

2016

TC46 on Information and documentation has been leading efforts related to information management since 1947. Standards¹ developed under ISO/TC46 facilitate access to knowledge and information and standardize automated tools, computer systems, and services relating to its major stakeholders of: libraries, publishing, documentation and information centres, archives, records management, museums, indexing and abstracting services, and information technology suppliers to these communities. TC46 has a unique role among ISO information-related committees in that it focuses on the whole lifecycle of information from its creation and identification, through delivery, management, measurement, and archiving, to final disposition.

The following report summarizes activities of TC46, SC4, SC8 SC9² and their resolutions of the annual meetings³, in light of the key-concepts of interest to the IFLA community⁴.

1. SC4 Technical interoperability

1.1 Activities

Standardization of protocols, schemas, etc. and related models and metadata for processes used by information organizations and content providers, including libraries, archives, museums, publishers, and other content producers.

1.2 Active Working Group

WG 11 – RFID in libraries

WG 12 – WARC

WG 14 – Interlibrary Loan Transactions

WG 15 - Metadata and protocols for long-term preservation

¹ For the complete list of published standards, *cfr.* Appendix A.

² ISO TC46 Subcommittees: [TC46/SC4](#) Technical interoperability; [TC46/SC8](#) Quality - Statistics and performance evaluation; [TC46/SC9](#) Identification and description; [TC46/SC 10](#) Requirements for document storage and conditions for preservation; [TC46/SC11](#) Archives/records management - *Cfr* Appendix B.

³ The 43rd ISO TC46 plenary, subcommittee and working groups meetings, Wellington, New Zealand, May 9-13 2016.

⁴ Abbreviations used in the text: CD=Committee Draft / DIS=Draft International Standard / FDIS= Final Draft International Standard / JWC=Joint Working Group / NP= New Project / NWI= New Work Item / SC=Subcommittee / TC=Technical Committee / TS=Technical Specification / WG=Working Group / CIB=Committee-Internal Ballot.

1.3 Joint working groups

EPUB (Joint JTC 1/SC 34-TC46/SC4-IEC/TC 100/TA 10)

Revision of ISO 639 (Joint ISO/TC 37/SC 2 - ISO/TC46/SC4)

1.4 Standards completed since Last Meeting (Beijing, June 2015) and new publications

- ISO 10160:2015 (Open Systems Interconnection -- Interlibrary Loan Application Service Definition)

This international standard defines the services for Interlibrary Loan. These services are provided by the use of the ILL protocol in conjunction with the supporting telecommunications service which might be a store-and-forward messaging service. ISO 10160:2015 is intended for use by libraries, information utilities such as union catalogue centres, and any other system which processes bibliographic information. These systems might participate in an interlibrary loan transaction in the role of requester (i.e. an initiator of ILL requests), responder (i.e. a provider of bibliographic material or information) and/or intermediary (i.e. an agent that acts on behalf of a requester to find suitable responders).

1.5 News about standards and activities

Projects underway

Revision of ISO 28500 (WARC): Only minor changes are needed

The WARC (Web ARChive) file format offers a convention for concatenating multiple resource records (data objects), each consisting of a set of simple text headers and an arbitrary data block into one long file.

ISO/CD 20614 Data Exchange Protocol for Interoperability and Preservation (DEPIP)

This international standard facilitates information transfer between digital asset management systems and digital archives. It is based on French national standard MEDONA, published in 2014. The CD was approved and the DIS vote will be in Autumn 2016.

Fast track standardization of OASIS SRU (Search and retrieve via URLs) standard; successor of ISO 23950 (Z39.50).

OASIS has been a Category A liaison of TC 46/SC 4 since 2014.

Revision of the Dublin Core standard, in close cooperation with Dublin Core Metadata Initiative

ISO 15836:2009 (The Dublin Core metadata element set) covers only the so called 15 core elements of the metadata format. These core elements are also known as properties in the /elements/1.1/ namespace1, and they represent only a small subset of the specification, which consists of, among other things, 40 additional

properties and 22 classes. Although ISO 15836:2009 has served the users well, it is necessary to check and, if necessary, revise definitions of the terms, because some of them are outdated. More importantly, it is necessary to extend the ISO standard so that it covers all relevant properties and classes from the Dublin Core specification. Dublin Core metadata initiative and ISO TC 46/SC 4 established an informal working group with the task of revising the ISO standard. The group has now completed its work by releasing two documents.

Final Draft International Standard ISO/FDIS 15836-1 is a revised version of the existing standard. Compared with its predecessor, the revision contains updated term definitions and some editorial changes required by ISO.

