

## Annex H (normative)

### Templates for registration proposals

#### H.1 Introduction

This annex contains a set of blank forms that may be used to create proposals for various types of SRM registered items as specified in [Clause 13](#).

These forms include four common initial elements that apply to all instances of SRM concepts that can be registered. These common elements are described in [Table H.1](#).

**Table H.1 — Common registration proposal specification elements**

Element	Definition
<b>Date of proposal</b>	Date the registration proposal is submitted.
<b>Sponsoring authority</b>	Sponsor of the registration proposal.
<b>Justification for inclusion</b>	Justification for the registration proposal.
<b>Additional comments</b>	Any additional comments on the registration proposal.

#### H.2 Proposal for the registration of a CS

Each proposal for the registration of a CS shall provide values of all of the elements contained in [Table H.1](#) and in [Table H.2](#). The required contents of the specification column are described in [Table 5.5](#).

**Table H.2 — Coordinate system registration proposal elements**

Element	Specification
<b>Description</b>	
<b>CS label</b>	
<b>Function type</b>	
<b>CS descriptor</b>	
<b>Properties</b>	
<b>CS parameters and constraints</b>	
<b>Coordinate-components</b>	
<b>Domain of the generating function or mapping equations</b>	

Element	Specification
Generating function or mapping equations	
Domain of the inverse of the generating function or mapping equations	
Inverse of the generating function or mapping equations	
COM	
Point distortion	
Figures	
Notes	
References	

### H.3 Proposal for the registration of a temporal CS

Each proposal for the registration of a temporal CS shall provide values of all of the elements contained in [Table H.1](#) and in [Table H.3](#). The required contents of the specification column are described in [Table 6.1](#).

**Table H.3 — Temporal coordinate system registration proposal elements**

Element	Specification
Temporal CS label	
Description	
Epoch	
Unit of duration	
Relationship to TAI	
References	

### H.4 Proposal for the registration of an RD

Each proposal for the registration of an RD shall provide values of all of the elements contained in [Table H.1](#) and in [Table H.4](#). The required contents of the specification column are described in [Table 7.9](#).

**Table H.4 — RD registration proposal elements**

Element	Specification
RD label	
Description	
Physical object	

Element	Specification
Parameters	
Date	
References	

## H.5 Proposal for the registration of an ORMT

Each proposal for the registration of an ORMT shall provide values of all of the elements contained in [Table H.1](#) and in [Table H.5](#). The required contents of the specification column are described in [Table 7.11](#).

**Table H.5 — ORMT registration proposal elements**

Element	Specification
ORMT label	
Description	
RD set	
Binding constraints	
Notes	

## H.6 Proposal for the registration of an ORM

Each proposal for the registration of an ORM shall provide values of all of the elements contained in [Table H.1](#) and in [Table H.6](#). The required contents of the specification column are described in [Table 7.15](#).

**Table H.6 — ORM registration proposal elements**

Element	Specification
ORM label	
Published name	
Reference ORM	
Binding information	
Region	
ORMT label	
RD parameterization	
Reference transformation	Repeat as needed using <a href="#">H.7</a> .
References	

## H.7 Proposal for the registration of a reference transformation

Each proposal for the registration of an RT shall provide values of all of the elements contained in [Table H.1](#) and in [Table H.7](#). The required contents of the specification column are described in [Table 7.16](#).

**Table H.7 — RT registration proposal elements**

Element	Specification
ORM label	
RT label	
RT region	
RT parameters	
Date published	
References	

## H.8 Proposal for the registration of an OBRS

Each proposal for the registration of an OBRS shall provide values of all of the elements contained in [Table H.1](#) and in [Table H.8](#). The required contents of the specification column are described in [Table 7.17](#).

**Table H.8 — OBRS registration proposal elements**

Element	Specification
OBRS label	
Short name	
Object restrictions	
Object binding rules	
Figures	
References	

## H.9 Proposal for the registration of an SRFT

Each proposal for the registration of an SRFT shall provide values of all of the elements contained in [Table H.1](#) and in [Table H.9](#). The required contents of the specification column are described in [Table 8.2](#) except where noted otherwise.

**Table H.9 — SRFT registration proposal elements**

Element	Specification
SRFT label	
Short name and description	
Object or object type	

Element	Specification
ORM constraint	
CS label	
CS coordinate component names and/or symbols	
Template parameters	
CS parameter binding rules	
Coordinate valid-region	
API base SRF class	See <a href="#">13.3.8</a> guideline (i).
API SRF class name	See <a href="#">13.3.8</a> guideline (j).
API SRF parameter structure	See <a href="#">13.3.8</a> guideline (k).
API coordinate structure	See <a href="#">13.3.8</a> guideline (l).
Notes	
References	

## H.10 Proposal for the registration of an SRF

Each proposal for the registration of an SRF shall provide values of all of the elements contained in [Table H.1](#) and in [Table H.10](#). The required contents of the specification column are described in [Table 8.30](#).

**Table H.10 — SRF registration proposal elements**

Element	Specification
SRF label	
Short name	
SRF template	
ORM label	
Valid-region	
Parameter values	
Notes	
References	

## H.11 Proposal for the registration of an SRF set

Each proposal for the registration of an SRF set shall provide values of all of the elements contained in [Table H.1](#) and in [Table H.11](#). The required contents of the specification column are described in [Table 8.46](#).

Table H.11 — SRF set registration proposal elements

Element	Specification
SRFS label	
Short name	
SRF template	
ORM constraints	
Coverage description	
SRF set membership	Use <a href="#">Table H.12</a> as needed.
Notes	
References	

In the case that the SRF set membership is specified through an explicit parameterized list of members, each proposal for the registration of an SRF set member shall provide values of all of the elements contained in [Table H.12](#). The required contents of the specification column are described in [Table 8.47](#).

Table H.12 — SRF set member registration proposal elements

Element	Specification
SSM label	
Short name	
Valid-region	
Parameter values	
Notes	

## H.12 Proposal for the registration of a DSS

Each proposal for the registration of a DSS shall provide values of all of the elements contained in [Table H.1](#) and in [Table H.13](#). The required contents of the specification column are described in [Table 9.1](#).

Table H.13 — DSS registration proposal elements

Element	Specification
DSS label	
Description	
Global/local	
Model	
Notes	
References	

### H.13 Proposal for the registration of a profile

Each proposal for the registration of a profile shall provide values of all of the elements contained [Table H.1](#) and in [Table H.14](#). The required contents of the specification column are described in [Table 12.1](#).

**Table H.14 — Profile registration proposal elements**

Element		Specification
Profile label		
Description		
ORM profile set		
SRFT profile set		
SRF profile set		
SRFS profile set		
DSS profile set		
SRFT accuracy	Repeat as needed.	
	SRFT label(s)	
	Error bounds	
	Accuracy domain template	

### H.14 Proposal for the registration of a reference

Each proposal for the registration of a reference shall provide values of all of the elements contained in [Table H.1](#) and in [Table H.15](#). The required contents of the specification column are described in [13.2.5](#). A reference alone shall not be registered. A new reference shall not be added for a concept that is already registered.

**Table H.15 — Reference registration proposal elements**

Element		Specification
Identifier		
Reference		
Type (normative or informative)		

<http://standards.iso.org/ittf/PubliclyAvailableStandards/>

