BRITISH STANDARD

BS ISO 8459:2009

Information and documentation — Bibliographic data element directory for use in data exchange and enquiry

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BSI
British Standards

National foreword

This British Standard is the UK implementation of ISO 8459:2009. It supersedes BS ISO 8459-3:1994 and BS ISO 8459-2:1992 which are withdrawn.

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A list of organizations represented on this committee can be obtained on request to its secretary.

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Information and documentation — Bibliographic data element directory for use in data exchange and enquiry

Information et documentation — Répertoire pour l'échange des éléments de données bibliographiques et la recherche

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 8459 was prepared by Technical Committee ISO/TC 46, *Information and documentation*, Subcommittee SC 4, *Technical Interoperability*.

This first edition cancels and replaces ISO 8459-1, ISO 8459-2, ISO 8459-3, ISO 8459-4 and ISO 8459-5, which have been technically revised.

It contains the data elements still in force today and incorporates a number of new ones linked to new types of resources into a single document. It is presented in two basic parts:

a) a data element directory (Clause 3) where the different data elements are regrouped in different columns, specifying for each of them its rank (a sequence number is allocated to each element), class, entry, definition, examples and synonyms when existent;

b) an alphabetical sequence (Clause 4) which lists for each element its entry, equivalence, name, class and sub-class.

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Introduction

This International Standard specifies and describes data elements required in the interchange of data between bibliographic systems (i.e. terminal or browser to computer or computer to computer). Data are interchanged for the purpose of starting or supporting a process. In order to transmit information required to support a process, the various elements of data in the interchanged messages must be fully understandable to the processes concerned.

This International Standard is seen as serving as a resource tool for interoperability among standards in bibliographic and library domains. It serves to harmonize the various different standards in these domains, comprising content schemas, protocols, profiles and models. To this end, data elements are defined at various levels because they may be defined at different levels in different protocols and schemas. The focus of the standard is to provide common definitions for data elements that are exchanged in protocol messages between systems.

System developers typically employ multiple standards and thus can profit from the identified inter-relationships and definitions in their database designs to achieve dynamic inter-operability when employing various standards.

This International Standard is also intended as a foundation for new standards. By inheriting element names and definitions, new standards can be achieved in an efficient way that directly relates them with existing standards in the field.

The inclusion of multiple examples and synonyms is also intended to assist in the translation of the standard into other languages.

The elements from the previously published five parts of ISO 8459 have been examined, updated where necessary and consolidated into a single set of elements such that this International Standard replaces these previous parts.

There are no referenced documents that are indispensible for the application of this International Standard. The Bibliography indicates sources consulted and used in the construction of this International Standard.

The standards cited in the Bibliography are examples for data elements in this International Standard but are not prescriptive.

The list also contains reference to the protocol and schema standards that were used to validate the data elements and concepts in this International Standard.

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INTERNATIONAL STANDARD **ISO 8459:2009(E)**

Information and documentation — Bibliographic data element directory for use in data exchange and enquiry

1 Scope

This International Standard describes, in the form of a directory, data elements used to support the processes of acquisition, resource description and cataloguing, searching and requesting loan or copy by an end user or an institution.

This International Standard includes data elements that are exchanged or are potentially exchanged among bibliographic systems. Those data elements that are not exchanged or not likely to be exchanged are ignored as they do not need standardization. Data elements being handled by transport protocols are not included, only those related to application level protocols.

As part of the consolidation phase, the data elements were broadly classed and sub-classed and are presented in two sequences, one by class and sub-class and the other by an alphabetical sequence. The alphabetical sequence includes examples and synonyms identified during the consolidation phase and those found in related interchange protocols and schemas.

As the grouping of data elements may differ among different protocols and record schemas, the data elements have been broadly classed and grouped, but no further structure has been made. Similarly, the sequence of data elements, whether or not a data element is mandatory or how it is structured and validated may vary according to its employment and consequently these data element attributes are outside the scope of this International Standard.

As new ways of inter-operating evolve, some new data elements may evolve, but the biggest change is usually in the way that existing data elements are grouped. For example, whether a purchase transaction is carried out manually or electronically, the base data elements of the transaction, requester, supplier and object of purchase remain constant, and this is reflected in the fact that most data elements in this International Standard originated several decades ago. To accommodate the potential changing grouping of data elements, an attempt has been made to identify common concepts across processes. For example, a new focus on end user delivery is causing diverse delivery options to be grouped together such that purchase, loan and inter-library loan processes are presented as alternatives; therefore, the identification of common concepts in all these processes is necessary for the development of seamless user interfaces.

NOTE The French version of this International Standard does not contain the column entitled “Synonyms” in Tables 2 to 12 for the following reasons:

— a large number of the variant data element names translate to the same data element name in French;

— a number of the variant data element names have been taken from standards which have not been translated into French.

The difference between the English and French versions is particularly noticeable in Table 13.

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2 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

2.1
acquisition
work of increasing and bringing up to date the stock of a library or documentation centre or service according to the collection policy of the institution

2.2
address
group of data elements that give a geographic or electronic location or place associated with an individual or institution

2.3
attribute
characteristic or property of a party or item

2.4
authentication
establishment of the identity of a person or party in a transaction

2.5
authorization
establishment of rights to services once the identity of a requester has been ascertained via an authentication process

2.6
authority record
record in a cataloguing system that describes, analyses and controls the standardized form of a name, subject, series or other heading

2.7
bibliographic resource
entity, either serial or non-serial, that forms the basis for a single resource description

2.8
bibliographic record
record in a cataloguing system that describes, analyses and controls a bibliographic resource

2.9
booking
reservation of an item or a location for a fixed time period and duration

2.10
catalogue record
record in a cataloguing system that describes, analyses and controls bibliographic, authority or holdings data

2.11
cataloguing
process of compiling a record for inclusion in one or more catalogues or indexes, which describes an entity and assists in its retrieval

2.12
circulation
work of controlling the loan and supply, user identification, status, return, recall, associated fees, bookings and reservations for items or copies thereof of the physical holdings of a library

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2.13
character string
combination of letters, digits, punctuation marks or other symbols

2.14
component
unique bibliographic part of a set, such as a volume of a serial or multi-volume work

2.15
copy
tangible instance of a bibliographic resource or set, whether physical or electronic, comprising one or more pieces

2.16
data element
basic unit of identifiable and definable data, having a data element name represented by a tag as identifier and one or more values for expressing one or more particular facts

2.17
data element directory
listing of data elements with specifications of representative data element values, as appropriate

2.18
data element group
set of related data elements

2.19
data element group name
one or more words in a natural language identifying a data element group

2.20
data element name
one or more words in a natural language identifying a data element

2.21
data element value
fact expressed by codes, digits or natural language corresponding to the data element description and representation

2.22
database
collection of machine-readable information organized so that it can be easily accessed, managed and updated

2.23
finance
data elements concerning monetary information associated with a transaction

2.24
holdings
information that describes, analyses and controls copies associated with a bibliographic resource

2.25
holdings record
record in a cataloguing system that describes, analyses and controls holdings associated with a bibliographic record

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2.26
holdings statement
summary of the locations of a specific bibliographic resource and, optionally, the units of that item held at a location

2.27
identifier
data string or pointer that establishes the identity of an item, institution or person alone or in combination with other elements

2.28
information retrieval
action, methods and procedures for recovering information on a given matter or references to pertinent documents from stored data

2.29
interloan
inter-library loan
loan of a document or documents from one institution to another or the supply of a substitute for the requested document or documents

2.30
loan
temporary transfer of custody of a copy to another individual or institution

2.31
message
structured combination of data elements used in a transaction

2.32
metadata
structured data associated with data that describe the data or provide additional information not contained within the data themselves

2.33
party
person or group performing a role in relation to the business of a specific community or domain

2.34
piece
item
unit of a copy on which transactions can be made, such as a physical part that can be lent or reserved or an electronic file that can be downloaded or accessed

2.35
record
group of data elements usually treated as a unit and often organized into sub-units called fields, which identifies, describes and facilitates retrieval of an entity

2.36
representation
method by which a particular data element value is expressed using one or more numbers, letters or symbols

2.37
request
transaction that initiates purchase, loan, inter-library loan, copy or access to an item

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2.38
reservation
request by a person or group to be placed on a holding (waiting) queue for a bibliographic resource that is temporarily unavailable; also called a hold

2.39
resource
work, created as a result of intellectual effort, that may be expressed in physical or digital form

2.40
result set
group of metadata records, citations or other information units retrieved by a search

2.41
scan
positioning within an index or other ordered data sequence in order to retrieve and to view index entries by moving forwards and backwards within the sequence

2.42
selective dissemination of information
SDI
service that re-enacts a standard search or searches against one or more databases to provide regular updated information

2.43
search
structured query describing data elements and their values necessary for retrieving data from a database

2.44
serial issue
unit of a bibliographic resource that is issued in successive parts at regular or irregular intervals and intended to be continued indefinitely

2.45
session
period of time during which a user is connected online to a system

2.46
set
collection of components of a bibliographic resource including multi-volume publications and resources published serially, often received by a subscription purchase

2.47
tag
identifier allocated for use in place of a data element name or data element group name

2.48
task
operation performed by a system that may be performed online, in background or in batch mode, thus not necessarily tied to a specific session

2.49
transaction
creation or modification of a message required to support a process

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3 Directory

3.1 General

The directory is organized, by class and sub-class, into a series of tables. The data element name is the persistent identifier. A table is given for each class, and within the class, table row numbers have been assigned so that when this International Standard is translated into other languages, there is an easy reference to each data element and a clear sequence. The table row numbers are not unique, as each table has its own sequence and they are not intended to be used as persistent identifiers of the data elements.

Table 1 summarizes the classes.

Table 1 — Summary of classes

Class	Subclause	Table number
Address	3.2.1	2
Database record	3.2.2	3
Finance	3.2.3	4
Holdings (physical or electronic copies)	3.2.4	5
Party	3.2.5	6
Party — Group	3.2.6	7
Party — Person (involved in a transaction)	3.2.7	8
Request	3.2.8	9
Resource	3.2.9	10
Search (including database elements)	3.2.10	11
Transaction	3.2.11	12

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3.2 Organization of elements by class and sub-class

3.2.1 Organization by “Address” class

Table 2 — Class: Address

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
01	Address		Address	Group of data elements that give a geographic or electronic location or place associated with an individual or institution	Address of user	Communication details
02	Address	Address	Address label	Code, word or phrase that defines the nature of a given address where there are multiple addresses associated with an institution or individual	Business address, Home address, Parents’ address	
03	Address	Address	Address role	Word or code that indicates the type of message or mail that is sent to an address where there are multiple addresses associated with an institution or individual	Agency address role type, Billing address, Delivery address, Invoice address, Return to address, Ship to, Shipping address, User address information	Address instruction, Address role type
04	Address	Address	Address status	Code, word or phrase that indicates which address of a series of addresses associated with an institution or individual is preferred		Current address flag
05	Address	Address	Address type	Indicates the form of communication associated with an address, physical or electronic		Delivery method type
06	Address	Address	Contact person	Name of an individual associated with an address in a particular role	Custodian, Invoice enquiries, Reference enquiries	Care of
07	Address	Address	Date/time address invalid	Date and time from which an address is no longer valid for use	Agency address: valid to date, User address: valid to date	
08	Address	Address	Date/time address valid	Date and time from which an address is valid for use	Agency address: valid from date, User address: valid from date	
09	Address	Address	Unstructured address	Address where the components of the address are not distinguished and where the structure may be limited to the inclusion of line breaks		
10	Address	Electronic address	e-delivery description	Human readable text identifying an electronic delivery service		

