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**Terminal Equipment (TE);
Conformance testing for file transfer over
the Integrated Services Digital Network (ISDN);
Part 2: Profile Specific Test Specification (PSTS) for
the FTAM profile (ETS 300 388)**

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Contents

Foreword	7
1 Scope	9
2 Normative references	9
3 Definitions, abbreviations and conventions	10
3.1 Definitions	10
3.2 Abbreviations	10
3.3 Conventions	11
4 General	11
5 Abstract Test Method (ATM)	11
6 Test requirements	11
6.1 General requirements	11
6.2 Low layer requirements	12
6.3 Additional requirements	12
7 Profile Specific Test Specification	12
7.1 Relevant Test Cases from basic FTAM ISO/IEC 8571 AFT11 Initiator	12
7.1.1 Capability Test Cases	13
7.1.2 Valid behaviour Test Cases	14
7.1.3 Inopportune behaviour Test Cases	17
7.1.4 Invalid behaviour Test Cases	18
7.2 Relevant Test Cases from basic FTAM ISO/IEC 8571 AFT11 responder	19
7.2.1 Capability Test Cases	20
7.2.2 Valid behaviour Test Cases	21
7.2.3 Invalid behaviour Test Cases	24
7.3 Relevant Test Cases from full FTAM ISO/IEC 8571 AFT11 restart and recovery	25
7.3.1 Capability Test Cases initiator	25
7.3.2 Valid behaviour Test Cases initiator	26
7.3.3 Invalid behaviour Test Cases initiator	27
7.3.4 Capability Test Cases responder	27
7.3.5 Valid behaviour Test Cases responder	28
7.3.6 Inopportune behaviour Test Cases responder	29
7.3.7 Invalid behaviour Test Cases responder	29
7.4 Relevant Test Cases from full FTAM ISO/IEC 8571 AFT3 Management	29
7.4.1 Capability Test Cases initiator	29
7.4.2 Valid behaviour Test Cases initiator	30
7.4.3 Invalid behaviour Test Cases initiator	31
7.4.4 Capability Test Cases responder	31
7.4.5 Valid behaviour Test Cases responder	32
7.4.6 Invalid behaviour Test Cases responder	33
7.4.7 Inopportune behaviour Test Cases responder	33
7.5 Relevant Test Cases from ACSE	33
7.5.1 Valid behaviour Test Cases	34
7.5.2 Invalid behaviour Test Cases	34
7.6 Relevant Test Cases from the presentation layer	34
7.6.1 Interoperability Test Cases- initiator	35
7.6.2 Capability Test Cases - initiator	35
7.6.3 Valid behaviour Test Cases - initiator	35
7.6.4 Invalid behaviour Test Cases - initiator	36
7.6.5 Interoperability Test Cases - responder	36
7.6.6 Capability Test Cases - responder	36
7.6.7 Valid behaviour Test Cases- responder	37

7.6.8	Invalid behaviour Test Cases - responder	38
7.7	Relevant Test Cases from the session layer.....	38
7.7.1	Capability Test Cases - initiator	39
7.7.2	Valid behaviour Test Cases - initiator	40
7.7.3	Inopportune behaviour tests - Initiator	41
7.7.4	Capability Test Cases - responder	43
7.7.5	Valid behaviour Test Cases- responder	43
7.7.6	Invalid behaviour Test Cases - responder	44
8	Profile specific conformance tests.....	45
8.1	Test Suite Structure and Test Purposes (TSS&TP).....	45
8.1.1	Test Suite Structure (TSS)	45
8.1.2	Additional Test Purposes.....	45
8.1.3	Test Cases to Test Purposes selection and mapping	45
Annex A (normative):	Abstract Test Suite (ATS)	46
A.1	The TTCN Graphical form (TTCN.GR)	46
A.2	The TTCN Machine Processable form (TTCN.MP)	46
Annex B (normative):	Profile specific IXIT proforma for ETS 300 388	47
B.1	Identification summary.....	47
B.1.1	Protocol IXIT	47
B.1.2	Profile specific test suite summary.....	47
B.1.3	Test laboratory	48
B.1.4	Client	49
B.1.5	SUT	50
B.1.6	Ancillary protocols	50
B.2	Profile information for ETS 300 388	51
B.2.1	Profile specific information	51
B.2.2	IUT information.....	51
B.2.2.1	Addresses.....	51
B.2.2.2	Procedural information.....	51
B.2.3	Virtual file store information tester side.....	51
B.2.3.1	FILE #1	52
B.2.3.2	FILE #2	54
B.2.3.3	FILE #3	55
Annex C (normative):	Protocol Conformance Test Report proforma (PCTR)	57
C.1	Identification summary.....	57
C.1.1	Profile Conformance Test Report	57
C.1.2	IUT.....	57
C.1.3	Testing environment.....	57
C.1.4	Limits and reservations	57
C.1.5	Comments.....	58
C.2	IUT conformance status	58
C.3	Static conformance summary	58
C.4	Dynamic conformance summary.....	58
C.5	Static conformance review report	58
C.6	Test campaign report.....	58
C.7	Observations.....	58
Annex D (normative):	System Conformance Test Report proforma (SCTR)	59

D.1	Identification summary	59
D.1.1	System conformance test report.....	59
D.1.2	Test laboratory	59
D.1.3	Client.....	59
D.1.4	SUT.....	59
D.1.5	Profile.....	60
D.1.6	Nature of conformance testing.....	60
D.1.7	Limits and reservations.....	60
D.1.8	Record of agreement.....	60
D.1.9	Comments	61
D.2	System report summary	62
D.2.1	Profile testing summary for ETS 300 388.....	62
D.2.2	Profile testing summary for ETS 300 080.....	63
D.2.3	Protocol layer testing summary for basic FTAM ISO/IEC 8571 AFT 11 Initiator	64
D.2.4	Protocol layer testing summary for basic FTAM ISO/IEC 8571 AFT 11 Responder	65
D.2.5	Protocol layer testing summary for Full FTAM ISO/IEC 8571 AFT 11 Initiator.....	66
D.2.6	Protocol layer testing summary for Full FTAM ISO/IEC 8571 AFT 11 Responder.....	67
D.2.7	Protocol layer testing summary for full FTAM ISO/IEC 8571 AFT 11 restart and recovery	68
D.2.8	Protocol layer testing summary for full FTAM ISO/IEC 8571 AFT 3 management.....	69
D.2.9	Protocol layer testing summary for ACSE.....	70
D.2.10	Protocol layer testing summary for presentation	71
D.2.11	Protocol layer testing summary for session	72
Annex E (normative):	System Conformance Statement proforma (SCS).....	73
E.1	Identification summary	73
E.1.1	SCS identification.....	73
E.1.2	IUT identification	73
E.1.3	Client identification.....	73
E.1.4	Supplier identification	73
E.1.5	Manufacturer identification (<i>if different from client</i>).....	74
E.1.6	Protocols identification	74
E.1.7	Profile identification.....	74
E.2	Miscellaneous system information	75
E.2.1	Configuration.....	75
E.2.2	Other information	75
Annex F (informative):	FTAM profile conformance Test Cases count.....	76
History.....		77

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Foreword

Part 2 of this final draft Interim European Telecommunication Standard (I-ETS) has been produced by the Terminal Equipment Technical (TE) Committee of the European Telecommunications Standards Institute (ETSI), and is now submitted for the Voting phase of the ETSI standards approval procedure.

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 second part of an I-ETS which comprises of two parts as follows:

"Terminal Equipment (TE); Conformance testing for file transfer over the Integrated Services Digital Network (ISDN);

Part 1: Profile Test Specification Summary (PTS-Summary) for the FTAM profile (ETS 300 388);

Part 2: Profile Specific Test Specification (PSTS) for the FTAM profile (ETS 300 388)".

Proposed announcement date	
Date of latest announcement of this I-ETS (doa):	3 months after ETSI publication

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1 Scope

Part 2 of this draft Interim European Telecommunication Standard (I-ETS) provides the Profile Specific Test Specification (PSTS) for ETS 300 388 [1]. It is compatible with the PSTS developed firstly under the CTS projects and finally updated and published by the European Workshop for Open Systems (EWOS). The minor additions to the Test Cases and the Tree and Tabular Combined Notation (TTCN) for these is contained in annex A. The remainder of the Test Cases references EWOS ED 88 [4].

The PSTS follows the recommendations of ISO/IEC 9646-6 [2] and ETS 300 406 [3]. The base standard is ISO/IEC 8571 [9]. The work follows ISO/IEC ISP 10607, part 3 [7] and part 6 [8]. These ISPs are referenced in ISO/IEC TR 10000-2 [16] as AFT 11 and AFT 3 respectively.

2 Normative references

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 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 300 388 (1995): "Integrated Services Digital Network (ISDN); File Transfer and Access Management (FTAM) over ISDN based on simple file transfer protocol".
- [2] ISO/IEC 9646, parts 1 to 7 (1994): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework".
- [3] ETS 300 406 (1995): "Methods for Testing and Specification (MTS); Protocol and profile conformance testing specifications; Standardization methodology".
- [4] EWOS ED 88 (1994): "EWOS/CTS FTAM Abstract Test Suite, (Binders 0 to 12)".
- [5] ISO/IEC ISP 10607-2 (1990): "Information technology - International Standardized Profiles AFTnn - File Transfer, Access and Management - Part 2: Definition of document types, constraint sets and syntaxes".
- [6] ISO/IEC ISP 10607-2(a), Addendum 1 (1991): "Information technology - International Standardized Profiles AFTnn - File Transfer, Access and Management - Additional definitions".
- [7] ISO/IEC ISP 10607-3 (1990): "Information technology - International Standardized Profiles AFTnn - File Transfer, Access and Management - Part 3: AFT11 - Simple File Transfer Service (unstructured)".
- [8] ISO/IEC ISP 10607-6 (1991): "Information technology - International Standardized Profiles AFTnn - File Transfer, Access and Management - Part 6: AFT3 - File Management Service".
- [9] ISO/IEC 8571, Parts 1 to 5: "Information processing systems - Open Systems Interconnection - File Transfer, Access and Management -

Part 1: General introduction;

Part 2: Virtual Filestore definition;

Part 3: File Service definition;

Part 4: File Protocol specification;

Part 5: Protocol Implementation Conformance Statement Proforma 3".

- [10] ETS 300 080 (1992): "Integrated Services Digital Network (ISDN); ISDN lower layer protocols for telematic terminals".
- [11] ISO 8649 (X.217) (1988): "Information processing systems - Open Systems Interconnection - Service definition for the association control service element".
- [12] ISO 8650 (X.227) (1988): "Connection-oriented protocol specification for the association control service-element".
- [13] ISO/IEC 8822 (X.216): "Information technology - Open Systems Interconnection - Presentation service definition".
- [14] ISO/IEC 8823-1 (X.226): "Information technology - Open Systems Interconnection - Connection oriented presentation protocol: Protocol specification".
- [15] ISO 8327 (X.225): "Information processing systems - Open Systems Interconnection - Basic connection oriented session protocol specification".
- [16] ISO/IEC TR 10000-2 (1994): "Information technology - Framework and taxonomy of International Standardized Profiles - Part 2: Principles and Taxonomy for OSI Profiles".
- [17] ISO/IEC 10170-1 (1993): "Information technology - Open Systems Interconnection - Conformance test suite for the FTAM Protocol - Part 1: Test suite structure and test purposes".

3 Definitions, abbreviations and conventions

3.1 Definitions

For the purposes of this part of the I-ETS, the definitions given in ISO/IEC 9646, parts 1 to 7 [2], ISO/IEC 8571 [9], ETS 300 388 [1] and ISO/IEC ISP 10607, parts 2, 2a, 3 and 6 ([5], [6], [7] and [8]) apply.

3.2 Abbreviations

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

ACSE	Association Control Service Element
AFT	Application File Transfer profile
ATC	Abstract Test Case
ASN.1	Abstract Syntax Notation One
ATM	Abstract Test Method
ATS	Abstract Test Suite
e	extended subset
EWOS	European Workshop for Open Systems
FTAM	File Transfer Access and Management
ICS	Implementation Conformance Statement
ISDN	Integrated Services Digital Network
ISP	International Standardized Profile
ISPICS	ISP Implementation Conformance Statement
IUT	Implementation Under Test
IXIT	Implementation eXtra Information for Testing
MTS	Methods for Testing and Specification
PCO	Point of Control and Observation
PCTR	Protocol Conformance Test Report
PDU	Protocol Data Unit
Profile ICS	Profile Implementation Conformance Statement
PSTS	Profile Specific Test Specification
s	selected subset
SCS	System Conformance Statement
SUT	System Under Test

TE	Terminal Equipment
TSAP	Transport Service Access Point
TTCN	Tree and Tabular Combined Notation

Along with the abbreviations of ISO/IEC 10170-1 [17].

3.3 Conventions

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

The names of Abstract Test Cases (ATC) are generally derived directly from the relevant Test Purpose where there is a one to one mapping. There is, in addition, a prefix to indicate the Abstract Test Suite (ATS) name and whether the tests are for the Initiator or Responder case.

EXAMPLE 1: A111_I_CA_KE_1.

However, especially in cases where several parameters on a single Protocol Data Unit (PDU) are being tested by a series of Test Purposes, these can all be combined or "summarised" by a single ATC. The name of that ATC reflects this by the use of "SUM" as the final part of the name.

EXAMPLE 2: A111_R_BV_PV_RD_OP_CC_SUM_1.

4 General

This I-ETS describes all the aspects of testing, directly or by reference to EWOS ED 88 [4].

5 Abstract Test Method (ATM)

The FTAM conformance tests use the remote single layer Abstract Test Method (ATM), whilst the testing for Session and Presentation uses the remote embedded single layer ATM.

6 Test requirements

6.1 General requirements

For this conformance test specification, any requirements to carry out the tests are specified.

To realise this conformance test specification it shall be necessary that all the lower layers are operating correctly. For this reason, the lower layers shall be checked before by any relevant conformance test specifications.