It still contains the 15 core elements and their names have not changed. Since the changes to the existing standard can be regarded as minor, the revised document can be passed directly to the FDIS vote, which will be the first and only vote in the process. Once ISO/FDIS15836-1 has been approved, DCMI intends to update the Web version of the Dublin Core specification so that the two versions are aligned. ISO/NWIP 15836-2 is a New Work Item Proposal, which contains the 40 properties and 22 classes missing from Part 1 of the standard.

As in Part 1, definitions have been updated. Since the changes to the existing standard can be regarded as minor, the secretariat recommends that the revised document is approved as Draft International Standard (DIS).

Once ISO 15836-2 has been approved, DCMI intends to update the Web version of the Dublin Core specification so that the two versions are aligned.

Long term preservation of EPUB3 documents: JWG is working on three documents:

- Principles
- Metadata specification
- Schema

1.6 Relevant resolutions 2016 (SC4 Plenary meeting - Wellington, New Zealand, May 11, 2016)

Minor revision of ISO 28560-2:2014 (RFID in libraries, part 2: Encoding of RFID data elements based on rules from ISO/IEC 15962)

This international standard specifies a data model and encoding rules for the use of radio frequency identification (RFID) tags for items appropriate for the needs of all types of libraries.

Minor revision of ISO 18626 (Interlibrary Loan Transactions)

This International Standard specifies the transactions between libraries or libraries and other agencies to handle requests for library items and the following exchange of messages.

Minor revision of ISO 15836:2009

SC4 requests ISO 15836 to become ISO 15836-1 Information and documentation - The Dublin Core metadata element set – Part 1: Core elements;

Upon approval from DCMI, SC 4 will launch a NWIP on ISO/DIS 15836-2 Information and documentation - The Dublin Core metadata element set – Part 2: DCMI Properties and classes.

2. SC8 Quality – Statistics and performance evaluation

2.1 Activities

Standardization of quantitative and qualitative data for the management of information organizations and content providers, e.g., libraries, archives, museums and publishers.

2.2 Active Working Groups

WG 2 - International library statistics

WG 4 - Performance indicators for libraries

WG 7 – Quality measures for national libraries

WG 8 – Statistical data for library buildings

WG 9 – Statistics and quality issues for web archiving

WG 10 – Methods and procedures for assessing the impact of libraries

WG 11 – International museum statistics

WG 12 – International archive statistics

2.3 Standards completed since Last Meeting (Beijing, June 2015) and new publications

- ISO 18461:2016 International museum statistics

This international standard specifies rules for the museum community on the collection and reporting of statistics. It provides definitions and counting procedures for all types of resources and services that museums offer to their users.

2.4 News about standards and activities

WG2 - *Library statistics*

WG 2 met in Vienna on October 15, 2015 to discuss new developments for a next revision of ISO 2789 (International library statistics). This international standard specifies rules for the library and information services community on the collection and reporting of statistics:

WG 4 - *Performance indicators for libraries*

WG 4 met in Vienna on October 14, 2015 to discuss new developments for a next revision of ISO 11620 (Library performance indicators).

WG 7 – *Quality measures for national libraries*

ISO/NP 21248 (Quality assessment for national libraries) was initiated on February, 2016 with the extended track standardization (48 months).

WG10 - *Methods and procedures for assessing the impact of libraries*

WG 10 met in Vienna on October 2015, to discuss new developments for a next revision of ISO 16439 (Methods and procedures for assessing the impact of libraries).

WG 11 – *International museum statistics*

ISO 18461 (International museum statistics) was published on March 2016.

ISO/NP 21246 (Key indicators for museums) was initiated on February 2016 with the extended track standardization(48 months).

WG 12 – International archives statistics

WG 12 met in Vienna on October 13 to 16, 2015 to develop the committee draft of ISO 19580 (International archives statistics).

2.5 Relevant resolutions 2016 (SC8 Plenary meeting - Wellington, New Zealand, May 12, 2016)

Revision of ISO 2789 (International Library Statistics): SC 8 requests experts of WG 2 to collect contributions for the revision of this international standard.

Revision of ISO 11620 (Library Performance Indicators)

SC 8 requests experts of WG 4 to collect contributions for the revision of this international standard.

New standard ISO/NP 21248 (Quality assessment for national libraries)

SC 8 requests experts of WG 7 to meet on 20 and 21 June 2016 in Frankfurt am Main Germany to begin work on the new standard.

Revision of ISO 16439 (Methods and procedures for assessing the impact of libraries)

SC8 requests experts of WG 10 to collect contributions for the revision of this international standard.

New standard ISO/NP 21246 (Key indicators for museums)

SC 8 requests experts of WG 11 to meet later in 2016 to work on the new standard.

