposes (E/M/CA/NA):**

TCEM2_1001	Ensure that the IUT, from outside navigation service, is able to send a request of the filestore list by sending a T_LOAD Request containing designation parameter encoded as "EUROSFT92/NAVIGATION/LIST". (Ref. ETS 300 383 [1], subclause 7.3.5.3).
TCEM2_1002	Ensure that the IUT, from outside navigation service, is able to send a request of the filestore sub-list by sending a T_LOAD Request containing designation parameter encoded as "EUROSFT92/NAVIGATION/S-LIST". (Ref. ETS 300 383 [1], subclause 7.3.5.3).
TCEM2_1003	Ensure that the IUT, from outside navigation service, is able to send a request for selecting a filestore by sending a T_SAVE Request containing designation parameter encoded as "EUROSFT92/NAVIGATION/SELECT". (Ref. ETS 300 383 [1], subclause 7.3.5.3).
TCEM2_1004	Ensure that the IUT, in navigation service, is able to send a request of the filestore list, by sending a T_LOAD Request containing designation parameter encoded as "EUROSFT92/NAVIGATION/LIST". (Ref. ETS 300 383 [1], subclause 7.3.5.3).
TCEM2_1005	Ensure that the IUT, in navigation service, is able to send a request for checking the name of the current filestore, by sending a T_LOAD Request containing designation parameter encoded as "EUROSFT92/NAVIGATION/S-FILESTORE". (Ref. ETS 300 383 [1], subclause 7.3.5.3).
TCEM2_1006	Ensure that the IUT, in navigation service, is able to send a request of the filestore sub-list, by sending a T_LOAD Request containing designation parameter encoded as "EUROSFT92/NAVIGATION/S-LIST". (Ref. ETS 300 383 [1], subclause 7.3.5.3).
TCEM2_1007	Ensure that the IUT is able to exit from navigation service by sending a T_SAVE Request containing designation encoded as "EUROSFT92/NAVIGATION/SELECT". (Ref. ETS 300 383 [1], subclause 7.3.5.3).

**8.3.1.2 E/M/Valid Behaviour Tests (BV)**

**Test group objective:** Checking the following conformance areas for the Master.

**Subgroups:** PI Protocol Interactions;  
PV Parameter Variations.

**8.3.1.2.1 E/M/BV/Protocol Interactions (PI)**

**Test group objective:** Checking the valid behaviour subgrouped by functional units.

**Subgroups:** AC Access;  
FT File Transfer;  
NA Navigation.

**8.3.1.2.1.1 E/M/BV/PI/Access**

**Test group objective:** Check transmitted reasons.



**Test Purposes (E/M/BV/PI/AC):**

TCEM3I0201            Ensure that the IUT in state access regime established is able to interrupt the communication. Check that the reason precised in the T\_END\_ACCESS is "user interrupt of communication". (Ref. ETS 300 383 [1], subclause 8.1.8.1).

**8.3.1.2.1.2            E/M/BV/PI/File Transfer**

**Test group objective:**    Checking that the IUT, on file transfer, is able to:

- send a file correctly with Eurofile configuration;
- receive a file containing an empty header;
- receive a file containing only one parameter in its header;
- receive a compressed file in basic compression mode;
- receive a compressed file in high efficiency compression mode;
- receive a compressed file in application defined compression mode;
- send a file containing the checksum parameter.

**Test Purposes (E/M/BV/PI/FT):**

TCEM3I0801            Ensure that the IUT is able to send a file with anticipation window and block size set to the Eurofile recommended values. Check that the header of the file received is correctly encoded. (Ref. ETS 300 383 [1], subclause 8.2.1).

TCEM3I0802            Ensure that the IUT is able to accept a file on receiving a file where the header is empty. Check that the IUT receives the file completely and correctly. (Ref. ETS 300 383 [1], subclause 8.2.1).

TCEM3I0803            Ensure that the IUT is able to accept a file on receiving a file where the header contains only the parameter file name. Check that the IUT receives the file completely and correctly. (Ref. ETS 300 383 [1], subclause 8.2.1).

TCEM3I0804            Ensure that the IUT is able to accept a file on receiving a file containing the compression parameter indicating that the basic compression mode is used in its header. Check that the IUT receives the file completely and correctly and performs the uncompression on reception. (Ref. ETS 300 383 [1], subclause 8.2.1 and ETS 300 075 [13], subclause 7.3.2.15).

TCEM3I0805            Ensure that the IUT is able to accept a file on receiving a file containing the compression parameter indicating that the high efficiency compression mode is used in its header. Check that the IUT receives the file completely and correctly and performs the uncompression on reception. (Ref. ETS 300 383 [1], subclause 8.2.1 and ETS 300 075 [13], subclause 7.3.2.15).

TCEM3I0806            Ensure that the IUT is able to accept a file on receiving a file containing the compression parameter indicating that the application defined compression mode is used in its header. Check that the IUT receives the file completely and correctly and performs the uncompression on reception. (Ref. ETS 300 383 [1], subclause 8.2.1 and ETS 300 075 [13], subclause 7.3.2.15).

TCEM3I0807            Ensure that the IUT is able to send a file containing the checksum parameter coded for the file transmitted. Check that the file received contains a correct value of the checksum. (Ref. ETS 300 075 [13], subclause 7.3.2.17).

### 8.3.1.2.1.3 E/M/BV/PI/Navigation

**Test group objective:** Checking that the IUT, navigation service, is able to:

- send a directory request of the files of the current filestore;
- send a file starting by a T\_SAVE Request;
- send a file request starting by a T\_LOAD Request;
- select a filestore which has no direct link with the current filestore;
- react correctly to filestore selection refusal from outside navigation service;
- react correctly to filestore selection refusal in navigation service;

#### Test Purposes (E/M/BV/PI/NA):

- TCEM3I1001 Ensure that the IUT, in navigation service, is able to send a directory request of the files of the current filestore (Ref. ETS 300 383 [1], subclause 7.3.1).
- TCEM3I1002 Ensure that the IUT, in navigation service, is able to send a file starting by a T\_SAVE Request. (Ref. ETS 300 383 [1], subclause 7.3.1).
- TCEM3I1003 Ensure that the IUT, in navigation service, is able to perform a file load operation starting by a T\_LOAD Request. Check that the file is received correctly. (Ref. ETS 300 383 [1], subclause 7.3.1).
- TCEM3I1004 Ensure that the IUT, in navigation service, is able to select a filestore which has no direct link with the current filestore. Check that the new current filestore is the one requested. (Ref. ETS 300 383 [1], subclause 7.3.5.3c).
- TCEM3I1005 Ensure that the IUT reacts correctly when from outside navigation service, after having sent a request for selecting a filestore, it receives a T\_Response\_Negative. Check that the navigation service is not accessible to the user. (Ref. ETS 300 383 [1], subclause 7.3.5.3c).
- TCEM3I1006 Ensure that the IUT reacts correctly when in navigation service, after having sent a request for selecting a new filestore, it receives a T\_Response\_Negative. Check that the IUT shall remain in the current filestore. (Ref. ETS 300 383 [1], subclause 7.3.5.3c, d, ETS 300 075 [13], subclause 6.2.3).

### 8.3.1.2.2 E/M/BV/Parameter Variations (PV)

**Test group objective:** Checking the valid behaviour concerning parameter variations. Where no tests have been identified for a functional unit its name has been omitted.

**Subgroups:**

- AS Association;
- AC Access;
- DI Directory;
- FT File Transfer.

#### 8.3.1.2.2.1 E/M/BV/PV/Association

**Test group objective:** Checking the valid behaviour of the IUT in Association regime, to react on a incorrect EUROFILE application name.



**8.3.1.2.3.1 E/M/BV/IE/Directory**

**Test group objective:** Checking that the IUT is able to refuse a file on receiving:

- an extended directory file where one of the file headers is empty;
- a TLV erroneous directory file;
- a directory file where one of the file headers contains an erroneous file designation.

**Test Purposes (E/M/BV/IE/DI):**

- TCEM3E0301      Ensure that the IUT shall refuse the file on receiving an extended directory file where one of the file headers forming the content of the extended directory is empty. Check that the IUT sends a T\_P\_EXCEPTION with cause encoded as "syntax error" or a T\_Response\_Negative, on reception of the last T\_WRITE, with cause encoded as "erroneous file". (Ref. ETS 300 383 [1], subclause 8.2.2.2).
- TCEM3E0302      Ensure that the IUT shall refuse the file on receiving a TLV erroneous directory file. Check that the IUT sends a T\_P\_EXCEPTION with cause encoded as "syntax error" or terminates association regime. (Ref. ETS 300 383 [1], subclause 8.2.2.1).
- TCEM3E0303      Ensure that the IUT shall refuse the file on receiving a directory file where one of the file headers contains an erroneous file designation. Check that the IUT sends a T\_P\_EXCEPTION with cause encoded as "syntax error". (Ref. ETS 300 383 [1], subclause 8.2.2.1).

**8.3.1.2.3.2 E/M/BV/IE/File Transfer**

**Test group objective:** Checking that the IUT, file transfer service, is able to:

- abort a file transfer while performing it as a sender;
- interrupt a communication while performing a file transfer as a sender;
- abort a file transfer while the tester is performing it as a sender;
- interrupt a communication while the tester is performing the file transfer as a sender.

**Test Purposes (E/M/BV/IE/FT):**

- TCEM3E0801      Ensure that the IUT is able to abort a file transfer while performing it as a sender. Check that the IUT sends a T\_Transfer\_Reject with reason code "user abort" and returns to access regime established. (Ref. ETS 300 383 [1], subclause 8.1.6.1).
- TCEM3E0802      Ensure that the IUT is able to interrupt a communication while performing a file transfer as a sender. Check that the IUT terminates all the regimes (transfer, access, association) before the release of the communication. (Ref. ETS 300 383 [1], subclause 7.2.1.5).
- TCEM3E0803      Ensure that the IUT is able to abort a file transfer while the tester is performing it as a sender. Check that the IUT sends a T\_Transfer\_Reject with reason encoded as "user abort" and returns to access regime established. (Ref. ETS 300 383 [1], subclause 8.1.6.1).
- TCEM3E0804      Ensure that the IUT is able to interrupt a communication while the tester is performing the file transfer as a sender. Check that the IUT terminates all the regimes (transfer, access, association) before the release of the communication. Check that the IUT sends a T\_Transfer\_Reject with reason encoded as "user abort" (Ref. ETS 300 383 [1], subclause 7.2.1.5).

### 8.3.1.3 E/M/Invalid Behaviour Tests (BI)

**Test group objective:** Checking the IUT's reaction to semantically invalid events.

**Subgroups:** PV Parameter Variations;  
PC Parameter Combinations.

#### 8.3.1.3.1 E/M/BI/Parameter Variations (PV)

**Test group objective:** Checking the IUT's behaviour to semantically invalid events concerning parameter variations.

**Subgroups:** AC Access;  
FT File Transfer;  
TD Typed Data;  
NA Navigation.

##### 8.3.1.3.1.1 E/M/BI/PV/Access

**Test group objective:** Checking the IUT's reaction to the following events, on establishing access regime:

- no function handled;
- functions available only on group B.

##### **Test Purposes (E/M/BI/PV/AC):**

- TCEM5V0201 Ensure that the IUT does not establish access regime on receiving a T\_Response Positive with no functions accepted. Check that the IUT sends a T\_END\_ACCESS with cause parameter encoded as "insufficient primitives handled". (Ref. ETS 300 383 [1], subclause 8.1.2.2).
- TCEM5V0202 Ensure that the IUT does not establish access regime on receiving a T\_Response Positive with functions authorized only on group B. Check that the IUT sends a T\_END\_ACCESS with cause parameter encoded as "insufficient primitives handled". (Ref. ETS 300 383 [1], subclause 8.1.2.2).
- TCEM5V0203 Ensure that the IUT, in state access regime established, on receiving from the tester a T\_END\_ACCESS Request with reason parameter encoded with an erroneous parameter length, sends a T\_P\_EXCEPTION and returns to state access regime established, master role, or terminates association regime. (Ref. ETS 300 383 [1], subclause 8.1.8.1).

##### 8.3.1.3.1.2 E/M/BI/PV/Typed Data

**Test group objective:** Checking the IUT's reaction on a message reception containing invalid characters.

##### **Test Purposes (E/M/BI/PV/TD):**

- TCEM5V0901 Ensure that the IUT, in state access regime established, on receiving a T\_TYPED\_DATA Request containing user data encoded with characters outside authorised set of characters ITU-T Recommendation T.51 [14] or terminates association regime. (Ref. ETS 300 383 [1], subclause 8.1.4.1).

### 8.3.1.3.2 E/M/BI/Parameter Combinations (PC)

**Test group objective:** Checking the IUT's behaviour to semantically invalid events concerning parameter combinations. Where no tests have been identified for a functional unit its name has been omitted.

**Subgroups:** AC Access.

#### 8.3.1.3.2.1 E/M/BI/PC/Access

**Test group objective:** Check the IUT's reaction on access regime establishment error.

#### Test Purposes (E/M/BI/PC/AC):

TCEM5C0201 Ensure that the IUT shall terminate association regime on receiving a T\_Response Positive with an incoherence between user data and primitives handled (Ref. ETS 300 383 [1], subclause 8.1.2.2).

### 8.3.1.4 E/M/Inopportune Behaviour Tests (BO)

**Test group objective:** Checking the IUT's reaction to inopportune events.

**Subgroups:** IE Inopportune Event.

#### 8.3.1.4.1 E/M/BO/Inopportune Event (IE)

**Test group objective:** Checking the reaction of the IUT subgrouped by functional units.

**Subgroups:** AC Access;  
DI Directory;  
FT File Transfer.

##### 8.3.1.4.1.1 E/M/BO/IE/Access

**Test group objective:** Checking the IUT's reaction to an incorrect role.

#### Test Purposes (E/M/BO/IE/AC):

TCEM4E0201 Ensure that the IUT in state association regime established, on receiving a T\_ACCESS Request with master role sends a T\_Response\_Negative. Check that the cause in the T\_Response\_Negative is "role refused" (Ref. ETS 300 383 [1], subclause 8.1.2.1).

##### 8.3.1.4.1.2 E/M/BO/IE/Directory

**Test group objective:** Checking the IUT's reaction to a directory file transfer abort.

#### Test Purposes (E/M/BO/IE/DI):

TCEM4E0301 Ensure that the IUT, on receiving a file transfer abort while current directory file transfer, returns to state access regime established without displaying the file list requested (Ref. ETS 300 383 [1], subclause 7.2.1.7).