This test specification does not deal with the details of the human interface. Only PDUs and Parameters are observed and are controlled at the Point of Control and Observation (PCO).

The relevant conformance test specifications are identified in figure 1.

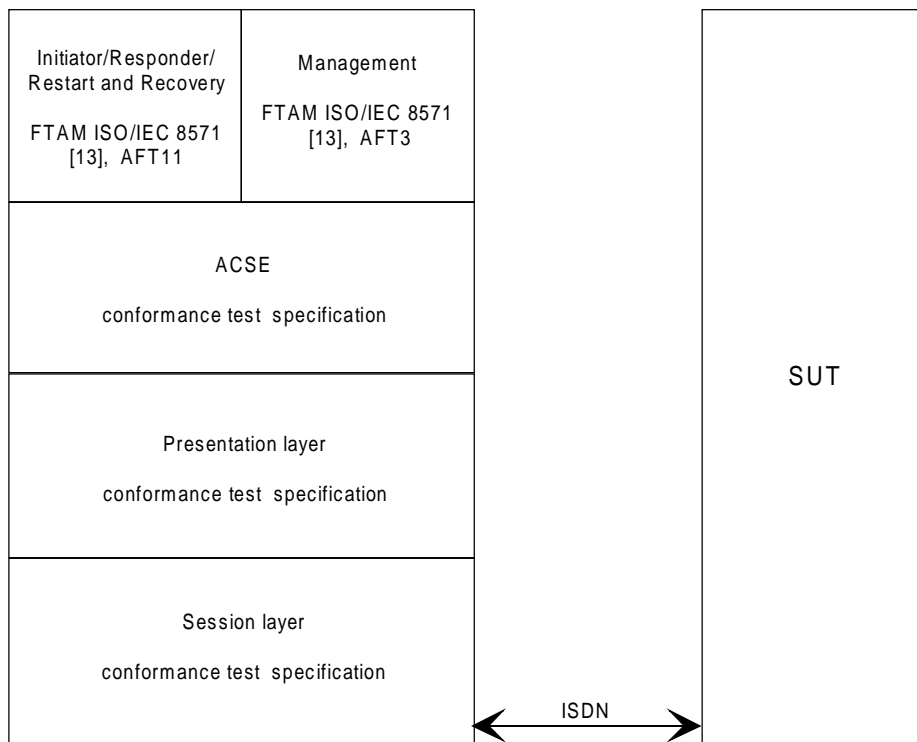


Figure 1: Relevant conformance tests specifications

6.2 Low layer requirements

Clause 10 of ETS 300 388 [1] shall apply without any additional rules.

6.3 Additional requirements

Two additional documents exist in the EWOS specifications. The first is called Initiator actions and defines the requirements on an Initiator Implementation Under Test (IUT) in order to drive the tests. The second is the Naming conventions used, where these go beyond ISO/IEC 10170-1 [17]. The relevant ones are described in subclause 3.2.

In order to ensure that directories can be read two new Test Cases have been developed. These are based on existing Test Purposes for capability tests but use NBS-9 document type.

7 Profile Specific Test Specification

An implementation claiming basic conformance shall be capable of performing all the AFT 11 Initiator and Responder Test Cases listed below. An implementation claiming full conformance shall be capable of performing all the Test Cases listed below.

However, since this profile is designed for small terminals, in order to reduce testing time, a recommended subset of the FTAM specific tests has been selected. These are indicated by "s" (selected subset) for the basic tests and "e" (extended subset) for full tests. It is believed that these subsets will give adequate coverage as at least one test has been selected in each test group. Those not selected are in general only minor variants of parameters.

7.1 Relevant Test Cases from basic FTAM ISO/IEC 8571 AFT11 Initiator

The list of Test Cases used for the FTAM profile conformance test specification are described in ISO/IEC 8571 [9], basic FTAM AFT 11 Initiator (EWOS ED 88 [4] - Binder 1).

This I-ETS describes all references used for testing the FTAM Simple File Transfer profile (ETS 300 388 [1]).

7.1.1 Capability Test Cases

Table 1: Basic FTAM ISO/IEC 8571, AFT11 initiator capability Test Cases

Test Case identifier	Notes
AFT11_I_CA_KE_1	S
AFT11_I_CA_SUM_0	S
AFT11_I_CA_KE_3	S
AFT11_I_SUM_1	S
AFT11_I_CA_KE_5	S
AFT11_I_CA_KE_6	S
AFT11_I_CA_RD_1	S
AFT11_I_CA_RD_2	S
AFT11_I_SUM_6	S
AFT11_I_SUM_8	S
AFT11_I_CA_WR_1	S
AFT11_I_CA_WR_2	S
AFT11_I_SUM_10	S
AFT11_I_SUM_11	S
AFT11_I_CA_WR_6	S
AFT11_I_CA_WR_7	S
AFT11_I_SUM_50	S
AFT11_I_CA_LM_2	S
AFT11_I_SUM_20	S

7.1.2 Valid behaviour Test Cases

Table 2: Basic FTAM ISO/IEC 8571, AFT11 initiator valid behaviour Test Cases

Test Case identifier	Notes
AFT11_I_BV_PI_KE_CE_1	S
AFT11_I_BV_PI_KE_CE_3	S
AFT11_I_BV_PI_KE_CE_4	S
AFT11_I_BV_PI_KE_AB_I_PAB_1	
AFT11_I_BV_PI_KE_AB_I_PAB_11	S
AFT11_I_BV_PI_KE_AB_I_PAB_19	
AFT11_I_BV_PI_KE_AB_I_PAB_23	
AFT11_I_BV_PI_KE_AB_I_PAB_25	
AFT11_I_BV_PI_KE_AB_I_PAB_30	
AFT11_I_BV_PI_KE_AB_I_PAB_32	
AFT11_I_BV_PI_KE_AB_I_PAB_33	
AFT11_I_BV_PI_KE_AB_R_UAB_1	S
AFT11_I_BV_PI_KE_AB_R_UAB_11	S
AFT11_I_BV_PI_KE_AB_R_UAB_19	S
AFT11_I_BV_PI_KE_AB_R_UAB_23	
AFT11_I_BV_PI_KE_AB_R_UAB_25	
AFT11_I_BV_PI_KE_AB_R_UAB_30	
AFT11_I_BV_PI_KE_AB_R_UAB_32	
AFT11_I_BV_PI_KE_AB_R_UAB_33	S
AFT11_I_BV_PI_KE_AB_R_PAB_1	S
AFT11_I_BV_PI_KE_AB_R_PAB_11	
AFT11_I_BV_PI_KE_AB_R_PAB_19	
AFT11_I_BV_PI_KE_AB_R_PAB_23	
AFT11_I_BV_PI_KE_AB_R_PAB_25	S
AFT11_I_BV_PI_KE_AB_R_PAB_30	
AFT11_I_BV_PI_KE_AB_R_PAB_32	
AFT11_I_BV_PI_KE_AB_R_PAB_33	
AFT11_I_BV_PI_RD_TRE_1	S
AFT11_I_BV_SUM_35	S
AFT11_I_BV_PI_WR_DTE_1	S
AFT11_I_BV_PI_WR_TRE_1	S
AFT11_I_BV_SUM_44	S
AFT11_I_BV_PI_GP_FT_GAPOS_1	S
AFT11_I_BV_PI_GP_FT_GAPOS_2	S
AFT11_I_BV_PI_GP_FT_GAPOS_3	S
AFT11_I_BV_PI_GP_FT_GAPOS_4	
AFT11_I_BV_PI_GP_FT_GBPOS_1	S
AFT11_I_BV_PI_GP_FT_GBPOS_2	S
AFT11_I_BV_PI_GP_FT_GBPOS_3	
AFT11_I_BV_PI_GP_FT_GBPOS_4	
AFT11_I_BV_PI_GP_FT_GANEG_1	S
AFT11_I_BV_PI_GP_FT_GANEG_2	
AFT11_I_BV_PI_GP_FT_GANEG_3	S
	(continued)

Table 2 (continued): Basic FTAM ISO/IEC 8571, AFT11 initiator valid behaviour Test Cases

Test Case identifier	Notes
AFT11_I_BV_PI_GP_FT_GANEG_4	
AFT11_I_BV_PI_GP_FT_GANEG_5	s
AFT11_I_BV_PI_GP_FT_GANEG_6	
AFT11_I_BV_PI_GP_FT_GANEG_7	s
AFT11_I_BV_PI_GP_FT_GANEG_8	
AFT11_I_BV_PV_KE_CE_SUM_21	s
AFT11_I_BV_PV_KE_CE_SUM_22	s
AFT11_I_BV_PV_KE_CE_SUM_23	s
AFT11_I_BV_PV_KE_CE_AR_3	s
AFT11_I_BV_PV_KE_CE_SC_6	
AFT11_I_BV_PV_KE_CE_FU_3	s
AFT11_I_BV_PV_KE_CE_AG_1	s
AFT11_I_BV_PV_KE_CE_AG_2	
AFT11_I_BV_PV_KE_CE_AG_3	s
AFT11_I_BV_PV_KE_CE_AG_4	
AFT11_I_BV_PV_KE_CE_CTL_2	s
AFT11_I_BV_PV_KE_CE_CTL_3	
AFT11_I_BV_SUM_2	s
AFT11_I_BV_PV_KE_SL_SUM_24	s
AFT11_I_BV_SUM_3	s
AFT11_I_BV_PV_KE_SL_AR_3	
AFT11_I_BV_PV_KE_SL_AT_2	
AFT11_I_BV_SUM_4	s
AFT11_I_BV_PV_KE_DS_SUM_25	s
AFT11_I_BV_PV_KE_DS_AR_3	
AFT11_I_BV_PV_KE_DS_AR_4	s
AFT11_I_BV_PV_KE_DS_CH_2	
AFT11_I_BV_PV_KE_DS_CH_3	
AFT11_I_BV_PV_KE_TR_CH_2	
AFT11_I_BV_SUM_5	s
AFT11_I_BV_PV_RD_OP_SUM_26	s
AFT11_I_BV_PV_RD_OP_CT_DT_1	s
AFT11_I_BV_PV_RD_OP_CC_NRQ_SUM_27	s
AFT11_I_BV_PV_RD_OP_CC_SH_SUM_28	s
AFT11_I_BV_PV_RD_OP_CC_EX_SUM_29	s
AFT11_I_BV_PV_RD_OP_CC_NAX_SUM_30	s
AFT11_I_BV_SUM_7	s
AFT11_I_BV_PV_RD_DTE_SUM_31	s
AFT11_I_BV_PV_RD_DTE_AR_3	
AFT11_I_BV_PV_RD_DTE_AR_4	s
AFT11_I_BV_PV_RD_TRE_SUM_33	s
AFT11_I_BV_PV_RD_TRE_SUM_32	s
AFT11_I_BV_PV_RD_TRE_AR_3	

(continued)

Table 2 (continued): Basic FTAM ISO/IEC 8571, AFT11 initiator valid behaviour Test Cases

Test Case identifier	Notes
AFT11_I_BV_PV_RD_TRE_AR_4	
AFT11_I_BV_PV_RD_CN_I_SUM_34	S
AFT11_I_BV_PV_RD_CN_I_AR_3	S
AFT11_I_BV_PV_RD_CN_I_AR_4	
AFT11_I_BV_PV_RD_CN_R_SUM_36	S
AFT11_I_BV_PV_RD_CN_R_AR_3	
AFT11_I_BV_PV_RD_CN_R_AR_4	
AFT11_I_BV_SUM_9	S
AFT11_I_BV_PV_WR_OP_SUM_37	S
AFT11_I_BV_PV_WR_OP_CT_DT_1	S
AFT11_I_BV_PV_WR_OP_CC_NRQ_SUM_38	S
AFT11_I_BV_PV_WR_OP_CC_SH_SUM_39	S
AFT11_I_BV_PV_WR_OP_CC_EX_SUM_40	S
AFT11_I_BV_PV_WR_OP_CC_NAX_SUM_41	S
AFT11_I_BV_PV_WR_TRE_SUM_43	S
AFT11_I_BV_PV_WR_TRE_SUM_42	S
AFT11_I_BV_PV_WR_TRE_AR_3	S
AFT11_I_BV_PV_WR_TRE_AR_4	
AFT11_I_BV_PV_WR_CN_I_SUM_45	S
AFT11_I_BV_PV_WR_CN_I_AR_3	
AFT11_I_BV_PV_WR_CN_I_AR_4	
AFT11_I_BV_PV_WR_CN_R_SUM_46	S
AFT11_I_BV_PV_WR_CN_R_AR_3	
AFT11_I_BV_PV_WR_CN_R_AR_4	S
AFT11_I_BV_SUM_16	S
AFT11_I_BV_PV_LM_CR_SUM_49	S
AFT11_I_BV_SUM_17	S
AFT11_I_BV_PV_LM_CR_AR_4	
AFT11_I_BV_PV_LM_CR_IAT_FN_2	S
AFT11_I_BV_PV_LM_CR_IAT_AP_1	
AFT11_I_BV_PV_LM_CR_IAT_AP_3	
AFT11_I_BV_PV_LM_CR_IAT_AP_4	S
AFT11_I_BV_PV_LM_CR_IAT_AP_6	
AFT11_I_BV_PV_LM_CR_IAT_AP_8	S
AFT11_I_BV_PV_LM_CR_IAT_CTA_DT_1	S
AFT11_I_BV_PV_LM_CR_IAT_CTA_DT_2	S
AFT11_I_BV_PV_LM_CR_IAT_SUM_51	S
AFT11_I_BV_PV_LM_CR_IAT_SA_2	
AFT11_I_BV_PV_LM_CR_IAT_SUM_52	S
AFT11_I_BV_PV_LM_CR_IAT_FAV_2	S
AFT11_I_BV_PV_LM_CR_IAT_FAV_3	
AFT11_I_BV_PV_LM_CR_IAT_FAV_4	
	(continued)