Table 2 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
11	Address	Electronic address	e-delivery details	Information concerning the nature of electronic delivery of a particular document		
12	Address	Electronic address	e-delivery service	Name of an electronic delivery service		
13	Address	Electronic address	Electronic address	Unique identifier used to identify a device or location within a communications network or service	Administration email, Email address, IP address (Internet Protocol), Telephone	Electronic address data, Telecom service address, Telenetwork address
14	Address	Electronic address	Electronic address type	Form of electronic communication used by an address, including electronic mail, Internet Protocol (IP) address and telephone number		
15	Address	Electronic address	Electronic delivery service	Group of data elements providing details of how a document should be delivered electronically		Name or code
16	Address	Electronic address	Electronic delivery time	Normal interval between a request and electronic delivery provided by an electronic delivery service		Delivery time
17	Address	Electronic address	Electronic mail identifier	Unique number assigned to an electronic mail box or service connection		Electronic address, Telenetwork address
18	Address	Electronic address	Telecommunication carrier	Code, word, phrase or initialism used to identify the telecommunications carrier facilities being used to access a remote system		Telecom service identifier
19	Address	Electronic address	Telefacsimile number	Telecommunications number used for sending and receiving telefacsimiles		
20	Address	Electronic address	Telephone number	Unique number assigned to a telephone line		
21	Address	Physical address	Address line	Phrase, usually numbered, intended to be used for printing or displaying an address with the address elements in sequence	Line 1, Line 2	Address detail, Address part
22	Address	Physical address	Building	Phrase used to identify a particular edifice within a building complex		Building name, House name
23	Address	Physical address	City	Word or phrase used to identify an urban area, including a city, suburb or postal area		
24	Address	Physical address	Country	Word or phrase used to identify a country		

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Table 2 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
25	Address	Physical address	Delivery service	Code, word or phrase that indicates the mail service that may be used to deliver to an address	Campus mail, Internal courier, National mail service	Transport
26	Address	Physical address	District	Word or phrase identifying a sub-entity within a country, including a parish, county or district, usually not an urban area		Locality
27	Address	Physical address	Location within building	Code, number and/or phrase used to identify a location within a building or building complex	Children's library, Level 4, Reserve reading room, Suite 42	
28	Address	Physical address	Physical address	Group of data elements giving location information for an institution or person	Structured address	
29	Address	Physical address	Physical address type	Characteristics of an address that may restrict delivery services	Post office box address, Postal address	
30	Address	Physical address	Post office box	Number of a receptacle assigned by a postal authority for saving mail for later collection		
31	Address	Physical address	Postal code	Code assigned by the postal authorities of a country that uniquely identifies an address or group of addresses		
32	Address	Physical address	Region	Word or phrase identifying a large area within a country including province, state and department		
33	Address	Physical address	Street name	Phrase used to identify a route within a city, rural or local area, including street, road, boulevard and avenue		Street
34	Address	Physical address	Street number	Number and/or phrase used to identify a location of a building within a route		

3.2.2 Organization by “Database record” class

Table 3 — Class: Database record

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
01	Database record		Record	Group of data elements usually treated as a unit and often organized into sub-units called fields, which identifies, describes and facilitates retrieval of an entity	Catalogue record, Metadata record	
02	Database record		Record wrapper	Packet within a message that combines a database record with its schema identifier		
03	Database record	Attributes	Attributes	Group of data elements, organized into sub-units called fields, which identifies, describes and facilitates retrieval of a particular entity		
04	Database record	Attributes	Date/time of automatic deletion	Date and time on which the information in a database record may be deleted		
05	Database record	Attributes	Date/time of last update	Date and time of the latest change to the content of a record		
06	Database record	Attributes	Date/time record created	Date and time of addition of a record on a database		Date/time bibliographic record created
07	Database record	Attributes	Date/time record modified	Latest date and time of update of a database record		Date/time bibliographic record updated, Time stamp
08	Database record	Attributes	Language of cataloguing	Code or word indicating the language used for the creation of a metadata record or indicating the language of a bibliographic record or part of a bibliographic record		Catalogue record language
09	Database record	Attributes	Link hierarchical relationship	Code or phrase that indicates the level at which two bibliographic or authority records or parts of records are related	Equal, Higher to lower, Lower to higher	
10	Database record	Attributes	Link type	Code or phrase that indicates the relationship between two resources or database records or parts of records	Acronym, Analytic, Broader form, Continuation, Earlier form, Later form, Narrower form, Pseudonym, Real name, Related form	Relation
11	Database record	Attributes	Permission to use this record	Indication of the extent to which a database record may be accessed or used		

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Table 3 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
12	Database record	Attributes	Record availability flag	Flag sent by a database provider, which indicates that a record is currently unavailable for modification or presentation	Record available, Record locked as per request, Record unavailable	
13	Database record	Attributes	Record character set	Code or word used to identify a character set in which data is encoded or to indicate the capability of systems hardware and software to process data encoded in one or more scripts		Catalogue record character set, Supported character set
14	Database record	Attributes	Record retrieval elements	Elements of a database record that may be used to retrieve the record		Agency element type, Item element type, User element type
15	Database record	Attributes	Record schema	Abstract record structure, providing a commonly understood definition of data elements within a record	Dublin core, Edit/replace schema, GILS (Global Information Locator Service), Update schema, WAIS (Wide Area Information Server)	Metadata format, Schema, Schema id
16	Database record	Attributes	Record status	Code or phrase that indicates the stage in the progression of the update of a record or the degree of the completeness of an update	Deleted record	Catalogue record status
17	Database record	Attributes	Record syntax	Code or phrase identifying the structure of a record or records contained within a message	GRS-1 (General Record Syntax), HTML (Hypertext Markup Language), MAB (Maschinelle Austauschformat für Bibliotheken), MARC (Machine Readable Cataloguing), SGML (Standard Generalized Markup Language), SUTRS (Simple Unstructured Record Syntax) and XML (Extensible Markup Language)	Preferred record syntax, Record packing
18	Database record	Attributes	Record transliteration scheme	Code or phrase used to identify a scheme for transforming the characters of one writing script to another	ISO 9, ISO 233, ISO 259, ISO 843, ISO 3602, ISO 7098	Cataloguing record transliteration scheme

Table 3 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
19	Database record	Attributes	Record type	Code or phrase that indicates the nature of the contents of a record	Authority record, Bibliographic record, Classification record, Community information record, Electronic resource metadata record, Holdings (copies) record	Catalogue record type
20	Database record	Authority record	Alternative heading form	Phrase indicating a form of a name, subject, title or other heading type not used for database storage and retrieval but linked to another form of the same heading		See reference
21	Database record	Authority record	Authorized indicator	Code indicating the effect of comparing a new heading with existing authority headings already in a database		
22	Database record	Authority record	Authority information	Group of data elements comprising information specific to an authority record		
23	Database record	Authority record	Authority status	Code or phrase indicating whether or not a heading has been authorized	Authorized, Unauthorized or undetermined	
24	Database record	Authority record	Bibliographic occurrence count	Count of the number of bibliographic records in a database that are directly associated with an authority record		
25	Database record	Authority record	Established heading	Phrase indicating a standardized form of a name, title, subject or other heading type, designed to facilitate storage and retrieval of database records		
26	Database record	Authority record	Heading type	Code or phrase indicating a grouping of headings to which a particular heading relates for purposes of data comparison and standardization of heading data	Collective uniform title, Corporate name, Family name, Name/collective uniform title, Name/title, Personal name, Territorial or geographic name, Topical subject, Uniform title	
27	Database record	Change data	Change data	Group of data elements indicating data to be changed and the way they are changed		
28	Database record	Change data	Change data new value	Phrase containing a data string that will replace a designated data string in a record or will be added to a record		New value

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Table 3 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
29	Database record	Change data	Change data new version identifier	Group of data elements identifying a field or other sub-element of a metadata record that should become the location of new or changed data		
30	Database record	Change data	Change data old value	Phrase containing a data string that is to be replaced or deleted		Old value
31	Database record	Change data	Change data old version identifier	Group of data elements identifying a field or other element of a metadata record that contains data to be changed		
32	Database record	Change data	Conditional data identifier	Group of data elements identifying a field or other sub-element of a metadata record that contains data to be tested before other data are changed		Conditional field
33	Database record	Change data	Conditional data value	Phrase containing a data string that is to be tested before other data are changed		
34	Database record	Change data	Date/time record lock expires	Date and time on which a locked database record will automatically become available again for modification		Lock expiry
35	Database record	Change data	Duplicate test flag	Code or phrase indicating whether or not a record may duplicate another already in existence in a database	Confirmed duplicate, Not a duplicate, Suspected duplicate	
36	Database record	Change data	Edit/replace type	Code or phrase indicating the nature of editing to be performed on a record or nominated group of records	Field delete, Field insert, Field replace, Subfield delete, Subfield insert, Subfield replace	
37	Database record	Change data	Record lock description	Phrase indicating a reason for preventing changes to a database record and, optionally, indicating the party who set the lock		Lock description
38	Database record	Change data	Record lock set	Indication by a database server that an update restriction has been set on a database record		Lock set
39	Database record	Change data	Review code	Indication that a record submitted for update should be examined by a third party before a database record is updated		

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Table 3 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
40	Database record	Change data	Set lock flag	Indication in a message that requests a change in the update status of a database record to restrict change to, or deletion of, the record	Lock record, Unlock record	Set lock
41	Database record	Change data	Update action	Code that indicates the nature of the update being requested or performed	Element update, Record delete, Record insert, Record replace	Action
42	Database record	Change data	Update action qualifier	Code or phrase that indicates further information essential to the performance of a transaction update	Bulk edit/replace qualifier, Edit/replace qualifier, Merge qualifier	Action qualifier
43	Database record	Change data	Update information	Group of data elements that give information essential to identify data to be updated and the way in which the update should be processed		
44	Database record	Copy information	Holdings encoding level	Code that indicates the level of detail of a bibliographic holdings record	Locations only (1), Locations plus general extent information (2), Locations plus summary extent of holdings (3)	
45	Database record	Description	Free text note	Phrase relating to a database record, carrying additional information	Extra term information, Review note	Note
46	Database record	Description	Free text note code	Code, defined internally by a system, identifying the nature of the contents of a free text note		Free text note content, Instructions
47	Database record	Identifier	Check digit algorithm	Name of an algorithm used for generating a check digit in an identification number		Item number check digit algorithm
48	Database record	Identifier	Record identifier	Data string that identifies a database record including a catalogue or metadata record or document		Bibliographic record identifier, Catalogue record identifier, Identifier, Record id
49	Database record	Identifier	Record identifier code	Code or phrase used to identify a numbering system for a database or cataloguing record	Bibliographic record identifier code, LCCN (Library of Congress control number)	Catalogue record identifier code
50	Database record	Record field	Character set change flag	Code indicating that the data following the flag use a different character set from preceding data		

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Table 3 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
51	Database record	Record field	Field	Group of data elements forming a sub-unit of a record containing information relevant to a particular fact or facts relevant to the resource that the record describes		Cataloguing field information
52	Database record	Record field	Field attributes	Group of data elements defining attributes of data within a field of a database record		
53	Database record	Record field	Field description	Phrase that defines the nature of the contents of a field of a database record		
54	Database record	Record field	Field indicator	Code associated with a field that supplies additional information about the contents of the field and about the relationships between the field and other fields in the record		
55	Database record	Record field	Field sequence number	Number that defines the position of a field within a record		
56	Database record	Record field	Field tag	Data string that serves as an identifier of a field		Field identifier, Field label
57	Database record	Record field	Non-sort begin	Code indicating that the data following it are not used in the construction of an index entry, retrieval or filing key		
58	Database record	Record field	Non-sort end	Code indicating the end of a data string that is not used in the construction of an index entry, retrieval or filing key		
59	Database record	Record field	Subfield	Defined unit of information within a field		
60	Database record	Record field	Subfield attributes	Group of data elements defining attributes of data within a subfield		
61	Database record	Record field	Subfield identifier	Code identifying an individual subfield within a field of variable length		
62	Database record	Record field	Subfield sequence number	Number that defines the position of a subfield within a field within a database record		
63	Database record	Record field	Validation indicator	Code or phrase indicating whether data within a record may or may not contain errors		

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3.2.3 Organization by “Finance” class