**8.3.1.4.1.3 E/M/BO/IE/File Transfer**

**Test group objective:** Checking the IUT's behaviour on receiving a Read restart request.

**Test Purposes (E/M/BO/IE/FT):**

TCEM4E0801 Ensure that the IUT -IUT as a sender- on receiving a T\_Read\_Restart from the tester shall terminate the transfer. Check that the IUT sends a T\_P\_EXCEPTION containing reason parameter encoded as "primitive not handled". (Ref. ETS 300 383 [1], subclause 8.1.2.1).

**8.3.1.5 E/M/Services**

**Test group objective:** Checking the IUT's behaviour concerning the protocol exchanges linked to the Eurofile services.

**Subgroups:** IN Information supplied;  
PB PhoneBook;  
LB Logbook.

**8.3.1.5.1 E/M/SE/Information supplied**

**Test group objective:** Checking the IUT's behaviour concerning the protocol exchanges linked to the display of information to the users.

**Subgroups:** FT File Transfer;  
PH Phases of communication;  
FA Files administration;  
ME Messages.

**8.3.1.5.1.1 E/M/SE/IN/File Transfer**

**Test group objective:** Checking the IUT's behaviour concerning the information display on file transfers.

**Test Purposes (E/M/SE/IN/FT):**

TCEM6N0801 Ensure that, at the interface level, the current file save operation is displayed, containing the following information: transfer direction from the IUT to the tester and the file concerned. (Ref. ETS 300 383 [1], subclause 7.2.2.1b).

TCEM6N0802 Ensure that at the IUT interface level the name of files to be sent can be selected from a list displayed. (Ref. ETS 300 383 [1], subclause 7.2.1.7).

TCEM6N0803 Ensure that at the IUT interface level the name of the file to be sent can be entered by the user. (Ref. ETS 300 383 [1], subclause 7.2.1.7).

TCEM6N0804 Ensure that at the IUT interface level an unknown name of file can not be entered.

TCEM6N0805 Ensure that multiple request on files from the IUT for save requests are managed automatically. (Ref. ETS 300 383 [1], subclause 7.2.1.7).

TCEM6N0806 Ensure that, on a multiple file save request, the transfer interrupt from the tester of one of the files will have no consequence on the following file transfer operations. (Ref. ETS 300 383 [1], subclause 7.2.1.7). TP superseded by CTP002.

TCEM6N0807 Ensure that at the IUT interface the names of the files to be loaded can be selected from the list of the remote files, received further to a file list request, and displayed. (Ref. ETS 300 383 [1], subclause 7.2.1.7 3).

- TCEM6N0808            Ensure that multiple request on files from the IUT for files loading are managed automatically. (Ref. ETS 300 383 [1], subclause 7.2.1.7).
- TCEM6N0809            Ensure that at the IUT interface the name of the file to be loaded can be entered by the user. (Ref. ETS 300 383 [1], subclause 7.2.1.7 3).
- TCEM6N0810            Ensure that, at the interface level, the current file load operation is displayed, containing the following information: transfer direction from the tester to the IUT and the file concerned. (Ref. ETS 300 383 [1], subclause 7.2.2.1b).
- TCEM6N0811            Ensure that, when the IUT is the initiator and an operation is underway, the user is able to interrupt the call. (Ref. ETS 300 383 [1], subclause 7.2.1.7b).
- TCEM6N0812            Ensure that, when a file transfer is being processed and the user interrupts the call, a confirmation is displayed and requested at the IUT interface. (Ref. ETS 300 383 [1], subclause 7.2.1.7b).

**8.3.1.5.1.2            E/M/SE/IN/Phases of communication**

**Test group objective:** Checking the IUT's behaviour concerning the information display during the phases of communication.

**Test Purposes (E/M/SE/IN/PH):**

- TCEM6N1101            Ensure that a message indicating a communication abort is displayed when the communication initiated by the IUT is interrupted from the remote equipment. (Ref. ETS 300 383 [1], subclause 7.2.1.7b). TP superseded by CTP001.
- TCEM6N1102            Ensure that the IUT, after having called a correspondent, displays the current status of exchanges, i.e. established call. (Ref. ETS 300 383 [1], subclause 7.2.2.1b).
- TCEM6N1103            Ensure that, when a communication initiated by the IUT is established, and no operation in progress, the IUT displays a user indication when the inactivity time-out timer runs out. Check that this event is included in the logbook.(Ref. ETS 300 383 [1], subclause 7.2.2.1d).
- TCEM6N1104            Ensure that, on confirmation by the user of a call interrupt the current service is interrupted and the established call terminated. (Ref. ETS 300 383 [1], subclause 7.2.1.7b). TP superseded by CTP004.
- TCEM6N1105            Ensure that, on confirmation by the user of a call interrupt, a "user abort" indication is displayed. (Ref. ETS 300 383 [1], subclause 7.2.1.7b). TP superseded by CTP004.
- TCEM6N1106            Ensure that the modification of the address in the static configuration is available at the IUT interface. After a modification, check that this one was taken into account. (Ref. ETS 300 383 [1], subclause 7.4.3.2).

**8.3.1.5.1.3            E/M/SE/IN/File administration**

**Test group objective:** Checking the IUT's behaviour concerning the information display on file administration service.

**Test Purposes (E/M/SE/IN/FA):**

- TCEM6N1201            Ensure that, when a communication initiated by the IUT is established and the tester does not grant authorizations for delete and rename services, the services previously quoted are not available for remote operations at the user interface. (Ref. ETS 300 383 [1], subclause 7.2.1.4). TP superseded by CTP003.



TCEM6N1202	Ensure that, when a communication initiated by the IUT is established and the tester does not grant authorizations for file list and load services, the services previously quoted are not available for remote operations at the user interface. (Ref. ETS 300 383 [1], subclause 7.2.1.4).
TCEM6N1203	Ensure that, on request of the remote file list, the list displayed at the user interface contains at least the transfer name and the file size. (Ref. ETS 300 383 [1], subclause 7.2.1.7 2).
TCEM6N1204	Ensure that at the IUT interface the names of the files to be deleted can be selected from the list of the remote files, received further to a file list request, and displayed. (Ref. ETS 300 383 [1], subclause 7.2.1.7 4).
TCEM6N1205	Ensure that multiple request on files from the IUT for remote file deleting are managed automatically. (Ref. ETS 300 383 [1], subclause 7.2.1.7).
TCEM6N1206	Ensure that at the IUT interface the name of the remote file to be deleted can be entered by the user. (Ref. ETS 300 383 [1], subclause 7.2.1.7 4).
TCEM6N1207	Ensure that at the IUT interface the names of the files to be renamed can be selected from the list of the remote files, received further to a file list request, and displayed. (Ref. ETS 300 383 [1], subclause 7.2.1.7 5).
TCEM6N1208	Ensure that multiple request on files from the IUT for files renaming are managed automatically. (Ref. ETS 300 383 [1], subclause 7.2.1.7).
TCEM6N1209	Ensure that at the IUT interface the name of the remote file to be renamed can be entered by the user. (Ref. ETS 300 383 [1], subclause 7.2.1.7 5).
TCEM6N1210	Ensure that at the IUT interface the new names of the files for renaming can be entered by the user. (Ref. ETS 300 383 [1], subclause 7.2.1.7 5).
TCEM6N1211	Ensure that after an extended directory request from the IUT, the file list displayed contains the following information on the files: transfer name, file name, file size, date of the last file update. (Ref. ETS 300 383 [1], subclause 7.3.4).

#### 8.3.1.5.1.4 E/M/SE/IN/Message

**Test group objective:** Checking the IUT's behaviour concerning the information display for the message service.

##### **Test Purposes (E/M/SE/IN/ME):**

TCEM6N1301 Ensure that, when a communication initiated by the IUT is established and the message service is implemented, it is possible to activate at the interface level the sending message service, and to enter a message. (Ref. ETS 300 383 [1], subclause 7.2.1.7c).

TCEM6N1302 Ensure that, when a communication initiated by the IUT is established, and on receiving a message from the remote entity, the message is displayed automatically without user intervention. (Ref. ETS 300 383 [1], subclause 7.2.2.1).

#### 8.3.1.5.2 E/M/SE/Phonebook

**Test group objective:** Checking the IUT's behaviour concerning the protocol exchanges linked to the phonebook administration.

**Subgroups:** PH Phases of communication.

##### 8.3.1.5.2.1 E/M/SE/PB/Phases of communication

**Test group objective:** Checking the IUT's behaviour concerning the phonebook administration linked to the phases of communication.

##### **Test Purposes (E/M/SE/PB/PH):**

TCEM6P1101 Ensure that the user can call a correspondent, after having selected the name of the correspondent in the Correspondent PhoneBook. (Ref. ETS 300 383 [1], subclause 7.2.1.1).

#### 8.3.1.5.3 E/M/SE/Logbook

**Test group objective:** Checking the IUT's behaviour concerning the protocol exchanges linked to the logbook.

**Subgroups:** FT File Transfer;  
PH Phases of communication;  
FA Files administration;  
ME Messages.

##### 8.3.1.5.3.1 E/M/SE/LB/File Transfer

**Test group objective:** Checking the IUT's behaviour concerning the logbook information stored on file transfers.

##### **Test Purposes (E/M/SE/LB/FT):**

TCEM6L0801 Ensure that all the file transfer operations are mentioned in the logbook. (Ref. ETS 300 383 [1], subclause 7.4.1.2). TP superseded by CTP002.

**8.3.1.5.3.2 E/M/SE/LB/Phases of communication**

**Test group objective:** Checking the IUT's behaviour concerning the logbook information stored during the phases of communication.

**Test Purposes (E/M/SE/LB/PH):**

- TCEM6L1101 Check that the trace of the communication abort from the remote equipment is stored in the logbook. (Ref. ETS 300 383 [1], subclause 7.2.1.7b). TP superseded by CTP001.
- TCEM6L1102 Ensure that, when a communication initiated by the IUT is established, and after having terminated the communication by a end-of-call command, the end-of-call event is included in the logbook as well as the IUT as an initiator of the end-of-call. (Ref. ETS 300 383 [1], subclause 7.4.1.2).
- TCEM6L1103 Ensure that, on confirmation by the user of a call interrupt, the cleardown of the call and the initiator are indicated in the logbook. (Ref. ETS 300 383 [1], subclause 7.4.1). TP superseded by CTP004.

**8.3.1.5.3.3 E/M/SE/LB/File administration**

**Test group objective:** Checking the IUT's behaviour concerning the logbook information stored on file administration service.

**Test Purposes (E/M/SE/LB/FA):**

- TCEM6L1201 Ensure that, after having received the file list from the remote entity, the exchanges are displayed in the logbook. (Ref. ETS 300 383 [1], subclause 7.4.1.2). TP superseded by CTP003.

**8.3.1.5.3.4 E/M/SE/LB/Message**

**Test group objective:** Checking the IUT's behaviour concerning the logbook information stored for the message service.

**Test Purposes (E/M/SE/LB/ME):**

- TCEM6L1301 Ensure that, when a communication initiated by the IUT is established and the IUT has sent a message, this event is included in the logbook. (Ref. ETS 300 383 [1], subclause 7.4.1.2).
- TCEM6L1302 Ensure that, when a communication initiated by the IUT is established, and after having received a message from the remote entity, the content of the incoming message is included in the logbook. (Ref. ETS 300 383 [1], subclause 7.4.1.2).

### 8.3.2 IUT as a Slave

**Test group objective:** This test group is to test the action of an IUT when the Slave.

**Subgroups:**

- CA Capability tests;
- BV Valid Behaviour Tests;
- BI Invalid Behaviour Tests;
- BO Inopportune Behaviour Tests;
- TI Timer.

#### 8.3.2.1 E/S/Capability tests

**Test group objective:** To test functional capability of the IUT. It is structured according to functional units.

**Subgroups:**

- AS Association;
- DI Directory;
- FT File Transfer;
- TD Typed Data.

##### 8.3.2.1.1 E/S/CA/Association

**Test group objective:** Checking that the IUT is able to enter association regime with:

- a correct incoming calling address.

**Test Purposes (E/S/CA/AS):**

TCES2\_0101      Ensure that the IUT shall enter association regime in symmetrical service, on receiving a T\_ASSOCIATE Request containing a correct incoming calling address. (Ref. ETS 300 383 [1], subclause 8.1.1.1).

##### 8.3.2.1.2 E/S/CA/Access

**Test group objective:** Checking that the IUT is able to enter access regime with Eurofile appropriate parameters.

**Test Purposes (E/S/CA/AC):**

TCES2\_0201      Ensure that the IUT in state association regime established, on receiving from the tester a T\_ACCESS Request with appropriate parameters, sends a T\_ACCESS Response Positive and enters access regime. Check that the IUT responds with Eurofile appropriate parameters. (Ref. ETS 300 383 [1], subclause 8.1.2.2).

##### 8.3.2.1.3 E/S/CA/Directory

**Test group objective:** Checking the IUT's reaction to extended directory request.

**Test Purposes (E/S/CA/DI):**

TCES2\_0301      Ensure that the IUT responds correctly on receiving a T\_DIRECTORY Request with appropriate parameters. Check that the directory file sent contains private fields encoded correctly. (Ref. ETS 300 075 [13], subclause 7.3.4).

TCES2\_0302      Ensure that the IUT responds correctly on receiving a T\_DIRECTORY Request containing user data parameter encoded with "extended directory request". Check that the IUT shall be able to send a T\_Response\_Positive if this extended format is provided. (Ref. ETS 300 383 [1], subclause 7.3.4).

**8.3.2.1.4 E/S/CA/File Transfer**

**Test group objective:** Checking that the IUT is able to perform a file transfer with recommended parameters.

**Test Purposes (E/S/CA/FT):**

TCES2\_0801 Ensure that the IUT is able to send a file with anticipation window and block size set to the Eurofile recommended values. Check that the parameters are respected in the transfer. (Ref. ETS 300 383 [1], subclause 8.1.5).

**8.3.2.1.5 E/S/CA/Typed Data**

**Test group objective:** Checking that the IUT is able to send a message.

**Test Purposes (E/S/CA/TD):**

TCES2\_0901 Ensure that the IUT is able to send a T\_TYPED\_DATA Request. Check that the character set used in transmission conforms to Eurofile specifications. (Ref. ETS 300 383 [1], subclause 8.1.4.1).