Table 2 (concluded): Basic FTAM ISO/IEC 8571, AFT11 initiator valid behaviour Test Cases

Test Case identifier	Notes
AFT11_I_BV_PV_LM_CR_IAT_FF_2	
AFT11_I_BV_PV_LM_CR_IAT_SUM_53	s
AFT11_I_BV_PV_LM_CR_IAT_SUM_54	s
AFT11_I_BV_SUM_18	s
AFT11_I_BV_PV_LM_DL_SUM_56	s
AFT11_I_BV_PV_LM_DL_AR_3	
AFT11_I_BV_SUM_19	s
AFT11_I_BV_PV_LM_DL_CH_2	s
AFT11_I_BV_PV_LM_RDA_SUM_58	s
AFT11_I_BV_PV_LM_RDA_SUM_57	s
AFT11_I_BV_PV_LM_RDA_AR_3	s
AFT11_I_BV_PV_LM_RDA_AR_4	
AFT11_I_BV_PV_LM_RDA_AT_1	s
AFT11_I_BV_PV_LM_RDA_AT_3	
AFT11_I_BV_PV_LM_RDA_AT_4	
AFT11_I_BV_PV_LM_RDA_AT_5	s
AFT11_I_BV_PV_LM_RDA_AT_6	s
AFT11_I_BV_PV_LM_RDA_AT_7	
AFT11_I_BV_PV_LM_RDA_AT_8	
AFT11_I_BV_PV_LM_RDA_AT_9	
AFT11_I_BV_PV_LM_RDA_AT_10	
AFT11_I_BV_PV_LM_RDA_AT_11	
AFT11_I_BV_PV_LM_RDA_AT_12	s
AFT11_I_BV_PC_KE_SC_FU_FT_1	s
AFT11_I_BV_PC_KE_SC_FU_FT_2	s
AFT11_I_BV_PC_KE_SC_FU_FT_3	s
AFT11_I_BV_PC_KE_SC_FU_FTM_1	s
AFT11_I_BV_PC_KE_SC_FU_FTM_2	s
AFT11_I_BV_PC_KE_SC_FU_FTM_3	s

7.1.3 Inopportune behaviour Test Cases

Table 3: Basic FTAM ISO/IEC 8571, AFT11 initiator inopportune behaviour Test Cases

Test Case identifier	Notes
AFT11_I_BO_INOP_IN_1	s
AFT11_I_BO_INOP_IN_2	s
AFT11_I_BO_INOP_IN_3	s
AFT11_I_BO_INOP_DXI_1	s
AFT11_I_BO_INOP_DXI_2	s
AFT11_I_BO_INOP_RD_4	s
AFT11_I_BO_INOP_WR_4	s
AFT11_I_BO_PI_RD_1	s
AFT11_I_BO_PI_LM_CR_1	s
AFT11_I_BO_PI_LM_CR_2	s

7.1.4 Invalid behaviour Test Cases

Table 4: Basic FTAM ISO/IEC 8571 AFT11 initiator invalid behaviour Test Cases

Test Case identifier	Notes
AFT11_I_BI_PI_GP_1	S
AFT11_I_BI_PV_KE_CE_SR_1	S
AFT11_I_BI_PV_KE_CE_AR_1	
AFT11_I_BI_PV_KE_CE_PVN_1	S
AFT11_I_BI_PV_KE_CE_SC_1	S
AFT11_I_BI_PV_KE_CE_FU_1	S
AFT11_I_BI_PV_KE_CE_FU_2	S
AFT11_I_BI_PV_KE_CE_AG_1	S
AFT11_I_BI_PV_KE_CE_FQS_1	S
AFT11_I_BI_PV_KE_CE_CTL_1	S
AFT11_I_BI_PV_KE_CE_CTL_2	S
AFT11_I_BI_PV_KE_CE_DG_1	
AFT11_I_BI_PV_KE_CE_CW_1	S
AFT11_I_BI_PV_KE_SL_SR_1	
AFT11_I_BI_PV_KE_SL_AR_1	S
AFT11_I_BI_PV_KE_SL_AT_1	S
AFT11_I_BI_PV_KE_SL_DG_1	
AFT11_I_BI_PV_KE_DS_AR_1	
AFT11_I_BI_PV_KE_DS_CH_1	
AFT11_I_BI_PV_KE_DS_CH_2	S
AFT11_I_BI_PV_KE_DS_DG_1	S
AFT11_I_BI_PV_KE_TR_CH_1	S
AFT11_I_BI_PV_KE_AB_UAB_AR_1	S
AFT11_I_BI_PV_KE_AB_UAB_DG_1	
AFT11_I_BI_PV_KE_AB_PAB_AR_1	
AFT11_I_BI_PV_KE_AB_PAB_DG_1	S
AFT11_I_BI_PV_RD_OP_SR_1	S
AFT11_I_BI_PV_RD_OP_AR_1	
AFT11_I_BI_PV_RD_OP_CT_1	S
AFT11_I_BI_PV_RD_OP_CC_1	S
AFT11_I_BI_PV_RD_OP_DG_1	
AFT11_I_BI_PV_RD_DTE_AR_1	S
AFT11_I_BI_PV_RD_DTE_DG_1	
AFT11_I_BI_PV_RD_TRE_AR_1	
AFT11_I_BI_PV_RD_TRE_DG_1	S
AFT11_I_BI_PV_RD_CL_AR_1	S
AFT11_I_BI_PV_RD_CL_DG_1	
AFT11_I_BI_PV_RD_CN_I_AR_1	
AFT11_I_BI_PV_RD_CN_I_DG_1	S
AFT11_I_BI_PV_RD_CN_R_AR_1	S
AFT11_I_BI_PV_RD_CN_R_DG_1	
AFT11_I_BI_PV_WR_OP_SR_1	
(continued)	

Table 4 (concluded): Basic FTAM ISO/IEC 8571 AFT11 initiator invalid behaviour Test Cases

Test Case identifier	Notes
AFT11_I_BI_PV_WR_OP_AR_1	
AFT11_I_BI_PV_WR_OP_CT_1	s
AFT11_I_BI_PV_WR_OP_CC_1	s
AFT11_I_BI_PV_WR_OP_DG_1	
AFT11_I_BI_PV_WR_TRE_AR_1	s
AFT11_I_BI_PV_WR_TRE_DG_1	
AFT11_I_BI_PV_WR_CL_AR_1	
AFT11_I_BI_PV_WR_CL_DG_1	s
AFT11_I_BI_PV_WR_CN_I_AR_1	
AFT11_I_BI_PV_WR_CN_I_DG_1	s
AFT11_I_BI_PV_WR_CN_R_AR_1	s
AFT11_I_BI_PV_WR_CN_R_DG_1	
AFT11_I_BI_PV_LM_CR_SR_1	s
AFT11_I_BI_PV_LM_CR_AR_1	
AFT11_I_BI_PV_LM_CR_IAT_1	s
AFT11_I_BI_PV_LM_CR_IAT_2	s
AFT11_I_BI_PV_LM_CR_DG_1	
AFT11_I_BI_PV_LM_DL_AR_1	s
AFT11_I_BI_PV_LM_DL_CH_1	s
AFT11_I_BI_PV_LM_DL_DG_1	
AFT11_I_BI_PV_LM_RDA_AR_1	
AFT11_I_BI_PV_LM_RDA_AT_1	s
AFT11_I_BI_PV_LM_RDA_DG_1	
AFT11_I_BI_PC_KE_CE_SC_FU_FT_1	s
AFT11_I_BI_PC_KE_CE_SC_FU_FT_2	s
AFT11_I_BI_PC_KE_CE_SC_FU_FTM_1	s
AFT11_I_BI_PC_KE_CE_SC_FU_FTM_2	s
AFT11_I_BI_PC_KE_CE_AG_1	s
AFT11_I_BI_PC_KE_CE_CTL_1	
AFT11_I_BI_PC_KE_CE_CTL_3	s
AFT11_I_BI_PC_KE_CE_CW_1	s
AFT11_I_BI_PC_RD_OP_CT_1	s
AFT11_I_BI_PC_WR_OP_CT_1	s

7.2 Relevant Test Cases from basic FTAM ISO/IEC 8571 AFT11 responder

The list of Test Cases used for the FTAM profile conformance test specification are described in ISO/IEC 8571 [9] basic FTAM AFT 11 Responder (EWOS ED 88 [4] - Binder 2).

This I-ETS describes all references used for testing to the FTAM Simple File Transfer profile (ETS 300 388 [1]).

7.2.1 Capability Test Cases

Table 5: Basic FTAM ISO/IEC 8571, AFT11 responder capability Test Cases

Test Case identifier	Notes
A111_R_CA_KE_1	S
A111_R_CA_KE_2	S
A111_R_CA_KE_3	S
A111_R_CA_KE_5	S
A111_R_CA_KE_6	S
A111_R_CA_KE_7	S
A111_R_CA_RD_1	S
A111_R_CA_RD_2	S
A111_R_CA_RD_3	S
A111_R_CA_RD_4	S
A111_R_CA_WR_4	S
A111_R_CA_WR_6	S
A111_R_CA_WR_7	S
A111_R_CA_LM_1	S
A111_R_CA_LM_2	S
A111_R_CA_LM_3	S

7.2.2 Valid behaviour Test Cases

Table 6: Basic FTAM ISO/IEC 8571, AFT11 responder valid behaviour Test Cases

Test Case identifier	Notes
A111_R_BV_PI_KE_AB_R_UAB_1	s
A111_R_BV_PI_KE_AB_R_UAB_11	s
A111_R_BV_PI_KE_AB_R_UAB_24	s
A111_R_BV_PI_KE_AB_R_UAB_30	s
A111_R_BV_PI_KE_AB_R_PAB_1	s
A111_R_BV_PI_KE_AB_R_PAB_11	s
A111_R_BV_PI_KE_AB_R_PAB_24	s
A111_R_BV_PI_KE_AB_R_PAB_30	s
A111_R_BV_PI_RD_CN_1	s
A111_R_BV_PI_RD_CN_2	s
A111_R_BV_PI_GP_FT_GAPOS_1	s
A111_R_BV_PI_GP_FT_GAPOS_2	s
A111_R_BV_PI_GP_FT_GAPOS_3	s
A111_R_BV_PI_GP_FT_GAPOS_4	s
A111_R_BV_PI_GP_FT_GBPOS_1	s
A111_R_BV_PI_GP_FT_GBPOS_2	s
A111_R_BV_PI_GP_FT_GBPOS_3	s
A111_R_BV_PI_GP_FT_GBPOS_4	
A111_R_BV_PV_KE_CE_PVN_1	
A111_R_BV_PV_KE_CE_SC_1	s
A111_R_BV_PV_KE_CE_SC_6	s
A111_R_BV_PV_KE_CE_FU_1	s
A111_R_BV_PV_KE_CE_FU_2	
A111_R_BV_PV_KE_CE_FU_3	
A111_R_BV_PV_KE_CE_AG_1	
A111_R_BV_PV_KE_CE_AG_2	
A111_R_BV_PV_KE_CE_AG_3	s
A111_R_BV_PV_KE_CE_AG_4	
A111_R_BV_PI_KE_CE_SC_2	
A111_R_BV_PV_KE_CE_FU_4	
A111_R_BV_PI_KE_CE_QOS_1	s
A111_R_BV_PI_KE_CE_FU_1	
A111_R_BV_PV_KE_CE_PVN_3	
A111_R_BV_PV_KE_CE_CTL_1	
A111_R_BV_PV_KE_CE_CTL_2	
A111_R_BV_PV_KE_CE_CTL_3	s
A111_R_BV_PV_KE_CE_CTL_4	
A111_R_BV_PV_KE_SL_RQA_1	
A111_R_BV_PV_KE_SL_RQA_3	s
A111_R_BV_PV_KE_SL_RQA_4	
A111_R_BV_PV_KE_SL_RQA_5	
A111_R_BV_PV_KE_SL_RQA_6	s
(continued)	

Table 6 (continued): Basic FTAM ISO/IEC 8571, AFT11 responder valid behaviour Test Cases

Test Case identifier	Notes
A111_R_BV_PV_KE_SL_RQA_8	S
A111_R_BV_PV_KE_SL_AT_2	S
A111_R_BV_PV_KE_AB_UAB_AR_1	S
A111_R_BV_PV_KE_AB_PAB_AR_1	S
A111_R_BV_PV_WR_OP_SUM_1	S
A111_R_BV_PV_RD_OP_PM_1	
A111_R_BV_PV_RD_OP_PM_2	
A111_R_BV_PV_WR_OP_PM_2	
A111_R_BV_PV_RD_OP_CT_PCTA_DT_1	S
A111_R_BV_PV_RD_OP_CT_PCTA_DT_2	S
A111_R_BV_PV_RD_CL_DG_2	
A111_R_BV_PV_RD_CN_SUM_1	S
A111_R_BV_PV_RD_CN_SUM_2	S
A111_R_BV_PV_WR_OP_CT_PCTA_DT_1	S
A111_R_BV_PV_WR_OP_CT_PCTA_DT_2	S
A111_R_BV_PV_WR_WRB_SUM_1	S
A111_R_BV_PV_WR_WRB_FO_2	S
A111_R_BV_PV_WR_CN_R_SUM_1	S
A111_R_BV_PV_WR_CN_R_DG_2	S
A111_R_BV_PV_LM_CR_SUM_1	S
A111_R_BV_PV_LM_CR_SUM_2	S
A111_R_BV_PV_LM_CR_SUM_3	S
A111_R_BV_PV_LM_CR_CRPW_2	S
A111_R_BV_PV_LM_CR_IAT_AP_SUM_1	S
A111_R_BV_PV_LM_CR_IAT_AP_SUM_2	S
A111_R_BV_PV_LM_CR_IAT_CTA_DT_2	S
A111_R_BV_PV_LM_CR_IAT_CTA_DT_1	S
A111_R_BV_PV_LM_CR_IAT_CTA_DT_3(2a)	
A111_R_BV_PV_LM_CR_IAT_AXCL_3	S
A111_R_BV_PV_LM_CR_IAT_AXCL_1	
A111_R_BV_PV_LM_CR_IAT_AXCL_2	
A111_R_BV_PV_LM_RDA_ATN_KE_1	S
A111_R_BV_PV_LM_RDA_ATN_ST_1	S
A111_R_BV_PV_LM_RDA_ATN_SG_1	
A111_R_BV_PV_LM_RDA_ATN_SUM_1	S
A111_R_BV_PC_KE_CE_SC_FU_FT_1	S
A111_R_BV_PV_KE_SL_SUM_1	S
A111_R_BV_PV_KE_SL_SUM_2	S
A111_R_BV_PV_KE_SL_CC_EX_1	S
A111_R_BV_PV_KE_SL_CC_EX_4	
A111_R_BV_PV_KE_SL_CC_SUM_1	S
A111_R_BV_PV_KE_SL_CC_SUM_2	S
A111_R_BV_PV_KE_SL_CC_SUM_3	S
	(continued)