Committee draft of of ISO19580 (International archives statistics)

SC 8 requests WG12 to prepare a full committee draft at a meeting later in 2016.

3. SC9 Identification and Description

3.1 Activities

Standardization of information identifiers, description and associated metadata and models for use in information organizations (including libraries, museums and archives) and the content industries (including publishing and other content producers and providers).

3.2 Active Working Group

WG 2 - International standard work code (ISWC)

WG 4 - International Standard Book Number (ISBN)

WG 10 - International Standard Recording Code (ISRC)

WG12 - Indexes and indexing

WG13 - International library item identifier(ILII)

Ad hoc Identifiers Interoperability Group

Ad hoc Registration Authorities

3.3 New Work Items

None.

3.4 Standards completed since Last Meeting (Beijing, June 2015) and new publications

ISO 17316:2015 (International standard link identifier).

[PENDING] ISO 3297:2007 International standard serial number (ISSN), Minor Editorial Revision approved by SC9 on April 2016⁵.

⁵ The ISSN International Centre is the Registration Authority for ISO 3297. ISO 3297 was first published in 1975 and last revised in 2007. In 2010-2011, the standard came under systematic revision and was confirmed.

On April 2016, a five-month ballot on systematic revision was launched.

The ISSN International Centre is asking for a revision/amend in the Systematic Review ballot.

The ISSN International Centre considers that a revision of ISO 3297 is now justified for the reasons detailed below:

- **Defining what “editions” represent in the digital world:** The ISSN standard states that “different ISSN and key titles shall be assigned to the different editions”. It may be useful to define further what to consider a “different edition” in the context of digital publishing.

- **Revising the list of mandatory and facultative ISSN metadata:** Consistency should be ensured with other bibliographic standards.

- **Granularity of ISSN assignment:** An ISSN currently identifies a unique title on a specific medium, while the ISSN-L identifies a unique title whatever the medium may be. The creation of a “meta-ISSN” identifying a same title through history and whatever the title changes may be or the possibility to use the ISSN in the identification of subparts of a serial, e.g. issues, could be further investigated.

- **Use of ISSN and ISSN-L with other identification and linking systems:** The relationships between ISSN and other identifiers or the use of ISSN in the linked data environment may come under consideration.

3.5 News about standards and activities

WG 2 - International standard work code (ISWC)

Following the systematic review and a draft new work item proposal a resolution was made to revise this standard: ISO/NP 15707 (ISWC)

The working group has been unable to begin its work because an insufficient number of member

bodies have registered experts for the group to begin its work.

WG 4 - International Standard Book Number (ISBN)

Following the approval of the CD ballot, WG 4 responded to the submitted comments and provided a revised draft for DIS ballot. That ballot was issued on February 2016 and the ballot closed on May 2016.

WG 10 - International Standard Recording Code (ISRC)

WG10 settled a significant remaining issue and submitted a draft for circulation as a DIS.

There were some editorial errors that were a result of the Secretariat's review, which required a revision of the DIS be recirculated.

WG 11 - International standard link identifier (ISLI)

ISO International standard link identifier (ISLI) was published on May 15, 2015 and WG 11 was disbanded. The ICIA, the Registration Authority for ISLI, was approved as a Category-A Liaison by ballot.

WG12 - Indexes and indexing

A report of the recommendation of WG12 regarding the gap analysis between ISO 999 (Guidelines for the content, organization and presentation of indexes) and ISO 5963 (Methods for examining documents, determining their subjects, and selecting indexing terms) was circulated for consideration during the SC9 Plenary meeting in Wellington, New Zealand. (May 11, 2016).

WG13 - International library item identifier (ILII)

WG 13 moved quickly to produce a committee draft, which was submitted to the SC9 Secretariat and has been held for editorial review. That CD ballot circulated in early May 2016.

3.6 Relevant resolutions 2016 (SC9 Plenary meeting - Wellington, New Zealand, May 12, 2016)

Minor Revision of ISO 3297 (International standard serial number - ISSN) [see note, p. 7]
SC 9 acknowledges the results of the vote on the minor editorial revision of ISO 3297 and requests ISO CS to proceed with publishing the minor revision of the standard.

International Library Item Identifier

SC 9, having received a draft from WG 13, instructs its Secretariat to prepare for distribution a CD Ballot of the draft before May 30, 2016.

Revision of ISO 999 (Guidelines for the content, organization and presentation of indexes)

SC9 resolves to launch a revision process of ISO 999 and instructs WG12 to begin a revision of ISO 999 to include the useful precepts from ISO 5963 (Methods for examining documents, determining their subjects, and selecting indexing terms) on subject indexing, with a target publication date of August 31st 2019.