**8.3.2.1.6 E/S/CA/Navigation**

**Test group objective:** Checking the capability of the IUT to perform the following operations of the navigation mode:

- list of filestores from outside navigation service;
- sub-list of filestores from outside navigation service;
- select a filestore;
- send a list of filestores;
- sub-list of filestores;
- filestore name checking;
- exit from navigation service.

**Test Purposes (E/S/CA/NA):**

TCES2\_1001 Ensure that the IUT is able to send the list of filestores on receiving a request from the tester from outside navigation service. Check the content of the corresponding file sent by the IUT (Ref. ETS 300 383 [1], subclause 7.3.5.3a).

TCES2\_1002 Ensure that the IUT is able to send the sub-list of filestores on receiving a request from the tester from outside navigation service. Check the content of the corresponding file sent by the IUT (Ref. ETS 300 383 [1], subclause 7.3.5.3b).

TCES2\_1003 Ensure that the IUT, from outside navigation service, is able to select a filestore on receiving such a valid request from the tester. Check that the filestore selected is the one requested (Ref. ETS 300 383 [1], subclause 7.3.5.3c).

TCES2\_1004 Ensure that the IUT, in navigation service, is able to send the list of filestores on receiving a request of filestore list. Check that the content of the corresponding file sent by the IUT conforms to Eurofile specifications (Ref. ETS 300 383 [1], subclause 7.3.5.3).

TCES2\_1005 Ensure that the IUT, in navigation service, is able to send the sub-list of filestores on receiving a request of filestore sub-list. Check that the content of the corresponding file sent by the IUT conforms to Eurofile specifications (Ref. ETS 300 383 [1], subclause 7.3.5.3b).

TCES2\_1006 Ensure that the IUT, in navigation service, is able to send the name of the current filestore, on receiving a request for checking the name of the current filestore. Check that the name sent is the name of the filestore selected (Ref. ETS 300 383 [1], subclause 7.3.5.3d).

TCES2\_1007            Ensure that the IUT, in navigation service, is able to exit from the navigation service and return to the Single Filestore service. Check that the IUT sends a T\_Response\_Positive (Ref. ETS 300 383 [1], subclause 7.3.5.3e).

### 8.3.2.2            E/S/Valid Behaviour Tests (BV)

**Test group objective:**    Checking the following conformance areas for the Slave.

**Subgroups:**            PI    Protocol Interactions;  
                         PV    Parameter Variations;  
                         PC    Parameter Combinations;  
                         IE    Inopportune Event.

#### 8.3.2.2.1            E/S/BV/Protocol Interactions (PI)

**Test group objective:**    Checking the valid behaviour subgrouped by functional units. Where no tests have been identified for a functional unit its name has been omitted.

**Subgroups:**            AC    Access;  
                         FT    File Transfer;  
                         NA    Navigation.

##### 8.3.2.2.1.1            E/S/BV/PI/Access

**Test group objective:**    Checking the access parameters and the transmitted causes.

**Test Purposes (E/S/BV/PI/AC):**

TCES3I0201            Ensure that the IUT shall enter access regime on receiving a T\_ACCESS Request. Check that the functions authorized in T\_Response Positive correspond to the entitlements granted to the corresponding identifier in the access control list (Ref. ETS 300 383 [1], subclause 7.2.1.7).

TCES3I0202            Ensure that the IUT in access regime is able to terminate the communication. Check that the cause generated in the T\_END\_ACCESS is "user interrupt of communication" (Ref. ETS 300 383 [1], subclause 7.2.1.5).

##### 8.3.2.2.1.2            E/S/BV/PI/File Transfer

**Test group objective:**    Checking that the IUT, on file transfer, is able to:

- send a file with the parameters set to Eurofile recommended values;
- re-send a file received;
- receive a file containing only one parameter in its header;
- receive a file containing an empty header;
- receive a compressed file in basic compression mode;
- receive a compressed file in high efficiency compression mode;
- receive a compressed file in application defined compression mode;
- receive a file containing the file checksum parameter.

**Test Purposes (E/S/BV/PI/FT):**

TCES3I0801            Ensure that the IUT is able to send a file with anticipation window and block size set to the Eurofile recommended values. Check that the header of the file received is correctly encoded. (Ref. ETS 300 383 [1], subclause 8.2.1).

TCES3I0802            Ensure that the IUT is able to re-send a file which was transmitted to the IUT by the tester. Check that the file is correctly transmitted to the tester (Ref. ETS 300 075 [13], subclause 6.2.12.2).

TCES3I0803	Ensure that the IUT is able to accept a file on receiving a file where the header contains only the parameter file name. Check that the IUT receives the file completely and correctly. (Ref. ETS 300 383 [1], subclause 8.2.1).
TCES3I0804	Ensure that the IUT is able to accept a file on receiving a file where the header is empty. Check that the IUT receives the file completely and correctly. (Ref. ETS 300 383 [1], subclause 8.2.1).
TCES3I0805	Ensure that the IUT is able to accept a file on receiving a file containing the compression parameter indicating that the basic compression mode is used in its header. Check that the IUT receives the file completely and correctly and performs the uncompression on reception. (Ref. ETS 300 383 [1], subclause 8.2.1).
TCES3I0806	Ensure that the IUT is able to accept a file on receiving a file containing the compression parameter indicating that the high efficiency compression mode is used in its header. Check that the IUT receives the file completely and correctly and performs the uncompression on reception. (Ref. ETS 300 383 [1], subclause 8.2.1).
TCES3I0807	Ensure that the IUT is able to accept a file on receiving a file containing the compression parameter indicating that the application defined compression mode is used in its header. Check that the IUT receives the file completely and correctly and performs the uncompression on reception. (Ref. ETS 300 383 [1], subclause 8.2.1).
TCES3I0808	Ensure that the IUT is able to accept a file on receiving a file containing the checksum parameter coded for the file transmitted. Check that the IUT receives the file completely and correctly and performs the calculation of the checksum on reception. (Ref. ETS 300 075 [13], subclause 7.3.2.17).

#### 8.3.2.2.1.3 E/S/BV/PI/Navigation

**Test group objective:** Checking that the IUT is able to:

- respond correctly, on receiving a directory request;
- receive a file in the current filestore;
- send the content of the navigation area form outside navigation service.

#### Test Purposes (E/S/BV/PI/NA):

TCES3I1001	Ensure that the IUT, in navigation service, is able to respond correctly, on receiving a directory request. Check that the file sent contains all the file names of the current filestore (Ref. ETS 300 383 [1], subclause 7.3.5.3a).
TCES3I1002	Ensure that the IUT, in navigation service, is able to receive a file in the current filestore. Check, through a directory request, that the file was correctly received (Ref. ETS 300 383 [1], subclause 7.3.5.3d).
TCES3I1003	Ensure that the IUT, from outside navigation service, is able to send the content of the navigation area on receiving a T_DIRECTORY Request. Check that the file sent contains all the files of the different filestores of the navigation area (Ref. ETS 300 383 [1], subclause 8.1.3.3).

#### 8.3.2.2.2 E/S/BV/Parameter Variations (PV)

**Test group objective:** Checking the valid behaviour concerning parameter variations. Where no tests have been identified for a functional unit its name has been omitted.

**Subgroups:**

AS	Association;
AC	Access;
DI	Directory;

SA Save;  
RE Rename.

### 8.3.2.2.2.1 E/S/BV/PV/AS

**Test group objective:** Checking the valid behaviour of the IUT when entering association regime with:

- service class parameter encoded as "two categories of services offered";
- with an explicit request of identification;
- with an identification containing only a name;
- with an identification containing a correct name but absent password when requested;
- with an identification containing correct name and password;
- with an identification containing correct name but wrong password;
- with an empty identification parameter in case entitlements are granted to non-identified callers;
- with an empty identification parameter in case entitlements are not granted to non-identified callers;
- with an unaccepted identification.

#### Test Purposes (E/S/BV/PV/AS):

TCES3V0101	Ensure that the IUT shall enter association regime in symmetrical service, on receiving a T_ASSOCIATE Request with service class parameter encoded as "two categories of services offered". (Ref. ETS 300 383 [1], subclause 8.1.1.1).
TCES3V0102	Ensure that the IUT shall enter association regime in symmetrical service, on receiving a T_ASSOCIATE Request with an explicit request of identification. Check that the identifier is present in the T_Response Positive. (Ref. ETS 300 383 [1], subclause 8.1.1.1).
TCES3V0103	Ensure that the IUT shall enter association regime in symmetrical service, on receiving a T_ASSOCIATE Request containing an identification parameter encoded with a name and no password, when this identification is accepted by the IUT, and defined in the access control list with the same name and no password. (Ref. ETS 300 383 [1], subclause 7.2.1.3b).
TCES3V0104	Ensure that the IUT shall refuse association regime, on receiving a T_ASSOCIATE Request containing an identification parameter encoded with a name and a password, when the corresponding identification in the access control list contains the same name but password is absent. Check that the cause indicated in the T_Response_Negative is "identifier rejected". (Ref. ETS 300 383 [1], subclause 7.2.1.3b).
TCES3V0105	Ensure that the IUT shall enter association regime in symmetrical service, on receiving a T_ASSOCIATE Request containing an identification parameter encoded with a name and a password, when this identification is accepted by the IUT, and defined in the access control list with the same name and password. (Ref. ETS 300 383 [1], subclause 7.2.1.3b).
TCES3V0106	Ensure that the IUT shall refuse association regime, on receiving a T_ASSOCIATE Request containing an identification parameter encoded with a name and a password, when the corresponding identification in the access control list contains the same name but a different password. Check that the cause indicated in the T_Response_Negative is "identifier rejected". (Ref. ETS 300 383 [1], subclause 7.2.1.3b).
TCES3V0107	Ensure that the IUT shall refuse association regime, on receiving a T_ASSOCIATE Request containing an identification parameter encoded with a name but no password, when the corresponding identification in the access control list contains the same name but also a password. Check that the cause indicated in the T_Response_Negative is "identifier rejected". (Ref. ETS 300 383 [1], subclause 7.2.1.3b).



TCES3V0108	Ensure that the IUT shall enter association regime in symmetrical service, if the IUT grants entitlements to non-identified callers, on receiving a T_ASSOCIATE Request encoded with an empty identification parameter. (Ref. ETS 300 383 [1], subclause 7.2.1.3b).
TCES3V0109	Ensure that the IUT shall refuse association regime in symmetrical service, if the IUT does not grant entitlements to non-identified callers, on receiving a T_ASSOCIATE Request encoded with an empty identification parameter. Check that the cause indicated in the T_Response_Negative is "identifier rejected". (Ref. ETS 300 383 [1], subclause 7.2.1.3b).
TCES3V0110	Ensure that the IUT shall enter association regime in symmetrical service, if the IUT grants entitlements to non-identified callers, on receiving a T_ASSOCIATE Request encoded with an unaccepted identification. (Ref. ETS 300 383 [1], subclause 7.2.1.3b).

#### 8.3.2.2.2 E/S/BV/PV/Access

**Test group objective:** Checking that the IUT is able to enter access regime with:

- minimum block size and minimum anticipation window value;
- block size greater than recommended and maximum anticipation window value.

#### **Test Purposes (E/S/BV/PV/AC):**

TCES3V0201	Ensure that the IUT shall enter access regime on receiving a T_ACCESS Request with minimum block size and minimum anticipation window value. Check that the parameters in the T_Response Positive conform to Eurofile specifications. (Ref. ETS 300 383 [1], subclause 8.1.2.1).
TCES3V0202	Ensure that the IUT shall enter access regime on receiving a T_ACCESS Request with block size greater than recommended and maximum anticipation window value. Check that the parameters in the T_Response Positive conform to Eurofile specifications. (Ref. ETS 300 383 [1], subclause 8.1.2.1).

**8.3.2.2.3 E/S/BV/PV/Directory**

**Test group objective:** Checking that the IUT sends the correct directory file on receiving different directory requests based on designation syntactical variations. Those tests will be based on a stable filestore content, and will check that the IUT meet the following criterias:

- letter and joker;
- word and joker;
- word and joker with parenthesis;
- longest keyword;
- logical OR between two words;
- logical AND between two words;
- simple word;
- non existing word.

**Test Purposes (E/S/BV/PV/DI):**

- TCES3V0301 Ensure that the IUT shall send the directory file containing all the files of the filestore on receiving a T\_DIRECTORY Request where designation parameter is encoded with characters (letter + joker) which are common to all file names. (Ref. ETS 300 075 [13], subclause 5.7).
- TCES3V0302 Ensure that the IUT shall send the directory file containing the appropriate file names on receiving a T\_DIRECTORY Request where designation parameter is encoded with a word composed of several letters and one joker. (Ref. ETS 300 075 [13], subclause 5.7).
- TCES3V0303 Ensure that the IUT shall send the directory file containing the appropriate file names on receiving a T\_DIRECTORY Request where designation parameter is encoded with a word composed of parenthesis, several letters and one joker. (Ref. ETS 300 075 [13], subclause 5.7).
- TCES3V0304 Ensure that the IUT shall send the directory file containing the appropriate file names on receiving a T\_DIRECTORY Request where designation parameter is encoded with a word composed of the longest keyword where the last letter is replaced with a joker. (Ref. ETS 300 075 [13], subclause 5.7).
- TCES3V0305 Ensure that the IUT shall send the directory file containing the appropriate file names on receiving a T\_DIRECTORY Request where designation parameter is encoded with a logical OR between two words containing each a joker. (Ref. ETS 300 075 [13], subclause 5.7).
- TCES3V0306 Ensure that the IUT shall send the directory file containing the appropriate file names on receiving a T\_DIRECTORY Request where designation parameter is encoded with a logical AND between two words containing each a joker. (Ref. ETS 300 075 [13], subclause 5.7).
- TCES3V0307 Ensure that the IUT shall send the directory file containing the appropriate file names on receiving a T\_DIRECTORY Request where designation parameter is encoded with one word without any joker. (Ref. ETS 300 075 [13], subclause 5.7).

**8.3.2.2.4 E/S/BV/PV/Save**

**Test group objective:** Checking the valid behaviour of the IUT on a save reception:

- with correct designation;
- with reserved file name, but navigation service is not supported.

**Test Purposes (E/S/BV/PV/SA):**

TCES3V0401            Ensure that the IUT responds correctly on receiving a T\_SAVE Request containing a designation encoded with a value covering all syntactically extreme cases as: keywords maximum number, maximum size of a keyword, maximum size of the designation, from the ITU-T Recommendation T.51 [14] character set. (Ref. ETS 300 383 [1], subclause 8.1.3.1).