Table 6 (concluded): Basic FTAM ISO/IEC 8571, AFT11 responder valid behaviour Test Cases

Test Case identifier	Notes
A111_R_BV_PV_RD_OP_CT_PCTA_DT_3	
A111_R_BV_PV_LM_CR_IAT_SUM_1	s
A111_R_BV_PV_LM_CR_IAT_SUM_2	s
A111_R_BV_PV_LM_CR_CC_SUM_1	s
A111_R_BV_PV_RD_OP_CC_SUM_1	s
A111_R_BV_PV_RD_OP_CT_PCTA_DT_4	
A111_R_BV_PV_RD_OP_CT_PCTA_DT_5	s
A111_R_BV_PV_LM_CR_IAT_CTA_DT_4	s
A111_R_BV_PV_LM_CR_IAT_CTA_DT_5	
A111_R_BV_PV_LM_CR_IAT_CTA_DT_6	s
A111_R_BV_PV_LM_CR_IAT_CTA_DT_7	
A111_R_BV_PV_LM_CR_IAT_SUM_3	
A111_R_BV_PV_LM_CR_AXPW_SUM_1	
A111_R_BV_PI_RD_OP_4	s
A111_R_BV_PI_RD_RBD_2	s
A111_R_BV_PI_LM_RDA_2	s
A111_R_BV_PC_LM_CR_RA_1	s
A111_R_BV_PC_KE_SL_1	s
A111_R_BV_PC_RD_OP_PM_2	s
A111_R_BV_VFI_IRG_LM_1	s
A111_R_BV_VFI_IRG_LM_2	
A111_R_BV_VFI_IRG_LM_3	s
A111_R_BV_VFI_IRG_LM_4	
A111_R_BV_VFI_IRG_LM_5	s
A111_R_BV_VFI_IRG_LM_6	
A111_R_BV_VFI_IRG_WR_1	s
A111_R_BV_VFI_IRG_WR_2	
A111_R_BV_VFI_IRG_WR_3	
A111_R_BV_VFI_BRG_RD_4	
A111_R_BV_VFI_BRG_RD_5	
A111_R_BV_VFI_BRG_RD_6	
A111_R_BV_VFI_BRG_RD_7	s
A111_R_BV_VFI_BRG_RD_8	
A111_R_BV_VFI_BRG_WR_6	
A111_R_BV_VFI_BRG_WR_7	
A111_R_BV_VFI_BRG_LM_1	
A111_R_BV_VFI_BRG_LM_3	s
A111_R_BV_VFI_BRG_LM_4	s
A111_R_BV_VFI_BRG_LM_6	

7.2.3 Invalid behaviour Test Cases

Table 7: Basic FTAM ISO/IEC 8571, AFT11 responder invalid behaviour Test Cases

Test Case identifier	Notes
A111_R_BI_PV_KE_SL_2	s
A111_R_BI_PV_KE_SL_CC_1	
A111_R_BI_PV_RD_OP_PM_1a	s
A111_R_BI_PV_RD_OP_CT_1a	s
A111_R_BI_PV_GP_BG_TH_1	s
A111_R_BI_PV_GP_BG_TH_2	
A111_R_BI_PV_RD_OP_PM_1b	
A111_R_BI_PV_RD_RBD_FID_1	s
A111_R_BI_PV_RD_RBD_AXC_1a	
A111_R_BI_PV_RD_RBD_AXC_1b	
A111_R_BI_PV_RD_RBD_AXC_1c	s
A111_R_BI_PV_RD_CN_AR_1	s
A111_R_BI_PV_RD_CN_DG_1a	
A111_R_BI_PV_RD_CN_DG_1b	s
A111_R_BI_PV_WR_WRB_FO_1a	s
A111_R_BI_PV_WR_WRB_FID_1a	
A111_R_BI_PV_WR_WRB_FO_1b	
A111_R_BI_PV_WR_WRB_FID_1b	s
A111_R_BI_PV_LM_CR_OV_1	s
A111_R_BI_PV_LM_CR_IAT_1a	s
A111_R_BI_PV_LM_CR_IAT_1b	s
A111_R_BI_PV_LM_CR_IAT_1c	
A111_R_BI_PV_LM_CR_RA_1	s
A111_R_BI_PC_KE_CE_SC_FU_FT_2	s
A111_R_BI_PC_KE_CE_SC_FU_FT_1	s
A111_R_BI_PV_RD_OP_CT_1b	
A111_R_BI_PV_RD_OP_CT_1c	s
A111_R_BI_PV_RD_CN_DG_1c	
A111_R_BI_PV_KE_SL_AXPW_1	
A111_R_BI_PV_LM_CR_IAT_1d	s
A111_R_BI_PV_LM_CR_IAT_1e	
A111_R_BI_PV_LM_CR_AXPW_1	
A111_R_BI_PV_WR_OP_PM_1	
A111_R_BI_PV_RD_OP_CC_1	
A111_R_BI_PV_LM_CR_OP_CTA_DT_1	s
A111_R_BI_PV_LM_CR_OP_CTA_DT_2	
A111_R_BI_PV_LM_CR_OP_CC_1	
A111_R_BI_PV_OP_WR_1	s
A111_R_BI_PV_WR_DT_1	s
A111_R_BI_PV_WR_DT_2	
A111_R_BI_PV_WR_DT_3	
A111_R_BI_PV_WR_DT_4	s
(continued)	

Table 7 (concluded): Basic FTAM ISO/IEC 8571, AFT11 responder invalid behaviour Test Cases

Test Case identifier	Notes
A111_R_BI_PV_WR_DT_5	s
A111_R_BI_VFI_SL_1	s
A111_R_BI_VFI_SL_2	s
A111_R_BI_VFI_SL_3	
A111_R_BI_VFI_OP_1	s
A111_R_BI_VFI_OP_2	s
A111_R_BI_VFI_OP_3	
A111_R_BI_VFI_OP_4	
A111_R_BI_VFI_CR_1	s
A111_R_BO_PV_LM_CR_IAT_1	s
A111_R_BO_INOP_UG_SL_1	s
A111_R_BO_INOP_DXI_1a	s
A111_R_BO_INOP_DXI_1b	
A111_R_BO_INOP_DXI_5	s
A111_R_BO_INOP_DXI_6	s

7.3 Relevant Test Cases from full FTAM ISO/IEC 8571 AFT11 restart and recovery

The list of Test Cases used for the FTAM profile conformance test specification are described in ISO/IEC 8571 [9] full FTAM AFT 11 Restart and Recovery (EWOS ED 88 [4] - Binder 3).

This I-ETS describes all references used for testing the profile FTAM Simple File Transfer profile (ETS 300 388 [1]).

7.3.1 Capability Test Cases initiator

Table 8: AFT11 restart and recovery capability Test Cases initiator

Test Case identifier	Notes
AFT11RR_I_SUM_1	e
AFT11RR_I_SUM_2	e
AFT11RR_I_SUM_3	e
AFT11RR_I_SUM_4	e
AFT11RR_I_SUM_5	e
AFT11RR_I_SUM_6	e
AFT11RR_I_SUM_7	e
AFT11RR_I_SUM_8	e
AFT11RR_I_SUM_9	e
AFT11RR_I_SUM_10	e
AFT11RR_I_SUM_11	e
AFT11RR_I_SUM_12	e

7.3.2 Valid behaviour Test Cases initiator

Table 9: AFT11 restart and recovery valid behaviour Test Cases initiator

Test Case identifier	Notes
AFT11RR_I_BV_PI_KE_AB_I_PAB_14	e
AFT11RR_I_BV_PI_KE_AB_I_PAB_20	e
AFT11RR_I_BV_PI_KE_AB_I_PAB_27	
AFT11RR_I_BV_PI_KE_AB_R_UAB_14	e
AFT11RR_I_BV_PI_KE_AB_R_UAB_20	
AFT11RR_I_BV_PI_KE_AB_R_UAB_27	e
AFT11RR_I_BV_PI_KE_AB_R_PAB_14	e
AFT11RR_I_BV_PI_KE_AB_R_PAB_20	e
AFT11RR_I_BV_PI_SUM_13	e
AFT11RR_I_BV_PI_WR_CN_4	e
AFT11RR_I_BV_PI_RC_RRC_9	e
AFT11RR_I_BV_PI_RC_RRC_10	
AFT11RR_I_BV_PI_RC_RRC_11	
AFT11RR_I_BV_PI_RC_RRC_12	e
AFT11RR_I_BV_PI_RC_RRC_13	
AFT11RR_I_BV_PI_RC_RRC_14	e
AFT11RR_I_BV_PI_RC_RRC_15	e
AFT11RR_I_BV_PI_RC_RRC_16	
AFT11RR_I_BV_PV_KE_CE_FQS_2	e
AFT11RR_I_BV_PV_KE_CE_FQS_3	
AFT11RR_I_BV_PV_KE_CE_FQS_4	e
AFT11RR_I_BV_PV_RD_OP_RM_2	e
AFT11RR_I_BV_PV_RD_OP_RM_3	
AFT11RR_I_BV_PV_WR_OP_RM_2	
AFT11RR_I_BV_PV_WR_OP_RM_3	e
AFT11RR_I_BV_PV_RC_RRC_SUM_14a	e
AFT11RR_I_BV_PV_RC_RRC_SUM_14b	e
AFT11RR_I_BV_PV_RC_RRC_SUM_15a	e
AFT11RR_I_BV_PV_RC_RRC_SUM_15b	e
AFT11RR_I_BV_PV_RC_RRC_AR_4a	e
AFT11RR_I_BV_PV_RC_RRC_AR_4b	
AFT11RR_I_BV_PV_RC_RRC_DG_2a	
AFT11RR_I_BV_PV_RC_RRC_DG_2b	e
AFT11RR_I_BV_PC_KE_CE_FQS_FU_1	e
AFT11RR_I_BV_PC_KE_CE_FQS_FU_2	
AFT11RR_I_BV_PC_KE_CE_FQS_FU_3	e

7.3.3 Invalid behaviour Test Cases initiator

Table 10: AFT11 restart and recovery invalid behaviour Test Cases initiator

Test Case identifier	Notes
AFT11RR_I_BI_PV_RD_OP_RM_1	e
AFT11RR_I_BI_PV_WR_OP_RM_1	e
AFT11RR_I_BI_PV_RC_CHK_1	e
AFT11RR_I_BI_PV_RC_CHK_2	e
AFT11RR_I_BI_PV_RC_CHK_3	e
AFT11RR_I_BI_PV_RC_CHK_4	e
AFT11RR_I_BI_PV_RC_RRC_SR_1a	e
AFT11RR_I_BI_PV_RC_RRC_SR_1b	
AFT11RR_I_BI_PV_RC_RRC_AR_1a	
AFT11RR_I_BI_PV_RC_RRC_AR_1b	e
AFT11RR_I_BI_PV_RC_RRC_CT_1a	e
AFT11RR_I_BI_PV_RC_RRC_CT_1b	e
AFT11RR_I_BI_PV_RC_RRC_DG_1a	e
AFT11RR_I_BI_PV_RC_RRC_DG_1b	
AFT11RR_I_BI_PC_KE_CE_FQS_FU_RM2_1	e
AFT11RR_I_BI_PC_KE_CE_FQS_FU_RM3_1	e
AFT11RR_I_BI_PC_RD_OP_RM_1	e
AFT11RR_I_BI_PC_WR_OP_RM_1	

7.3.4 Capability Test Cases responder

Table 11: AFT 11 restart and recovery capability Test Cases responder

Test Case identifier	Notes
AFT11RR_R_SUM_1	e
AFT11RR_R_CA_RC_2	e
AFT11RR_R_SUM_2	e
AFT11RR_R_CA_RC_4	e
AFT11RR_R_SUM_3	e
AFT11RR_R_CA_RC_6	e
AFT11RR_R_SUM_4	e
AFT11RR_R_CA_RC_8	e
AFT11RR_R_SUM_5	e
AFT11RR_R_SUM_6	e
AFT11RR_R_SUM_7	e
AFT11RR_R_SUM_8	e