ISO 690 (Guidelines for bibliographic references and citations to information resources)

SC 9 requests that a member body prepare a proposal to revise ISO 690, in particular to address electronic resources in the standard.

4. Working Groups under the responsibility of TC46

4.1 Active Working Groups

- WG 2 - Coding of country names and related entities
- WG 3 - Conversion of written languages
- WG 4 - Terminology of information and documentation
- WG 4 – Presentation of periodicals

4.2 Standards completed since Last Meeting (Beijing, June 2015) **and new publications**

ISO 7098:2015 (Romanization of Chinese).

4.3 News about standards

ISO 8 - Presentation of periodicals

Background:

Last year TC46 resolved to submit the NWIP sent by ANSI/NISO following Resolution 2014-09 in order to revise the scope of ISO 8 - Presentation of periodicals to include electronic periodicals based on the NISO Recommended Practice for the Presentation and Identification of E-Journals (PIE-J).

Actions:

TC 46 invites the WG7 to provide the CD text to the TC 46 Secretariat by the next TC 46 plenary meeting and requests the TC 46 Secretariat to submit a CD ballot.

5. Standards under development (2016)

5.1 Under the responsibility of TC46

ISO/NP 8

Presentation of periodicals

ISO/DIS 5127

Information and documentation - VocabularyISO/DIS 20614 Data exchange protocol for interoperability and preservation

ISO/AWI 20674-1

Transliteration of scripts in use in Thailand -- Part 1: Transliteration of Akson-Thai-Noi

5.2 Under the responsibility of SC4

ISO/DIS 15836-1

Information and documentation -- The Dublin Core metadata element set -- Part 1: Core elements

ISO/DIS 20614

Information and documentation -- Data exchange protocol for interoperability and preservation

ISO/DIS 28500

Information and documentation -- WARC file format

5.3 Under the responsibility of SC8

ISO/NP 19580

Information and documentation -- International archives statistics

ISO/NP 21246

Key indicators for museums

ISO/NP 21248

Quality assessment for national libraries

5.4 Under the responsibility of SC9

ISO/DIS 2108

Information and documentation -- International standard book number (ISBN)

ISO/DIS 3901

Information and documentation -- International Standard Recording Code (ISRC)

ISO/NP 15707

Information and documentation -- International Standard Musical Work Code (ISWC)

ISO/CD 20247

Information and documentation -- International library item identifier(ILII)

✓ **Appendix A: list of published standards (2016)**

ISO TC46 – Information and documentation

[ISO Sub-Committees: [TC46/SC4](#) Technical interoperability; [TC46/SC8](#) Quality - Statistics and performance evaluation; [TC46/SC9](#) Identification and description; [TC46/SC10](#) Requirements for document storage and conditions for preservation [TC46/SC 11](#) Archives/records management]

Standard	Under the responsibility of
ISO 8:1977 Documentation -- Presentation of periodicals	TC46
ISO 10160:2015 Information and documentation -- Open Systems Interconnection -- Interlibrary Loan Application Service Definition	TC46/SC4
ISO 10161-1:2014 Information and documentation -- Open Systems Interconnection -- Interlibrary Loan Application Protocol Specification -- Part 1: Protocol specification	TC46/SC4
ISO 10161-2:2014 Information and documentation -- Open Systems Interconnection -- Interlibrary Loan Application Protocol Specification -- Part 2: Protocol implementation conformance statement (PICS) proforma	TC46/SC4
ISO 10324:1997 Information and documentation -- Holdings statements -- Summary level	TC46/SC9
ISO 10754:1996 Information and documentation -- Extension of the Cyrillic alphabet coded character set for non-Slavic languages for bibliographic information interchange	TC46/SC4
ISO 1086:1991 Information and documentation -- Title leaves of books	TC46
ISO 10957:2009 Information and documentation -- International standard music number (ISMN)	TC46/SC9
ISO 11108:1996 Information and documentation -- Archival paper -- Requirements for permanence and durability	TC46/SC10
ISO 11620:2014 Information and documentation -- Library performance indicators	TC46/SC8