TCES3V0402            Ensure that the IUT, when not supporting navigation service, shall refuse the request on receiving a T\_SAVE Request containing designation parameter encoded as "EUROSFT92/NAVIGATION/SELECT". Check that the IUT sends a T\_Response\_Negative with reason parameter encoded as "erroneous designation" (Ref. ETS 300 383 [1], subclause 8.1.3.1).

**8.3.2.2.2.5            E/S/BV/PV/Load**

**Test group objective:**    Checking the valid behaviour of the IUT on a load reception with reserved file name, but navigation service is not supported.

**Test Purposes (E/S/BV/PV/LO):**

TCES3V0501            Ensure that the IUT, when not supporting navigation service, shall not send a file on receiving a T\_LOAD Request containing designation parameter encoded as "EUROSFT92/NAVIGATION/LIST". Check that the IUT sends a T\_Response\_Negative with reason parameter encoded as "erroneous designation" (Ref. ETS 300 383 [1], subclause 8.1.3.2).

TCES3V0502            Ensure that the IUT responds correctly on receiving a T\_LOAD Request containing a designation encoded with a value covering all syntactically extreme cases as: keywords maximum number, maximum size of a keyword, maximum size of the designation, from the ITU-T Recommendation T.51 [14] character set. (Ref. ETS 300 383 [1], subclause 8.1.3.2).

**8.3.2.2.2.6            E/S/BV/PV/Rename**

**Test group objective:**    Checking the valid behaviour of the IUT on a rename reception with a correct new name designation.

**Test Purposes (E/S/BV/PV/RE):**

TCES3V0601            Ensure that the IUT responds correctly on receiving a T\_RENAME Request containing the new name encoded with a value covering all syntactically extreme cases as: keywords maximum number, maximum size of a keyword, maximum size of the designation, from the ITU-T Recommendation T.51 [14] character set. (Ref. ETS 300 383 [1], subclause 8.1.3.5).

**8.3.2.2.3            E/S/BV/Parameter Combinations (PC)**

**Test group objective:**    Checking the valid behaviour concerning parameter combinations. Where no tests have been identified for a functional unit its name has been omitted.

**Subgroups:**                DI    Directory.

**8.3.2.2.3.1            E/S/BV/PC/Directory**

**Test group objective:**    Checking the valid behaviour of the IUT on receiving extended directory requests.

**Test Purposes (E/S/BV/PC/DI):**

TCES3C0301	Ensure that the IUT responds correctly on receiving a T_DIRECTORY Request for extended directory. Check that the directory file sent contains the correct attributes of an extended directory. (Ref. ETS 300 383 [1], subclause 7.3.4).
TCES3C0302	Ensure that the IUT responds correctly on receiving a T_DIRECTORY Request containing user data parameter encoded with "extended directory request" and user data. Check that the IUT shall be able to send a T_Response_Positive if this extended format is provided. (Ref. ETS 300 383 [1], subclause 7.3.4).
TCES3C0303	Ensure that the IUT, when extended directory is not handled, on receiving a T_DIRECTORY Request containing extended directory request sends a T_Response_Negative containing reason encoded as "extended format not available". (Ref. ETS 300 383 [1], subclause 7.3.4).

**8.3.2.2.4 E/S/BV/Inopportune Event (IE)**

**Test group objective:** Checking the valid behaviour subgrouped by functional units. Where no tests have been identified for a functional unit its name has been omitted.

**Subgroups:** FT File Transfer;  
NA Navigation.

**8.3.2.2.4.1 E/S/BV/IE/File Transfer**

**Test group objective:** Checking that the IUT, while performing a file transfer, is able to:

- abort the file transfer;
- interrupt the communication;
- abort the file transfer when the tester is the sender;
- interrupt the communication when the tester is the sender.

**Test Purposes (E/S/BV/IE/FT):**

TCES3E0801	Ensure that the IUT is able to abort a file transfer while performing it as a sender. Check that the IUT sends a T_Transfer_Reject with reason encoded as "user abort" and returns to access regime established (Ref. ETS 300 383 [1], subclause 8.1.6.1).
TCES3E0802	Ensure that the IUT is able to interrupt a communication while performing a file transfer as a sender. Check that the IUT terminates all the regimes (transfer, access, association) before the release of the communication (Ref. ETS 300 383 [1], subclause 8.1.6.1).
TCES3E0803	Ensure that the IUT is able to abort a file transfer while the tester is performing it as a sender. Check that the IUT sends a T_Transfer_Reject with reason encoded as "user abort" and returns to access regime established (Ref. ETS 300 383 [1], subclause 8.1.6.1).
TCES3E0804	Ensure that the IUT is able to interrupt a communication while the tester is performing the file transfer as a sender. Check that the IUT terminates all the regimes (transfer, access, association) before the release of the communication. The reason indicated in T_Transfer_Reject shall be "user abort" (Ref. ETS 300 383 [1], subclause 8.1.6.1).

### 8.3.2.2.4.2 E/S/BV/IE/Navigation

**Test group objective:** Checking the valid behaviour in the following cases:

- use of reserved names from outside navigation service on Load requests;
- use of reserved names from outside navigation service on Save requests;
- use of reserved names in navigation service on Load requests;
- use of reserved names in navigation service on Save requests.

**Test Purposes (E/S/BV/IE/NA):**

- |            |   |
|------------|---|
| TCES3E1001 | Ensure that the IUT, from outside navigation service, shall not send a file on receiving a T_LOAD Request containing designation parameter encoded as "EUROSFT92/NAVIGATION/SELECT". Check that the IUT sends a T_Response_Negative with result parameter encoded as "unknown file" (Ref. ETS 300 383 [1], subclause 7.3.5.5.1).                |
| TCES3E1002 | Ensure that the IUT, in navigation service, shall not send a file on receiving a T_LOAD Request containing designation parameter encoded as "EUROSFT92/NAVIGATION/SELECT". Check that the IUT sends a T_Response_Negative with result parameter encoded as "unknown file" (Ref. ETS 300 383 [1], subclause 7.3.5.5.1).                          |
| TCES3E1003 | Ensure that the IUT, from outside navigation service, shall refuse the request on receiving a T_SAVE Request containing designation parameter encoded as "EUROSFT92/NAVIGATION/LIST". Check that the IUT sends a T_Response_Negative with result parameter encoded as "erroneous designation" (Ref. ETS 300 383 [1], subclause 7.3.5.5.1).      |
| TCES3E1004 | Ensure that the IUT, in navigation service, shall refuse the request on receiving a T_SAVE Request containing designation parameter encoded as "EUROSFT92/NAVIGATION/LIST". Check that the IUT sends a T_Response_Negative with result parameter encoded as "erroneous designation" (Ref. ETS 300 383 [1], subclause 7.3.5.5.1).                |
| TCES3E1005 | Ensure that the IUT, from outside navigation service, shall refuse the request on receiving a T_LOAD Request containing designation parameter encoded as "EUROSFT92/NAVIGATION/S-FILESTORE" Check that the IUT sends a T_Response_Negative with result parameter encoded as "erroneous designation" (Ref. ETS 300 383 [1], subclause 7.3.5.3d). |
| TCES3E1006 | Ensure that the IUT, in navigation service, shall not send a file on receiving a T_LOAD Request containing the designation of a non-existing file in the filestore. Check that the IUT sends a T_Response_Negative with result encoded as "unknown file" (Ref. ETS 300 075 [13], subclause 6.2.7.1).  |

### 8.3.2.3 E/S/Invalid Behaviour Tests (BI)

**Test group objective:** Checking the IUT's reaction to semantically invalid events.

**Subgroups:** PV Parameter Variations.

### 8.3.2.3.1 E/S/BI/Parameter Variations (PV)

**Test group objective:** Checking the IUT's behaviour to semantically invalid events concerning parameter variations.

**Subgroups:**

AS	Association;
AC	Access;
DI	Directory;
SA	Save;
LO	Load;
RE	Rename;
DE	Delete;
FT	File Transfer;
TD	Typed Data;
NA	Navigation.

#### 8.3.2.3.1.1 E/S/BI/PV/Association

**Test group objective:** Checking the IUT's reaction to semantically invalid PDUs, while establishing the association regime, containing:

- an identification parameter encoded with a keyword too many;
- an unaccepted identifier;
- a syntactical error in the identification;
- an erroneous keyword length.

**Test Purposes (E/S/BI/PV/AS):**

- TCES5V0101      Ensure that the IUT shall enter association regime in symmetrical service, on receiving a T\_ASSOCIATE Request with an identification parameter encoded with a keyword too many. Check that the third keyword has no influence on the protocol exchange. (Ref. ETS 300 383 [1], subclause 8.1.1.1).
- TCES5V0102      Ensure that the IUT shall refuse association regime in symmetrical service, on receiving a T\_ASSOCIATE Request with an unaccepted identifier when the access control list does not grant entitlements to callers who have not been identified. Check that the cause indicated in the T\_Response Negative is "identifier rejected". (Ref. ETS 300 383 [1], subclause 8.1.1.1).
- TCES5V0103      Ensure that the IUT terminates association regime on receiving a T\_ASSOCIATE Request containing an identification encoded with a syntactical error corresponding to two consecutive slashes. (Ref. ETS 300 383 [1], subclause 8.1.1.1).
- TCES5V0104      Ensure that the IUT terminates association regime on receiving a T\_ASSOCIATE Request containing an identification encoded with a syntactical error corresponding to a keyword length exceeding 12 characters. (Ref. ETS 300 383 [1], subclause 8.1.1.1).

**8.3.2.3.1.2      E/S/BI/PV/Access**

**Test group objective:** Checking the IUT's reaction on an access regime establishment error.

**Test Purposes (E/S/BI/PV/AC):**

- TCES5V0201      Ensure that the IUT terminates association on receiving a T\_ACCESS Request with an erroneous length on user data parameter (Ref. ETS 300 383 [1], subclause 8.1.2.1).
- TCES5V0202      Ensure that the IUT shall terminate association regime on receiving a T\_ACCESS Request with an incorrect anticipation window size. (Ref. ETS 300 383 [1], subclause 8.1.2.1).

**8.3.2.3.1.3      E/S/BI/PV/Directory**

**Test group objective:** Checking the IUT's reaction to incorrect designation in T\_Directory, that is to say:

- two successive OR operators;
- successive OR and AND operators;
- too many parenthesis.

**Test Purposes (E/S/BI/PV/DI):**

- TCES5V0301      Ensure that the IUT responds correctly on receiving a T\_DIRECTORY Request containing a designation encoded with two successive OR logical operators. Check that the IUT sends a T\_Response Negative containing cause parameter encoded as "erroneous designation" or a T\_P\_Exception or terminates association. (Ref. ETS 300 075 [13], subclause 5.7).
- TCES5V0302      Ensure that the IUT responds correctly on receiving a T\_DIRECTORY Request containing a designation encoded with two successive OR and AND logical operators. Check that the IUT sends a T\_Response Negative containing cause parameter encoded as "erroneous designation" or a T\_P\_Exception or terminates association. (Ref. ETS 300 075 [13], subclause 5.7).

TCES5V0303            Ensure that the IUT responds correctly on receiving a T\_DIRECTORY Request containing a designation encoded with an extra parenthesis. Check that the IUT sends a T\_Response Negative containing cause parameter encoded as "erroneous designation" or a T\_P\_Exception or terminates association. (Ref. ETS 300 075 [13], subclause 5.7).

#### 8.3.2.3.1.4            E/S/BI/PV/Save

**Test group objective:** Checking the IUT's reaction to semantically invalid PDUs, on save request reception, containing a designation encoded with:

- with a keyword in excess of permitted length;
- a keyword too many;
- invalid characters;
- a name in excess of permitted length.

#### **Test Purposes (E/S/BI/PV/SA):**

TCES5V0401            Ensure that the IUT responds correctly on receiving a T\_SAVE Request containing a designation encoded with a keyword in excess of permitted length. Check that the IUT sends a T\_Response Negative containing cause parameter encoded as "erroneous designation" or a T\_P\_Exception or terminates association (Ref. ETS 300 383 [1], subclause 8.1.3.1).

TCES5V0402            Ensure that the IUT responds correctly on receiving a T\_SAVE Request containing a designation encoded with a keyword too many. Check that the IUT sends a T\_Response Negative containing cause parameter encoded as "erroneous designation" or a T\_P\_Exception or terminates association (Ref. ETS 300 383 [1], subclause 8.1.3.1).

TCES5V0403            Ensure that the IUT responds correctly on receiving a T\_SAVE Request containing a designation encoded with invalid characters. Check that the IUT sends a T\_Response Negative containing cause parameter encoded as "erroneous designation" or a T\_P\_Exception or terminates association (Ref. ETS 300 383 [1], subclause 8.1.3.1).

TCES5V0404            Ensure that the IUT responds correctly on receiving a T\_SAVE Request containing a designation encoded with a name in excess of permitted length. Check that the IUT sends a T\_Response Negative containing cause parameter encoded as "erroneous designation" or a T\_P\_Exception or terminates association (Ref. ETS 300 383 [1], subclause 8.1.3.1).

#### 8.3.2.3.1.5            E/S/BI/PV/Load

**Test group objective:** Checking the IUT's reaction to semantically invalid PDUs, on load request reception, containing a designation encoded with:

- a keyword in excess of permitted length;
- a keyword too many;
- invalid characters;
- a name in excess of permitted length.



**Test Purposes (E/S/BI/PV/LO):**

TCES5V0501	Ensure that the IUT responds correctly on receiving a T_LOAD Request containing a designation encoded with a keyword in excess of permitted length. Check that the IUT sends a T_Response Negative containing cause parameter encoded as "erroneous designation" or a T_P_Exception or terminates association (Ref. ETS 300 383 [1], subclause 8.1.3.2).
TCES5V0502	Ensure that the IUT responds correctly on receiving a T_LOAD Request containing a designation encoded with a keyword too many. Check that the IUT sends a T_Response Negative containing cause parameter encoded as "erroneous designation" or a T_P_Exception or terminates association (Ref. ETS 300 383 [1], subclause 8.1.3.2).
TCES5V0503	Ensure that the IUT responds correctly on receiving a T_LOAD Request containing a designation encoded with invalid characters. Check that the IUT sends a T_Response Negative containing cause parameter encoded as "erroneous designation" or a T_P_Exception or terminates association (Ref. ETS 300 383 [1], subclause 8.1.3.2).
TCES5V0504	Ensure that the IUT responds correctly on receiving a T_LOAD Request containing a designation encoded with a name in excess of permitted length. Check that the IUT sends a T_Response Negative containing cause parameter encoded as "erroneous designation" or a T_P_Exception or terminates association (Ref. ETS 300 383 [1], subclause 8.1.3.2).