7.3.5 Valid behaviour Test Cases responder

Table 12: AFT 11 restart and recovery valid behaviour Test Cases responder

Test Case identifier	Notes
AFT11RR_R_BV_PI_KE_AB_I_PAB_12	e
AFT11RR_R_BV_PI_KE_AB_I_PAB_20	e
AFT11RR_R_BV_PI_KE_AB_I_PAB_21	
AFT11RR_R_BV_PI_KE_AB_I_PAB_27	
AFT11RR_R_BV_PI_KE_AB_R_UAB_12	e
AFT11RR_R_BV_PI_KE_AB_R_UAB_20	
AFT11RR_R_BV_PI_KE_AB_R_UAB_21	
AFT11RR_R_BV_PI_KE_AB_R_UAB_27	
AFT11RR_R_BV_PI_KE_AB_R_PAB_12	e
AFT11RR_R_BV_PI_KE_AB_R_PAB_20	
AFT11RR_R_BV_PI_KE_AB_R_PAB_21	
AFT11RR_R_BV_PI_KE_AB_R_PAB_27	
AFT11RR_R_SUM_9	e
AFT11RR_R_BV_PI_RC_CN_1	e
AFT11RR_R_BV_PI_RC_RRC_1	e
AFT11RR_R_BV_PI_RC_RRC_2	e
AFT11RR_R_BV_PI_RC_RRC_3	e
AFT11RR_R_BV_PI_RC_RRC_4	e
AFT11RR_R_BV_PI_RC_RRC_5	e
AFT11RR_R_BV_PI_RC_RRC_6	e
AFT11RR_R_BV_PI_RC_RRC_7	e
AFT11RR_R_BV_PI_RC_RRC_8	e
AFT11RR_R_BV_PI_RC_RRC_9	e
AFT11RR_R_BV_PI_RC_RRC_10	
AFT11RR_R_BV_PI_RC_RRC_11	
AFT11RR_R_BV_PI_RC_RRC_12	
AFT11RR_R_BV_PI_RC_RRC_13	
AFT11RR_R_BV_PI_RC_RRC_14	
AFT11RR_R_BV_PI_RC_RRC_15	
AFT11RR_R_BV_PI_RC_RRC_16	e
AFT11RR_R_BV_PV_KE_CE_FQS_2	
AFT11RR_R_BV_PV_KE_CE_FQS_3	
AFT11RR_R_BV_PV_KE_CE_FQS_4	e
AFT11RR_R_BV_PV_RD_OP_RM_3	e
AFT11RR_R_BV_PV_RD_OP_RM_4	
AFT11RR_R_BV_PV_WR_OP_RM_3	e
AFT11RR_R_BV_PV_WR_OP_RM_4	
AFT11RR_R_BV_PV_RC_RRC_RQA_4	
AFT11RR_R_BV_PV_RC_RRC_RQA_6	
AFT11RR_R_BV_PV_RC_RRC_RQA_8	
AFT11RR_R_BV_PV_RC_RRC_RAP_2	
AFT11RR_R_BV_PV_RC_RRC_RAP_4	e
	(continued)

Table 12 (concluded): AFT 11 restart and recovery valid behaviour Test Cases responder

Test Case identifier	Notes
AFT11RR_R_BV_PV_RC_RRC_RAP_5	
AFT11RR_R_BV_PV_RC_RRC_RAP_7	
AFT11RR_R_BV_PV_RC_RRC_RAP_9	
AFT11RR_R_BV_PV_RC_RRC_RP_1	e
AFT11RR_R_BV_PC_KE_CE_CW_2	
AFT11RR_R_BV_PC_RD_OP_RM_1	e
AFT11RR_R_BV_PC_WR_OP_RM_1	
AFT11RR_R_BV_PC_RC_1	e

7.3.6 Inopportune behaviour Test Cases responder

Table 13: AFT 11 restart and recovery inopportune behaviour Test Cases responder

Test Case identifier	Notes
AFT11RR_R_BO_PV_RD_OP_AID_1	e
AFT11RR_R_BO_PV_WR_OP_AID_1	
AFT11RR_R_BO_PV_RC_RRC_BTN_1	e
AFT11RR_R_BO_PV_RC_RRC_RP_1	e

7.3.7 Invalid behaviour Test Cases responder

Table 14: AFT 11 restart and recovery invalid behaviour Test Cases responder

Test Case identifier	Notes
AFT11RR_R_BI_PV_RD_OP_RM_1	e
AFT11RR_R_BI_PV_WR_OP_RM_1	e
AFT11RR_R_BI_PV_RC_RRC_RQA_1	e
AFT11RR_R_BI_PC_RD_OP_AID_1	e
AFT11RR_R_BI_PC_WR_OP_AID_1	e

7.4 Relevant Test Cases from full FTAM ISO/IEC 8571 AFT3 Management

The list of Test Cases used for the FTAM profile conformance test specification are described in ISO/IEC 8571 [9] full FTAM AFT 3 Management (EWOS ED 88 [4] - Binder 8).

This I-ETS describes all references used for testing the profile FTAM Simple File Transfer profile (ETS 300 388 [1]).

7.4.1 Capability Test Cases initiator

Table 15: Full FTAM ISO/IEC 8571 AFT3 management capability Test Cases initiator

Test Case identifier	Notes
AFT3_I_CA_EM_1	e

7.4.2 Valid behaviour Test Cases initiator

Table 16: Full FTAM ISO/IEC 8571 AFT3 management valid behaviour Test Cases initiator

Test Case identifier	Notes
AFT3_I_BV_PI_EM_CHA_1	e
AFT3_I_BV_PI_EM_CHA_2	e
AFT3_I_BV_PI_FM_GCPLUS_9	e
AFT3_I_BV_PI_FM_GCPLUS_10	
AFT3_I_BV_PI_FM_GCPLUS_11	
AFT3_I_BV_PI_FM_GCPLUS_12	
AFT3_I_BV_PI_FM_GCPLUS_13	e
AFT3_I_BV_PI_FM_GCPLUS_14	e
AFT3_I_BV_PI_FM_GCPLUS_15	
AFT3_I_BV_PI_FM_GCPLUS_16	
AFT3_I_BV_PI_FM_GCMINUS_12	e
AFT3_I_BV_PI_FM_GCMINUS_13	e
AFT3_I_BV_PI_FM_GCMINUS_14	
AFT3_I_BV_PI_FM_GCMINUS_15	
AFT3_I_BV_PI_FM_GCMINUS_18	e
AFT3_I_BV_PI_FM_GCMINUS_26	
AFT3_I_BV_PI_FTM_GAPLUS_5	e
AFT3_I_BV_PI_FTM_GAPLUS_6	
AFT3_I_BV_PI_FTM_GAPLUS_7	e
AFT3_I_BV_PI_FTM_GAPLUS_8	e
AFT3_I_BV_PI_FTM_GBPLUS_5	e
AFT3_I_BV_PI_FTM_GBPLUS_6	
AFT3_I_BV_PI_FTM_GBPLUS_7	e
AFT3_I_BV_PI_FTM_GBPLUS_8	
AFT3_I_BV_PI_FTM_GCPLUS_1	
AFT3_I_BV_PI_FTM_GCPLUS_2	e
AFT3_I_BV_PI_FTM_GAMINUS_10	e
AFT3_I_BV_PI_FTM_GCMINUS_1	
AFT3_I_BV_PI_EM_CHA_AR_2	e
AFT3_I_BV_PI_EM_CHA_AR_3	e
AFT3_I_BV_PI_EM_CHA_AR_4	
AFT3_I_BV_PI_EM_CHA_DG_2	e
AFT3_I_BV_PC_KE_CE_SC_FU_FM_1	e
AFT3_I_BV_PC_KE_CE_SC_FU_FTM_1	e
AFT3_I_BV_PC_KE_CE_SC_FU_FTM_2	e
AFT3_I_BV_PC_KE_CE_SC_FU_FTM_3	e

7.4.3 Invalid behaviour Test Cases initiator

Table 17: Full FTAM ISO/IEC 8571 AFT3 management behaviour Test Cases initiator

Test Case identifier	Notes
AFT3_I_BI_PV_EM_CHA_AR_1	e
AFT3_I_BI_PV_EM_CHA_DG_1	
AFT3_I_BI_PC_KE_CE_SC_FU_FM_1	
AFT3_I_BI_PC_KE_CE_SC_FU_FM_2	e
AFT3_I_BI_PC_KE_CE_SC_FU_FM_3	
AFT3_I_BI_PC_KE_CE_SC_FU_FM_6	e
AFT3_I_BI_PC_KE_CE_SC_FU_FM_7	e
AFT3_I_BI_PC_KE_CE_SC_FU_FM_8	
AFT3_I_BI_PC_KE_CE_SC_FU_FM_10	e
AFT3_I_BI_PC_KE_CE_SC_FU_FTM_1	
AFT3_I_BI_PC_KE_CE_SC_FU_FTM_2	e

7.4.4 Capability Test Cases responder

Table 18: Full FTAM ISO/IEC 8571 AFT3 management capability Test Cases responder

Test Case identifier	Notes
AFT3_R_CA_EM_1	e

7.4.5 Valid behaviour Test Cases responder

Table 19: Full FTAM ISO/IEC 8571 AFT3 management valid behaviour Test Cases responder

Test Case identifier	Notes
AFT3_R_BV_PI_EM_CHA_1	e
AFT3_R_BV_PI_EM_CHA_2	e
AFT3_R_BV_PI_FM_FM_GCPLUS_5	e
AFT3_R_BV_PI_GP_FM_GCPLUS_6	
AFT3_R_BV_PI_GP_FM_GCPLUS_7	
AFT3_R_BV_PI_GP_FM_GCPLUS_8	
AFT3_R_BV_PI_GP_FM_GCPLUS_9	e
AFT3_R_BV_PI_GP_FM_GCPLUS_13	
AFT3_R_BV_PI_GP_FM_GCPLUS_14	
AFT3_R_BV_PI_GP_FM_GCPLUS_15	
AFT3_R_BV_PI_GP_FM_GCPLUS_16	
AFT3_R_BV_PI_GP_FM_GCMINUS_7	
AFT3_R_BV_PI_GP_FM_GCMINUS_8	
AFT3_R_BV_PI_GP_FM_GCMINUS_9	
AFT3_R_BV_PI_GP_FM_GCMINUS_10	
AFT3_R_BV_PI_GP_FM_GCMINUS_11	
AFT3_R_BV_PI_GP_FM_GCMINUS_13	
AFT3_R_BV_PI_GP_FM_GCMINUS_14	
AFT3_R_BV_PI_GP_FM_GCMINUS_15	
AFT3_R_BV_PI_GP_FM_GCMINUS_16	
AFT3_R_BV_PI_GP_FM_GCMINUS_19	
AFT3_R_BV_PI_GP_FM_GCMINUS_24	
AFT3_R_BV_PI_GP_FM_GCMINUS_29	
AFT3_R_BV_PI_GP_FM_GCMINUS_33	e
AFT3_R_BV_VFI_IRG_EM_1	e
AFT3_R_BV_PC_KE_CE_FM_1	
AFT3_R_BV_PC_KE_CE_FTM_1	e
AFT3_R_BV_EM_CHA_AT_FN_2	e
AFT3_R_BV_EM_CHA_AT_SA_3	e
AFT3_R_BV_PV_EM_CHA_AT_FAV_3	e
AFT3_R_BV_PV_EM_CHA_AT_FAV_4	
AFT3_R_BV_PV_EM_CHA_AT_FF_3	
AFT3_R_BV_PV_EM_CHA_AT_AXCL_3	e
AFT3_R_BV_PV_EM_CHA_AT_AXCL_3_ADD1	
AFT3_R_BV_PV_EM_CHA_AT_AXCL_3_ADD2	
AFT3_R_BV_PV_EM_CHA_AT_AXCL_3_ADD3	
AFT3_R_BV_PV_EM_CHA_AT_AXCL_3_ADD4	
AFT3_R_BI_PV_EM_CHA_AT_1	e

7.4.6 Invalid behaviour Test Cases responder

Table 20: Full FTAM ISO/IEC 8571 AFT3 management invalid behaviour Test Cases responder

Test Case identifier	Notes
AFT3_R_BI_PC_CE_SC_FU_FM_1	e
AFT3_R_BI_PC_CE_SC_FU_FM_2	
AFT3_R_BI_PC_CE_SC_FU_FTM_1	
AFT3_R_BI_PC_CE_SC_FU_FTM_2	e
AFT3_R_BI_PC_CE_SC_FU_FTM_3	
AFT3_R_BI_PC_CE_SC_FU_FTM_4	
AFT3_R_BI_PC_CE_SC_FU_FTM_5	e

7.4.7 Inopportune behaviour Test Cases responder

Table 21: Full FTAM ISO/IEC 8571 AFT3 management inopportune behaviour Test Cases responder

Test Case identifier	Notes
AFT3_R_BO_PC_EM_1	e
AFT3_R_BO_PC_EM_2	e
AFT3_R_BO_PC_EM_3	

7.5 Relevant Test Cases from ACSE

The list of Test Cases used for the FTAM profile conformance test specification are described in ACSE (EWOS ED 88 [4] - Binder 9).

This I-ETS describes all references used for testing the profile FTAM Simple File Transfer profile (ETS 300 388 [1]).

7.5.1 Valid behaviour Test Cases

Table 22: ACSE valid behaviour Test Cases

Test Case identifier	Notes
ACSE-FTAM_BV_AE_I_1	
ACSE-FTAM_BV_AE_R_1	
ACSE-FTAM_BV_AE_R_2	
ACSE-FTAM_BV_AE_R_3	
ACSE-FTAM_BV_NR_RQ_1	
ACSE-FTAM_BV_NR_AC_1	
ACSE-FTAM_BV_AR_AA_1	
ACSE-FTAM_BV_AR_AA_3	
ACSE-FTAM_BV_AR_AA_5_a	
ACSE-FTAM_BV_AR_AA_5_b	
ACSE-FTAM_BV_PV_I_4	
ACSE-FTAM_BV_PV_I_5	
ACSE-FTAM_BV_PV_I_6	
ACSE-FTAM_BV_PV_I_7	
ACSE-FTAM_BV_PV_I_8	
ACSE-FTAM_BV_PV_R_1	
ACSE-FTAM_BV_PV_R_2	
ACSE-FTAM_BV_PV_R_3	
ACSE-FTAM_BV_RE_1	
ACSE-FTAM_BV_RE_2	

7.5.2 Invalid behaviour Test Cases

Table 23: ACSE invalid behaviour Test Cases

Test Case identifier	Notes
ACSE-FTAM_BI_SEM_STA0_1	
ACSE-FTAM_BI_SEM_STA0_2	
ACSE-FTAM_BI_SEM_STA1_1	
ACSE-FTAM_BI_SEM_STA1_2	
ACSE-FTAM_BI_SEM_STA5_2	
ACSE-FTAM_BI_SEM_STA5_3_a	
ACSE-FTAM_BI_SEM_STA5_3_b	

7.6 Relevant Test Cases from the presentation layer

The list of Test Cases used for the FTAM profile conformance test specification which are described in the Presentation Layer (EWOS ED 88 [4] - Binders 10 & 11).