Table 4 — Class: Finance

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
01	Finance		Monetary information	Group of data elements that indicate the financial transactions associated with a transaction or service		Cost, Fiscal transaction description, Fiscal transaction information
02	Finance	Account	Account holder name	Phrase indicating a person or institution owning an account	Credit card holder name	
03	Finance	Account	Account identifier	Code or phrase representing a budget or fund to which chargeable transactions are attributed	Authorization account	Account details, Account number, Budget/fund information, Fund identifier, User fiscal account
04	Finance	Account	Account institution	Phrase indicating the name of an institution that manages an account		
05	Finance	Account	Date/time financial transaction validity commences	Date and time from which it is valid to post a transaction against an account		Fiscal transaction information: valid from date
06	Finance	Account	Date/time financial transaction validity ends	Date and time after which it is no longer valid to post a financial transaction to an account		Fiscal transaction information: valid to date
07	Finance	Account	Date/time of accrual	Date and time on which a financial transaction is applied to an account, usually resulting in a change in the account balance		Accrual date
08	Finance	Account	Financial account balance	Positive or negative sum of money currently available in an account		Account balance
09	Finance	Account	Financial action type	Processing required in applying a sum of money to a financial account		Fiscal action type
10	Finance	Account	Financial transaction identifier	Unique string or code that identifies a particular update within a financial account	Related fiscal transaction reference id	Fiscal transaction reference id
11	Finance	Cost	Amount	Sum of money required for a purchase or service or fine	Cost estimate	Acknowledged fee amount, Amount of fee, Charge amount, Cost, Fee amount, Monetary amount, Monetary value, Required fee amount

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Table 4 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
12	Finance	Cost	Currency code	Code indicating the type of currency of a particular sum of money		Currency, Order currency
13	Finance	Cost	Discount	Fixed amount or calculated percentage or rate by which a charge is reduced		Expected terms
14	Finance	Cost	Extended price	Cost of a multi-copy order		
15	Finance	Cost	Fee type	Code representing the reason for a charge such as a service charge, fine or fee	Administrative or service fee, Damage fine, Digitization fee, Insurance charge, Insurance charges, Insured for, Invoice charges, Item charge, Loan or rental fee, Net cataloguing service price, Overdue fine, Processing fee, Reference look-up fee, Replacement fee, Reproduction cost, Reservation fee, Service charge, Small invoice fee, Special charges and taxes, Supply or reproduction fee, Transportation charge, Unit cataloguing service price, User privilege fee	Charge type, Cost info type, Cost type, Fee reason, Fiscal transaction type
16	Finance	Cost	Fee unit	Code or phrase indicating the coverage of a fee amount		Increment
17	Finance	Cost	List price	Basic price of an item as published in a catalogue, price list or advertisement which may be subject to trade, quantity and other discounts		
18	Finance	Cost	Maximum cost	Maximum amount that a requester will pay for a service		Authorization limit, Cost constraint, Not to exceed amount, Will pay fee
19	Finance	Cost	Net price	Unit price of one copy of an item ordered less any discount		
20	Finance	Cost	Not to exceed action	Action to be taken by a supplier when a request includes a maximum monetary value	Cancel balance of order exceeding amount, Cancel entire order, No action	

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Table 4 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
21	Finance	Cost	Price qualifier	Word or code that denotes special factors determining the price of an item	Bid price, Educational institution price, Firm price, Library price, Prepaid price, Remainder price	Price qualifier code
22	Finance	Cost	Reciprocal agreement	Arrangement between two parties to provide services or materials without charging		Consortium agreement
23	Finance	Cost	Tax	Group of data elements indicating a supplementary charge imposed by a government on a service or item for sale		
24	Finance	Cost	Tax amount	Sum of money owed to a government agency relating to a service or item for sale		
25	Finance	Cost	Tax identifier	Code or phrase identifying a particular type of tax	GST (Goods and Services Tax), VAT (Value Added Tax)	
26	Finance	Cost	Tax payee	Party responsible for collecting tax in relation to a particular service or item for sale		
27	Finance	Cost	Unit cost	Rate applied to each unit of resources used in a session		
28	Finance	Cost	Unit price	Price of one copy of an item that can be ordered		
29	Finance	Credit	Credit amount	Monetary value or other count credited to a customer's account		
30	Finance	Credit	Credit confirmation	Code or phrase that confirms that a credit adjustment has been made to a customer's account		
31	Finance	Credit	Credit justification	Reason or reasons given explaining why a credit or rebate is requested or confirmed	Cancelled order, Defective merchandise, Error on invoice, Short assignment, Tax credit	
32	Finance	Credit	Credit memo date and time	Date and time on which a credit memo was issued		
33	Finance	Invoice	Billing information	Phrase indicating instructions for billing a particular party		

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Table 4 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
34	Finance	Invoice	Deferred billing date and time	Invoice date that post-dates shipment		Delayed billing date and time
35	Finance	Invoice	Invoice copies	Number of copies of an invoice pertaining to a particular shipment		
36	Finance	Invoice	Invoice date and time	Date and time on which an invoice was prepared that is used to determine the due date of payment		Billing date
37	Finance	Invoice	Invoice identifier	Number or phrase assigned by a party to identify an invoice		
38	Finance	Invoice	Invoice status	Phrase or code that indicates whether an invoice has been accepted and approved or paid	Invoice cleared, Invoice paid	
39	Finance	Invoice	Invoice total	Total amount to be paid for all line items of an invoice		
40	Finance	Payment	Mode of payment	Means used by an institution to pay an invoice or fee	Bank cheque, Credit card, Deposit account, Voucher	Billing method type, Payment method type
41	Finance	Payment	Payment authorization	Group of data elements giving details of an institution that authorizes a request including authorization details, account details and period of time of the validity of the authorization		
42	Finance	Payment	Payment date and time	Date on which a sum of money is sent or received to settle an invoice, fee, fine or charge in full or in part		
43	Finance	Payment	Payment enclosures	Information required by a supplier to accompany a payment in order to facilitate matching the payment to a corresponding invoice	Copy of invoice returned, Invoice number on cheque stub, No enclosure	Payment provided
44	Finance	Payment	Self payment	Group of data elements giving details of how a requester intends to pay and the maximum he or she is prepared to pay		

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Table 4 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
45	Finance	Payment	Terms of payment	Terms according to which a specific invoice or fee is to be paid		Payment terms
46	Finance	Payment	Transportation payment terms (terms added)	Indication of who pays shipping charges and when, including how they will be invoiced	Charged to customer, Collected on delivery, Pre-paid by vendor	

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3.2.4 Organization by “Holdings” class

Table 5 — Class: Holdings (physical or electronic copies)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
01	Holdings		Holdings	Data structure describing a bibliographic resource or group of like or similar resources and one or more institution’s copies of the resource or resources		
02	Holdings	Availability	Availability policy	Phrase or structure indicating restrictions which apply in relation to loan, copy or access	Available for supply without return, Circulation limited by user type, In library use only, Indeterminate loan period flag, Non returnable flag, Not for loan, Overnight only, Semester loan, Term loan	Circulation category, Item use restriction type, Lending policy, Loan availability, Policy
03	Holdings	Availability	Available count	Count of the number of physical or digital copies of a resource available for use or delivery in the context of a particular request		
04	Holdings	Availability	Available for	Code or phrase indicating the nature of service available in relation to a specific bibliographic resource	Digital copy, Loan, Online access, Physical copy, Reference look-up	
05	Holdings	Availablility	Available via	Code or phrase indicating a licensor or vendor facilitating access to a virtual holding of an electronic resource		
06	Holdings	Availability	Circulation status	Code that indicates the actual availability of a copy or group of copies for access, copy or loan	Available, Not available, Pending, Possibly available, Reported lost, Reported missing, Reported never borrowed, Reported returned	Availability status
07	Holdings	Availability	Electronic access restrictions	Code or phrase that indicates authentication or other requirements necessary in order to access an electronic resource at a specific address	Access restricted URL based, Access with authorization, No online access, Preview only, Restrictions unspecified, Unrestricted access	Access restrictions
08	Holdings	Availability	Reservation policy	Code or phrase indicating whether a party owning or managing a resource will accept reservations for the resource	Will accept, Will not accept, Will possibly accept	

Table 5 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
09	Holdings	Availability	Summary policy	Group of data elements for a resource or set of resources and their copies summarizing availability policy, conditions and charges		
10	Holdings	Copy history	Borrower relationship to copy	Code indicating the status of the relationship between a user and a specific copy of a resource	Current booking user, Current borrower, Current requester, Current reserving user, Last borrower, Second last borrower	
11	Holdings	Copy history	Copy history information	Group of data elements giving information on the circulation transaction history of a copy or group of copies of a resource		Item history information
12	Holdings	Copy history	Count period	Time period used to calculate a statistical total	Total loans count period	
13	Holdings	Copy history	Count period end	Last date of a period used for counting		
14	Holdings	Copy history	Count period start	Earliest date of a period used for counting		
15	Holdings	Copy history	Date/time of copy's last activity	Date and time on which a copy or any copy or a group of copies was last involved in a circulation or delivery transaction that implied it was physically handled or electronically accessed, such as a loan, return or transfer		Date/time of item's last activity
16	Holdings	Copy history	Date/time of last return	Date and time on which a borrower returned a copy of a resource		
17	Holdings	Copy history	Date/time of last transfer	Date and time on which a copy of a resource changed from one location to another		Location: valid from date
18	Holdings	Copy history	Last activity type	Code or phrase indicating the nature of the last activity of a copy of a bibliographic resource	Return, Stocktake, Transfer	
19	Holdings	Copy history	Total access count	Number of times that any copy of a resource or group of resources has been accessed in a given time period that implied physical handling or electronic access		
20	Holdings	Copy history	Total circulation count	Number of times that any copy of a resource or group of resources has been lent in a given time period, including external loans		

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Table 5 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
21	Holdings	Copy history	Total DCB count	Number of times that any copy of a resource or group of resources has been lent directly to an external user (Direct Consortia Borrowing) in a given time period		
22	Holdings	Copy history	Total inter-library loans borrowed	Number of times that any copy of a resource or a group of resources has been borrowed from another library or copied from another library in a given period		Total ILL borrowed
23	Holdings	Copy history	Total inter-library loans count	Number of inter-library loan transactions with external libraries in a given period, including incoming and outgoing loans and copies for a resource or group of resources		Total ILL count
24	Holdings	Copy history	Total inter-library loans lent	Number of times that any copy of a resource or a group of resources has been lent to another library or copied for another library in a given period		Total ILL lent
25	Holdings	Copy history	Total loans count	Number of times that any copy or group of copies of a resource has been lent in a given time period, not including external loans		
26	Holdings	Copy history	Total reservations count	Number of times that a resource or copy of a resource was reserved for use in a given period		
27	Holdings	Copy identification	Accession number	Number assigned to a copy according to the order of its entry into a collection		
28	Holdings	Copy identification	Copy number	Number or phrase added to a copy shelf locator to distinguish a particular copy from other copies of the same bibliographic resource		
29	Holdings	Copy identification	Copy shelf locator	String of characters that identifies a copy's or a set's shelving scheme within its sub-location in relation to other copies		Call number, Local call number, Shelf locator
30	Holdings	Copy identification	Electronic locator	Text string or pointer such as a URL indicating availability and location of an electronic resource		

Table 5 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
31	Holdings	Copy identification	Permanent location	Name or code of a section and/or collection of a library or other institution that normally stores a copy or set when it is not in use, on loan or on the reservation shelves		
32	Holdings	Copy identification	Piece identifier	Number or phrase that identifies a specific instance of a resource	Accession number, Barcode, URI (Uniform Resource Identifier; either URL or URN)	Copy identification number, Copy identifier, Internal item identification, Item description, Item id, Item identification, Item identification number, Item identifier value, Unique item id, Visible item identifier
33	Holdings	Copy identification	Set	Collection of components of a bibliographic resource including multi-volume publications and resources published serially, often received by a subscription purchase		
34	Holdings	Copy identification	Set label	Number or phrase serving to identify a set of copies such as a subscription for a resource that is published in multiple parts serially		Label
35	Holdings	Copy identification	Temporary location	Name or code of a section and/or collection of a library that has been allocated to store a copy for a defined period, overriding the normal permanent location		
36	Holdings	Copy information	Binding type	Type of cover of a copy	Cloth, Library binding, Paperback	
37	Holdings	Copy information	Copy description level	Number or phrase indicating whether the detail given in the description of a multi-piece copy is for all pieces or the copy as a whole		Item description level
38	Holdings	Copy information	Copy information	Group of data elements providing details of a specific copy of a physical or digital resource		Item description
39	Holdings	Copy information	Current location	Name or code of a section within a library at which a copy is located at a particular point in time, or where it was last lent, returned or sighted		
40	Holdings	Copy information	Physical condition	Description of the state of wear of a particular copy of a resource	Physical condition details, Physical condition type	Technical defects