ISO 11798:1999	Information and documentation -- Permanence and durability of writing, printing and copying on paper -- Requirements and test methods	TC46/SC10
ISO 11799:2015	Information and documentation -- Document storage requirements for archive and library materials	TC46/SC10
ISO 11800:1998	Information and documentation -- Requirements for binding materials and methods used in the manufacture of books	TC46/SC10
ISO 11940:1998	Information and documentation -- Transliteration of Thai	TC46
ISO 11940-2:2007	Information and documentation -- Transliteration of Thai characters into Latin characters -- Part 2: Simplified transcription of Thai language	TC46
ISO 12083:1994	Information and documentation -- Electronic manuscript preparation and markup	TC46/SC4
ISO 13008:2012	Information and documentation -- Digital records conversion and migration process	TC46/SC11
ISO 14416:2003	Information and documentation -- Requirements for binding of books, periodicals, serials and other paper documents for archive and library use -- Methods and materials	TC46/SC10
ISO 15489-1:2016	Information and documentation -- Records management -- Part 1: Concepts and principles	TC46/SC11
ISO 15511:2011	Information and documentation -- International standard identifier for libraries and related organizations (ISIL)	TC46/SC4
ISO 15706-1:2002	Information and documentation -- International Standard Audiovisual Number (ISAN) - Part 1: Audiovisual work identifier	TC46/SC9
ISO 15706-1:2002/Amd 1:2008	Alternate encodings and editorial changes	TC46/SC9
ISO 15706-2:2007	Information and documentation -- International Standard Audiovisual Number (ISAN) - Part 2: Version identifier	TC46/SC9
ISO 15707:2001	Information and documentation -- International Standard Musical Work Code (ISWC)	TC46/SC9
ISO 15836:2009	Information and documentation -- The Dublin Core metadata element set	TC46/SC4
ISO 15836:2009/Cor 1:2009		TC46/SC4
ISO 15919:2001	Information and documentation -- Transliteration of Devanagari and related Indic scripts into Latin characters	TC46

ISO 15924:2004	Information and documentation -- Codes for the representation of names of scripts	TC46
ISO 16175-1:2010	Information and documentation -- Principles and functional requirements for records in electronic office environments -- Part 1: Overview and statement of principles	TC46/SC11
ISO 16175-2:2011	Information and documentation -- Principles and functional requirements for records in electronic office environments -- Part 2: Guidelines and functional requirements for digital records management systems	TC46/SC11
ISO 16175-3:2010	Information and documentation -- Principles and functional requirements for records in electronic office environments -- Part 3: Guidelines and functional requirements for records in business systems	TC46/SC11
ISO 16245:2009	Information and documentation -- Boxes, file covers and other enclosures, made from cellulosic materials, for storage of paper and parchment documents	TC46/SC10
ISO 16439:2014	Information and documentation -- Methods and procedures for assessing the impact of libraries	TC46/SC8
ISO 17316:2015	Information and documentation -- International standard link identifier (ISLI)	TC46/SC9
ISO 17933:2000	GEDI -- Generic Electronic Document Interchange	TC46/SC4
ISO 18:1981	Documentation -- Contents list of periodicals	TC46
ISO 18461:2016	International museum statistics	TC46/SC8
ISO 18626:2014	Information and documentation -- Interlibrary Loan Transactions	TC46/SC4
ISO 20775:2009	Information and documentation -- Schema for holdings information	TC46/SC4
ISO 21047:2009	Information and documentation -- International Standard Text Code (ISTC)	TC46/SC9
ISO 2108:2005	Information and documentation -- International standard book number (ISBN)	TC46/SC9
ISO 21127:2014	Information and documentation -- A reference ontology for the interchange of cultural heritage information	TC46/SC4
ISO 214:1976	Documentation -- Abstracts for publications and documentation	TC46
ISO 2145:1978	Documentation -- Numbering of divisions and subdivisions in written documents	TC46
ISO 2146:2010	Information and documentation -- Registry services for libraries and related	TC46/SC4

organizations	
ISO 215:1986	TC46
Documentation -- Presentation of contributions to periodicals and other serials	
ISO 22310:2006	
Information and documentation -- Guidelines for standards drafters for stating records management requirements in standards	TC46/SC11
ISO 23081-1:2006	
Information and documentation -- Records management processes -- Metadata for records -- Part 1: Principles	TC46/SC11
ISO 23081-2:2009	
Information and documentation -- Managing metadata for records -- Part 2: Conceptual and implementation issues	TC46/SC11
ISO 233:1984	TC46
Documentation -- Transliteration of Arabic characters into Latin characters	
ISO 233-2:1993	
Information and documentation -- Transliteration of Arabic characters into Latin characters -- Part 2: Arabic language -- Simplified transliteration	TC46
ISO 233-3:1999	
Information and documentation -- Transliteration of Arabic characters into Latin characters -- Part 3: Persian language -- Simplified transliteration	TC46
ISO 2384:1977	TC46
Documentation -- Presentation of translations	
ISO 23950:1998	
Information and documentation -- Information retrieval (Z39.50) -- Application service definition and protocol specification	TC46/SC4
ISO 25577:2013	
Information and documentation -- MarcXchange	TC46/SC4
ISO 259:1984	TC46
Documentation -- Transliteration of Hebrew characters into Latin characters	
ISO 259-2:1994	
Information and documentation -- Transliteration of Hebrew characters into Latin characters -- Part 2: Simplified transliteration	TC46
ISO 25964-1:2011	
Information and documentation -- Thesauri and interoperability with other vocabularies -- Part 1: Thesauri for information retrieval	TC46/SC9
ISO 25964-2:2013	
Information and documentation -- Thesauri and interoperability with other vocabularies -- Part 2: Interoperability with other vocabularies	TC46/SC9
ISO 26324:2012	
Information and documentation -- Digital object identifier system	TC46/SC9
ISO 2709:2008	
Information and documentation -- Format for information exchange	TC46/SC4
ISO 27729:2012	
Information and documentation -- International standard name identifier (ISNI)	TC46/SC9