**8.3.2.3.1.6 E/S/BI/PV/Rename**

**Test group objective:** Checking that the IUT shall not rename the file on receiving a request with:

- an erroneous length on user data parameter;
- a keyword in excess of permitted length in the new name;
- a keyword too many in the new name;
- invalid characters in the new name;
- a name in excess of permitted length in the new name.

**Test Purposes (E/S/BI/PV/RE):**

- TCES5V0601      Ensure that the IUT does not rename the file on receiving a T\_RENAME Request containing an erroneous length on user data parameter. Check that the IUT sends a T\_P\_Exception or terminates association regime (Ref. ETS 300 383 [1], subclause 8.1.3.5).
- TCES5V0602      Ensure that the IUT responds correctly on receiving a T\_RENAME Request containing new name parameter encoded with a keyword in excess of permitted length. Check that the IUT sends a T\_Response Negative containing cause parameter encoded as "erroneous designation" or a T\_P\_Exception or terminates association (Ref. ETS 300 383 [1], subclause 8.1.3.5).
- TCES5V0603      Ensure that the IUT responds correctly on receiving a T\_RENAME Request containing new name parameter encoded with a keyword too many. Check that the IUT sends a T\_Response Negative containing cause parameter encoded as "erroneous designation" or a T\_P\_Exception or terminates association (Ref. ETS 300 383 [1], subclause 8.1.3.5).
- TCES5V0604      Ensure that the IUT responds correctly on receiving a T\_RENAME Request containing new name parameter encoded with invalid characters. Check that the IUT sends a T\_Response Negative containing cause parameter encoded as "erroneous designation" or a T\_P\_Exception or terminates association (Ref. ETS 300 383 [1], subclause 8.1.3.5).
- TCES5V0605      Ensure that the IUT responds correctly on receiving a T\_RENAME Request containing new name parameter encoded with a name in excess of permitted length. Check that the IUT sends a T\_Response Negative containing cause parameter encoded as "erroneous designation" or a T\_P\_Exception or terminates association (Ref. ETS 300 383 [1], subclause 8.1.3.5).

**8.3.2.3.1.7      E/S/BI/PV/Delete**

**Test group objective:** Checking the IUT's reaction to the following erroneous designation in the delete request:

- a keyword in excess of permitted length;
- a keyword too many;
- invalid characters;
- a name in excess of permitted length.

**Test Purposes (E/S/BI/PV/DE):**

- TCES5V0701      Ensure that the IUT responds correctly on receiving a T\_DELETE Request containing a designation encoded with a keyword in excess of permitted length. Check that the IUT sends a T\_Response Negative containing cause parameter encoded as "erroneous designation" or a T\_P\_Exception or terminates association (Ref. ETS 300 383 [1], subclause 8.1.3.4).
- TCES5V0702      Ensure that the IUT responds correctly on receiving a T\_DELETE Request containing a designation encoded with a keyword too many. Check that the IUT sends a T\_Response Negative containing cause parameter encoded as "erroneous designation" or a T\_P\_Exception or terminates association (Ref. ETS 300 383 [1], subclause 8.1.3.4).
- TCES5V0703      Ensure that the IUT responds correctly on receiving a T\_DELETE Request containing a designation encoded with invalid characters. Check that the IUT sends a T\_Response Negative containing cause parameter encoded as "erroneous designation" or a T\_P\_Exception or terminates association (Ref. ETS 300 383 [1], subclause 8.1.3.4).

TCES5V0704            Ensure that the IUT responds correctly on receiving a T\_DELETE Request containing a designation encoded with a name in excess of permitted length. Check that the IUT sends a T\_Response Negative containing cause parameter encoded as "erroneous designation" or a T\_P\_Exception or terminates association (Ref. ETS 300 383 [1], subclause 8.1.3.4).

#### 8.3.2.3.1.8            E/S/BI/PV/Typed Data

**Test group objective:** Checking the IUT's reaction on receiving a message containing incorrect characters.

##### Test Purposes (E/S/BI/PV/TD):

TCES5V0901            Ensure that the IUT, in state access regime established, on receiving a T\_TYPED\_DATA Request containing user data encoded with characters outside authorised ITU-T Recommendation T.51 [14] set of characters or terminates association regime (Ref. ETS 300 383 [1], subclause 8.1.4.1).

#### 8.3.2.3.1.9            E/S/BI/PV/Navigation

**Test group objective:** Checking the IUT's reaction on receiving a filestore selection request containing:

- a correct but non-existing filestore name;
- designation in excess of permitted length;
- filestore name encoded with two filestore names.

##### Test Purposes (E/S/BI/PV/NA):

TCES5V1001            Ensure that the IUT shall not select a filestore on receiving a filestore selection request containing a correct but non-existing filestore name. Check that the IUT sends a T\_Response\_Negative with result indicating "erroneous designation" (Ref. ETS 300 383 [1], subclause 7.3.5.3c).

TCES5V1002            Ensure that the IUT shall not select a filestore on receiving a filestore selection request containing a filestore name encoded with two filestores names. Check that the IUT sends a T\_Response\_Negative with result indicating "erroneous designation" (Ref. ETS 300 383 [1], subclause 7.3.5.3c).

#### 8.3.2.4                E/S/Inopportune Behaviour Tests (BO)

**Test group objective:** Checking the IUT's reaction to inopportune events.

**Subgroups:**            IE    Inopportune Event.

##### 8.3.2.4.1                E/S/BO/Inopportune Event (IE)

**Test group objective:** Checking the IUT's behaviour to semantically invalid events concerning parameter variations.

**Subgroups:**            FT    File Transfer.

##### 8.3.2.4.1.1            E/S/BO/IE/FT

**Test group objective:** Checking the IUT's behaviour on receiving a read restart request.

**Test Purposes (E/S/BO/IE/FT):**

TCES4E0801      Ensure that the IUT, as a sender, on receiving a T\_Read\_Restart from the tester shall terminate the transfer. Check that the IUT sends a T\_P\_EXCEPTION containing reason parameter encoded as "primitive not handled" (Ref. ETS 300 383 [1], subclause 8.1.2.1).

**8.3.2.5      E/S/Services**

**Test group objective:** Checking the IUT's behaviour concerning the protocol exchanges linked to the Eurofile services.

**Subgroups:**            IN    Information supplied;  
                           PB    PhoneBook;  
                           LB    Logbook.

**8.3.2.5.1      E/S/SE/Information supplied**

**Test group objective:** Checking the IUT's behaviour concerning the protocol exchanges linked to the display of information to the users.

**Subgroups:**            FT    File Transfer  
                           PH    Phases of communication  
                           FA    Files administration  
                           ME    Messages

**8.3.2.5.1.1      E/S/SE/IN/File Transfer**

**Test group objective:** Checking the IUT's behaviour concerning the information display on file transfers.

**Test Purposes (E/S/SE/IN/FT):**

TCES6N0801      Ensure that, after an access regime establishment initiated by the remote entity, on a file transfer, the current file transfer operation is displayed at the level interface, containing the following information: transfer direction from the tester to the IUT, the file concerned, and the current operation. (Ref. ETS 300 383 [1], subclause 7.2.2.1b).

TCES6N0802      Ensure that, after an access regime establishment initiated by the remote entity, and during a file transfer from the tester to the IUT, the activation of the interruption of the transfer from the IUT has no effect on the communication. (Ref. ETS 300 383 [1], subclause 7.2.1.7a). TP superseded by CTP005.

TCES6N0803      Ensure that, after an access regime establishment initiated by the remote entity, and during a file transfer from the tester to the IUT, the file concerned by a transfer interrupt from the IUT is not present in the local filestore display. (Ref. ETS 300 383 [1], subclause 7.2.1.7a). TP superseded by CTP 005.

TCES6N0804      Ensure that the IUT, when it is the called party and a file transfer is being processed from the tester to the IUT, is able to interrupt the communication. (Ref. ETS 300 383 [1], subclause 7.2.1.7b).

TCES6N0805      Ensure that, when the IUT is the called party, that a file transfer is being processed from the tester to the IUT and the user interrupts the call, a confirmation is displayed and requested. (Ref. ETS 300 383 [1], subclause 7.2.1.7b).

TCES6N0806      Ensure that, when the IUT is the called party and the configuration indicates the possibility of overlaying existing files, on receiving a save request of a transfer of file which name is corresponding to an already existing name in the IUT filestore, the request is accepted. (Ref. ETS 300 383 [1], subclause 7.2.1.7 1).

- TCES6N0807 Ensure that, when the IUT is the called party and the configuration indicates that no possibility of overlaying existing files, on receiving a save request of a transfer of file which name is corresponding to an already existing name in the IUT filestore, the request is refused. Check that the cause indicated in the T\_Response\_Negative is "Already existing file". (Ref. ETS 300 383 [1], subclause 7.2.1.7 1).
- TCES6N0808 Ensure that, after an access regime establishment initiated by the remote entity, on a file transfer, the current file transfer operation is displayed at the level interface, containing the following information: transfer direction from the IUT to the tester, the file concerned, and the current operation. (Ref. ETS 300 383 [1], subclause 7.2.2.1b).
- TCES6N0809 Ensure that the IUT, when it is the called party and a file transfer is being processed from the IUT to the tester, is able to interrupt the communication. (Ref. ETS 300 383 [1], subclause 7.2.1.7b).
- TCES6N0810 Ensure that, when the IUT is the called party, that a file transfer is being processed from the IUT to the tester and the user interrupts the call, a confirmation is displayed and requested. (Ref. ETS 300 383 [1], subclause 7.2.1.7b).

#### 8.3.2.5.1.2 E/S/SE/IN/Phases of communication

**Test group objective:** Checking the IUT's behaviour concerning the information display during the phases of communication.

#### **Test Purposes (E/S/SE/IN/PH):**

- TCES6N1101 Ensure that the IUT handles an incoming call without the user intervention, and displays the current status of exchanges. (Ref. ETS 300 383 [1], subclause 7.1.1).
- TCES6N1102 Ensure that the IUT, after an access regime establishment initiated by the remote entity, displays a message indicating the communication abort when the communication is interrupted from the remote equipment. (Ref. ETS 300 383 [1], subclause 7.2.1.7b).
- TCES6N1103 Ensure that the IUT, after an access regime establishment initiated by the remote entity, is able to activate a function for interrupting the communication. (Ref. ETS 300 383 [1], subclause 7.1.2). TP superseded by CTP006.
- TCES6N1104 Ensure that, after an access regime establishment initiated by the remote entity, and no operation is in progress, the IUT displays a user indication when the inactivity timer runs out. Check that this event is included in the logbook. (Ref. ETS 300 383 [1], subclause 7.2.2.1d).
- TCES6N1105 Ensure that, when the IUT is the called party, on confirmation by the user of a call interrupt the current service is interrupted and the established call terminated. (Ref. ETS 300 383 [1], subclause 7.2.1.7b). TP superseded by CTP006.
- TCES6N1106 Ensure that, when the IUT is the called party, on confirmation by the user of a call interrupt, a "user abort" indication is displayed. (Ref. ETS 300 383 [1], subclause 7.2.1.7b). TP superseded by CTP006.

#### 8.3.2.5.1.3 E/S/SE/IN/File administration

**Test group objective:** Checking the IUT's behaviour concerning the information display on file administration service.

##### Test Purposes (E/S/SE/IN/FA):

TCES6N1201 Ensure that, when the IUT is the called party, the processing of a T\_DIRECTORY Request received from the tester is indicated in the logbook. (Ref. ETS 300 383 [1], subclause 7.4.1.2). TP superseded by CTP007.

TCES6N1202 Ensure that, when the IUT is the called party, after a directory request of all the files from the tester, the list of accessible files received corresponds to the working area defined in access control list. (Ref. ETS 300 383 [1], subclause 7.4.2.2b). TP superseded by CTP007.

#### 8.3.2.5.1.4 E/S/SE/IN/Message

**Test group objective:** Checking the IUT's behaviour concerning the information display for the message service.

##### Test Purposes (E/S/SE/IN/ME):

TCES6N1301 Ensure that the IUT, after an access regime establishment initiated by the remote entity, and if the message service is implemented, the sending message operation is available at the interface level, and the user can enter a message. (Ref. ETS 300 383 [1], subclause 7.2.1.7c).

TCES6N1302 Ensure that the IUT, after an access regime establishment initiated by the remote entity, on receiving a message from the remote entity, the message is displayed automatically without user intervention. (Ref. ETS 300 383 [1], subclause 7.2.2.1).

#### 8.3.2.5.2 E/S/SE/Logbook

**Test group objective:** Checking the IUT's behaviour concerning the protocol exchanges linked to the logbook.

**Subgroups:** FT File Transfer;  
FA Files administration;  
ME Messages.

##### 8.3.2.5.2.1 E/S/SE/LB/File administration

**Test group objective:** Checking the IUT's behaviour concerning the logbook information stored on file administration service.

##### Test Purposes (E/S/SE/LB/FA):

TCES6L1201 Ensure that, when the IUT is the called party, after having answered positively to an extended directory request, this event is included in the logbook. (Ref. ETS 300 383 [1], subclause 7.4.1.2).

##### 8.3.2.5.2.2 E/S/SE/LB/Message

**Test group objective:** Checking the IUT's behaviour concerning the logbook information stored for the message service.

**Test Purposes (E/S/SE/LB/ME):**

- TCES6L1301            Ensure that the IUT, after an access regime establishment initiated by the remote entity, and after having sent a message to the remote entity, the content of the outgoing message is included in the logbook. (Ref. ETS 300 383 [1], subclause 7.4.1.2).
- TCES6L1302            Ensure that the IUT, after an access regime establishment initiated by the remote entity, on receiving a message from the remote entity, the content of the incoming message is included in the logbook. (Ref. ETS 300 383 [1], subclause 7.4.1.2).

**8.3.3            Local services**

**Test group objective:** This test group is to test the local services defined by ETS 300 383 [1] at the IUT interface.

- Subgroups:**
- CO    Configuration;
  - PB    Correspondent PhoneBook and Access Control List;
  - FL    File List;
  - LG    Logbook;
  - IS    Information supplied.

