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ISO/IEC JTC 1/SGFS
Title: ISO/IEC JTC 1 Special Group on Functional Standardization
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- Title : SGFS Standing Document SD-4:
Information Technology - Framework and Taxonomy of International Standardized Profiles - Directory of ISPs and Profiles contained therein
- Source : ISO/IEC JTC1/SGFS Secretariat
- Status : According to resolution 7 of the SGFS Washington Meeting, June 1992, this SGFS Standing Document SD-4 replaces the former SGFS N100 document.
- Note : As agreed in document SGFS N616 this Standing Document SD-4 should contain Abstracts of Profiles which are identified within the status tables.

Since the SGFS Washington Meeting, June 1992, these Abstracts are required as part of the Explanatory Report of the related Profiles (see SGFS Procedures, version June 1992, SGFS N601, SD-1). This means that for new profile entries these Abstracts will be automatically available.

However, for the existing Profile entries in the current status tables the Abstracts are not (yet) available.

Therefore the originators of ISPs identified within this SD-4 are requested to provide the SGFS secretariat with the related Abstracts of the Profiles.

DIRECTORY OF ISPs AND PROFILES CONTAINED THEREIN

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1. SCOPE

This document accompanies the Technical Report ISO/IEC TR10000. It provides additional information about ISPs and Profiles. It includes

- Status information about each Profile identified in the Taxonomy (Technical Report ISO/IEC TR10000-2)
- Abstract of existing or proposed Profiles
- Information about the possible joint use of A/B- and F-Profiles.

Because of the nature of the information provided, the "Directory of ISPs and Profiles contained therein" may serve as a guidebook for users of Profiles, namely product planners, developers and procurers.

The status information may be used for planning purposes: JTC1/SGFS may use it in planning its task to review PDISPs. Others may use it to determine the expected schedule for the availability of a particular Profile specification. Also, information is provided as to in which ISP a particular Profile is documented. Hence, it serves as an index to ratified ISPs.

The Abstracts of Profiles may be used by those who are interested to get an overview of available Profiles.

The information about possible joint use of A-/B-Profiles and F-Profiles is offered to users of Profiles in their process of planning or procuring real systems.

This directory is a factual record of such information as provided by Profile originators. It is subject to up-dating by the Secretariat of the JTC1 Special Group on Functional Standardization, following the corresponding rules of JTC1/SGFS.

2. REFERENCES

ISO/IEC TR10000-1: 1990, Information Technology - Framework and Taxonomy of International Standardized Profiles
Part 1: Framework

ISO/IEC TR10000-2: 1990, Information Technology - Framework and Taxonomy of International Standardized Profiles.
Part 2: Taxonomy of Profiles

3. ABBREVIATIONS

3.1 General abbreviations

CL	Connectionless-mode
CL-NS	Connectionless-mode Network Service
CL-TS	Connectionless-mode Transport Service
CO	Connection-mode
CO-NS	Connection-mode Network Service
CO-TS	Connection-mode Transport Service
CSDN	Circuit Switched Data Network
CSMA/CD	Carrier Sense, Multiple Access/Collision Detection
DAP	Directory Access Protocol
DAP	Document Application Profile
DSA	Directory Service Agent
DSP	Directory Service Protocol
DUA	Directory User Agent
FDDI	Fibre Distributed Data Interface
ISDN	Integrated Services Digital Network
ISP	International Standardized Profile
LAN	Local Area Network
MAC	Media Access Control
MTA	Message Transfer Agent
MS	Message Store
MTS	Message Transfer System
PDISP	Proposed Draft ISP
PSDN	Packet Switched Data Network
PSTN	Public Switched Telephonic Network
PVC	Permanent Virtual Circuit
QoS	Quality of Service
SGFS	JTC1/Special Group on Functional Standardization
UA	User Agent
VC	Virtual Call