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Table 5 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
41	Holdings	Copy information	Security marker	Device placed in a physical piece that is used by a machine sensor to detect whether or not the piece is being legitimately removed from a premises		
42	Holdings	Copy information	Sensitization flag	Indication that a physical piece cannot be passed through a magnetic de-sensitization process		
43	Holdings	Copy information	Value	Estimate of the cost of replacing a copy of a resource or an indication of the value placed on a copy		Appraised value, Value of item
44	Holdings	Holding	Copies summary	Group of data elements summarizing the number of copies of a bibliographic resource or group of resources and their availability		
45	Holdings	Holding	Copy	Tangible instance of a bibliographic resource or set, whether physical or electronic, comprising one or more pieces		
46	Holdings	Holding	Date/time holdings statement reported	Latest date and time of update of a holdings statement		
47	Holdings	Holding	Holding simple	Group of data elements containing information for a resource or group of resources summarizing number of copies, and the number actually available		
48	Holdings	Holding	Holding structured	Group of data elements providing descriptive information and an indication of the coverage, completeness, availability and service policy of a bibliographic resource that is published serially or in multiple parts		
49	Holdings	Holding	Summary holdings statement	Phrase indicating the beginning, ending and completeness of holdings of a bibliographic resource that is published in parts		Unstructured holdings, Unstructured holdings data

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3.2.5 Organization by “Party” class

Table 6 — Class: Party

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
01	Party		Transaction participant	Data that identify an institution or individual that participates in a transaction	From agency id, From system id, Initiator of most recent service, Intermediary id, On behalf of agency, Requester id, To agency id, To system id	Party
02	Party	Attributes	Borrowed copies count	Total of copies of a resource on loan to a user at any given point in time		Loaned item count value
03	Party	Attributes	Date/time of registration	Date and time on which a user's privileges begin		
04	Party	Attributes	Date/time registration expires	Date and time after which a user's privileges cease		
05	Party	Attributes	Participant type	Indicates whether a participant is an institution, a system or a person		Party type
06	Party	Attributes	Participant's function	Word or code specifying the function or role performed by a party in a session or transaction	Authorizing officer, Bill to party, Buyer party, Database provider, Interloan function, Interloan officer, Intermediary, OpenURL referent, OpenURL referrer, OpenURL requester, Originator, Referent, Referrer, Request transfer message referent , Request transfer message referrer, Request transfer message requester, Requester, Ship from party, Ship to party, Supplier, User, Vendor/supplier, Verifier	Institution role, User’s role

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Table 6 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
07	Party	Identification	Party identifier	Number or phrase presented to a system to identify an institution or person	Additional party id, Client barcode, Initial requester id, Institution, Institution identification, Institution identifier, Institution identifier code, ISIL (ISO 15511), Library code or symbol, Person or institution symbol, Responder id, Supplier id, User's internal identification	Client id, Client identifier, Client identifier value, Party id, Unique agency id, Unique user id, User id, User identifier, User identification, User identification number, User identifier value, User's identifier, Visible user id, Visible user identifier, Visible user identifier type
08	Party	Privileges	Access and use privileges	Services permitted to a party upon successful connection to a system		Access privileges, User privilege, User privilege description
09	Party	Privileges	Access or use privilege constraint	Limitation applied to permission to gain access, borrow or use a resource or particular copy of a resource or service	Use in library only	
10	Party	Privileges	Access or use privilege requirement	Condition that must be met in order for access privileges to be valid for a party	Presentation of identification; Signing a copyright statement	
11	Party	Privileges	Date/time access privilege commences	Date and time when access privileges assigned to a party start		Date of user privilege status, User privilege status: valid from date
12	Party	Privileges	Date/time access privilege ends	Date and time when access privileges assigned to a party terminate		Date/time authorization expires, User privilege status: valid to date
13	Party	Privileges	Privilege note	Free text note that qualifies or explains the current privileges of a party	Overdue charges are waived temporarily	
14	Party	Privileges	Security level	Phrase or code used to specify the right of a party to access information at various levels of confidentiality		Sensitive data flag
15	Party	Privileges	User group	Code or phrase given by a library or parent institution that signifies a user's normal privileges	House bound service, Military service and rank, Undergraduate	Agency user privilege type, User category, User type, User types
16	Party	Record relation	Date/time party relation commences	Date and time when a relationship commences between an individual and an institution or between two individuals		

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Table 6 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
17	Party	Record relation	Date/time party relation ends	Date and time when a relationship ends between an individual and an institution or between two individuals		
18	Party	Record relation	Party relation	Code or phrase that indicates an association between an individual or institution and another party		Personal/corporate responsibility flag
19	Party	Record relation	Party relation type	Code or phrase that defines the relationship between an individual or institution and another individual or institution	Child, Child institution, Client proxy for, Family member, Parent, Parent institution, Partner, Proxy for, Spouse	Personal relationship to user

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3.2.6 Organization by “Party — Group” class

Table 7 — Class: Party — Group

Row	Class	Sub-Class	Data element name	Description	Examples	Synonyms
01	Party — Group	Name	Abbreviated name	Short form of an institution’s name		Symbol for institution
02	Party — Group	Name	Main unit of institution name	Base name of an institution, usually the name of the governing body		
03	Party — Group	Name	Name of institution	Word, phrase or initialism intended to identify an institution or corporation		Corporate name, Institution name, Library name, Organization name information, Party name
04	Party — Group	Name	Official seal of institution	Design, initial or other device serving to identify an institution in an official manner		
05	Party — Group	Name	Subordinate unit of institution name	Part of a name of an institution which defines a subdivision or department or unit of the institution		Institution section

3.2.7 Organization by “Party — Person” class

Table 8 — Class: Party — Person (involved in a transaction)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
01	Party — Person	Identification	Alternative identity information	Group of data elements presented to a system as an alternative identification of an individual		Alternative user identity information
02	Party — Person	Identification	Person’s affiliation	Name of the system that has registered a unique number or code to identify an individual		User affiliation, User's affiliation
03	Party — Person	Identification	Service point	Code or phrase representing a location within or outside a library from which a user borrows library material		Reservation collection location, User service point
04	Party — Person	Identification	Signature	Name, written in a person’s own hand, often serving to indicate a person's accord	Authorizing officer’s signature, Originator's signature	Client signature
05	Party — Person	Identification	User's home library	Code or phrase representing a library at which a user is registered for borrowing and other privileges		
06	Party — Person	Identification	User's home location or branch	Code or phrase representing a location within a library at which a user is registered for borrowing and other privileges		
07	Party — Person	Identity document	Administrative authority issuing identity document	Government or other administrative authority issuing an identity document		
08	Party — Person	Identity document	Date/time identity document commences	Date and time on which an individual's identity document becomes valid		
09	Party — Person	Identity document	Date/time identity document expires	Date and time after which an individual's identity document will cease to be valid		
10	Party — Person	Identity document	Identity document	Group of data elements describing a document, licence or card used to identify an individual, issued by a government or other administrative body		
11	Party — Person	Identity document	Identity document number	Unique number or character string assigned by an administrative authority to identify an individual		

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Table 8 (*continued*)

Row	Class	Sub-Class	Data element name	Description	Examples	Synonyms
12	Party — Person	Identity document	Other information related to an identity document	Information related to an identity document which clarifies the relationship of an individual to an administrative body issuing identification	Academic affiliation, Military service and rank, Visa information	
13	Party — Person	Identity document	Type of identity document	Code or phrase indicating a document, licence or card used to identify an individual		Identifier type
14	Party — Person	Organization information	Date/time project or certificate commences	Date and time an individual user commenced work on a project or certificate		
15	Party — Person	Organization information	Date/time project or certificate completes	Date and time of expected completion of a project or an academic certificate, including degree, diploma and certificate		
16	Party — Person	Organization information	Organizational information	Phrase that provides information about a section of an organization with which a person is associated		Additional general organization information, Department/school
17	Party — Person	Organization information	Person's activity	Word, code or phrase that indicates a particular task being undertaken by an individual, either individually or as part of a group	AIDS (Acquired Immunodeficiency Syndrome) research team; Ph.D. in Physics	Course name number, User's activity
18	Party — Person	Organization information	Title in organization	Phrase defining a person's role and function within an organization	Managing director, President, Professor, Research associate, Student, Visiting professor	User's title in organization
19	Party — Person	Personal information	Additional descriptive personal information	Phrase containing information, defined by a local system, concerning an individual's relationship to that system	Client other affiliation	Miscellaneous user note, User note
20	Party — Person	Personal information	Date of birth	Day, month and year when an individual was born		
21	Party — Person	Personal information	Language	Code indicating the language in which an individual prefers to communicate		Client contact language, User language
22	Party — Person	Personal information	Minor flag	Code indicating that an individual's age is lower than that of an adult and as a consequence another person, usually a parent, is responsible for his or her loans and financial transactions		
23	Party — Person	Personal information	Preferred contact mode	Code or phrase that indicates the means of communication preferred by an individual		Client contact mode

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Table 8 (*continued*)

Row	Class	Sub-Class	Data element name	Description	Examples	Synonyms
24	Party — Person	Personal information	Privacy information	Group of data elements to protect the confidentiality of personal information		User privacy information
25	Party — Person	Personal information	Related personal user information	Group of data elements identifying another individual or user related to a user		
26	Party — Person	Personal information	Sex	Code indicating the gender of an individual		
27	Party — Person	Personal information	Type of alternative information	Code or phrase that defines the nature of alternative personal information	Maiden name, Pseudonym or alias	
28	Party — Person	Personal name	Given name	Simple, double or compound name that distinguishes an individual within a family carrying a common name		Client given name, User given name, Christian name
29	Party — Person	Personal name	Initials	First letter of each component of a person's given name that distinguish an individual within a family carrying a common surname		Client initials
30	Party — Person	Personal name	Numeric qualifier	Numeric element, either Arabic, Roman or other numeric type, that in conjunction with surname and given names, forms an integral part of a name, serving to identify an individual		
31	Party — Person	Personal name	Personal name	Group of data elements comprising the full name of an individual		Client name, Name information, Personal name information, Structured personal user name, User's name
32	Party — Person	Personal name	Personal name unstructured	Text string giving the name of an individual without the elements being delimited		Unstructured personal name, Unstructured personal user name
33	Party — Person	Personal name	Prefix	Text string, placed before other personal name elements, that serves to clarify an individual's identity, but does not form an integral part of a name		Client prefix
34	Party — Person	Personal name	Suffix	Text string placed on the end of a personal name that serves to clarify an individual's identify but does not form an integral part of a name		Client suffix

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Table 8 (*continued*)

Row	Class	Sub-Class	Data element name	Description	Examples	Synonyms
35	Party — Person	Personal name	Surname	Family name of an individual		Client surname, User surname
36	Party — Person	Personal status	Date/time of user booking status	Date and time on which a user's booking privileges last changed		
37	Party — Person	Personal status	Date/time of user loan status	Date and time on which a user's loan privileges last changed		
38	Party — Person	Personal status	Date/time of user reservation status	Date and time on which a user's reservation privileges last changed		
39	Party — Person	Personal status	Date/time of user's last activity	Date of last transaction initiated by an individual	Copy returned, Fee paid, Last loan, Reservation placed, Resource accessed	
40	Party — Person	Personal status	Fees outstanding	Total of all fees and fines owed by an individual to an institution		
41	Party — Person	Personal status	Party status note	Free text note that qualifies or explains the current status of a user	Borrower status note	
42	Party — Person	Personal status	User booking status	Code or phrase that may indicate a modification to a user's normal booking privileges		
43	Party — Person	Personal status	User loan status	Code or phrase that may indicate a modification to a user's borrowing and other privileges	User: block or trap	Client status, User status
44	Party — Person	Personal status	User reservation status	Code or phrase that may indicate a modification to a user's normal reservation privileges		
45	Party — Person	Profile	Profile starting date and time	Date and time a set of preferences or privileges is activated for an individual by a system		
46	Party — person	Profile	Profile termination date and time	Date and time a set of preferences or privileges is deactivated for an individual by a system		
47	Party — Person	Profile	User profile	Data identifying various personal preferences and privileges	Access privileges, Billing information, User’s equipment	