ISO 27729:2012/Cor 1:2013	TC46/SC9
ISO 27730:2012	TC46/SC9
Information and documentation -- International standard collection identifier (ISCI)	
ISO 2789:2013	TC46/SC8
Information and documentation -- International library statistics	
ISO 28500:2009	TC46/SC4
Information and documentation -- WARC file format	
ISO 28560-1:2014	TC46/SC4
Information and documentation -- RFID in libraries -- Part 1: Data elements and general guidelines for implementation	
ISO 28560-2:2014	TC46/SC4
Information and documentation -- RFID in libraries -- Part 2: Encoding of RFID data elements based on rules from ISO/IEC 15962	
ISO 28560-3:2014	TC46/SC4
Information and documentation -- RFID in libraries -- Part 3: Fixed length encoding	
ISO 30300:2011	TC46/SC11
Information and documentation -- Management systems for records -- Fundamentals and vocabulary	
ISO 30301:2011	TC46/SC11
Information and documentation -- Management systems for records -- Requirements	
ISO 30302:2015	TC46/SC11
Information and documentation -- Management systems for records -- Guidelines for implementation	
ISO 3166-1:2013	TC46
Codes for the representation of names of countries and their subdivisions -- Part 1: Country codes	
ISO 3166-2:2013	TC46
Codes for the representation of names of countries and their subdivisions -- Part 2: Country subdivision code	
ISO 3166-3:2013	TC46
Codes for the representation of names of countries and their subdivisions -- Part 3: Code for formerly used names of countries	
ISO 3297:2007	TC46/SC9
Information and documentation -- International standard serial number (ISSN)	
ISO 3602:1989	TC46
Documentation -- Romanization of Japanese (kana script)	
ISO 3901:2001	TC46/SC9
Information and documentation -- International Standard Recording Code (ISRC)	
ISO 4:1997	TC46/SC9
Information and documentation -- Rules for the abbreviation of title words and titles of publications	
ISO 5122:1979	TC46
Documentation -- Abstract sheets in serial publications	
ISO 5123:1984	TC46

Documentation -- Headers for microfiche of monographs and serials ISO 5127:2001	TC46
Information and documentation -- Vocabulary ISO 5963:1985	
Documentation -- Methods for examining documents, determining their subjects, and selecting indexing terms ISO 6357:1985	TC46/SC9
Documentation -- Spine titles on books and other publications ISO 6630:1986	TC46
Documentation -- Bibliographic control characters ISO 690:2010	TC46/SC4
Information and documentation -- Guidelines for bibliographic references and citations to information resources ISO 7098:2015	TC46/SC9
Information and documentation -- Romanization of Chinese ISO 7144:1986	TC46
Documentation -- Presentation of theses and similar documents ISO 7154:1983	TC46
Documentation -- Bibliographic filing principles ISO 7220:1996	TC46
Information and documentation -- Presentation of catalogues of standards ISO 7220:1996/Cor 1:2001	TC46/SC9
Documentation -- Presentation of title information of series ISO 7275:1985	TC46/SC9
Information and documentation -- Bibliographic description and references -- Rules for the abbreviation of bibliographic terms ISO 832:1994	TC46
Information and documentation -- Conversion of Greek characters into Latin characters ISO 843:1997	TC46
Information and documentation -- Bibliographic data element directory for use in data exchange and enquiry ISO 8459:2009	TC46/SC4
Information and documentation -- Commands for interactive text searching ISO 8777:1993	TC46/SC4
Information and documentation -- Transliteration of Cyrillic characters into Latin characters -- Slavic and non-Slavic languages ISO 9:1995	TC46
Information and documentation -- Determination of price indexes for print and electronic media purchased by libraries ISO 9230:2007	TC46/SC8
Information and documentation -- Paper for documents -- Requirements for permanence ISO 9706:1994	TC46/SC10