3.2 Abbreviations used in Profile Identifiers

ADI	Profile sub-class: Directory
AFT	Profile sub-class: File Transfer, Access and Management
AMH	Profile sub-class: Message Handling
AOM	Profile sub-class: OSI Management
ARD	Profile sub-class: Remote Database Access
ATP	Profile sub-class: Transaction Processing
AVT	Profile sub-class: Virtual Terminal
FCG	Profile sub-class: Computer Graphics Metafile Interchange Format
FDI	Profile sub-class: Directory Data Definitions
FOD	Profile sub-class: Office Document Format
FSG	Profile sub-class: SGML Interchange format

4. ABSTRACTS OF PROFILES

For each Profile identified (either ratified or proposed) an abstract of the scope and purpose of the profile will be attached to this document. The abstract is required within the Explanatory Report provided by the originator. It should be written so that it can be clearly understood by a broad audience including people not familiar with details of standards. It is presented in the form of a executive summary of about a third of a page in length.

5. INFORMATION ABOUT THE POSSIBLE JOINT USE OF A/B- AND F-PROFILES

ISO/IEC TR 10000-1 identifies in its clause 7.3.2 potential constraints imposed by A/B- and F/Profiles and/or respective base standards about the possible joint use of A/B- and F/Profiles. In order to assist users of Profiles in their process of planning or procuring real systems, this clause will contain information provided by originators of Profiles, with regard to such constraints.

It should, however, be noted that further constraints with regard to the combination of A-/B- and F-Profiles may exist in real products, as a result of practical implementation of such Profiles.

The information contained in this clause will be taken from existing or proposed ISPs, and will be updated by the Secretariat of the Special Group. Hence, the quality and completeness of material in this clause is dependent on submissions from Profile originators. No liability whatever can therefore be assumed by the Secretariat.

6. PROFILE STATUS INFORMATION

Tables 1 to 3 show information about the status of Profiles and where they are documented in ISPs. The information in this clause will be updated by the Secretariat of the JTC1 Special Group on Functional Standardization, following the rules of JTC1/SGFS.

The following status designators are used:

- A Profile approved as (part of) ISP and published.
- S Profile submitted as (part of) PDISP, review or ballot in progress.
- T Profile Taxonomy Proposal submitted; proposal not been formally approved yet or approved but not yet published in TR10000.

As far as Table T is concerned it is to be noted that items that have not been formally approved yet are included for advance information only and may subsequently be removed if they do not get approved. Inclusion of a taxonomy item in this table does not imply any preliminary approval that could be taken in consideration in a ballot response.

Table 1 - Profile status information: Status A

Profile Identifier	Profile Title (short)	"Maintenance organization"	ISP and part number
	Specification of ACSE, Presentation and Session Protocols for the use by FTAM (AFTnn)	EWOS	10607-1
	Definition of Document Types, Constraint Sets and Syntaxes (AFTnn)	EWOS	10607-2 10607-2/AD1
AFT11	Simple File Transfer	EWOS	10607-3
AFT12	Positional File Transfer	EWOS	10607-4
AFT22	Positional File Access	EWOS	10607-5
AFT3	File Management	EWOS	10607-6
	OSI Management - Specification of ACSE, Presentation and Session Protocols for the use by ROSE and CMISE (AOMnn)	EWOS	11183-1*
AOM11	OSI Management - Basic Management Communications	EWOS	11183-3*
AOM12	OSI Management - Enhanced Management Communications	EWOS	11183-2*
FOD11	Simple document structure - character content only	AOW	10610-1*
FOD26	Enhanced document structure - Character, raster graphics and geometric graphics content architecture	EWOS	11181-1*
FOD36	Extended document structure - Character, raster graphics and geometric graphics content architecture	OIW	11182-1*
	General overview and Subnetwork-independent requirements for Group TA	COS	10608-1*
TA51	CO-TS over CL-NS in LAN with CSMA/CD	COS	10608-2*
	Subnetwork-type independent requirements for Group TB	POSI	10609-1
	Subnetwork-type independent requirements for Group TC	POSI	10609-2