**8.3.3.1            E/L/Configuration**

**Test group objective:** To test the services aspects linked to the configuration display and modification.

**Test Purposes (E/L/CO):**

- TCELCO01            Ensure that a static configuration is available for display at the IUT interface after the starting-up phase and contains at least the address of the caller terminal. (Ref. ETS 300 383 [1], subclause 7.4.3.2).
- TCELCO02            Ensure that the modification of the static configuration is available at the IUT interface. (Ref. ETS 300 383 [1], subclause 7.4.3.2).
- TCELCO03            Ensure that, when automatic mode implemented, the following parameters of the dynamic configuration are available for display at the IUT interface after the starting-up phase:
- number of retries for unsuccessful session;
  - number of retries for an unsuccessful call;
  - delay between two attempts;
  - use of recovery;
  - date and time of execution. (Ref. ETS 300 383 [1], subclause 7.4.3.3).
- TCELCO04            Ensure that after having modified the dynamic configuration, it is possible to return to the default configuration through a function. Check that the dynamic configuration was actually reset. (Ref. ETS 300 383 [1], subclause 7.4.3.3).

**8.3.3.2            E/L/Phonebook**

**Test group objective:** To test the administration and the content of the correspondent phonebook and access control list.

**Test Purposes (E/L/PB):**

- TCELPB01            Ensure that the correspondent phonebook contains for each correspondent:
- mnemonic;
  - address;
  - optionally, local filestore. (Ref. ETS 300 383 [1], subclause 7.4.2.2a).

TCELPB02	Ensure that it is possible to create a new correspondent in the correspondent phonebook. (Ref. ETS 300 383 [1], subclause 7.4.2.1).
TCELPB03	Ensure that it is possible to modify a correspondent in the correspondent phonebook. (Ref. ETS 300 383 [1], subclause 7.4.2.1).
TCELPB04	Ensure that it is possible to delete a correspondent in the correspondent phonebook. (Ref. ETS 300 383 [1], subclause 7.4.2.1).
TCELPB05	Ensure that the correspondent phonebook is accessible at least when there is no call in progress. (Ref. ETS 300 383 [1], subclause 7.4.2.1).
TCELPB06	Ensure that the access to the correspondent phonebook and access control list are independent. (Ref. ETS 300 383 [1], subclause 7.4.2.1).
TCELPB07	Ensure that the access control list contains for each element: <ul style="list-style-type: none"> <li>- mnemonic;</li> <li>- identifier;</li> <li>- authorizations granted to the caller;</li> <li>- working area;</li> <li>- optionally, support of navigation service and navigation filestores links. (Ref. ETS 300 383 [1], subclause 7.4.2.2b).</li> </ul>
TCELPB08	Ensure that at least one basic operation shall be accessible to identified callers, such as file save, file load or the access of the file list. (Ref. ETS 300 383 [1], subclause 7.2.1.4).
TCELPB09	Ensure that the access control list is accessible at least when there is no call in progress. (Ref. ETS 300 383 [1], subclause 7.4.2.1).
TCELPB10	Check the possibility to enter a password when creating or modifying a correspondent in the access control list.
TCELPB11	Ensure that, if the IUT is able to define entitlements to non-identified callers, it is possible to define entitlements to a non-identified caller. (Ref. ETS 300 383 [1], subclause 7.4.2 1).

### 8.3.3.3 E/L/File List

**Test group objective:** To test the services aspects linked to the local file lists.

#### Test Purposes (E/L/FL):

TCELFL01	Ensure that the user can list all the names of local files, and check the list displayed. (Ref. ETS 300 383 [1], subclause 7.3.2.1).
TCELFL02	Ensure that the user can list the names of local files, after having entered a criteria, and check the list displayed. (Ref. ETS 300 383 [1], subclause 7.3.2 1).
TCELFL03	Ensure that, if the local delete service implemented on the IUT, the user has the possibility to select one or several file(s) in order to delete them. (Ref. ETS 300 383 [1], subclause 7.3.2 2).
TCELFL04	Ensure that, if the local rename service implemented on the IUT, the user has the possibility to select one or several file(s) in order to rename them. (Ref. ETS 300 383 [1], subclause 7.3.2 3).
TCELFL05	Ensure that the list of files displayed is corresponding to the operations done. (Ref. ETS 300 383 [1], subclause 7.3.2 1).



#### 8.3.3.4 E/L/Logbook

**Test group objective:** To test the administration of the logbook service.

##### **Test Purposes (E/L/LB):**

TCELLB01	Ensure that the consultation of the logbook of the IUT provides a rapid display of the latest events. (Ref. ETS 300 383 [1], subclause 7.4.1.1).
TCELLB02	Ensure that a save function of the logbook is available for the user. (Ref. ETS 300 383 [1], subclause 7.4.1.1).
TCELLB03	Ensure that a reset function of the logbook is available for the user. (Ref. ETS 300 383 [1], subclause 7.4.1.1).

#### 8.3.3.5 E/L/Information Supplied

**Test group objective:** To test the message displayed to the user concerning the status when the IUT is not connected.

##### **Test Purposes (E/L/IS):**

TCELIS01	Ensure that the current status of exchanges displayed at the IUT interface, when there is no communication in progress is no current call. (Ref. ETS 300 383 [1], subclause 7.2.2.1 b).
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### 8.4 Combined Test Purposes

Some of the purposes have been combined together in order to have a more complete test. These are called Combined Test Purposes (CTP). The Test Purposes are combined because their test sequence is the same, and several aspects can be checked together, instead of being individually checked if the TP were not combined.

The combined Test Purposes list contains:

- the Test Purposes which are the result of the combination;
- the original Test Purposes, described as a reference in the TP list.

List of the combined Test Purposes:

CTP001: TCEM6N1101 & TCEM6L1101

Ensure that a message indicating a communication abort is displayed when the communication initiated by the IUT is interrupted from the remote equipment, and that the trace of the communication abort is stored in the logbook.

CTP002: TCEM6N0806 & TCEM6L0801

Ensure that, on a multiple file save request, the transfer interrupt from the tester of one of the files will have no consequence on the following file transfer operations, and that all those operations are mentioned in the logbook.

CTP003: TCEM6N1203 & TCEM6L1201

Ensure that, on request of the remote file list, the list displayed at the user interface contains at least the transfer name and the file size, and that the received list is displayed in the logbook.

CTP004: TCEM6N1104 & TCEM6N1105 & TCEM6L1103

Ensure that, on confirmation by the user of a call interrupt, the current service is interrupted, the established call terminated, a "user abort" indication is displayed, and the clear-down of the call and the initiator are indicated in the logbook.

CTP005: TCES6N0802 & TCES6N0803

Ensure that, after a call establishment initiated by the remote entity, and during a file transfer from the tester to the IUT, the activation of the interruption of the transfer from the IUT has no effect on

the communication, and the file concerned by a transfer interrupt from the IUT is not present in the local filestore display.

CTP006: TCES6N1105 & TCES6N1106 & TCES6N1103

Ensure that, when the IUT is the called party, it is possible to activate a function for interrupting the communication, then on confirmation by the user of a call interrupt the current service is interrupted and the established call terminated, and that a "user abort" indication is displayed.

CTP007: TCES6N1201 & TCES6N1202

Ensure that, when the IUT is the called party, the processing of a T\_DIRECTORY Request received from the tester is indicated in the logbook, and that the list of accessible files received corresponds to the working area defined in access control list.

CTP008: TCS2\_0202 & TCS2\_0102

Ensure that the IUT in state access regime established, on receiving from the tester a T\_END\_ACCESS Request with appropriate parameters, sends a T\_END\_ACCESS Response Positive and returns to association regime; then on receiving from the tester a T\_RELEASE Request with appropriate parameters, sends a T\_RELEASE Response Positive and terminates association regime.

CTP009: TCEM6N1301 & TCEM6L1301

Ensure that, when a communication initiated by the IUT is established and the message service is implemented, it is possible to activate at the interface level the sending message service, and to enter a message. Check that this event is included in the logbook.

CTP010: TCEM6N1302 & TCEM6L1302

Ensure that, when a communication initiated by the IUT is established, and on receiving a message from the remote entity, the message is displayed automatically without user intervention. Check that this event is included in the logbook.

CTP011: TCEM6N1207 & TCEM6N1210

Ensure that at the IUT interface the names of the files to be renamed can be selected from the list of the remote files, received further to a file list request, and displayed. Ensure that at the interface the new names of the files for renaming can be entered by the user.

## 9 Profile Specific Test Specification convention

The PSTS conventions are intended to give a better understanding of the PSTS but they describe also the conventions made for the development of the PSTS.

The PSTS convention contains two clauses, the naming conventions and the implementation conventions. The naming conventions describe the structure of the naming of all PSTS elements. The implementation conventions describe functional structure of the PSTS elements.

### 9.1 Naming conventions

#### 9.1.1 Overview part

This clause is available without any additional rules. No additional naming conventions are met.

#### 9.1.2 Declaration part

The Identifier (Id) names of the following definitions are written in lowercase:

- ASP Type Definitions;
- PDU Type Definitions.

The Id names of the following definitions are written in uppercase:

- Simple Type Definitions;
- Test Suite Parameter Declarations;
- Test Case Selection Expression Definitions;
- Test Suite Constant Declaration;
- Test Suite Variable Declarations;
- Test Case Variable Declarations.

Structured Type Id names begin with ST\_:

- e.g.: ST\_Address.

Test Suite Parameter Id names begin with TSP:

- Protocol Implementation Conformance Statement (PICS) are identified by adding the letter "C" ==> TSPC\_. (e.g.: TSPC\_MASTER)
- Protocol Implementation eXtra Information for Testing (PIXIT) are identified by adding the letter "X" ==> TSPX\_. (e.g.: TSPX\_EUROFILE)

Test Case Selection expression Id names begin with TCS\_:

- e.g.: TSC\_IUT

Test Suite Operations begin with TSO\_:

- e.g.: TSO\_BLOCKLEN

Test Suite Constant Id names begin with TSC\_:

- e.g.: TSC\_T\_ASSOCIATE

Test Suite Variable Id names begin with TSV\_:

- e.g.: TSV\_LENGTH\_1

### 9.1.3 Constraint part

Constraint names commence with a capital letter. The remaining part of the Id name is written in lowercase.

The text in *italics* is only for information and the normal text is used in the test specification.

The structure of a Constraint Id name is as follows:

- <Declaration Id Name>[\_send or \_receive][\_base or *\_further details*]
- e.g.:
  - a) Declaration part: t\_associate\_req;
  - b) Constraint part: T\_associate\_req\_s\_base.

A Structured constraint Id name commences with SC\_:

The structure of a Structured constraint Id name is as follows:

- <Declaration Id Name>[\_detail][\_send or \_receive][\_base or *\_further details*]
- e.g.:
  - a) Declaration part: ST\_Address;
  - b) Constraint part: SC\_Address\_called\_r\_base.

If formal parameter lists are used, the variable names are written in uppercase.

## 9.1.4 Dynamic part

### 9.1.4.1 Test Cases

The identifier of the TCs shall be the same as in I-ETS 300 491-2 [15].

### 9.1.4.2 Test steps

In TCs, test steps as well as local trees are used. To allow an easy distinguishing of them the following naming applies:

- Local tree: lo\_[local\_tree\_name];
- Preamble test step: pr\_[test\_step\_name];
- Postamble test step: po\_[test\_step\_name];
- Check test step: ch\_[test\_step\_name].

### 9.1.5 PTS abbreviations

These abbreviations are used to shorten identifier names. Capital letters may be used.

_addr	address
_appl	application
_asp	primitive (abstract service primitive)
_cnf	confirmation
_comm	common
_ind	indication
_r	receive
_rej	reject
_req	request
_rsp	response
_s	send

## 9.2 Implementation conventions

### 9.2.1 General conventions

The tester shall guarantee the correct implementation for the lower layers in the SUT.

Furthermore, the tester shall establish a connection between the test system and the IUT that shall be described in the PIXIT. The tester shall realize the functionalities of the SBV primitives SBV\_TPD\_Begin, SBV\_TPD\_End and SBV\_TC\_Error.

### 9.2.2 Declaration part

The comment line of single element TTCN tables is used to give a reference where the format and content of the element is described in the relevant protocol specification. Any particularity of the element format or content is described in the comment line.

The comment line in the header of the multi-element TTCN tables is used to reference the protocol specification. The detailed comments are used to describe any particularity of the table.

In the Abstract Service Primitive (ASP) and PDU declarations the comments column is further used to give information about the element value.

Although the Profile Test Specification (PTS) refers to the base ATS specification (I-ETS 300 491-3 [9], all Declarations and Definitions are once again written in the PTS for better readability.

### 9.2.3 Constraint part

All PDUs are defined in a way that relevant elements are parameterized. That improves the transparency of the constraints in the dynamic part, as all values which are relevant for the test shall always be present.

The comment line of a constraint contains always the reference to the used specification. The detailed comment sector is used to describe any particularity of the table.

### 9.2.4 Dynamic part

All events which are defined as conformance requirements by the TP, cause a preliminary verdict PASS if the requirement is met.

For more readability of the verdicts, the events (Alias names, OTHERWISE or TIMEOUT) and test step names should be written to the conformance log with its receive event. This allows the identification of where the test failed.

Implicit send events are used within the ATS. The specific description is given in the constraint part. The tester may realize the implicit send events manually or automatically.

## **Annex A (normative): Abstract Test Suite (ATS)**

This ATS has been produced using TTCN according to ISO/IEC 9646-3 [17].

The ATS was developed on a separate TTCN software tool and therefore the TTCN tables are not completely referenced in the contents table. The ATS itself contains a Test Suite Overview part which provides additional information and references.

### **A.1 The TTCN Graphical form (TTCN.GR)**

The TTCN.GR representation of this ATS is contained in a Postscript file (DI104903.PS) which accompanies this ETS.

NOTE 1: This file is located in an archive file named 4903\_I1.LZH. Other file formats are available on request.

### **A.2 The TTCN Machine Processable form (TTCN.MP)**

The TTCN.MP representation corresponding to this ATS is contained in an ASCII file (DI104903.MP) which accompanies this ETS.

NOTE 2: This file is located in an archive file named 4903\_I1.LZH. Other file formats are available on request.

NOTE 3: According to ISO/IEC 9646-3 [17], in case of a conflict in interpretation of the operational semantics of TTCN.GR and TTCN.MP, the operational semantics of the TTCN.GR representation takes precedence.