ISO 9707:2008	Information and documentation -- Statistics on the production and distribution of books, newspapers, periodicals and electronic publications	TC46/SC8
ISO 9984:1996	Information and documentation -- Transliteration of Georgian characters into Latin characters	TC46
ISO 9985:1996	Information and documentation -- Transliteration of Armenian characters into Latin characters	TC46
ISO 999:1996	Information and documentation -- Guidelines for the content, organization and presentation of indexes	TC46/SC9
ISO/NP 19580	Information and documentation -- International archives statistics	TC46/SC8
ISO/NP 21246	Key indicators for museums	TC46/SC8
ISO/NP 21248	Quality assessment for national libraries	TC46/SC8
ISO/TR 11219:2012	Information and documentation - Qualitative conditions and basic statistics for library buildings -- Space, function and design	TC46/SC8
ISO/TR 13028:2010	Information and documentation - Implementation guidelines for digitization of records	TC46/SC11
ISO/TR 14873:2013	Information and documentation -- Statistics and quality issues for web archiving	TC46/SC8
ISO/TR 17068:2012	Information and documentation - Trusted third party repository for digital records	TC46/SC11
ISO/TR 18128:2014	Information and documentation -- Risk assessment for records processes and systems	TC46/SC11
ISO/TR 23081-3:2011	Information and documentation -- Managing metadata for records -- Part 3: Self-assessment method	TC46/SC11
ISO/TR 26122:2008	Information and documentation -- Work process analysis for records	TC46/SC11
ISO/TR 26122:2008/Cor 1:2009		TC46/SC11
ISO/TR 28118:2009	Information and documentation -- Performance indicators for national libraries	TC46/SC8
ISO/TS 18344:2016	Effectiveness of paper deacidification processes	TC46/SC10
ISO/TS 28560-4:2014	Information and documentation -- RFID in libraries -- Part 4: Encoding of data elements based on rules from ISO/IEC 15962 in an RFID tag with partitioned memory	TC46/SC4

Appendix B: Structure (2016)

✓ ISO/TC46 Information and documentation

Scope:

Standardization of practices relating to libraries, documentation and information centres, publishing, archives, records management, museum documentation, indexing and abstracting services, and information science.

Subcommittee/Working Group	Title
ISO/TC 46/MA (TF ISO 3166)	Task Force ISO 3166-2
ISO/TC 46/MA (Voting Memb	ISO 3166 Maintenance Agency (Voting members)
ISO/TC 46/MA	ISO 3166 Maintenance Agency
ISO/TC 46/WG 2	Coding of country names and related entities
ISO/TC 46/WG 3	Conversion of written languages
ISO/TC 46/WG 4	Terminology of information and documentation
ISO/TC 46/WG 7	Presentation of periodicals
ISO/TC 46/SC 4	Technical interoperability
ISO/TC 46/SC 8	Quality - Statistics and performance evaluation
ISO/TC 46/SC 9	Identification and description
ISO/TC 46/SC 10	Requirements for document storage and conditions for preservation
ISO/TC 46/SC 11	Archives/records management

Joint working groups under the responsibility of another committee:

ISO/TC 171/SC 2/WG 5 Joint TC 171/SC 2 - TC 42 - TC 46/SC 11 - TC 130 WG: Document management applications - Application issues - PDF/A

Organizations in liaison:

[CIDOC](#), [CISAC](#), [DOI](#), [EC](#), [IAEA](#), [ICA](#), [ICSTI](#), [IFLA](#), [IIF](#), [ISAN](#), [ISBN](#), [ISOC](#), [ISSN International Center](#), [ITU](#), [UN](#), [UNCTAD](#), [UNECE](#), [UNESCO](#), [UPU](#), [WIPO](#), [ICANN](#)

✓ **TC46 Subcommittees:**

ISO/TC46/SC4 Technical interoperability

Scope:

Standardization of protocols, schemas, etc., and related models and metadata for processes used by information organizations and content providers, including libraries, archives, museums, publishers, and other content producers.