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Table 1 (continued): Profile status information: Status A

Profile Identifier	Profile Title (short)	"Maintenance organization"	ISP and part number
	Subnetwork-type independent requirements for Group TD	POSI	10609-3
	Subnetwork-type independent requirements for Group TE	POSI	10609-4
TA1111 TA1121	CO-TS over CL-NS in PSDN, permanent access	COS	10608-5*
TB1111	CO-TS over CO-NS in PSDN; permanent access via PSIN leased line; VC: Transport Protocol classes: 0 + 2 + 4	POSI	10609-5
TB1121	CO-TS over CO-NS in PSDN; permanent access via digital data circuit or CSDN leased line; VC: Transport Protocol classes: 0 + 2 + 4	POSI	10609-5
TC1111	CO-TS over CO-NS in PSDN; permanent access via PSTN leased line; VC: Transport Protocol classes: 0 + 2	POSI	10609-6
TC1121	CO-TS over CO-NS in PSDN; permanent access via digital data circuit or CSDN leased line; VC: Transport Protocol classes: 0 + 2	POSI	10609-6
TD1111	CO-TS over CO-NS in PSDN; permanent access via PSTN leased line; VC: Transport Protocol class: 0	POSI	10609-7
TD1121	CO-TS over CO-NS in PSDN; permanent access via digital data circuit or CSDN leased line; VC: Transport Protocol classes: 0	POSI	10609-7
TE1111	CO-TS over CO-NS in PSDN; permanent access via PSTN leased line; VC: Transport Protocol class: 2	POSI	10609-8
TE1121	CO-TS over CO-NS in PSDN; permanent access via digital data circuit or CSDN leased line; VC: Transport Protocol classes: 2	POSI	10609-8

Table 1 (concluded): Profile status information: Status A

Profile Identifier	Profile Title (short)	"Maintenance organization"	ISP and part number
	Subnetwork-type dependent requirements for Network Layer, Data Link Layer and Physical Layer concerning permanent access to a packet switched data network using Virtual call (TB/TC/TD/TEnnnn)	POSI	10609-9

* approved but not yet published

Table 2 - Profile status information: Status S

Profile Identifier	Profile Title (short)	Organization having submitted the PDISP	Schedule for review(R) or ballot (B) if known	ISP Identifier
	OSI Management - Common Mngmnt. Functions - Common definitions (AOM2nn)	AOW	submitted to ITTF for DISP Ballot	12059-0
	OSI Management - Common Mngmnt. Functions - Object Management (AOM2nn)	AOW	submitted to ITTF for DISP Ballot	12059-1
	OSI Management - Common Mngmnt. Functions - State Management (AOM2nn)	AOW	submitted to ITTF for DISP Ballot	12059-2
	OSI Management - Common Mngmnt. Functions - Attributes for Representing Relationships (AOM2nn)	AOW	submitted to ITTF for DISP Ballot	12059-3
	OSI Management - Common Mngmnt. Functions - Alarm Reporting (AOM2nn)	AOW	submitted to ITTF for DISP Ballot	12059-4
	OSI Management - Common Mngmnt. Functions - Event Report Management (AOM2nn)	AOW	submitted to ITTF for DISP Ballot	12059-5
	OSI Management - Common Mngmnt. Functions - Log Control (AOM2nn)	AOW	submitted to ITTF for DISP Ballot	12059-6
AOM211	OSI Management - Management Functions - General Management Capability	AOW	submitted to ITTF for DISP Ballot	12060-1
AOM212	OSI Management - Management Functions - Alarm Reporting and State Management Capabilities	AOW	submitted to ITTF for DISP Ballot	12060-2
AOM213	OSI Management - Management Functions - Alarm Reporting Capabilities	AOW	submitted to ITTF for DISP Ballot	12060-3

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Table 2 (continued): Profile status information: Status S