3.2.8 Organization by “Request” class

Table 9 — Class: Request

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
01	Request	Authorization	Copyright declaration	Agreement by a user to respect the terms of copyright in relation to copying or receiving a copy of a requested resource		Copyright compliance, Copyright declaration statement
02	Request	Authorization	Copyright declaration date and time	Date and time on which a copyright declaration statement was signed by an individual		
03	Request	Authorization	Loan authorization	Statement that a loan has been approved		
04	Request	Cancellation	Confirm cancellation request	Requester’s instruction that a supplier confirm the cancellation of a specific purchase order		
05	Request	Cancellation	Date/time of cancellation	Date and time on which a request is cancelled, including purchase request, return request and credit request		Cancel date
06	Request	Cancellation	Number of items cancelled	Word or code used to indicate whether or not a cancellation request applies to the entire contents of a request		Cancel quantity
07	Request	Cancellation	Reason for cancel	Requester's explanation for wanting to cancel a request		
08	Request	Cancellation	Reason for return	Requester's explanation for wanting to return a requested item	Arrived too late, Damaged, Order cancelled, Order duplicated, Overstock, Wrong binding, Wrong title ordered, Wrong title sent	
09	Request	Claim	Claim number	Indicates the number of previous claims to a supplier or reminders to a borrower for a requested copy of a resource or copy on loan		Claim history, Overdue notice number, Reminder level
10	Request	Claim	Date/time last issue received	Date and time on which the last issue of a serial publication was received		
11	Request	Claim	Date/time of claim	Date and time on which a claim notice concerning the receipt or return of an item is sent or will be sent		Claim date, Date recalled, Date/time overdue notice sent

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Table 9 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
12	Request	Claim	Notice content	Standard text string that is used in conjunction with dynamic details to create a claim or advice notice		
13	Request	Claim	Notice type	Code or phrase indicating the context of a notice sent to a party	Claim, Overdue, Recall, Reservation available for collection	Notice
14	Request	Claim	Reason for claim	Code or string that identifies a problem or problems resulting in a demand for rectification, usually supply or re-supply of a requested item	Damaged supply, Invoice not received, Overdue loan, Overdue supply, Request for early return of a loan	
15	Request	Claim	Response to claim	Notification by a supplier of the actions taken to rectify a problem with the receipt of a requested item	Delay in publication, Never published, Not identified as cited, Out of print	
16	Request	Detail	Acquisitions priority	Word or code indicating the degree of urgency applying to a request for an item	Routine, Rush	Order priority code
17	Request	Detail	Acquisitions type	Word or code describing the conditions under which an item is being acquired, permanently or temporarily	Approval request, Confirmation, Copy request, Deposit, Exchange, Inter-library loan (ILL), Loan, Membership, Purchase, Shipped service type	ILL service type, Order type code, Request type, Service required
18	Request	Detail	Back order code	Instruction as to whether an unfilled order is to be retained by the supplier for future delivery	Back order if not yet published, Back order if out of stock, Do not back order	Order fill terms
19	Request	Detail	Cataloguing quantity	Number of a cataloguing product including records, cards and kits requested to accompany an ordered item		
20	Request	Detail	Cataloguing service	Cataloguing products requested from a supplier vendor for an ordered item, including records, cards and kits		Cataloguing instructions
21	Request	Detail	Date/time ordered	Date and time on which a request for acquisition or loan was sent		Date placed, Reference date
22	Request	Detail	Date/time selected	Date and time on which an item is selected for ordering		Date of user request

Table 9 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
23	Request	Detail	Date/time subscription renewal effective	Date and time on which a renewal of a periodical subscription becomes effective		
24	Request	Detail	Do not ship before date and time	Date and time before which a shipment should not be sent		Earliest date needed
25	Request	Detail	Expiry flag	Indication that a request may or may not have a limited validity period		
26	Request	Detail	ILL request type	Indicates the complexity of an interloan request and the method used to manage possible suppliers	Chained, Partitioned, Simple	Service request type, Transaction type
27	Request	Detail	Invoicing instructions	Code or text indicating requirements for separate or combined invoices for a requested item or group of items		
28	Request	Detail	Mandated action	Indicates that a responding application shall honour a request because the initiating application has already acted upon the update		
29	Request	Detail	Multi-item indicator	Word or code used to indicate that a request such as an acquisitions transaction applies to more than one item		
30	Request	Detail	Notice of non-receipt responsibility	Statement that a requesting institution is required to notify a supplier in case of non-receipt of a requested item within a specified time period		Notice of non-receipt
31	Request	Detail	Number of copies requested	Indication of quantity requested of a particular requested item		Quantity ordered
32	Request	Detail	Order line number	Sequential number pertaining to an item in a multi-item document or message		Item number, Subline number
33	Request	Detail	Place reservation	Indication in a loan or copy request that a requestor wishes a reservation to be made if a resource or particular copy of a resource is not immediately available		Place on hold
34	Request	Detail	Purchase authorization	Statement or other indication that a purchase request has been validated		Approved by

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Table 9 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
35	Request	Detail	Request conditions	Restrictions and prerequisites necessary for the fulfilment of a request		
36	Request	Detail	Resource available in system	Indication as to whether a resource suggested for acquisition is already available within a library		Item available in system
37	Request	Detail	Resource desired in response	Indicates that a requester desires an electronic resource be transmitted as part of a request response		Resource desired
38	Request	Detail	Resource identification instruction	Instruction to a supplier to identify a requested resource by specific data elements, such as identification number, author and title		Item identification instruction
39	Request	Detail	Respond within	Word, code or phrase that indicates a time period, usually a number of days since the date of a request within which a response is required		Desired due date, Need before date, Response time
40	Request	Detail	Search effort	Specification of the effort to be made in obtaining a requested resource		Search type
41	Request	Detail	Substitute option	Indication that another resource may or may not be substituted for a requested resource	Binding substitution, Different binding, Different edition	This edition only
42	Request	Detail	Type of reproduction	Physical form in which a requested copy is to be produced	Microform negative, Microform positive, Photocopy negative, Photocopy positive	
43	Request	Identifier	Request identifier	Code, number or string that uniquely identifies a request	Local request number, Reference number, Standard request number	Correspondence reference, Order number, Request identifier value, Request number, Unique request id
44	Request	Loan	Date/time of renewal	Date and time on which a copy on loan was renewed for a further loan period		Date renewed
45	Request	Loan	Date/time of return	Date and time on which a copy was returned from loan to a library location		Date reported returned, Date returned
46	Request	Loan	Renewal number	Number representing the number of times the time period of a loan has been extended		Renewal count
47	Request	Locations	Possible locations	List of institutions that may possess a requested resource		Locations results, Possible suppliers, Send-to list

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Table 9 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
48	Request	Locations	Possible locations — Already-tried list	Indication of possible sources that have already been approached and are not able to fulfill a request at a certain point in time		Already-tried list
49	Request	Locations	Preferred supplier	Indicates a preference from a list of potential supply sources		Preference
50	Request	Locations	Sources checked	Listing of bibliographic sources, including union catalogues, that have been searched in attempting to identify or locate a requested resource		Catalogues searched
51	Request	Reply	Conditions of use	Specification of restrictions imposed on the supply or use of a copy at the time of a request	May not be photocopied, No restriction, Prepayment, Renewable, Renewal not permitted, Reproduction restrictions, Use in air conditioned room only, Use in rare book room only, Use outside library building not permitted	Acknowledged item use restriction type, Availability, Conditions, Item use restriction type, Required item use restriction type, Shipped conditions
52	Request	Reply	Date/time due	Date and time on which a copy is to be returned to the library or lending institution	Desired date for return, Desired due date, Location: valid to date	Date due, Date for return, Due date
53	Request	Reply	Date/time of earliest recall	Date and time before which it is not possible to recall a copy that is on loan		
54	Request	Reply	Date/time of loan	Date and time on which a copy was lent to a user		Date checked out
55	Request	Reply	Date/time resource available	Date and time on which a resource will be ready for delivery or access	Consumer on sale data	Date available, Date/time item available, Date to send, Date will send, Earliest despatch date, Estimated date available, Expected ship date
56	Request	Reply	Reapplication date and time	Date when a request should be resubmitted		

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Table 9 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
57	Request	Reply	Reason unfulfilled	Explanation given for the permanent or temporary inability to fulfill a request	Copyright compliance lacking, Cost exceeds limit, In process, In use, Lost, Non-circulating, Not on shelf, Not owned, Not yet published, Out of print, Reason will supply	
58	Request	Reply	Referral forwarded date and time	Date and time when a request was forwarded to another potential supplier		
59	Request	Reply	Reservation made	Indication that a reservation or hold has been placed for a requested resource that is temporarily unavailable		Hold placed results
60	Request	Reply	Retry results	Indication of temporary unavailability of a requested copy of a resource or temporary inability to supply as requested	At bindery, Cost exceeds limit, In process, In use, Lacks copyright compliance, Not found as cited, On hold, On loan, On order, Prepayment required, Volume issue not yet available	
61	Request	Reply	Transaction results	Reason or reasons given for not immediately fulfilling a request	Conditional, Estimate, Hold placed, Locations provided, Retry, Unfilled, Will supply	
62	Request	Reservation and booking	Booking location	Location within a library where a user has booked a particular copy of a resource for a particular time period	Reserve book room, Video branch library	
63	Request	Reservation and booking	Date/time booking ends	Date and time on which a fixed time period reservation for a particular copy of a resource finishes for a particular user		
64	Request	Reservation and booking	Date/time booking starts	Date and time on which a user is scheduled to collect a copy of a resource reserved for a specific time period		
65	Request	Reservation and booking	Date/time of reservation collection	Date and time on which a user is scheduled to collect or has collected a reserved copy		Hold pickup date, Pickup date
66	Request	Reservation and booking	Date/time reservation advice notice sent	Date and time on which a notice indicating availability of a requested resource or a particular copy of a resource was sent to a user		

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Table 9 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
67	Request	Reservation and booking	Date/time reservation expires	Date and time after which a user no longer wishes to reserve a resource or a particular copy of a resource		Block or trap valid to date, Expiry date, Need before date, Pickup expiry date
68	Request	Reservation and booking	Date/time reservation required	Earliest date and time on which a user wishes a reservation to become effective		Block or trap valid from date
69	Request	Reservation and booking	Requested resources count	Total number of resources on request for a person		Requested copies count, Requested items count, Requested items count value
70	Request	Reservation and booking	Reservation advice notice required	Code that indicates whether or not a user requires an advice notice to be sent when a reserved resource or a particular copy of a resource becomes available		
71	Request	Reservation and booking	Reservation and booking information	Group of data elements concerning reservations on resources and copies within a library collection and bookings for specific time periods		
72	Request	Reservation and booking	Reservation queue length	Count of the number of people in a reservation queue for a particular resource or a particular copy of a resource		Hold queue length
73	Request	Reservation and booking	Reservation queue position	Position of an individual in a reservation queue for a particular resource or a particular copy of a resource		Hold queue position
74	Request	Reservation and booking	Reservation status	Indication of progress of a request to supply a particular resource or a particular copy of a resource		
75	Request	Reservation and booking	Reservation target location	Name of a location within an institution holding a resource or several resources that can fulfill an individual's reservation request		
76	Request	Reservation and booking	Reservation type	Code or phrase that indicates the scope of a reservation, defining a group of resources and their copies to which a reservation applies		Block or trap type, Request scope type
77	Request	Shipping and packing	Bin number	Text string identifying a temporary storage location used during the transfer process of a physical piece		

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Table 9 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
78	Request	Shipping and packing	Routing destination	Location or temporary bin number to which a physical piece is being transferred		Destination
79	Request	Shipping and packing	Routing information	Group of data elements identifying the intended location of a requested physical piece and the means of getting there		
80	Request	Shipping and packing	Routing instructions	Text string giving particulars about the transfer of a physical piece to an intended location		
81	Request	Shipping and packing	Shipping instructions	Information in a request specifying shipment preferences such as the preferred carrier and packaging requirements	Airmail instruction	
82	Request	Status	Acquisitions number	Identifier of an item in all documents or messages associated with the acquisition of that item		
83	Request	Status	Date/time acquisitions status	Latest date and time of update of the request and receipt status of an item		
84	Request	Status	Date/time of status response	Date and time on which a status response is sent		
85	Request	Status	Number of items outstanding	Quantity of an ordered item that has not yet been despatched by a supplier and has been back ordered		
86	Request	Supply	Combined shipment	Number of orders represented in a single shipment on a single invoice		
87	Request	Supply	Damaged on receipt	Indication that a requested item has been received in a damaged state or with a part or parts missing		Damaged details
88	Request	Supply	Date/time item received	Date and time on which the delivery of a requested item was accepted		Date checked in, Date received, Date shipment received
89	Request	Supply	Date/time item sent or shipped	Date and time when a requested item was sent to a requester		Date sent, Date shipped, Ship notice date, Shipping date
90	Request	Supply	Date/time replacement sent	Date and time on which a replacement for a missing or damaged item was sent		

