

ISO/IEC 11179-6:2005-01 (E)

Information technology - Metadata registries (MDR) - Part 6: Registration

Contents		Page
Foreword		vi
Introduction		vii
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Concept of operation	4
4.1	Administered Items	4
4.1.1	Administered Item types	4
4.1.2	Identification of Administered Items	4
4.1.3	Status categories	5
4.2	Procedures	8
5	Metadata Registries of Administered Items	9
5.1	General	9
5.2	Contents	9
5.2.1	Metadata Registry Views	9
5.2.2	Metadata Registry Contents and Levels of Conformance	9
5.2.3	Metadata Registry Contents and Types of Administered Items	9
5.3	Language(s)	10
5.4	Availability of the Metadata Registry of Administered Items	10
6	Conformance	10
	Annex A (normative) Administered Item Identifiers	11
A.1	General	11
A.2	Components of International Registration Data Identifier (IRDI)	11
A.3	Assignment of Values to International Registration Data Identifier (IRDI) Components	11
A.3.1	Assignment	11
A.3.2	Assignment of Registration Authority Identifier (RAI)	11
A.3.3	Assignment of Data Identifier (DI)	12
A.3.4	Assignment of Version Identifier (VI)	12
A.4.1	Organization Code Structure	13
	Annex B (normative) Contents of the Metadata Registry: Metadata attributes required for Administered Items	15
B.1	Introduction	15
B.3	Metadata attribute requirements at each registration status	24
	Annex C (informative) Suggested functional operating procedures -- Roles and Responsibilities	39
C.1	Introduction	39
C.2	Roles associated with the Metadata Registry	40
C.2.1	General	40
C.2.2	Role of Registration Authorities (RA)	40
C.2.3	Role of Responsible Organizations (RO)	40

C.2.4	Role of Submitting Organizations (SO)	41
C.2.5	Role of Others	41
C.3	Responsibilities of Registration Acting Bodies (RAB)	41
C.3.1	Responsibilities of Registration Authorities (RA)	41
C.3.2	Responsibilities of Responsible Organizations (RO)	42
C.3.3	Responsibilities of Submitting Organizations (SO)	42
C.4	Responsibilities of Organizations within Registration Acting Bodies	43
C.4.1	Registrar	43
C.4.2	Stewards	44
C.4.3	Submitters	44
C.4.4	Read-only users	44
C.4.5	Control Committee	45
C.4.6	Executive Committee (ExCom)	45
Annex D (informative) Suggested functional operating procedures -- Concept of operations		46
D.1	Registration concept of operations	46
D.2	Registration initiation	47
D.3	Quality review	47
D.4	Metadata Registry administration	47
Annex E (informative) Suggested functional operating procedures -- Procedures		48
E.1	General procedures	48
E.1.1	Review and Response	48
E.1.2	Rejection Criteria	48
E.1.3	Revision and review procedures	48
E.1.4	Revision procedures	48
E.1.5	Review procedures	49
E.1.6	Dispute resolution	50
E.2	Progression through registration status categories	50
E.2.1	General	50
E.2.2	"Incomplete" status Administered Items	50
E.2.3	"Candidate" status Administered Items	51
E.2.4	"Recorded" status Administered Items	51
E.2.5	"Qualified" status Administered Items	52
E.2.6	"Standard" status Administered Items	53
E.2.7	"Preferred Standard" status Administered Items	53
E.2.8	"Retired" status Administered Items	54
E.2.9	"Superseded" status Administered Items	54
E.2.10	"Historical" status Administered Items	54
E.2.11	"Application" status Administered Items	54
E.3	Change management procedures	55
E.3.1	Change procedures for Administered Items in the metadata register	55
E.3.2	Retirement procedures for Administered Items in the metadata register	55
E.3.3	Superseding procedures for Administered Items in the metadata register	55
E.3.4	Change management procedures	56
Annex F (informative) Suggested functional operating procedures -- Harmonization and reuse		57
F.1	Introduction	57
F.2	Identification and Resolution of Metadata Harmonization Issues	57
Annex G (informative) Frequently Asked Questions		59
Bibliography		62
Figures Figure A.1 -- Structure of International registration Data Identifier (IRDI)		12
Figure C-1 -- Organizational roles to the Metadata Registry and their relationships		39
Figure D.1 -- Registration functional activities		46

Tables Table 1 -- Registration status levels and criteria	6
Table B-1 -- Metadata attributes for Administered Items	16
Table B-2 -- Required elementary metadata attributes at each registration status	24
Table B-3 -- "Incomplete Status" -- Required Metadata Attributes	29
Table B-4 -- "Candidate" Status -- Required Metadata Attributes	30
Table B-5 -- "Recorded" Status -- Required Metadata Attributes	31
Table B-6 -- "Qualified" Status -- Required Metadata Attributes	32
Table B-7 -- "Standard" Status -- Required Metadata Attributes	33
Table B-8 -- "Preferred Standard" Status -- Required Metadata Attributes	34
Table B-9 -- "Retired" Status -- Required Metadata Attributes	35
Table B-10 -- "Superseded" Status -- Required Metadata Attributes	36
Table B-11 -- "Application" Status -- Required Metadata Attributes	37
Table B-12 -- "Historical" Status -- Required Metadata Attributes	38