Profile Identifier	Profile Title (short)	Organization having submitted the PDISP	Schedule for review(R) or ballot (B) if known	ISP Identifier
AOM221	OSI Management - Management Functions - General Event Report Management	AOW	submitted to ITTF for DISP Ballot	12060-4
AOM231	OSI Management - Management Functions - General Log Control	AOW	submitted to ITTF for DISP Ballot	12060-5
	Relaying CLNS - Relay function, overv., subnetw.indep. (RAnn.nn)	EWOS	Ballot terminates 1993-02-22	10613-1
	Relaying CLNS - LAN subnetw. depend. media indep. requ. (RAnn.nn)	EWOS	Ballot terminates 1993-02-22	10613-2
	Relaying CLNS - LAN CSMA/CD subn. depend. media dep. requ. (RAnn.nn)	EWOS	Ballot terminates 1993-02-22	10613-3
RA51.51	Relaying CLNS - CMSA/CD - CMSA/CD	EWOS	Ballot terminates 1993-02-22	10613-5
TA53	COTS over CLNS, LLC1, Token Ring LAN	EWOS	Ballot terminates 1993-02-22	10608-4
	COTS over CLNS - LAN dep. requ. for Token Ring MAC and PHY (TAnnn)	EWOS	Ballot terminates 1993-02-22	10608-13
	COTS over CONS: LAN Subnetwork dependent media independent requ. (TB/TC/TD/TEnnnn)	EWOS	submitted to ITTF for DISP Ballot	10609-10
	COTS over CONS: LAN Subnetwork dependent media dependent requ. (TB/TC/TD/TEnnnn)	EWOS	submitted to ITTF for DISP Ballot	10609-11
TA54	COTS over CLNS - def. of profile TA54 for FDDI LAN subnetwork	EWOS	Review terminates 1992-10-20	10608-6

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Table 2 (continued): Profile status information: Status S

Profile Identifier	Profile Title (short)	Organization having submitted the PDISP	Schedule for review(R) or ballot (B) if known	ISP Identifier
	COTS over CLNS - MAC, PHY, PMD sublayer dep. stat. mngmnt. requ. over FDDI LAN subnetwork	EWOS	Review terminates 1992-10-20	10608-14
TC51	COTS classes 0 and 2, CONS, LLC2, CSMA/CD LAN	EWOS	submitted to ITTF for DISP Ballot	10609-12
	COTS over CONS: MAC Sublayer and Physical Layer Dependent Requirements for Token Ring Local Area Network (TB/TC/TD/TEnnnn)	EWOS	submitted to ITTF for DISP Ballot	10609-13
TC53	COTS classes 0 and 2, CONS, LLC2, Token Ring LAN	EWOS	submitted to ITTF for DISP Ballot	10609-14
	MAC Service relay using transparant bridging - Gen. overview and subnetw. indep. requ. (RDnn.nn)	EWOS	submitted to ITTF for DISP Ballot	10612-1
	MAC Service relay using transparant bridging - CSMA/CD LAN subnetw.dep. media depend. (RDnn.nn)	EWOS	submitted to ITTF for DISP Ballot	10612-2
RD51.51	MAC Service relay using transparant bridging - CSMA/CD - CSMA/CD	EWOS	submitted to ITTF for DISP Ballot	10612-4
	Relaying CLNS - PSDN subn. dep. media dep. VC perm. acc. (RAnn.nn)	EWOS	Ballot terminates 1993-02-15	10613-7
RA51.1111	Relaying CLNS - CSMA/CD-PSDN, perm. acc., PSTN leased, VC	EWOS	Ballot terminates 1993-02-15	10613-8
RA51.1121	Relaying CLNS - CSMA/CD-PSDN, perm. acc., CSDN leased VC	EWOS	Ballot terminates 1993-02-15	10613-9

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Table 2 (concluded): Profile status information: Status S