This I-ETS describes all references used for testing the profile FTAM Simple File Transfer profile (ETS 300 388 [1]).

7.6.1 Interoperability Test Cases- initiator

Table 24: Presentation interoperability Test Cases

Test Case identifier	Notes
I_IT_1	

7.6.2 Capability Test Cases - initiator

Table 25: FTAM presentation capability Test Cases

Test Case identifier	Notes
I_CA_KE_CE_I_2	
I_CA_KE_CA_1	

7.6.3 Valid behaviour Test Cases - initiator

Table 26: FTAM presentation valid behaviour Test Cases

Test Case identifier	Notes
I_BV_SE_CRN_1	
I_BV_PV_R_DA_2	
I_BV_PV_R_DA_3	
I_BV_EV_LE_IF_2	
I_BV_EV_LE_IF_3	
I_BV_EV_LE_LF_2	
I_BV_EV_LE_LF_3	
I_BV_EV_LE_RLF_2	
I_BV_EV_LE_RLF_3	
I_BV_EV_LE_BF_2	
I_BV_EV_LE_BF_3	
I_BV_EV_CE_BS_CPA_1	
I_BV_EV_CE_BS_CPA_4	
I_BV_EV_CE_BS_CPA_5	
I_BV_EV_CE_BS_CPR_4	
I_BV_EV_CE_BS_CPR_5	
I_BV_EV_CE_OS_CF_2	
I_BV_EV_CE_OS_CF_3	
I_BV_EV_CE_OS_ZCF_2	
I_BV_EV_CE_OS_ZCF_3	
I_BV_EV_CE_SE_CPA_2	

7.6.4 Invalid behaviour Test Cases - initiator

Table 27: presentation invalid behaviour Test Cases

Test Case identifier	Notes
I_BI_INOP_DCS_I1_1	
I_BI_SYN_S_U_1	
I_BI_SYN_S_O_2	
I_BI_SYN_S_D_2	
I_BI_SYN_E_IT_2	
I_BI_SYN_E_TFO_2	
I_BI_SYN_E_LFO_2	
I_BI_SYN_E_CFO_2	
I_BI_SYN_E_CFU_2	
I_BI_SYN_E_ME_2	

7.6.5 Interoperability Test Cases - responder

Table 28: Presentation interoperability Test Cases

Test Case identifier	Notes
R_IT_1	
R_IT_2	

7.6.6 Capability Test Cases - responder

Table 29: FTAM presentation capability Test Cases

Test Case identifier	Notes
R_CA_KE_CE_R_2	
R_CA_KE_CA_2	

7.6.7 Valid behaviour Test Cases- responder

Table 30: FTAM presentation valid behaviour Test Cases

Test Case identifier	Notes
R_BV_SE_CE_I0_5	
R_BV_SE_CE_I2_2	
R_BV_SE_CRN_2	
R_BV_SE_CRA_2	
R_BV_SE_CRA_3	
R_BV_SE_TH_t0_2	
R_BV_SE_SY_t0_2	
R_BV_PV_R_SO_1	
R_BV_PV_R_SO_5	
R_BV_PV_R_UD_1	
R_BV_PV_R_DA_1	
R_BV_PV_R_PCL_1	
R_BV_EV_LE_IF_1	
R_BV_EV_LE_IF_8	
R_BV_EV_LE_LF_1	
R_BV_EV_LE_LF_8	
R_BV_EV_LE_RLF_1	
R_BV_EV_LE_RLF_8	
R_BV_EV_LE_BF_1	
R_BV_EV_LE_BF_8	
R_BV_EV_CE_BS_CP_3	
R_BV_EV_CE_BS_CP_4	
R_BV_EV_CE_BS_CP_5	
R_BV_EV_CE_OS_CF_1	
R_BV_EV_CE_OS_CF_9	
R_BV_EV_CE_OS_ZCF_1	
R_BV_EV_CE_OS_ZCF_9	
R_BV_EV_CE_SE_CP_2	
R_BV_EV_UD_FU_MF_9	
R_BV_EV_UD_FU_CM_9	

7.6.8 Invalid behaviour Test Cases - responder

Table 31: Presentation invalid behaviour Test Cases

Test Case identifier	Notes
R_BI_INOP_DCS_t0_1	
R_BI_INOP_DCS_t0_7	
R_BI_INOP_DCS_t0_22	
R_BI_SYN_S_U_10	
R_BI_SYN_S_O_1	
R_BI_SYN_S_O_5	
R_BI_SYN_S_D_1	
R_BI_SYN_S_D_11	
R_BI_SYN_E_IT_1	
R_BI_SYN_E_IT_11	
R_BI_SYN_E_TFO_1	
R_BI_SYN_E_TFO_11	
R_BI_SYN_E_LFO_1	
R_BI_SYN_E_LFO_11	
R_BI_SYN_E_CFO_1	
R_BI_SYN_E_CFO_11	
R_BI_SYN_E_CFU_1	
R_BI_SYN_E_CFU_11	
R_BI_SYN_E_ME_1	
R_BI_SYN_E_ME_11	
R_BI_SEM_CE_1	

7.7 Relevant Test Cases from the session layer

The list of Test Cases used for the FTAM profile conformance test specification is defined in the Session layer (EWOS ED 88 [4] - Binder 12).

This I-ETS describes all references used for testing the profile FTAM Simple File Transfer profile (ETS 300 388 [1]).

7.7.1 Capability Test Cases - initiator

Table 32: Session capability Test Cases

Test Case identifier	Notes
I_Ca_Fun_Ker_Nr3	
I_Ca_Fun_Ker_Nr4	
I_Ca_Fun_Ker_Nr6	
I_Ca_Fun_Ker_Nr10a	
I_Ca_Fun_Ker_Nr10b	
I_Ca_Fun_Dup_Nr1	
I_Ca_Fun_Myn_Nr1	
I_Ca_Tkm_Nr1	
I_Ca_Snm_Nr1a	
I_Ca_Snm_Nr1b	
I_Ca_Snm_Nr16	
I_Ca_Seg_Nr2	
I_Ca_Tex_Nr1	
I_Ca_Tex_Nr2	
I_Ca_Unl_Nr2	
I_Ca_Unl_Nr3	

7.7.2 Valid behaviour Test Cases - initiator

Table 33: Session valid behaviour Test Cases - initiator

Test Case identifier	Notes
I_Bv_Se_Sta01b_Nr1	
I_Bv_Se_Sta02a_Nr1	
I_Bv_Se_Sta02a_Nr2	
I_Bv_Se_Sta02a_Nr3	
I_Bv_Se_Sta003_Nr1	
I_Bv_Se_Sta003_Nr5	
I_Bv_Se_Sta003_Nr6	
I_Bv_Se_Sta05a_Nr1a	
I_Bv_Se_Sta05a_Nr1b	
I_Bv_Se_Sta05a_Nr3a	
I_Bv_Se_Sta05a_Nr3b	
I_Bv_Se_Sta05a_Nr5	
I_Bv_Se_Sta15b_Nr1	
I_Bv_Se_Sta15b_Nr3	
I_Bv_Se_Sta15c_Nr1	
I_Bv_Se_Sta15c_Nr2	
I_Bv_Se_Sta15d_Nr1	
I_Bv_Se_Sta016_Nr2	
I_Bv_Se_Sta016_Nr4	
I_Bv_Se_Sta016_Nr5a	
I_Bv_Se_Sta016_Nr5b	
I_Bv_Se_Sta016_Nr5d	
I_Bv_Pv_Ker_Nr1a	
I_Bv_Pv_Ker_Nr1b	
I_Bv_Pv_Ker_Nr8a	
I_Bv_Pv_Ker_Nr8b	
I_Bv_Pv_Mln_Nr1a	
I_Bv_Pv_Mln_Nr1b	
I_Bv_Pv_Mln_Nr2	

7.7.3 Inopportune behaviour tests - Initiator

Table 34: Session inopportune behaviour Test Cases - initiator

Test Case identifier	Notes
I_BI_Inop_Sta02a_Nr1	
I_BI_Inop_Sta02a_Nr2	
I_BI_Inop_Sta02a_Nr4	
I_BI_Inop_Sta003_Nr2	
I_BI_Inop_Sta003_Nr6	
I_BI_Inop_Sta05a_Nr1	
I_BI_Inop_Sta05a_Nr2	
I_BI_Inop_Sta15b_Nr1	
I_BI_Inop_Sta15c_Nr1	
I_BI_Inop_Sta15d_Nr1	
I_BI_Inop_Sta713_Nr3	
I_BI_Inop_Sta713_Nr4	
I_BI_Syn_Ker_Ab_Nr1	
I_BI_Syn_Ker_Ab_Nr2	
I_BI_Syn_Ker_Ab_Nr3	
I_BI_Syn_Ker_Ab_Nr4	
I_BI_Syn_Ker_Ab_Nr5	
I_BI_Syn_Ker_Ab_Nr6	
I_BI_Syn_Ker_Ab_Nr7	
I_BI_Syn_Ker_Ac_Nr1	
I_BI_Syn_Ker_Ac_Nr2	
I_BI_Syn_Ker_Ac_Nr3	
I_BI_Syn_Ker_Ac_Nr4	
I_BI_Syn_Ker_Ac_Nr5	
I_BI_Syn_Ker_Ac_Nr6	
I_BI_Syn_Ker_Ac_Nr7	
I_BI_Syn_Ker_Ac_Nr8	
I_BI_Syn_Ker_Ac_Nr9	
I_BI_Syn_Ker_Dn_Nr1	
I_BI_Syn_Ker_Dn_Nr2	
I_BI_Syn_Ker_Dn_Nr3	
I_BI_Syn_Ker_Rf_Nr1	
I_BI_Syn_Ker_Rf_Nr2	
I_BI_Syn_Ker_Rf_Nr4	
I_BI_Syn_Ker_Rf_Nr5	
I_BI_Syn_Ker_Rf_Nr6	
I_BI_Syn_Ker_Rf_Nr7	
I_BI_Syn_Dup_Dt_Nr1	
I_BI_Syn_Dup_Dt_Nr2	
I_BI_Syn_Dup_Dt_Nr4	
I_BI_Syn_MIn_MIa_Nr1	
I_BI_Syn_MIn_MIa_Nr2	
(continued)	

Table 34 (concluded): Session Inopportune behaviour Test Cases - initiator

Test Case identifier	Notes
I_BI_Syn_MIn_Mla_Nr3	
I_BI_Syn_MIn_Mla_Nr4	
I_BI_Syn_MIn_Mla_Nr5	
I_BI_Syn_MIn_Mla_Nr6	
I_BI_Syn_MIn_Mla_Nr7	
I_BI_Syn_MIn_Mlp_Nr1	
I_BI_Syn_MIn_Mlp_Nr2	
I_BI_Syn_MIn_Mlp_Nr3	
I_BI_Syn_MIn_Mlp_Nr4	
I_BI_Syn_MIn_Mlp_Nr5	
I_BI_Syn_MIn_Mlp_Nr6	
I_BI_Syn_MIn_Mlp_Nr7	
I_BI_Syn_MIn_Mlp_Nr8	
I_BI_Sem_Fun_Nr1	
I_BI_Sem_Fun_Nr2	
I_BI_Sem_Fun_Nr3	
I_BI_Sem_Fun_Nr4	
I_BI_Sem_Fun_Nr5	
I_BI_Sem_Fun_Nr6	
I_BI_Sem_Fun_Nr7	
I_BI_Sem_Tkm_Nr7a	
I_BI_Sem_Tkm_Nr7b	
I_BI_Sem_Tkm_Add_Nr1	
I_BI_Sem_Snm_Nr1	
I_BI_Sem_Snm_Nr3	
I_BI_Sem_Tex_Nr1	
I_BI_Sem_Tex_Nr2	
I_BI_Sem_Bco_Nr1	
I_BI_Sem_Bco_Nr2	
I_BI_Sem_Bco_Nr3	
I_BI_Sem_Bco_Nr4	
I_BI_Sem_Bco_Nr5	
I_BI_Sem_Bco_Nr6	
I_BI_Sem_Seg_Nr1	
I_BI_Sem_Seg_Nr2	
I_BI_Sem_Unl_Nr2	
I_BI_Sem_Vn_Nr1	

7.7.4 Capability Test Cases - responder

Table 35: Session capability Test Cases - responder

Test Case identifier	Notes
R_Ca_Fun_Ker_Nr1	
R_Ca_Fun_Ker_Nr5	
R_Ca_Fun_Ker_Nr7a	
R_Ca_Fun_Ker_Nr7b	
R_Ca_Fun_Dup_Nr1	
R_Ca_Fun_Myn_Nr1	
R_Ca_Tkm_Nr7a	
R_Ca_Tkm_Nr7b	
R_Ca_Snm_Nr1a	
R_Ca_Snm_Nr1b	
R_Ca_Snm_Nr13	
R_Ca_Seg_Nr1	
R_Ca_Seg_Nr2	
R_Ca_Tex_Nr1	
R_Ca_Tex_Nr2	
R_Ca_Unl_Nr1	
R_Ca_Unl_Nr3	
R_Ca_Vn_Nr2	
R_Ca_Vn_Nr3	