**Annex B (normative): Profile specific IXIT proforma for the EUROFILE protocol (ETS 300 383)**

Notwithstanding the provisions of the copyright clause related to the text of this I-ETS, ETSI grants that users of this I-ETS may freely reproduce the PIXIT proforma in this annex so that it can be used for its intended purposes and may further publish the completed PIXIT.

**B.1 Identification summary****B.1.1 Profile IXIT**

IXIT Number	
Test Laboratory Name	
Date of Issue	
Issued to	

**B.1.2 Profile Specific Test Suite Summary**

Profile Specification	ETS 300 383 [1]
Profile Specific Test Specification	I-ETS 300 490-3
Abstract Test Method	Remote Multi Layer Test Method



**B.1.3 Test Laboratory**

Identification	
Address	
Postal code/city	
Country	
Telephone	
Telefax	
Telex	
Teletex	
E-Mail	
Accreditation status of the test service	
Accreditation reference	
Test Laboratory Manager	
Test Laboratory Contract	
Means of Testing (MOT)	
Instructions for Completion	

**B.1.4 Client**

Identification	
Address	
Postal code/city	
Country	
Telephone	
Telefax	
Telex	
Teletex	
E-Mail	
Client Test Manager	
Test Facilities Required: <i>(Reference to annex can be made)</i>	

**B.1.5 SUT**

Name	
Version	
SCS reference	
Machine Configuration	
Operation System Identification	
Upper Tester Identification	
Upper Tester Validation Date	
IUT Identification	
ICS	
Limitations of the IUT <i>(Reference to annex can be made)</i>	
Environmental Conditions <i>(Reference to annex can be made)</i>	

**B.1.6 Ancillary Protocols**

Protocol Name	Version Number	PICS Ref.	PIXIT Ref.	PCTR Ref.
ETS 300 079 [10]	October 1991	I-ETS 300 236 [11]	I-ETS 300 236 [11]	
ETS 300 075 [13]	February 1994	Draft I-ETS 300 490-1 [3]	Draft I-ETS 300 490-1 [3]	Draft I-ETS 300 490-1 [3]

## B.2 Profile Information for the EUROFILE protocol (ETS 300 383)

### B.2.1 Profile Specific Information

Specification reference	ETS 300 383 [1]
Protocol Version	
PICS reference	

### B.2.2 IUT Information

#### B.2.2.1 Addresses

SAP address	Description
by the Lower Tester 1 to access the IUT (PCO1)	
by the Lower Tester 2 to access the IUT (PCO2)	

#### B.2.3.2 Parameter Values

Table B.1: Parameter Values

Parameter Name	Parameter Type	Question	Parameter Range	Parameter Value
TSPX_EUROFILE	Boolean	Is the IUT an Eurofile application?	TRUE	
TSPX_APPL_RSP_TIMEOUT	Boolean	Is the parameter application response timeout greater than zero?	1 s - 255 s	<sup>1)</sup>
TSPX_ASSOCIATE	Boolean	Does the tester use always the terminated call state? <sup>2)</sup>		
TSPX_AUTO_MODE	Boolean	Does the IUT support the automatic mode?		
TSPX_CALLED_ADDRESS	IA5String	Called address		
TSPX_CALLING_ADDRESSES	IA5String	Calling address		
TSPX_IDENT_CALLER	Boolean	Does the IUT define entitlements associated with non-identified callers?		
TSPX_IDENTIFICATION	Boolean	Does the IUT grant all possible entitlements to the tester identification "TESTEURO/testrun"?		
TSPX_IUT_IDENT	IA5String	What is the IUT's identification?		
TSPX_FILE_CHECKSUM	OCTETSTRING	What is the value of FCS of the used file?		<sup>3)</sup>
TSPX_LISTFILE1	Boolean	Are the filenames referenced to table B.3 realized?		

<sup>1)</sup> Please insert the value for later checking, although not relevant.

<sup>2)</sup> This question shall note in context with test steps pr\_init and pr\_init\_iut.

<sup>3)</sup> See description of the file for the FCS test.

**B.2.3.3 Test files****B.2.3.3.1 General test files**

The tester shall insert all information referred to the test files in the following table.

**Table B.2: General test files**

File name	Test Suite Constant name	Realized [y/n]	File type	Size
tstde_2	TSC_DEL_2		Group A default	
tstlo_1	TSC_LOA_1		Group A default	
tstre_n1	TSC_NEW_2		Group A default	
tstre_o1	TSC_OLD_1		Group A default	
tstre_o2	TSC_OLD_2		Group A default	
tstre_3	TSC_NEW_1		Group A default	
ttsa_2	TSC_SAV_2		Group A default	
designations/test with/smallCAPITAL/>{=&#>./maximum/size/keyword/number	TSC_LIMIT		Group A default	

**B.2.3.3.2 T-Directory testing test files**

For directory testing, the IUT shall have in its database the following files. The tester shall insert all information referred to the test files in the following table.

**Table B.3: Directory testing test files**

File name	realized [Y / N]
EURO/VERYVERYLONG	
EURO/VERYLONG	
EURO/LONGVERY	
EURO/WITHVERY/WITH	
EURO/VERY/VERY/LONG	
EURO/LONG/VERIFY	
EURO/WITH/VERYLONG	

**B.2.3.3.3 Not allowed test file**

The following files shall not be present in the filestore.

**Table B.4: File names not present in the filestore**

File name	realized [Y / N]
FILE/TO/BE/SEND/AND/LOAD/AGAIN	
FILE/HEADER/EMPTY	
FILE/BASIC/COMPRESSION/MODE	
FILE/HIGH/EFFICIENCY/COMPRESSION/MODE	
FILE/TRANSFER/INTERRUPT	
FILE/WITH/ONLY/FILE/NAME/PARAMETER	
FILE/FOR/TRANSFER/IN/SERVICE/TEST	
FILE/FOR/TRANSFER/INTERRUPTION/IN/SERVICE	

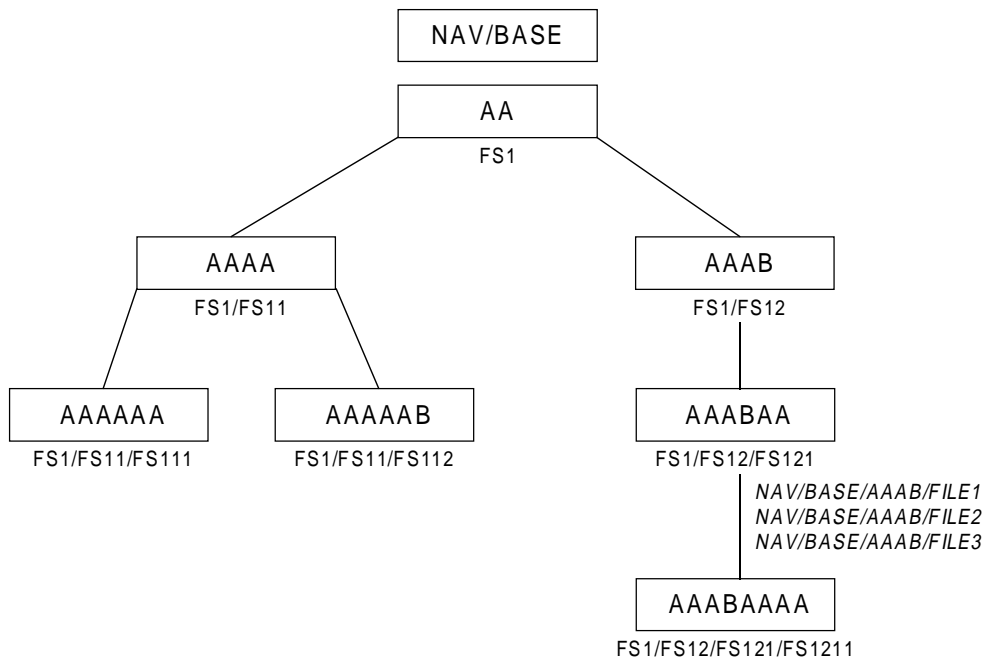
For navigation mode testing, the following file shall not be present in FS1.

**Table B.5: File name not present in the filestore**

File name	realized [Y / N]
FILE/NOT/EXISTING/IN/FS1	

**B.2.3.4 Navigation filestore**

The tester shall realize for Test Purposes a navigation filestore in the IUT. The structure of the navigation filestore in the IUT and the filenames (Italic letters) are represented in the following figure.



**Figure B.1: Structure of navigation filestore in IUT**

Question: Was the navigation filestore realized in the IUT? YES [ ] / NO [ ]

**B.2.3.5 Identifiers in the Access control list**

**B.2.3.5.1 Allowed identifiers**

The tester shall insert all following identifiers in the Access control list of the IUT.

**Table B.6: Allowed identifiers**

File name	realized [Y / N]
TESTEROK1	
TESTERNO1	
TESTEROK2/PASSWORDOK	
TESTERNO2/WRONGPASSWD	
TESTERNO3/WITHPASSWD	
TESTEURO/testrun	

For all those identifiers, all possible authorizations shall be granted to the caller. Nothing specific is requested concerning mnemonic or the working area.

**B.2.3.5.2 Not allowed identifiers**

The tester shall not insert the following identifier in the Access control list of the IUT.

**Table B.7: Not allowed identifiers**

File name	realized [Y / N]
WRONGTESTER	

**B.2.3.6 Procedural information**

As necessary.

## Annex C (normative): Profile Conformance Test Report proforma (Profile CTR)

Notwithstanding the provisions of the copyright clause related to the text of this I-ETS, ETSI grants that users of this I-ETS may freely reproduce the Profile CTR proforma in this annex so that it can be used for its intended purposes and may further publish the completed Profile CTR.

### C.1 Identification summary

#### C.1.1 Profile Conformance Test Report

PCTR Number	
PCTR Date	
Test Laboratory	
Accreditation Status	
Accreditation Reference	
Technical Authority	
Job Title	
Signature	
Test Laboratory Manager	
Signature	

#### C.1.2 IUT

Name	
Version	
Protocol Specification	ETS 300 383 [1]
Profile ICS	<i>I-ETS 300 490-1 [3]</i>

#### C.1.3 Testing Environment

IXIT	I-ETS 300 490-3
Profile Specific Test Specification	I-ETS 300 490-3
ATM	Remote Multi Layer Test Method
MOT	
Period of testing	
Conformance Log reference	
Retention Date of Log reference	
Realising of preamble test step pr_init	Details in annex:
Realising of preamble test step pr_init_iut	Details in annex:
Realising of postamble test step po_disconnect	Details in annex:



#### C.1.4 Limits and reservations

The order of Test Cases listed in clause C.6 of this annex corresponds to the ordering of Test Cases defined in the ATS referenced in subclause C.1.3. This does not indicate that the Test Cases were executed in this order.

The test results presented in this test report apply only to the particular IUT declared in subclause C.1.2, as presented for test in the period declared in subclause C.1.3, and configured as declared in the relevant IXIT attached to this PCTR. This report shall not be reproduced except in full together with its attached ICS and IXIT.

*Additional information relevant to the technical contents or further use of the test report, or to the rights and obligations of the test laboratory and the client, may be given here. Such information may include restrictions on the publication of the report.*

#### C.1.5 Comments

*Additional comments may be given by either the client or test laboratory on any of the contents of the PCTR, for example, to note disagreement between the two parties.*

Additional comments reference in annex:	
---	--

### C.2 IUT conformance status

This IUT **has/has not** been shown by conformance assessment to be non-conforming to the referenced base specification.

*For further details see ISO/IEC 9646-5 [16], annex B, clause B.2.*

### C.3 Static conformance summary

The ICS for this IUT **is/is not** consistent with the static conformance requirements in the referenced base specification.

*For further details see ISO/IEC 9646-5 [16], annex B, clause B.3.*

### C.4 Dynamic conformance summary

The test campaign **did / did not** reveal errors in the IUT.

*For further details see ISO/IEC 9646-5 [16], annex B, clause B.4.*

### C.5 Static conformance review report

*If clause C.3 indicates non-conformance, this clause itemises the mismatches between the ICS and the static conformance requirements of the referenced base specification.*

Non-conformance indication:	Yes / No
Reference to the description:	

### C.6 Test campaign report

The shaded lines in the following table correspond to superseded Test Cases.

For further details see ISO/IEC 9646-5 [16], annex B, clause B.6.

TC Name	Selected [Yes/No]	Run [Yes/No]	Verdict [P/F/I]	Observations <sup>4)</sup>
TCEM2_0101				
TCEM2_0201				
TCEM2_0301				
TCEM2_0302				
TCEM2_0801				
TCEM2_0901				
TCEM2_1001				
TCEM2_1002				
TCEM2_1003				
TCEM2_1004				
TCEM2_1005				
TCEM2_1006				
TCEM2_1007				
TCEM3I0201				
TCEM3I0801				
TCEM3I0802				
TCEM3I0803				
TCEM3I0804				
TCEM3I0805				
TCEM3I0806				
TCEM3I0807				
TCEM3I1001				
TCEM3I1002				
TCEM3I1003				
TCEM3I1004				
TCEM3I1005				
TCEM3I1006				
TCEM3V0101				
TCEM3V0201				
TCEM3V0301				
TCEM3V0302				
TCEM3V0303				
TCEM3V0304				
TCEM3E0301				
TCEM3E0302				
TCEM3E0303				
TCEM3E0801				
TCEM3E0802				
TCEM3E0803				
TCEM3E0804				
TCEM5V0201				
TCEM5V0202				
TCEM5V0203				
TCEM5V0901				
TCEM5C0201				
TCEM4E0201				
TCEM4E0301				
TCEM4E0801				
TCEM6N0801				
(continued)				

<sup>4)</sup> Enter an observation or a reference to any relevant observations made in clause C.7 of this report.