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Table 9 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
91	Request	Supply	Electronic resource provided flag	Indicates that an electronic resource has been transmitted as part of a request response		
92	Request	Supply	Free on board (FOB)	Location from which shipping charges are computed		
93	Request	Supply	Invoice location	Indication of where an invoice slip or slips can be found with a shipment	Enclosed, Mailed under separate cover, Outside of package	
94	Request	Supply	Loan period	Period of time expressed in hours, days, weeks or months designated for a loan		
95	Request	Supply	Number of cartons	Total number of packages used in a single shipment		Number of packages
96	Request	Supply	Number of items delivered to date	Quantity of a requested item despatched by a supplier on or before a given date		
97	Request	Supply	Reason for supply	Code or phrase given with the supply of bibliographic or authority records, indicating the action that caused the supply	Accompanying a diagnostic message, Record changed, Response to online request, Response to persistent query	Record type
98	Request	Supply	Reproduction policy	Phrase or code that indicates whether or not a resource or a particular copy of a resource may be reproduced for supply	Will not reproduce, Will reproduce	
99	Request	Supply	Request status	Code indicating the receipt status of an ordered item	Completed, Currently received (serial), Not currently received (serial), On order	Acquisitions status, Order line status, Order status, Request status type, Status
100	Request	Supply	Return instructions	Instructions by a lending institution regarding the means and methods by which a requested item should be returned		
101	Request	Supply	Re-use package	Instruction from a lending institution that the same packaging is to be used to return a requested item as was used to send it		
102	Request	Supply	Shipping note	Information pertaining to the shipment of an item such as carrier and packaging		
103	Request	Supply	Shipping reference	Identifier assigned by a supplier or carrier to assist in tracking of a parcel or shipment of parcels		

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Table 9 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
104	Request	Supply	Substitute item	Group of data elements describing an item that has been supplied instead of a requested item, including identification, description, pricing detail and delivery information		
105	Request	Supply	Total titles	Total number of distinct bibliographic resources relating to a transaction, such as an invoice, purchase order or shipment note		Number of lines
106	Request	Supply	Total units	Total number of physical units relating to a transaction such as an invoice, purchase order or shipment		Chargeable units, Units shipped
107	Request	Supply	Total weight	Total weight of a single shipment		
108	Request	Supply	Transportation mode	Means of delivering a requested item or items	Air cargo, Airmail, Book rate, Express, Hold for pickup, Parcel post, Ship best method	Physical delivery, Returned via
109	Request	Third party information	Permission to chain	Indicates that a request may be referred and then subsequently referred again without needing to notify the requester		
110	Request	Third party information	Permission to change send to list	Indicates that a list of preferred sources may be changed by deleting existing or adding new sources		
111	Request	Third party information	Permission to forward	Indicates that a request may be referred to an institution other than that which received the request		
112	Request	Third party information	Permission to partition	Indicates that it is possible to split a request and send the parts to two or more institutions		
113	Request	Third party information	Third party info type	Information concerning the role and rights of intermediaries in transactions where more than two parties are involved		
114	Request	Verification	Degree of bibliographic verification	Indication of the accuracy of data elements used to identify a resource, including discrepancies between its description in the request and its description in the verification source		
115	Request	Verification	Verification source	Authoritative source of bibliographic information used to identify or locate a resource		Bibliographic verification, Reference source, Verification reference source

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3.2.9 Organization by “Resource” class

Table 10 — Class: Resource

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
01	Resource	Additional data retrieval element	Abstract or description	Textual description of the content of a bibliographic resource		
02	Resource	Additional data retrieval element	Additional data retrieval element	Group of data elements which is added to a bibliographic or metadata record to facilitate the retrieval of a bibliographic resource		
03	Resource	Additional data retrieval element	Classification	Structured data string applied to a bibliographic resource that indicates the subject of a resource and sequences it with similar resources	Bliss Classification, Dewey Decimal Classification (DDC), Library of Congress Classification, Universal Decimal Classification (UDC)	Classification scheme identifier
04	Resource	Additional data retrieval element	Edition of classification scheme	Identification of the edition of the classification scheme from which a classification number was taken		
05	Resource	Additional data retrieval element	Keyword	Word extracted from descriptive metadata or assigned to assist in the retrieval of a bibliographic resource		
06	Resource	Additional data retrieval element	Subject	Phrase indicating the topic of a bibliographic resource		
07	Resource	Additional data retrieval element	Subject retrieval code	Code that describes an attribute of the subject of a bibliographic resource, designed to facilitate the retrieval of the resource	Geographic area code, Historical period code	
08	Resource	Bibliographic description	Accompanying material	Description of other material associated with a resource		
09	Resource	Bibliographic description	Author or creator	Person or organization primarily responsible for creating the intellectual content of a bibliographic resource	Article author, Author of article, Author of component	Author
10	Resource	Bibliographic description	Bibliographic note	Word or phrase providing additional information about a bibliographic resource	Binding note, Reproduction note	Supplemental item description

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Table 10 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
11	Resource	Bibliographic description	Dissertation level	Signification of merit given by an institution to an original intellectual work		Level
12	Resource	Bibliographic description	Dissertation thesis information	Group of data elements providing information on a document recording original intellectual work pertaining to the environment in which a work was created		
13	Resource	Bibliographic description	Edition	Identifier of a group of copies of a resource produced from one master copy or produced with substantially the same type image and having the same content		Edition statement
14	Resource	Bibliographic description	Form of contents	Code or phrase that describes the nature or genre of the contents or part of the contents of a bibliographic resource	Abstract or summary, Bibliography, Catalogue, Dictionary, Directory, Dissertation, Encyclopaedia, Index, Patent, Technical report	Document type, Resource type
15	Resource	Bibliographic description	Form (technical specifications)	Physical or digital characteristics of a manifestation of a bibliographic resource, often constraining its use or indicating software that can read and display the resource	Computer media, Diskette format, Film gauge, JPEG (Joint Photographic Experts Group), Microcomputer software version, MPEG (Motion Picture Experts Group), PDF (Portable Document Format), Reduction ratio of microfilm, Size of computer disk or cassette	Document type, Electronic data format type, Electronic resource, Form of item, Format of item (technical specifications), Held medium type, Medium type, Requested material format, Supply medium type
16	Resource	Bibliographic description	Frequency	Interval between the publication date of two issues of a serial resource	Annually, Biennially, Bi-monthly, Bi-weekly, Daily, Irregularly, Monthly, Quarterly, Semi-annually, Semi-monthly, Semi-weekly, Three times a year, Triennial, Weekly	
17	Resource	Bibliographic description	Issue identification	Group of data elements intended to identify a unit of a resource that is published in parts and identify the relationship of the part to the whole resource		

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Table 10 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
18	Resource	Bibliographic description	Language of resource	Code or word indicating the language of the intellectual content of a resource		Language, Requested material language
19	Resource	Bibliographic description	Number of volumes	Number of physical volumes, including fiche, reels, records, boxes and kits comprising a resource		
20	Resource	Bibliographic description	Other contributor	Person or organization, not specified as a creator, who has made a significant intellectual contribution to a bibliographic resource but whose contribution is secondary	Editor, Illustrator, Transcriber, Translator	
21	Resource	Bibliographic description	Pagination	Numbering of the pages of a resource		
22	Resource	Bibliographic description	Place of publication	Geographical location of a publisher or manufacturer		City of publication
23	Resource	Bibliographic description	Publisher	Organization responsible for making a bibliographic resource available		Publisher name
24	Resource	Bibliographic description	Record content type	Word or code identifying the content of a bibliographic resource	Cartographic material, Computer media, Multimedia, Music score, Projected and video material, Sound recording (musical), Sound recording (non-musical), Text, Three-dimensional artefacts and realia, Two-dimensional graphic	Product form
25	Resource	Bibliographic description	Resource coverage	Statement of the extent or scope of the content of a bibliographic resource		
26	Resource	Bibliographic description	Resource source	Reference to a bibliographic resource from which the present bibliographic resource is derived		
27	Resource	Bibliographic description	Series	Name given to a number of separate publications related to one another by the fact that each bears a collective title applying to the group or subgroup as a whole as well as its own title		Series title, Series title number

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Table 10 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
28	Resource	Bibliographic description	Size of resource	Physical dimensions of a resource		Size code, Size of item
29	Resource	Bibliographic description	Sponsoring body	Organization that issued a resource or provided assistance in the publication or diffusion of a resource		
30	Resource	Bibliographic description	Title	Name given to a bibliographic resource	Article title, Key title, Parallel title, Principal title, Title of article, Title of component, Uniform title	
31	Resource	Bibliographic information	Bibliographic description	Set of bibliographic data recording and identifying a resource		Item description, Item information, Resource description
32	Resource	Bibliographic information	Bibliographic encoding level	Code or phrase that indicates the completeness and quality of the cataloguing content of a bibliographic record	Level 1 (item not examined), Level 2 [pre-publication (CIP)], Level 3 (less than complete), Not CIP (copy in publication)	
33	Resource	Bibliographic information	Bibliographic information	Group of data elements comprising information specific to a bibliographic record		
34	Resource	Bibliographic information	Bibliographic level	Word or code used to characterize the publication level of a resource	Analytic or component part, Collection, Integrating resource, Monograph, Serial	
35	Resource	Bibliographic information	Date/time of creation	Date and time when a resource is made		
36	Resource	Bibliographic information	Date/time of publication	Date and time when a bibliographic resource is made available	Article publication date, Publication date of component	Date, Publication date, Year, Year of publication
37	Resource	Bibliographic information	Non-descriptive bibliographic element	Group of data elements identifying coded, retrieval, note and other information parts of a bibliographic record that do not describe the bibliographic resource		
38	Resource	Bibliographic information	Resource supply factors	Group of data elements estimating the ease of locating and obtaining a copy of a particular bibliographic resource	Copyright status, In print status, Rareness	

Table 10 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
39	Resource	Collection	Collection	Group of data elements that describe and define a group of resources and their associated copies within an institution's bibliographic resources		
40	Resource	Collection	Collection code	Code or text string that identifies an attribute of a collection		
41	Resource	Collection	Collection description	Description of a property or properties that are common to all copies of a collection		
42	Resource	Collection	Collection profile	Group of data elements describing and differentiating a collection, including location and material type attributes		
43	Resource	Collection	Completeness	Code or phrase indicating the level of holdings of a copy set ranging from complete to signalling gaps or substantial gaps	Complete, Incomplete, Very incomplete or scattered	
44	Resource	Collection	Locations count	Count of the number of physical locations having one or more copies of a bibliographic resource		
45	Resource	Collection	On order count	Count of the number of physical or digital copies ordered and awaiting receipt, or received and not yet processed		
46	Resource	Collection	Retention policy	Code or phrase that indicates the extent to which individual issues of a serial or multi-part resource are retained and the time period for which they are retained	Not retained, Permanently retained, Retained except where updated, Retained for a limited period, Retained until replaced by cumulation, Retained until replaced by microform, Sample issue retained	Disposal policy
47	Resource	Collection	Total acquired	Number of copies of a resource or group of resources that were acquired by purchase or other means in a given time period		
48	Resource	Collection	Total collection count	Number of copies of a resource or group of resources that are included in a collection		