7.7.5 Valid behaviour Test Cases- responder

Table 36: Session valid behaviour Test Cases - responder

Test Case identifier	Notes
R_Bv_Se_Sta01c_Nr2	
R_Bv_Se_Sta15b_Nr1	
R_Bv_Se_Sta15b_Nr3	
R_Bv_Se_Sta15d_Nr1	
R_Bv_Se_Sta016_Nr2	
R_Bv_Se_Sta016_Nr4	
R_Bv_Se_Sta016_Nr5	
R_Bv_Pv_Ker_Nr1a	
R_Bv_Pv_Ker_Nr1b	
R_Bv_Pv_Ker_Nr6	
R_Bv_Pv_Mln_Nr1a	
R_Bv_Pv_Mln_Nr1b	
R_Bv_Pv_Mln_Nr2a	
R_Bv_Pv_Mln_Nr2b	

7.7.6 Invalid behaviour Test Cases - responder

Table 37: Session invalid behaviour Test Cases - responder

Test Case identifier	Notes
R_BI_Inop_Sta15b_Nr1	
R_BI_Inop_Sta15d_Nr1	
R_BI_Inop_Sta713_Nr3	
R_BI_Inop_Sta713_Nr4	
R_BI_Syn_Ker_Ab_Nr1	
R_BI_Syn_Ker_Ab_Nr2	
R_BI_Syn_Ker_Ab_Nr3	
R_BI_Syn_Ker_Ab_Nr4	
R_BI_Syn_Ker_Ab_Nr5	
R_BI_Syn_Ker_Ab_Nr6	
R_BI_Syn_Ker_Ab_Nr7	
R_BI_Syn_Ker_Cn_Nr1	
R_BI_Syn_Ker_Cn_Nr2	
R_BI_Syn_Ker_Cn_Nr3	
R_BI_Syn_Ker_Cn_Nr4	
R_BI_Syn_Ker_Cn_Nr5	
R_BI_Syn_Ker_Cn_Nr6	
R_BI_Syn_Ker_Cn_Nr7	
R_BI_Syn_Ker_Cn_Nr8	
R_BI_Syn_Ker_Cn_Nr9	
R_BI_Syn_Ker_Fn_Nr1	
R_BI_Syn_Ker_Fn_Nr2	
R_BI_Syn_Ker_Fn_Nr3	
R_BI_Syn_Ker_Fn_Nr4	
R_BI_Syn_Dup_Dt_Nr1	
R_BI_Syn_Dup_Dt_Nr2	
R_BI_Syn_Dup_Dt_Nr4	
R_BI_Syn_MIn_MIa_Nr1	
R_BI_Syn_MIn_MIa_Nr2	
R_BI_Syn_MIn_MIa_Nr3	
R_BI_Syn_MIn_MIa_Nr4	
R_BI_Syn_MIn_MIa_Nr5	
R_BI_Syn_MIn_MIa_Nr6	
R_BI_Syn_MIn_MIa_Nr7	
R_BI_Syn_MIn_MIp_Nr1	
R_BI_Syn_MIn_MIp_Nr2	
R_BI_Syn_MIn_MIp_Nr3	
R_BI_Syn_MIn_MIp_Nr4	
R_BI_Syn_MIn_MIp_Nr5	
R_BI_Syn_MIn_MIp_Nr6	
R_BI_Syn_MIn_MIp_Nr7	
(continued)	

Table 37 (concluded): Session invalid behaviour Test Cases - responder

Test Case identifier	Notes
R_BI_Syn_MIn_Mlp_Nr8	
R_BI_Sem_Fun_Nr1	
R_BI_Sem_Fun_Nr2	
R_BI_Sem_Fun_Nr3	
R_BI_Sem_Fun_Nr4	
R_BI_Sem_Fun_Nr5	
R_BI_Sem_Fun_Nr6	
R_BI_Sem_Fun_Nr7	
R_BI_Sem_Tkm_Nr7a	
R_BI_Sem_Tkm_Nr7b	
R_BI_Sem_Tkm_Add_Nr1	
R_BI_Sem_Snm_Nr1	
R_BI_Sem_Snm_Nr3	
R_BI_Sem_Tex_Nr1	
R_BI_Sem_Tex_Nr2	
R_BI_Sem_Bco_Nr1	
R_BI_Sem_Bco_Nr2	
R_BI_Sem_Bco_Nr3	
R_BI_Sem_Bco_Nr4	
R_BI_Sem_Bco_Nr5	
R_BI_Sem_Bco_Nr6	
R_BI_Sem_Seg_Nr1	
R_BI_Sem_Seg_Nr2	
R_bI_Sem_Unl_Nr2	
R_BI_Sem_Unl_Nr3	
R_BI_Sem_Unl_Nr4	

8 Profile specific conformance tests

8.1 Test Suite Structure and Test Purposes (TSS&TP)

8.1.1 Test Suite Structure (TSS)

The TSS&TP for FTAM shall be specified in ISO/IEC 10170-1 [17].

8.1.2 Additional Test Purposes

The purpose of the two additional tests is to successfully generate and read an NBS-9 (Directory) file, using the correct parameters.

8.1.3 Test Cases to Test Purposes selection and mapping

Table 38: Mapping of additional Test Purposes to new Test Cases references

Test Purpose reference		Additional Test Case reference	
Test group	Test Purpose name	Test group	Test Case name
R/CA/RD	3	FTAMProfile/	A111_R_CA_RD_3a
I/CA/RD	3	FTAMProfile/	A111_I_CA_RD_3a

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

This ATS has been produced using the Tree and Tabular Combined Notation (TTCN) according to ISO/IEC 9646-3 [2].

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 (DIV4892.GR¹) which accompanies this I-ETS.

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

The TTCN.MP representation corresponding to this ATS is contained in an ASCII file (DIV4892.MP¹) which accompanies this ETS.

NOTE: According to ISO/IEC 9646-3 [2], 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.

¹) This file is located in an archive file named 4892_IV.LZH. Other file formats are available on request.

Annex B (normative): Profile specific IXIT proforma for ETS 300 388

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 Protocol IXIT

IXIT Number	
Test Laboratory Name	
Date of Issue	
Issued to	

B.1.2 Profile specific test suite summary

Profile Specification	ETS 300 388 [1]
Profile Specific Test Specification	prl-ETS 300 489-2
Abstract Test Method	Remote Single Layer Test Method

B.1.3 Test laboratory

Identification	
Address	
Postal code/city	
Country	
Telephone	
Facsimile	
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	
Facsimile	
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 300 080 [10]	1.0	ETS 300 080 [10]		

B.2 Profile information for ETS 300 388

B.2.1 Profile specific information

Specification reference	ETS 300 388 [1]
Protocol Version	
PICS reference	ETS 300 388 [1]

B.2.2 IUT information

B.2.2.1 Addresses

SAP address	Description
by the Lower Tester to access the IUT	
by the SUT to access the Lower Tester	

B.2.2.2 Procedural information

B.2.3 Virtual file store information tester side

This set of tables states all information relevant for the SUT when accessing the file store simulated by the Tester (FTAM select action).

NOTE: The following table reflects all necessary virtual file store information. For each file required on the file store one table should be created and completed.

B.2.3.1 FILE #1

Table B.2: File #1

	Relevant Attribute	SUT acting as initiator, file store located on tester side
1	Kernel group attributes	<i>required</i>
2	File name [vector of Graphic String] (see ISO/IEC 8571-2 [9], 12.1)	FRED
3	Permitted Actions [Boolean vector] (see ISO/IEC 8571-2 [9], 12.2)	10110101000'B { read, replace, extend, read- attribute, delete-file }
4	Contents Type [document type name] (see ISO/IEC 8571-2 [9], 12.3)	{ 1, 0, 8571, 5, 1 } (FTAM-1)
5	Parameter (see ISO/IEC 8571-2 [9], annex B)	
6	universal class [Integer]	25 (Graphic String)
7	maximum string length [Integer]	128
8	string significance [Enumerated]	1 (fixed)
9	Storage group attributes	
10	Storage account [Graphic String] (see ISO/IEC 8571-2 [9], 12.4)	-
11	Date & Time of creation [Date and Time] (see ISO/IEC 8571-2 [9], 12.5)	19890331145700.0
12	Date & Time of last modification [Date and Time] (see ISO/IEC 8571-2 [9], 12.6)	19890331155700.0
13	Date & Time of last read access [Date and Time] (see ISO/IEC 8571-2 [9], 12.7)	19890331145822.0
14	Date & Time of last attribute modification [Date and Time] (see ISO/IEC 8571-2 [9], 12.8)	19890331145700.0
15	Identity of creator [Graphic String] (see ISO/IEC 8571-2 [9], 12.9)	SEAN
16	Identity of last modifier [Graphic String] (see ISO/IEC 8571-2 [9], 12.10)	HERMAN
17	Identity of last reader [Graphic String] (see ISO/IEC 8571-2 [9], 12.11)	SUE
18	Identity of last attribute mod. [Graphic String] (see ISO/IEC 8571-2 [9], 12.12)	SUE
19	File availability [Enumerated] (see ISO/IEC 8571-2 [9], 12.13)	immediate-available
20	File size [Integer] (see ISO/IEC 8571-2 [9], 12.14)	512
21	Future file size [Integer] (see ISO/IEC 8571-2 [9], 12.15)	1024
22	Security group attributes	<i>not present</i>
23	Access Control (see ISO/IEC 8571-2 [9], 12.4)	
24	Action list [Boolean vector]	
25	Concurrency access [Vector of Boolean vectors]	
26	Identity [Graphic String]	
27	Password	
28	read [Graphic String]	
29	insert [Graphic String]	
30	replace [Graphic String]	
31	extend [Graphic String]	
32	erase [Graphic String]	
33	read-attribute [Graphic String]	

(continued)

Table B.2 (concluded): File #1

	Relevant Attribute	SUT acting as Initiator, file store located on Tester side
34	change-attribute [Graphic String]	
35	delete-file [Graphic String]	
36	Location [Application Entity Title]	
37	Legal qualifications [Graphic String]	
38	Private group attributes	<i>not present</i>
39	Private use [Any]	

B.2.3.2 FILE #2

Table B.3: File #2

	Relevant Attribute	SUT acting as Initiator, file store located on Tester side
1	Kernel group attributes	<i>required</i>
2	File name [vector of Graphic String] (see ISO/IEC 8571-2 [9], 12.1)	JOHN
3	Permitted Actions [Boolean vector] (see ISO/IEC 8571-2 [9], 12.2)	10110101000'B { read, replace, extend, read- attribute, delete-file }
4	Contents Type [document type name] (see ISO/IEC 8571-2 [9], 12.3)	{ 1, 0, 8571, 5, 3 } (FTAM-3)
5	Parameter (see ISO/IEC 8571-2 [9], annex B)	
6	universal class [Integer]	<i>not applicable</i>
7	maximum string length [Integer]	-
8	string significance [Enumerated]	2 (not-significant)
9	Storage group attributes	
10	Storage account [Graphic String] (see ISO/IEC 8571-2 [9], 12.4)	-
11	Date & Time of creation [Date and Time] (see ISO/IEC 8571-2 [9], 12.5)	19890331150000.0
12	Date & Time of last modification [Date and Time] (see ISO/IEC 8571-2 [9], 12.6)	19890331150000.0
13	Date & Time of last read access [Date and Time] (see ISO/IEC 8571-2 [9], 12.7)	19890331150000.0
14	Date & Time of last attribute modification [Date and Time] (see ISO/IEC 8571-2 [9], 12.8)	19890331150000.0
15	Identity of creator [Graphic String] (see ISO/IEC 8571-2 [9], 12.9)	SEAN
16	Identity of last modifier [Graphic String] (see ISO/IEC 8571-2 [9], 12.10)	SEAN
17	Identity of last reader [Graphic String] (see ISO/IEC 8571-2 [9], 12.11)	SEAN
18	Identity of last attribute mod. [Graphic String] (see ISO/IEC 8571-2 [9], 12.12)	SEAN
19	File availability [Enumerated] (see ISO/IEC 8571-2 [9], 12.13)	immediate-available
20	File size [Integer] (see ISO/IEC 8571-2 [9], 12.14)	512
21	Future file size [Integer] (see ISO/IEC 8571-2 [9], 12.15)	1024
22	Security group attributes	<i>not present</i>
23	Access Control (see ISO/IEC 8571-2 [9], 12.4)	
24	Action list [Boolean vector]	
25	Concurrency access [Vector of Boolean vectors]	
26	Identity [Graphic String]	
27	Password	
28	read [Graphic String]	
29	insert [Graphic String]	
30	replace [Graphic String]	
31	extend [Graphic String]	
32	erase [Graphic String]	

(continued)

Table B.3 (concluded): File #2

	Relevant Attribute	SUT acting as Initiator, file store located on Tester side
33	read-attribute [Graphic String]	
34	change-attribute [Graphic String]	
35	delete-file [Graphic String]	
36	Location [Application Entity Title]	
37	Legal qualifications [Graphic String]	
38	Private group attributes	<i>not present</i>
39	Private use [Any]	

B.2.3.3 FILE #3

Table B.4: File #3

	Relevant Attribute	SUT acting as Initiator, file store located on Tester side
1	Kernel group attributes	<i>required</i>
2	File name [vector of Graphic String] (see ISO/IEC 8571-2 [9], 12.1)	<i>ignored</i>
3	Permitted Actions [Boolean vector] (see ISO/IEC 8571-2 [9], 12.2)	10000000'B { read }
4	Contents Type [document type name] (see ISO/IEC 8571-2 [9], 12.3)	{ 1, 3,14,5,5,9 } (NBS-9)
5	Parameter (see ISO/IEC ISP 10607-2 [5])	
6	attributes [BIT STRING]	11111111111110000'B {All of the Kernal and storage group except future file size}
7	Storage group attributes	<i>not present</i>
8	Storage account [Graphic String] (see ISO/IEC 8571-2 [9], 12.4)	
9	Date & Time of creation [Date and Time] (see ISO/IEC 8571-2 [9], 12.5)	
10	Date & Time of last modification [Date and Time] (see ISO/IEC 8571-2 [9], 12.6)	
11	Date & Time of last read access [Date and Time] (see ISO/IEC 8571-2 [9], 12.7)	
12	Date & Time of last attribute modification [Date and Time] (see ISO/IEC 8571-2 [9], 12.8)	
13	Identity of creator [Graphic String] (see ISO/IEC 8571-2 [9], 12.9)	
14	Identity of last modifier [GraphicString] (see ISO/IEC 8571-2 [9], 12.10)	
15	Identity of last reader [GraphicString] (see ISO/IEC 8571-2 [9], 12.11)	
16	Identity of last attribute mod. [GraphicString] (see ISO/IEC 8571-2 [9], 12.12)	
17	File availability (see ISO/IEC 8571-2 [9], 12.13)	
18	File size [Integer] (see ISO/IEC 8571-2 [9], 12.14)	
		(continued)

Table B.4 (concluded): File #3

	Relevant Attribute	SUT acting as Initiator, file store located on Tester side
19	Future file size [Integer] (see ISO/IEC 8571-2 [9], 12.15)	
20	Security group attributes	<i>not present</i>
21	Access Control (see ISO/IEC 8571-2 [9], 12.4)	
22	Action list [Boolean vector]	
23	Concurrency access [Vector of Boolean vectors]	
24	Identity [Graphic String]	
25	Password	
26	read [Graphic String]	
27	insert [Graphic String]	
28	replace [Graphic String]	
29	extend [Graphic String]	
30	erase [Graphic String]	
31	read-attribute [Graphic String]	
32	change-attribute [Graphic String]	
33	delete-file [Graphic String]	
34	Location [Application Entity Title]	
35	Legal qualifications [Graphic String]	
36	Private group attributes	<i>not present</i>
37	Private use [Any]	

Annex C (normative): Protocol Conformance Test Report proforma (PCTR)

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 PCTR proforma in this annex so that it can be used for its intended purposes and may further publish the completed PCTR.