TC Name	Selected [Yes/No]	Run [Yes/No]	Verdict [P/F/I]	Observations <sup>5)</sup>
TCEM6N0802				
TCEM6N0803				
TCEM6N0804				
TCEM6N0805				
<i>TCEM6N0806</i>	<i>NO</i>			<i>CTP002</i>
TCEM6N0807				
TCEM6N0808				
TCEM6N0809				
TCEM6N0810				
TCEM6N0811				
TCEM6N0812				
<i>TCEM6N1101</i>	<i>NO</i>			<i>CTP001</i>
TCEM6N1102				
TCEM6N1103				
<i>TCEM6N1104</i>	<i>NO</i>			<i>CTP004</i>
<i>TCEM6N1105</i>	<i>NO</i>			<i>CTP004</i>
TCEM6N1106				
TCEM6N1201				
TCEM6N1202				
<i>TCEM6N1203</i>	<i>NO</i>			<i>CTP003</i>
TCEM6N1204				
TCEM6N1205				
TCEM6N1206				
<i>TCEM6N1207</i>	<i>NO</i>			<i>CTP011</i>
TCEM6N1208				
TCEM6N1209				
<i>TCEM6N1210</i>	<i>NO</i>			<i>CTP011</i>
TCEM6N1211				
<i>TCEM6N1301</i>				
<i>TCEM6N1302</i>				
TCEM6P1101				
<i>TCEM6L0801</i>	<i>NO</i>			<i>CTP002</i>
<i>TCEM6L1101</i>	<i>NO</i>			<i>CTP001</i>
TCEM6L1102				
<i>TCEM6L1103</i>	<i>NO</i>			<i>CTP004</i>
<i>TCEM6L1201</i>	<i>NO</i>			<i>CTP003</i>
<i>TCEM6L1301</i>	<i>NO</i>			<i>CTP009</i>
<i>TCEM6L1302</i>	<i>NO</i>			<i>CTP010</i>
TCES2_0101				
TCES2_0201				
TCES2_0301				
TCES2_0302				
TCES2_0801				
TCES2_0901				
TCES2_1001				
TCES2_1002				
TCES2_1003				
TCES2_1004				
(continued)				

<sup>5)</sup> Enter an observation or a reference to any relevant observations made in clause C.7 of this report.

TC Name	Selected [Yes/No]	Run [Yes/No]	Verdict [P/F/I]	Observations <sup>6)</sup>
TCES2_1005				
TCES2_1006				
TCES2_1007				
TCES3I0201				
TCES3I0202				
TCES3I0801				
TCES3I0802				
TCES3I0803				
TCES3I0804				
TCES3I0805				
TCES3I0806				
TCES3I0807				
TCES3I0808				
TCES3I1001				
TCES3I1002				
TCES3I1003				
TCES3V0101				
TCES3V0102				
TCES3V0103				
TCES3V0104				
TCES3V0105				
TCES3V0106				
TCES3V0107				
TCES3V0108				
TCES3V0109				
TCES3V0110				
TCES3V0201				
TCES3V0202				
TCES3V0301				
TCES3V0302				
TCES3V0303				
TCES3V0304				
TCES3V0305				
TCES3V0306				
TCES3V0307				
TCES3V0401				
TCES3V0402				
TCES3V0501				
TCES3V0502				
TCES3V0601				
TCES3C0301				
TCES3C0302				
TCES3C0303				
TCES3E0801				
TCES3E0802				
TCES3E0803				
TCES3E0804				
TCES3E1001				
TCES3E1002				
(continued)				

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<sup>6)</sup> Enter an observation or a reference to any relevant observations made in clause C.7 of this report.

TC Name	Selected [Yes/No]	Run [Yes/No]	Verdict [P/F/I]	Observations <sup>7)</sup>
TCES3E1003				
TCES3E1004				
TCES3E1005				
TCES3E1006				
TCES5V0101				
TCES5V0102				
TCES5V0103				
TCES5V0104				
TCES5V0201				
TCES5V0202				
TCES5V0301				
TCES5V0302				
TCES5V0303				
TCES5V0401				
TCES5V0402				
TCES5V0403				
TCES5V0404				
TCES5V0501				
TCES5V0502				
TCES5V0503				
TCES5V0504				
TCES5V0601				
TCES5V0602				
TCES5V0603				
TCES5V0604				
TCES5V0605				
TCES5V0701				
TCES5V0702				
TCES5V0703				
TCES5V0704				
TCES5V0901				
TCES5V1001				
TCES5V1002				
TCES4E0801				
TCES6N0801				
TCES6N0802	NO			CTP005
TCES6N0803	NO			CTP005
TCES6N0804				
TCES6N0805				
TCES6N0806				
TCES6N0807				
TCES6N0808				
TCES6N0809				
TCES6N0810				
TCES6N1101				
(continued)				

TC Name	Selected [Yes/No]	Run [Yes/No]	Verdict [P/F/I]	Observations <sup>8)</sup>
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<sup>7)</sup> Enter an observation or a reference to any relevant observations made in clause C.7 of this report.

TCES6N1102				
TCES6N1103	NO			CTP006
TCES6N1104				
TCES6N1105	NO			CTP006
TCES6N1106	NO			CTP006
TCES6N1201	NO			CTP007
TCES6N1202	NO			CTP007
TCES6N1301	NO			CTP009
TCES6N1302	NO			CTP010
TCES6L1201				
TCES6L1301	NO			CTP009
TCES6L1302	NO			CTP010
TCELCO01				
TCELCO02				
TCELCO03				
TCELCO04				
TCELPB01				
TCELPB02				
TCELPB03				
TCELPB04				
TCELPB05				
TCELPB06				
TCELPB07				
TCELPB08				
TCELPB09				
TCELPB10				
TCELPB11				
TCELFL01				
TCELFL02				
TCELFL03				
TCELFL04				
TCELFL05				
TCELLB01				
TCELLB02				
TCELLB03				
TCELIS01				
CTP001				
CTP002				
CTP003				
CTP004				
CTP005				
CTP006				
CTP007				
CTP008				
CTP009				
CTP010				
CTP011				

### C.7 Observations

*Additional information relevant to the technical content of the PCTR may be given here.*

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8) Enter an observation or a reference to any relevant observations made in clause C.7 of this report.

## Annex D (normative): System Conformance Test Report proforma (SCTR)

Notwithstanding the provisions of the copyright clause related to the text of this I-ETS, ETSI grants that users of this I-ETS may freely reproduce the SCTR proforma in this annex so that it can be used for its intended purposes and may further publish the completed SCTR.

### D.1 Identification summary

#### D.1.1 System Conformance Test Report

SCTR Number	
SCTR Date	
Test Laboratory Manager	
Signature	

#### D.1.2 Test Laboratory

Identification	
Address	
Postal code/city	
Country	
Telephone	
Telefax	
Telex	
Teletex	
E-Mail	

#### D.1.3 Client

Identification	
Address	
Postal code/city	
Country	
Telephone	
Telefax	
Telex	
Teletex	
E-Mail	

#### D.1.4 SUT

Name	
Version	
Supplier	
Dates of testing	
Date of receipt of SUT	
Location of SUT for Testing	
SCS Identifier	

**D.1.5 Profile**

Profile Identification	EUROFILE profile (ETS 300 383) [1]
Profile Version	
Profile ICS	I-ETS 300 490-1 [3]
Profile Specific IXIT	I-ETS 300 490-3
PTS-Summary	I-ETS 300 490-2 [2]
PSTS	I-ETS 300 490-3

**D.1.6 Nature of conformance testing**

The purpose of conformance testing is to increase the probability that different implementations can interwork. However, the complexity of Open Systems Interconnect (OSI) protocols makes exhaustive testing impractical on both technical and economic grounds. Furthermore, there is no guarantee that a SUT which has passed all the relevant Test Cases conforms to a specification. Neither is there any guarantee that such an SUT will interwork with other real open systems. Rather, the passing of the Test Cases gives confidence that the SUT has the stated capabilities and that its behaviour conforms consistently in representative instances of communication.

**D.1.7 Limits and reservations**

The test results presented in this test report apply only to the particular SUT and component IUTs declared in subclauses D.1.4 and D.1.8, for the functionality described in the referenced System Conformance Statement (SCS) and in the ICS referenced in each PCTR, as presented for test in the period declared in clause 1.4 and configured as declared in the relevant IXIT referenced in each PCTR. This SCTR may not be reproduced except in full together with its SCS.

*Additional information relevant to the technical contents or further use of the test report, or to the rights and obligations of the test laboratory and the client, may be given here. Such information may include restrictions on the publication of the report.*

**D.1.8 Record of agreement**

A definition of what parts of the SUT were considered to be the IUT during testing, and of the ATM and ATS that were used:

IUT Definition Reference	Protocol/Profile	ATM	ATS
2.1	ETS 300 079 [10]	Remote Single Layer	I-ETS 300 236 [11]
2.2	ETS 300 075 [13]	Remote Multi Layer	I-ETS 300 491-3 [9]
2.3	ETS 300 383 [1]	Remote Multi Layer	I-ETS 300 490-3

**D.1.9 Comments**

*Additional comments may be given by either the client or test laboratory on any of the contents of the SCTR, for example, to note disagreement between the two parties.*

Additional comments in annex: <Reference to additional comments>



## D.2 System Report Summary

### D.2.1 Profile Testing Summary for ETS 300 080

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 080 [8]
ICS	ETS 300 080 [8]
IXIT	
PCTR Number	
PCTR Date	
PSTS	
ATM	-
Means of Testing identifier	
Conformance Status	
Static conformance errors	Yes / No
Dynamic conformance errors	Yes / No
Test Cases all	
Selected	
Run	
Passed	
Inconclusive	
Failed	
Observations	

*If the SUT is not statically and dynamically conforming for this protocol, an additional summary may be given on aspect of non conformance. Any difficulties encountered may be reported here.*

## D.2.2 Protocol SBV layer testing

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 079 [10]
ICS	
IXIT	
PCTR Number	
PCTR Date	
ATS specification	I-ETS 300 236 [11]
ATM	Remote Single Layer Test Method
Means of Testing identifier	
Conformance Status	
Static conformance errors	Yes / No
Dynamic conformance errors	Yes / No
Test Cases all	
Selected	
Run	
Passed	
Inconclusive	
Failed	
Observations	

*If the SUT is not statically and dynamically conforming for this protocol, an additional summary may be given on aspect of non conformance. Any difficulties encountered may be reported here.*

**D.2.3 Protocol Layer Testing Summary for ETS 300 075 restricted to ETS 300 383**

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 075 [13] restricted to ETS 300 383 [1]
ICS	
IXIT	
PCTR Number	
PCTR Date	
ATS specification	I-ETS 300 491-3 [9]
ATM	Remote Multi Layer Test Method
Means of Testing identifier	
Conformance Status	
Static conformance errors	Yes / No
Dynamic conformance errors	Yes / No
Test Cases all	
Selected	
Run	
Passed	
Inconclusive	
Failed	
Observations	

*If the SUT is not statically and dynamically conforming for this protocol, an additional summary may be given on aspect of non conformance. Any difficulties encountered may be reported here.*

## D.2.4 Profile Testing Summary for ETS 300 383

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 383 [1]
ICS	I-ETS 300 490-1 [3]
IXIT	I-ETS 300 490-3
PCTR Number	
PCTR Date	
ATS specification	I-ETS 300 490-3
ATM	Remote Multi Layer Test Method
Means of Testing identifier	
Conformance Status	
Static conformance errors	Yes / No
Dynamic conformance errors	Yes / No
Test Cases all	
Selected	
Run	
Passed	
Inconclusive	
Failed	
Observations	

*If the SUT is not statically and dynamically conforming for this protocol, an additional summary may be given on aspect of non conformance. Any difficulties encountered may be reported here.*

## Annex E (normative): System Conformance Statement proforma (SCS)

Notwithstanding the provisions of the copyright clause related to the text of this I-ETS, ETSI grants that users of this I-ETS may freely reproduce the SCS proforma in this annex so that it can be used for its intended purposes and may further publish the completed SCS.

### E.1 Identification summary

#### E.1.1 SCS Identification

SCS Serial Number	
SCS Date	

#### E.1.2 IUT Identification

Trade Name	
Type	
Version	
Serial Number	

#### E.1.3 Client Identification

Company	
Street Number	
Postal Code / City	
Country	
Contact Person Name	
Telephone	
Telefax	
Telex	
Teletex	
E-Mail	

#### E.1.4 Supplier Identification

Company	
Street Number	
Postal Code / City	
Country	
Contact Person Name	
Telephone	
Telefax	
Telex	
Teletex	
E-Mail	

**E.1.5 Manufacturer Identification** *(if different from client)*

Company	
Street Number	
Postal Code / City	
Country	
Contact Person Name	
Telephone	
Telefax	
Telex	
Teletex	
E-Mail	

**E.1.6 Protocols Identification**

Protocol Name	Specification Reference	PICS Reference	PCTR Reference	PCTR Reference from previous campaign
File transfer	ETS 300 075 [13]		-	
SBV layer	ETS 300 079 [10]			

**E.1.7 Profile Identification**

Profile Identifier	Specification Reference	Profile ICS Specific Reference	SCTR Reference	SCTR reference from previous campaign
ISDN lower layer protocols for telematic terminals	ETS 300 080 [8]	ETS 300 080 [8]		
EUROFILE transfer	ETS 300 383 [1]	I-ETS 300 490-1 [3]	I-ETS 300 490-3	

**E.2 Miscellaneous System Information****E.2.1 Configuration**

Environment	Which one?
CPU Type	
Bus-System	
Operating System Name	
Additional	

**E.2.2 Other Information**

## Annex F (informative): EUROFILE profile (ETS 300 383) Conformance Test Cases count

The first question people ask is: "How many Test Cases are described?" In order to save time this annex gives an answer to this question.

**Table F.1: Count of EUROFILE profile Conformance Test Cases**

Test group	Count
All Test Cases	415
Profile specific Test Cases	215
Master Test Cases	72
Slave Test Cases	108
Local Test Cases	24
Combined Test Cases	11
Selected ETS 300 075 Test Cases	159
Master Test Cases	82
Slave Test Cases	77
Selected SBV layer Test Cases	28
Capability tests initiator	1
Valid behaviour tests	20
Invalid behaviour tests	7

## **Annex G (informative): Bibliography**

For the purposes of this part of the I-ETS, the following informative references have been used:

- ISO/IEC 9646-1 (1994): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 1: General concepts".
- ISO/IEC 9646-2 (1994): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 2: Abstract Test Suite specification".
- ISO/IEC 9646-4 (1992): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 4: Test realization".
- ISO/IEC 9646-6 (1994): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 6: Protocol Profile Test Specification".
- ISO/IEC DIS 9646-7 (1993): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statements".
- I-ETS 300 491-1 (1996): "Terminal Equipment (TE); Conformance testing for file transfer over the Integrated services Digital Network (ISDN); Part 1: ETS 300 075 Protocol Implementation Conformance Statement (PICS) proforma".



## History

Document history			
August 1995	Public Enquiry	PE 89:	1995-08-07 to 1995-12-01
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