Profile Identifier	Profile Title (short)	Organization having submitted the PDISP	Schedule for review(R) or ballot (B) if known	ISP Identifier
	Relaying the X.25 PLP - Gen. overview and subnetw. indep. requ. (RCnn.nn)	EWOS	submitted to ITTF for DISP Ballot	10614-1
	Relaying the X.25 PLP - LAN subnetw. dep. media independ. requ. (RCnn.nn)	EWOS	submitted to ITTF for DISP Ballot	10614-2
	Relaying the X.25 PLP - CSMA/CD LAN subnetw. dep. media depend. (RCnn.nn)	EWOS	submitted to ITTF for DISP Ballot	10614-3
	Relaying the X.25 PLP - PSDN subnetw. type dependent requ. (RCnn.nn)	EWOS	submitted to ITTF for DISP Ballot	10614-4
RC51.1111	Relaying the X.25 PLP - CSMA/CD-PSDN, perm. acc. PSTN leased, VC	EWOS	submitted to ITTF for DISP Ballot	10614-5
RC51.1121	Relaying the X.25 PLP - CSMA/CD-PSDN, perm. acc. CSDN leased, VC	EWOS	submitted to ITTF for DISP Ballot	10614-6

Table 3: Profile status information: Status T
(Taxonomy change proposals)

profile identifier	title	related SGFS document	Date of submission	status
FOD	Office Document Architecture	N 709	92-11-04	IH

Status indication:

- IH : Independent Harmonized Taxonomy Change Proposal (ref: SGFS Procedures, cl.3.2)
- CG : Combined Taxonomy/DISP Ballot (ref: Procedures, cl.3.3)
- A : Approved Taxonomy but not yet in TR10000
- SB : Seperate Taxonomy Ballot (ref: Procedures, cl.3.4)

7. Cross-References ISP-Identifiers vs. Profile-Identifiers

ISP- Identifier	Profile Identifier	Short Title
10607	AFT	FTAM
10608	TA	COTS over CLNS
10609	TB/TC/TD/TE	Permanent access via PSTN; VC
10610	FOD11	ODA-Simple Document Structure
10611	AMH	MHS
10612	RD	MAC service relay
10613	RA	Relaying CLNS
10614	RC	Relaying X.25 PLP
10615	ADI	Directory
10616	FDI11	Common Directory Use
11181	FOD26	ODA-Enhanced Document Structure
11182	FOD36	ODA-Extended Document Structure
11183	AOM	OSI Management
11184	FVT1	VT-Reg. of VTE-profiles
11185	FVT2	VT-Reg. of control obj. type def.
11186	FVT3	VT-Reg. of assignment type def.
11187	AVT	VT-Application profiles
11188	n.a.	Common Upper Layer Requirements
11189	FDI2	MHS Use of the Directory
11190	FDI3	FTAM Use of the Directory
12059	AOM2nn	OSI Management - Common Management
12060	AOM2nn	OSI Management - Management Functions
12061	ATP	Transaction Processing

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Profile Identifier	ISP Identifier	Short Title
ADI	10615	Directory
AFT	10607	FTAM
AMH	10611	MHS
AOM	11183	OSI Management
AOM2nn	12059	OSI Management - Common Management
AOM2nn	12060	OSI Management - Management Functions
ATP	12061	Transaction Processing
AVT	11187	VT-Application profiles
FDI11	10616	Common Directory Use
FDI2	11189	MHS Use of the Directory
FDI3	11190	FTAM Use of the Directory
FOD11	10610	ODA-Simple Document Structure
FOD26	11181	ODA-Enhanced Document Structure
FOD36	11182	ODA-Extended Document Structure
FVT1	11184	VT-Reg. of VTE-profiles
FVT2	11185	VT-Reg. of control obj. type def.
FVT3	11186	VT-Reg. of assignment type def.
RA	10613	Relaying CLNS
RC	10614	Relaying X.25 PLP
RD	10612	MAC service relay
TA	10608	COTS over CLNS
TB/TC/TD/TE	10609	Permanent access via PSTN; VC
n.a.	11188	Common Upper Layer Requirements