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Table 10 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
49	Resource	Collection	Total copies count	Number of copies of a resource or group of resources that were owned, rented or accessible by an institution in a given time period		Copies count, Number of units, Total copies held
50	Resource	Collection	Total discarded	Number of copies of a resource or group of resources that were discarded from a collection in a given time period		
51	Resource	Collection	Total ordered	Number of copies requested for acquisition in a given time period		
52	Resource	Component	Alternative numbering	Code indicating that an enumeration and chronology is a secondary or parallel sequence		
53	Resource	Component	Chronology	Phrase expressing a time period identifying a unit of a resource which is published in parts and identifying the relationship of the part to the whole resource		Chronology value
54	Resource	Component	Chronology caption	Label describing the contents and level of a chronological element		
55	Resource	Component	Chronology level	Number indicating the hierarchical sequence of a chronological element in relation to other similar elements in an enumeration and chronology group with the broadest element having the lowest level		
56	Resource	Component	Component	Unique bibliographic part of a set, such as a volume of a serial or multi-volume work		
57	Resource	Component	Enumeration	Number, letter or word identifying a unit of a resource that is published in parts and identifying the relationship of the part to the whole resource	Issue, Volume	Enumeration value, Volume or part
58	Resource	Component	Enumeration and chronology	Group of data elements identifying a unit of a resource that is published in parts		Volume issue
59	Resource	Component	Enumeration caption	Label describing the contents and level of an enumeration element		

Table 10 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
60	Resource	Component	Enumeration level	Number indicating the hierarchical sequence of an enumeration element in relation to other similar elements in an enumeration and chronology group with the broadest element having the lowest level		
61	Resource	Component	Unit type	Code or phrase qualifying enumeration and chronology to indicate the type of the part being enumerated	Basic, Index, Supplement	
62	Resource	Identifier	Issue identifier	Number or phrase uniquely identifying a unit of a resource that is published in parts	SACI (Serial Article Contribution Identifier)	
63	Resource	Identifier	Part detail	Text string identifying a resource in relation to its parent resource		
64	Resource	Identifier	Reference to resource	Information in the form of an electronic address that points to an electronic resource or group of resources	OpenURL, URI (Uniform Resource Identifier; either URL or URN) , URL (Uniform Resource Locator)	Base URL (Uniform Resource Locator)
65	Resource	Identifier	Resource identifier	Unique identifier of a bibliographic resource or its metadata record	Component identifier, International standard number, National bibliographic number	Bib number, Bibliographic item identifier, Product identifier

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Table 10 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
66	Resource	Identifier	Resource identifier code	Code or phrase used to identify the numbering system or type of retrieval data of a resource identifier	British National Bibliography number (BNB), Component identifier type, DOI (Digital Object Identifier), International standard numbering code, International standard numbering code name, ISBN (ISO 2108), ISMN (ISO 10957), ISRC (ISO 3901), ISSN (ISO 3297), ISTC (ISO 21047), National bibliographic authority, PURL, Report document number, Unique bibliographic id, URI (Uniform Resource Identifier; either URL or URN), URL (Uniform Resource Locator), URN (Uniform Resource Name)	Bibliographic item identifier code, Type of number
67	Resource	Identifier	Supplemental identifier	Phrase that, when combined with a resource identifier, allows unique identification of a database record or resource	Sub transaction qualifier	Additional identifiers, Additional numbers/letters, Supplemental id
68	Resource	Rights management	Date/time rights commence	Date and time when entitlements or intellectual rights to a resource start		
69	Resource	Rights management	Date/time rights end	Date and time when entitlements or intellectual rights to a resource finish		
70	Resource	Rights management	Owner of rights	Person, organization or service possessing intellectual and/or distribution rights to a bibliographic resource		
71	Resource	Rights management	Receiver of rights	Person or organization entitled to access, copy, modify or delete a bibliographic resource		
72	Resource	Rights management	Rights	Statement of the intellectual or distribution entitlements in relation to access, copying, modifying and deleting a bibliographic resource		Authorization detail, Rights information type

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Table 10 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
73	Resource	Rights management	Rights accorded by	Identification of an individual or institution owning rights or granting rights pertaining to a particular bibliographic resource	Author, Authorization institution, Copyright Clearance Agency, Publisher, Requester	
74	Resource	Rights management	Rights information detail	Code or string indicating details of an individual's right to a resource or a particular copy of a resource	Authorization code, Copyright declaration	
75	Resource	Rights management	Rights management	Group of data elements describing intellectual entitlements and distribution entitlements to access, copy, modify or delete a resource		Rights information

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3.2.10 Organization by “Search” class

Table 11 — Class: Search (including database elements)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
01	Search	Database information	Coverage	Set of dates, subject terms or volume designators used to indicate the scope of a database		Description
02	Search	Database information	Database identifier	Unique name or code specifying a collection of one or more databases		Database name, Repository name
03	Search	Database information	Database producer	Name or code used to identify the creator of a given database		
04	Search	Database information	Database size	Number of records in a database as of a specific date		
05	Search	Database information	Earliest date stamp	Earliest date and time that can be specified for harvesting records from a database or repository		
06	Search	Database information	Index entry	Character string that points to one or more database records		Entries, Terms
07	Search	Database information	Index identifier	Code or phrase used to name an index to a database		Index name, Term list and start point, Use attribute
08	Search	Database information	Information service provider (ISP)	Name or code used to identify the organization that makes a database available		
09	Search	Database information	Latest update of database	Date and time used to indicate when new or revised information was last added to a given database		
10	Search	Database information	Time stamp granularity	Degree of precision of date and time applied to records in a database or repository	YYYYMMDD; YYYYMMDDHHSS	Granularity
11	Search	Query	Boolean operator	Reserved term or symbol used to express logical relationships between search terms, results sets or both	Boolean modifiers	Boolean, Operand
12	Search	Query	Completeness attribute	Phrase or code that specifies whether search results should match a search expression exactly or may merely contain it		

Table 11 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
13	Search	Query	Connector	Symbol that introduces a qualifier used in conjunction with a search term		
14	Search	Query	Data case sensitivity	Code indicating whether or not upper and lower case within a data string is significant		Case, Case insensitive, Case sensitive
15	Search	Query	Data truncation attribute	Code or phrase indicating whether or not data is truncated and the nature of the truncation	Conditional truncation attribute, Old value truncation attribute	Truncation attribute
16	Search	Query	Level of normalization for collation	Degree to which different characters are considered equal for retrieval and sorting purposes, including data case, diacritic marks and other script-specific manipulations	Collation level (UNICODE)	UNICODE level
17	Search	Query	Masking symbol	Designated character within a character set that is used to indicate that the exact value is non-critical for a specific number of characters of a search term		
18	Search	Query	Positional attribute	Attribute that specifies the position of a type of search term (such as name and subject) within a search expression	Anywhere, First in field	Position attribute
19	Search	Query	Proximity operator	Code or phrase used to specify the sequence of and distance between search terms		
20	Search	Query	Query note	Codes used to specify a common format recognised by both the origin (requesting computer) and the target (responding computer)		
21	Search	Query	Query type	Identifies the syntax of a query	Common command (ISO 8777), Common Query Language (CQL), Reverse Polish Notation (RPN), Z39.50 type 101 (ERPN), Z39.58	Search type
22	Search	Query	Ranging operator	Code or phrase used to assign ranges of consecutive values to search parameters		Comparator symbol
23	Search	Query	Related terms	Code or phrase indicating that the search is for entries that are logically related to the specified search term		
24	Search	Query	Relational attribute	Code or phrase used to indicate relative values	Relation modifiers	Relation, Relation attribute

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Table 11 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
25	Search	Query	Restoration symbol	One or more symbols or characters used to restore the literal meaning of reserved words, operators or symbols whenever they must be used as part or all of a search term		
26	Search	Query	Search term	One or more words, numbers or symbols used in a search statement of a command specification		
27	Search	Query	Separator	Designated character used to mark off or set apart components of a command expression		
28	Search	Query	Stop word	Discrete character string that is not used as an index term		
29	Search	Query	Term structure attribute	Attribute that specifies the structure of a search term	Phrase, Word	Structure attribute
30	Search	Query	Weighting factor	Numeric value that is assigned to a search term or a command expression in order to rank or restrict the number of records that are retrieved		
31	Search	Request	Command expression	Request for the performance of an operation or for the execution of a particular computer program	Scan clause	
32	Search	Request	Command identifier	Number or code that is assigned to a command expression and that can be used to reference it		
33	Search	Request	Command specification	String of characters following a command word and specifying how and on what the command expression is to operate		Function
34	Search	Request	Command word	Specific word or abbreviation used to initiate a command expression		
35	Search	Request	Data compression	Method of compacting transmitted data		Compression
36	Search	Request	Display constraints	Limitations on the visual representation of data at a user's terminal or printer		
37	Search	Request	Hardware profile	Hardware facilities for accessing and performing the functions required for the interchange of data between information retrieval systems		

Table 11 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
38	Search	Request	Large set lower bound	Integer that indicates a threshold above which the user will only be informed about the size of the result set		
39	Search	Request	Maximum record size	Codes that specify the maximum size of a record in a result set		
40	Search	Request	Maximum segment count	Total number of data segments that may be included in a search retrieve or response message		
41	Search	Request	Maximum segment size	Largest number of octets occupied by response records in a search retrieve or response message		
42	Search	Request	Medium set present number	Integer that indicates the number of records to be returned with a search response wherever the result set size exceeds the small set upper bound and is less than the large set lower bound		
43	Search	Request	Number of records or terms requested	Indication in a request of the total number of records or index entries to return in the response		Maximum records, Maximum terms, Number of records requested
44	Search	Request	Output format	Visual arrangement of layout of data on a screen or hardcopy printout	Preferred resource report format	Display format
45	Search	Request	Output medium	Code or phrase used to specify the medium on which the results of a search should be saved or recorded	CD-ROM, Computer output microform, Local disk, Magnetic tape, Paper, Screen	
46	Search	Request	Preferred message size	Indication during session initiation of the maximum size of response messages	Exceptional record size	
47	Search	Request	Record composition	Phrase or code indicating a subset of elements of an abstract database record	Element set name, Medium set element set names, Record XPath, Small set element set names	Comp spec, Path
48	Search	Request	Replace indicator	Code which indicates whether an existing result set with the same name should be replaced or not		

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Table 11 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
49	Search	Request	Small set upper bound	Integer that indicates that all the records comprising a result set are to be returned if a result set size is equal to or less than this integer		
50	Search	Request	Sort option	Code or phrase that specifies the order in which items in a list are sorted	Ascending, Descending, Missing value	Sort keys, Sort sequence
51	Search	Request	Thesaurus identifier	Code or phrase used to identify a controlled vocabulary		
52	Search	Response	Hit constraint	Maximum number of records authorized to be retrieved in any given search		
53	Search	Response	Index display code	Code or number that is dynamically assigned to index terms during on-line display to enable users to easily reference a given term		
54	Search	Response	Next result set position	Position within the result set of the next record following the last record returned		Next record position, Resumption token
55	Search	Response	Posting	Number of records associated with an index entry		Number of records
56	Search	Response	Present status	Code or phrase indicating if some or all of the records can be supplied when search status is unsuccessful		
57	Search	Response	Records returned or sent	Integer indicating the number of database and/or diagnostic records returned		Number of records, Number of records returned, Records returned
58	Search	Response	Response record	Record created in answer to a database query that may be derived from a database or a diagnostic record explaining why a particular record cannot be returned		Record data, Records, Response records
59	Search	Response	Search status	Code or phrase indicating whether a search is in progress or completed and has produced a full, empty or incomplete result set	Partial results available	
60	Search	Response	Stylesheet	Template that can be combined with a database record to produce an enhanced display		

Table 11 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
61	Search	Result set	Date/time results set created	Date and time on which a results set comprising a group of records obtained by a search or present operation was created on a target database		Creation date time
62	Search	Result set	Delete operation status	Code or phrase used to indicate the status of a delete result set operation		
63	Search	Result set	Extent of deletion	Instruction to delete one or all sets		Delete function
64	Search	Result set	Number not deleted	Numeric value indicating the number of result sets that failed to be deleted		
65	Search	Result set	Result set identifier	Word, phrase or code assigned by a system to a result set of an executed search command	Input result set, Result set list, Sorted result set	Persistent result set package name, Result set id, Result set name, Set
66	Search	Result set	Result set qualifier	Code or phrase that qualifies a result set identifier		
67	Search	Result set	Result set size	Numeric value that identifies the number of records that have been retrieved from an executed search command		Number of records, Result count
68	Search	Result set	Result set status	Code or phrase indicating the availability of a group record assembled in response to a search request	Bulk status, Delete list status, Interim, None, Result set idle time, Sort status, Subset	
69	Search	Result set	Result set time to live	Instruction by a requester indicating the preferred duration of a result set created from a request		Result set TTL (time to live)
70	Search	Result set	Start point	Position within a result set or index from which records or index entries will be returned	Additional ranges	Result set start point, Result set start position, Start record, Where in list
71	Search	Scan	Display term	Text string intended for display in place of an actual index term that may include data such as stopwords that are not present in an index		
72	Search	Scan	Position in response	Indication in a scan command of the number of index entries to return that occur before the first entry that matches the requested scan term		Response position