Subcommittee/Working Group	Title
ISO/TC 46/SC 4/WG 11	RFID in libraries
ISO/TC 46/SC 4/WG 12	WARC
ISO/TC 46/SC 4/WG 14	Interlibrary Loan Transactions
ISO/TC 46/SC 4/WG 15	Metadata and protocols for long-term preservation

Joint working groups under the responsibility of another committee:

ISO/IEC JTC 1/SC 34/JWG 7 Joint JTC 1/SC 34-TC 46/SC 4-IEC/TC 100/TA 10 WG: EPUB

ISO/TC 37/SC 2/JWG 7 Joint ISO/TC 37/SC 2 - ISO/TC 46/SC 4 WG: Revision of ISO 639

Organizations in liaison:

[CE](#), [CIDOC](#), [DCMI](#), [DDI Alliance](#), [EASE](#), [EC](#), [IAEA](#), [IFSE](#), [ISBN](#), [ISSN International Center](#), [Infoterm](#), [OASIS](#), [OECD](#), [UNCTAD](#), [UNECE](#), [UNESCO](#), [WIPO](#), [WMO](#)

ISO/TC46/SC8**Quality - Statistics and performance evaluation**

Scope:

Standardization of quantitative and qualitative data for the management of information organizations and content providers, e.g., libraries, archives, museums and publishers.

Subcommittee/Working Group**Title**

ISO/TC 46/SC 8/WG 2	International library statistics
ISO/TC 46/SC 8/WG 4	Performance indicators for libraries
ISO/TC 46/SC 8/WG 7	Quality measures for national libraries
ISO/TC 46/SC 8/WG 8	Statistical data for library buildings
ISO/TC 46/SC 8/WG 9	Statistics and quality issues for web archiving
ISO/TC 46/SC 8/WG 10	Methods and procedures for assessing the impact of libraries
ISO/TC 46/SC 8/WG 11	International museum statistics
ISO/TC 46/SC 8/WG 12	International archive statistics

Organizations in liaison:

CIDOC, EC, IAML, IFLA, UNESCO

ISO/TC46/SC9**Identification and description**

Scope:

Standardization of information identifiers, description and associated metadata and models for use in information organizations (including libraries, museums and archives) and the content industries (including publishing and other content producers and providers).

Subcommittee/Working Group Title

ISO/TC 46/SC 9/WG 2	International standard work code (ISWC)
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ISO/TC 46/SC 9/WG 4	International standard book numbering (ISBN)
ISO/TC 46/SC 9/WG 10	International Standard Recording Code (ISRC)
ISO/TC 46/SC 9/WG 12	Indexes and indexing
ISO/TC 46/SC 9/WG 13	International library item identifier (ILII)

Organizations in liaison:

[AGICOA](#), [CIDOC](#), [CISAC](#), [DOI](#), [EASE](#), [EC](#), [FERA](#), [FIAPF](#), [GS1](#), [IAML](#), [ICIA](#), [ICSSD](#), [IFLA](#), [IFPI](#), [IFSE](#), [IPA](#), [ISAN](#), [ISBN](#), [ISMN](#), [ISSN International Center](#), [IVF](#), [SMPTE](#), [UNESCO](#)

ISO/TC46/SC10 Requirements for document storage and conditions for preservation

Scope:

Standardization of requirements for storage and use of documents in libraries, archives and documentation centres, as well as practices related to maintenance and improvement of the conditions of preservation.

Subcommittee/Working Group	Title
ISO/TC 46/SC 10/WG 1	Document storage requirements
ISO/TC 46/SC 10/WG 3	Holdings Management

ISO/TC46/SC 11 Archives/records management

Scope:

Standardization of principles for the creation and management of documents, records and archives as evidence of transactions and covering all media including digital multimedia and paper.

Subcommittee/Working Group	Title
ISO/TC 46/SC 11/WG 1	Metadata <i>The convener can be reached through the secretariat</i>

Subcommittee/Working Group	Title
ISO/TC 46/SC 11/WG 7	JWG on Digital records preservation <i>The convener can be reached through the secretariat</i>
ISO/TC 46/SC 11/WG 8	Management systems for records
ISO/TC 46/SC 11/WG 10	Implementation Guidelines for the disposition of records
ISO/TC 46/SC 11/WG 14	Records requirements in enterprise Architecture
ISO/TC 46/SC 11/WG 15	Appraisal for Managing Records
ISO/TC 46/SC 11/WG 16	Systems design for records
ISO/TC 46/SC 11/WG 17	Records in the cloud

Joint working groups under the responsibility of another committee:

[ISO/TC 42/JWG 26](#) Joint ISO/TC 42-TC 46/SC 11-TC 171 WG: Imaging system capability qualification for archival recording and approval

[ISO/TC 171/SC 2/WG 5](#) Joint TC 171/SC 2 - TC 42 - TC 46/SC 11 - TC 130 WG: Document management applications - Application issues - PDF/A

Organizations in liaison:

[ICA](#), [IRMT](#), [InterPARES](#)

Rome, August 5th 2016

[Paola Manoni, Vatican Library,
TC46 and TC46/SC9 liaison officer to IFLA]