

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 |