C.1 Identification summary

C.1.1 Profile Conformance Test Report

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

C.1.2 IUT

Name	
Version	
Profile Specification	ETS 300 388 [1]
ICS	ETS 300 388 [1]
Profile RL	ETS 300 388 [1]
Profile Specific ICS	ETS 300 388 [1]

C.1.3 Testing environment

IXIT	-
Profile XRL	I-ETS 300 489-2
Profile specific IXIT	I-ETS 300 489-2
PTS specification	I-ETS 300 489-2
ATM	-
MOT	-
Period of testing	
Conformance Log reference	
Retention Date of Log reference	

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 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 of this annex, as presented for test in the period declared in subclauses C.1.2 and 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 Implementation eXtra Information for Testing (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 [2], 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 [2], 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 [2], 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

For further details see ISO/IEC 9646-5 [2], annex B, clause B.6.

TC Name	Selected [Yes/No]	Run [Yes/No]	Verdict [P/F/I]	Observations ¹⁾
AFT11_I_CA_RD_3a				
A111_R_CA_RD_3a				

C.7 Observations

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

1) Enter an observation or a reference to any relevant observations made in clause 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	ETS 300 388 [1]
Profile Version	April 1994
Profile ICS	ETS 300 388 [1]
Profile Specific IXIT	I-ETS 300 489-2, annex B
PTS-Summary	I-ETS 300 489-1
PSTS	I-ETS 300 489-2

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 OSI protocols makes exhaustive testing impractical on both technical and economic grounds. Furthermore, there is no guarantee that a System Under Test (SUT) which has passed all the relevant Test Cases conforms to a specification. Neither is there any guarantee that such a SUT shall 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 of this annex, 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 subclause D.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 Abstract Test Method and Abstract Test Suite that were used:

IUT definition reference	Protocol	ATM	ATS
2.1	ETS 300 388 [1]	RSE	prl-ETS 300 489-2
2.2	ETS 300 080 [10]	-	
2.3	ISO/IEC 8571 [9]	RS	Base AFT 11 Initiator
2.4	ISO/IEC 8571 [9]	RS	Base AFT 11 Responder
2.5	ISO/IEC 8571 [9]	RS	Full AFT 11 Initiator
2.6	ISO/IEC 8571 [9]	RS	Full AFT 11 Responder
2.7	ISO/IEC 8571 [9]	RS	Full AFT 11 Restart and Recovery
2.8	ISO/IEC 8571 [9]	RS	Full AFT 3 Management
2.9	ISO 8649 (X.217) [11] ISO 8650(X.227) [12]	RSE	ACSE ATS
2.10	ISO 8822 (X.216) [13] and ISO 8823-1 (X.226) [14]	RSE	Presentation ATS
2.11	ISO 8823-1 (X.226) [14] and ISO 8327 (X.225) [15]	RSE	Session ATS

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 300 388**

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 388 [1]
ICS	ETS 300 388 [1]
IXIT	prl-ETS 300 489-2
PCTR Number	
PCTR Date	
ATS specification	prl-ETS 300 489-2
ATM	Remote Test Method
Means of Testing identifier	
Conformance Status	
Conformance Status	
Static conformance errors	Yes/No
Dynamic conformance errors	Yes/No
Test Cases run	
Passed	
Failed	
Inconclusive	
Skipped	
All	
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 Profile testing summary for ETS 300 080

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ETS 300 080 [10]
ICS	ETS 300 080 [10]
IXIT	
PCTR Number	
PCTR Date	
PSTS	
ATM	-
Means of Testing identifier	
Conformance Status	
Conformance Status	
Static conformance errors	Yes/No
Dynamic conformance errors	Yes/No
Test Cases run	
Passed	
Failed	
Inconclusive	
Skipped	
All	
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 basic FTAM ISO/IEC 8571 AFT 11 Initiator

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ISO/IEC 8571 [9],
ICS	ISO/IEC 8571-5 [9] FTAM
IXIT	AFT 11 Initiator (EWOS ED 88 [4])
PCTR Number	
PCTR Date	
ATS specification	AFT 11 Initiator (EWOS ED 88 [4])
ATM	Remote Single Layer Test Method
Means of Testing identifier	
Conformance Status	
Conformance Status	
Static conformance errors	Yes/No
Dynamic conformance errors	Yes/No
Test Cases run	
Passed	
Failed	
Inconclusive	
Skipped	
All	
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 Protocol layer testing summary for basic FTAM ISO/IEC 8571 AFT 11 Responder

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ISO/IEC 8571 [9],
ICS	ISO/IEC 8571-5 [9] FTAM
IXIT	AFT 11 Responder (EWOS ED 88 [4])
PCTR Number	
PCTR Date	
ATS specification	AFT 11 Responder (EWOS ED 88 [4])
ATM	Remote Single Layer Test Method
Means of Testing identifier	
Conformance Status	
Conformance Status	
Static conformance errors	Yes/No
Dynamic conformance errors	Yes/No
Test Cases run	
Passed	
Failed	
Inconclusive	
Skipped	
All	
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.2.5 Protocol layer testing summary for Full FTAM ISO/IEC 8571 AFT 11 Initiator

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ISO/IEC 8571 [9],
ICS	ISO/IEC 8571-5 [9] FTAM
IXIT	AFT 11 Initiator (EWOS ED 88 [4])
PCTR Number	
PCTR Date	
ATS specification	AFT 11 Initiator (EWOS ED 88 [4])
ATM	Remote Single Layer Test Method
Means of Testing identifier	
Conformance Status	
Conformance Status	
Static conformance errors	Yes/No
Dynamic conformance errors	Yes/No
Test Cases run	
Passed	
Failed	
Inconclusive	
Skipped	
All	
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.2.6 Protocol layer testing summary for Full FTAM ISO/IEC 8571 AFT 11 Responder

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ISO/IEC 8571 [9],
ICS	ISO/IEC 8571-5 [9] FTAM
IXIT	AFT 11 Responder (EWOS ED 88 [4])
PCTR Number	
PCTR Date	
ATS specification	AFT 11 Responder (EWOS ED 88 [4])
ATM	Remote Single Layer Test Method
Means of Testing identifier	
Conformance Status	
Conformance Status	
Static conformance errors	Yes/No
Dynamic conformance errors	Yes/No
Test Cases run	
Passed	
Failed	
Inconclusive	
Skipped	
All	
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.2.7 Protocol layer testing summary for full FTAM ISO/IEC 8571 AFT 11 restart and recovery

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ISO/IEC 8571 [9],
ICS	ISO/IEC 8571-5 [9] FTAM
IXIT	AFT 11 Restart and Recovery (EWOS ED 88 [4])
PCTR Number	
PCTR Date	
ATS specification	AFT 11 Restart and Recovery (EWOS ED 88 [4])
ATM	Remote Single Layer Test Method
Means of Testing identifier	
Conformance Status	
Conformance Status	
Static conformance errors	Yes/No
Dynamic conformance errors	Yes/No
Test Cases run	
Passed	
Failed	
Inconclusive	
Skipped	
All	
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.2.8 Protocol layer testing summary for full FTAM ISO/IEC 8571 AFT 3 management

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ISO/IEC 8571 [9],
ICS	ISO/IEC 8571-5 [9] FTAM
IXIT	AFT 3 Management (EWOS ED 88 [4])
PCTR Number	
PCTR Date	
ATS specification	AFT 11 Management (EWOS ED 88 [4])
ATM	Remote Single Layer Test Method
Means of Testing identifier	
Conformance Status	
Conformance Status	
Static conformance errors	Yes/No
Dynamic conformance errors	Yes/No
Test Cases run	
Passed	
Failed	
Inconclusive	
Skipped	
All	
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.2.9 Protocol layer testing summary for ACSE

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ISO 8649 (X.217) [11], ISO 8650 (X.227) [12]; Association Control Service Element
ICS	ISO 8650 (X.227) [12]
IXIT	ACSE ATS (EWOS ED 88 [4])
PCTR Number	
PCTR Date	
ATS specification	ACSE ATS (EWOS ED 88 [4])
ATM	Remote Single Embedded Layer Test Method
Means of Testing identifier	
Conformance Status	
Conformance Status	
Static conformance errors	Yes/No
Dynamic conformance errors	Yes/No
Test Cases run	
Passed	
Failed	
Inconclusive	
Skipped	
All	
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.2.10 Protocol layer testing summary for presentation

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ISO 8822 (X.216) [13] and ISO 8823-1 (X.226) [14]; Connection Oriented Presentation Protocol
ICS	ISO 8823-1 (X.226) [14]
IXIT	Presentation ATS (EWOS ED 88 [4])
PCTR Number	
PCTR Date	
ATS specification	Presentation ATS (EWOS ED 88 [4])
ATM	Remote Single Embedded Layer Test Method
Means of Testing identifier	
Conformance Status	
Conformance Status	
Static conformance errors	Yes/No
Dynamic conformance errors	Yes/No
Test Cases run	
Passed	
Failed	
Inconclusive	
Skipped	
All	
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.2.11 Protocol layer testing summary for session

Accreditation status	
Accreditation reference	
Implementation identifier	
IUT definition reference	
Protocol specification	ISO 8823-1 (X.226) [14] and ISO 8327 (X.225) [15]
ICS	ISO 8823-1 (X.226) [14]
IXIT	Session ATS (EWOS ED 88 [4])
PCTR Number	
PCTR Date	
ATS specification	Session ATS (EWOS ED 88 [4])
ATM	Remote Single Embedded Layer Test Method
Means of Testing identifier	
Conformance Status	
Conformance Status	
Static conformance errors	Yes/No
Dynamic conformance errors	Yes/No
Test Cases run	
Passed	
Failed	
Inconclusive	
Skipped	
All	
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
Basic FTAM	ISO/IEC 8571	ISO/IEC 8571-5	-	
Full FTAM	ISO/IEC 8571	ISO/IEC 8571-5	-	
ACSE	ISO 8649 (X.217) [11], ISO 8650 (X.227) [12]	ISO 8649 (X.217) [11]	-	
Presentation	ISO 8822 (X.216) [13] and ISO 8823-1 (X.226) [14]	ISO 8823-1 (X.226) [14]	-	
Session	ISO 8823-1 (X.226) [14] and ISO 8327 (X.225) [15]	ISO 8823-1 (X.226) [14]	-	

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 [10]			
FTAM	ETS 300 388 [1]	ETS 300 388 [1]	I-ETS 300 489-2	

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): FTAM profile conformance Test Cases count

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

Table F.1: Count of FTAM profile conformance Test Cases

Test group	Count
All Test Cases	799
Basic FTAM ISO/IEC 8571 [9] AFT11 Initiator	251
Capability tests	19
Valid behaviour tests	157
Invalid behaviour tests	75
Basic FTAM ISO/IEC 8571 [9] AFT11 Responder	197
Capability tests	16
Valid behaviour tests	124
Invalid behaviour tests	57
Full FTAM ISO/IEC 8571 [9] AFT11 Restart and Recovery	137
Capability tests initiator	12
Valid behaviour tests initiator	36
Invalid behaviour tests initiator	18
Capability tests responder	12
Valid behaviour tests responder	50
Inopportune behaviour tests responder	4
Invalid behaviour tests responder	5
Full FTAM ISO/IEC 8571 [9] AFT3 Management	96
Capability tests initiator	1
Valid behaviour tests initiator	36
Invalid behaviour tests initiator	12
Valid behaviour tests responder	37
Inopportune behaviour tests responder	3
Invalid behaviour tests responder	7
ACSE	27
Valid behaviour tests	20
Invalid behaviour tests	7
Presentation	89
Interoperability tests initiator	1
Capability tests initiator	2
Valid behaviour tests initiator	21
Invalid behaviour tests initiator	10
Interoperability tests responder	2
Capability tests responder	2
Valid behaviour tests responder	30
Invalid behaviour tests responder	21
Profile specific Test Cases	2
AFT 11 Initiator	1
AFT 11 Responder	1

History

Document history			
August 1995	Public Enquiry	PE 90:	1995-08-21 to 1995-12-15
August 1996	Vote	V 108:	1996-08-05 to 1996-09-27