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Table 11 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
73	Search	Scan	Step size	Indication in a scan command of a number of index entries to skip between each index entry selected for inclusion in a scan response		
74	Search	SDI	Last search execution date and time	Date and time on which a regular scheduled search (selective dissemination of information) was last run		From, Last SDI (Selective Dissemination of Information) execution date
75	Search	SDI	Next search execution date and time	Date on which a regular scheduled search (selective dissemination of information) will next be run		Next SDI (Selective Dissemination of Information) execution date, To
76	Search	SDI	Search frequency	Code or phrase used to indicate how frequently a search profile is to be executed		
77	Search	SDI	Search profile	Named set of one or more command expressions which may be executed periodically against one or more databases		

3.2.11 Organization by “Transaction” class

Table 12 — Class: Transaction

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
01	Transaction	Authentication	Authentication data	Code or phrase used by a system to authenticate the identity of an individual or automated process that has requested or is using a system function or service	From agency authentication, From system authentication	Authentication input data, Password, Security challenge response, User password
02	Transaction	Authentication	Authentication data format type	Physical format of data that is accepted by an institution or agency for authentication of a user	Audio, Image, Text	Authentication data format
03	Transaction	Authentication	Authentication input type	Identifies the nature of the data to be supplied to authenticate an individual	Barcode id, IP address range (Internet Protocol), PIN (Personal Identification Number), User name and password	Password type
04	Transaction	Authentication	Password edition	Code or phrase used to identify the current and previous password or passwords		
05	Transaction	Authentication	Security violation	Phrase or code used to report a problem in carrying out an operation for security reasons	Inappropriate authentication, Insufficient access rights, Invalid credentials, Invalid signature, Unrecognised security level	
06	Transaction	Authentication	System prompt	Text string or multiple choice list used to support and guide user interaction with an automated system or to elicit information such as authentication information or confirmation of terms		Security challenge
07	Transaction	Session	Amount of usage	Figure that measures the values established under Resource usage type and System performance		Resource report
08	Transaction	Session	Character set of dialogue	Code or word used to identify the character set in which data are encoded or to indicate the capability of systems hardware and software to process data encoded in one or more scripts		Character set, Supported character set
09	Transaction	Session	Continue flag	Instruction that processing should continue even though resource constraints have been exceeded		

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Table 12 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
10	Transaction	Session	Date/time of last session	Date and time that a user's last session ended		
11	Transaction	Session	Date/time session ended	Date and time a specific session ended		
12	Transaction	Session	Date/time session started	Date and time a specific session began	Date/time current session begins	
13	Transaction	Session	Initialization status	Code or word indicating whether a request to initialize a session was successful or not		
14	Transaction	Session	Language of dialogue	Code or word used to select the language in which a user will issue system commands, receive system assistance and responses		
15	Transaction	Session	Protocol control information	Codes used to control interactions between two independent systems		
16	Transaction	Session	Protocol options	Code, word or phrase that specifies capabilities that are supported by a service provider or user	Application profile supported type, Application profile type	Options
17	Transaction	Session	Protocol version indicator	Number or word that indicates which edition or release of a given specification is being used		Protocol version, Protocol version number, Version, Version indicator, Version number, Version supported
18	Transaction	Session	Reason for close	Explanation given by a database server for abnormally closing a session		Close reason
19	Transaction	Session	Resource limitation	Predefined value that imposes a limit on the amount of systems resources that may be consumed or, which if exceeded, will result in a specific system action		
20	Transaction	Session	Resource usage type	Code or string used to indicate the type of system resource that has been used within a session or given time period	Connect type, CPU (Central Processing Unit) time, Memory, Number of disk accesses, Number of sessions, Number of tapes, Packets transmitted, Terminal transactions	
21	Transaction	Session	Service profile	Coded or free text statements that identify the policies, services, charges, service hours etc. pertaining to a service provider	Level of service	

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Table 12 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
22	Transaction	Session	Session details	Data that identify various details about a specific session		
23	Transaction	Session	Session identifier	Code or number used to identify a specific period of interaction between a user and an automated system		
24	Transaction	Session	Session length constraint	Predefined time limit that, if exceeded, will result in a predefined system action		
25	Transaction	Session	Session parameters	Set of phrases or codes used to convey default values (predefined by a system and/or selected by a user) and other variable, non instructional information pertinent to a system or session		
26	Transaction	Session	Subsession identifier	Code or number used to identify a period of interaction with one specific service provided within a single session on an automated system		
27	Transaction	Session	Suspend flag	Indication whether processing has been suspended whenever resource constraints have been exceeded		Suspended flag
28	Transaction	Session	System performance	Data collected to inform management about system performance	Average response time, Number of system malfunctions, Number of telecommunication interruptions, Percentage of downtime, Start-up delay	
29	Transaction	System	System identifier	Code or phrase that identifies a computerized service involved in a transaction	Implementation id, Implementation name, Requesting system	Id/authentication, System id
30	Transaction	System	System name	Word, or phrase or initialism intended to identify a computerized service		System authority
31	Transaction	Task	Correlation information	Phrase that serves to identify a record within a specific task		
32	Transaction	Task	Date/time task package created	Date and time on which a task package was created		Creation date time
33	Transaction	Task	Date/time task package modified	Latest date and time of update of a task package		

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Table 12 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
34	Transaction	Task	Task package	Set of messages, grouped together in one message, for which common processing is requested		
35	Transaction	Task	Task package description	Phrase that indicates the contents and purpose of a task package		Description
36	Transaction	Task	Task package element set	Phrase or code indicating a subset of elements of a task package record		
37	Transaction	Task	Task package identifier	Code or phrase that uniquely identifies a task package		Package name
38	Transaction	Task	Task package permission	Code or phrase indicating one or more users who may gain access to or update a task package		Permissions
39	Transaction	Task	Task package retention period	Time period used to calculate a date and time after which a task package may be deleted	1 week, 2 hours, 3 days	Retention time
40	Transaction	Task	Task package target reference	Phrase indicating an identifier necessary for retrieving information from a target that is storing or processing a task package		Target reference
41	Transaction	Task	Task package type	Code that indicates the nature of contents within a task package	Export, Export invocation, Item order, Periodic query schedule, Persistent query, Persistent result set, Update	Package type
42	Transaction	Task	Task status	Code or phrase that indicates the stage in the progression towards completeness of a task or the nature of the completeness of a task	Aborted, Active, Complete, Pending	Current state, Operation status
43	Transaction	Task	Task update status	Code or phrase indicating the success, partial success or failure of a completed update task		

Table 12 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
44	Transaction	Transaction	Additional transaction information	Any pertinent information that is not covered or amplified by a specific data element within a message or transaction	Additional search information, Echoed search retrieve request, Extra request data, Extra response data, Message, Note, Notification note, Order notes, Other information, Pre-defined message, Reason for request, Requester note, Responder note, Responder optional messages, Review instruction, Security restriction instruction, Transaction group qualifier	Free text instruction, Instruction code, Notes, Notes/remarks, Remarks, Transaction qualifier
45	Transaction	Transaction	Date/time message received	Date and time on which a message is received by a system		Date message received
46	Transaction	Transaction	Date/time of transaction	Date and time on which a specific transaction was generated	Date event occurred, Date of most recent service, Date/time of original service, Date/time of this service	Document date/time, Issue date time, Service date/time
47	Transaction	Transaction	Diagnostic code	Code or phrase to indicate that a process cannot be executed or a record cannot be returned because of errors or system limitations		
48	Transaction	Transaction	Error condition	Code or standardized phrase sent by a system to indicate the nature of an error condition in relation to a transaction or task request	Supplemental diagnostics	Diagnostic information, Diagnostics, Error report, Global diagnostics, Messaging error, Operation diagnostics, Problem, Provider error report, Status report, Transaction error condition, User error report
49	Transaction	Transaction	Expiry date and time	Date and time after which a transaction expires	Date after which a copy may not be returned, Date after which a credit is requested, Date after which an order is invalid	

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Table 12 (*continued*)

Row	Class	Sub-class	Data element name	Description	Examples	Synonyms
50	Transaction	Transaction	Instruction override	Code, defined internally by a system, indicating the actions that may follow from a particular message or message part	Affirmation not required, Override not possible, Override possible, Override possible with password, Override possible with security clearance	
51	Transaction	Transaction	Message identification	Data used to identify a particular message		Op id
52	Transaction	Transaction	Message name	Phrase or code identifying the function of a message		Operation
53	Transaction	Transaction	Operation confirmation	User's authorization of a projected computer operation		
54	Transaction	Transaction	Time stamp	Time at which a transaction is sent, a message is sent or received or an event occurs		
55	Transaction	Transaction	Transaction completion flag	Code to indicate whether or not a transaction has been successful		
56	Transaction	Transaction	Transaction identifier	Code or number assigned to an intersystem communication		Op id, Reference id, Reference identifier, Transaction id, Transaction number
57	Transaction	Transaction	Wait action	Code that indicates how quickly a request should be processed in relation to acknowledging a request		

4 Alphabetically ordered list of data elements, examples and synonyms

Table 13 — Alphabetically ordered list of data elements

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Abbreviated name			Party — Group	Name
Aborted	Example	Task status	Transaction	Task
Abstract or description			Resource	Additional data retrieval element
Abstract or summary	Example	Form of contents	Resource	Bibliographic description
Academic affiliation	Example	Other information related to an identity document	Party — Person	Identity document
Access and use privileges			Party	Privileges
Access or use privilege constraint			Party	Privileges
Access or use privilege requirement			Party	Privileges
Access privileges	Synonym	Access and use privileges	Party	Privileges
	Example	User profile	Party — Person	Profile
Access restricted URL based	Example	Electronic access restrictions	Holdings	Availability
Access restrictions	Synonym	Electronic access restrictions	Holdings	Availability
Access with authorization	Example	Electronic access restrictions	Holdings	Availability
Accession number			Holdings	Copy identification
	Example	Piece identifier	Holdings	Copy identification
Accompanying a diagnostic message	Example	Reason for supply	Request	Supply
Accompanying material			Resource	Bibliographic description
Account balance	Synonym	Financial account balance	Finance	Account
Account details	Synonym	Account identifier	Finance	Account
Account holder name			Finance	Account
Account identifier			Finance	Account
Account institution			Finance	Account

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Account number	Synonym	Account identifier	Finance	Account
Accrual date	Synonym	Date/time of accrual	Finance	Account
Acknowledged fee amount	Synonym	Amount	Finance	Cost
Acknowledged item use restriction type	Synonym	Conditions of use	Request	Reply
Acquired Immunodeficiency Syndrome (AIDS) research team	Example	Person's activity	Party — Person	Organization information
Acquisitions number			Request	Status
Acquisitions priority			Request	Detail
Acquisitions status	Synonym	Request status	Request	Supply
Acquisitions type			Request	Detail
Acronym	Example	Link type	Database record	Attributes
Action	Synonym	Update action	Database record	Change data
Action qualifier	Synonym	Update action qualifier	Database record	Change data
Active	Example	Task status	Transaction	Task
Additional data retrieval element			Resource	Additional data retrieval element
Additional description	Example	Bibliographic information	Resource	Bibliographic information
Additional descriptive personal information			Party — Person	Personal information
Additional general organization information	Synonym	Organizational information	Party — Person	Organization information
Additional identifiers	Synonym	Supplemental identifier	Resource	Identifier
Additional numbers/letters	Synonym	Supplemental identifier	Resource	Identifier
Additional party id	Example	Party identifier	Party	Identification
Additional ranges	Example	Start point	Search	Result set
Additional search information	Example	Additional transaction information	Transaction	Transaction
Additional transaction information			Transaction	Transaction
Address			Address	

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Address detail	Synonym	Address line	Address	Physical address
Address instruction	Synonym	Address role	Address	Address
Address label			Address	Address
Address line			Address	Physical address
Address of user	Example	Address	Address	
Address part	Synonym	Address line	Address	Physical address
Address role			Address	Address
Address role type	Synonym	Address role	Address	Address
Address status			Address	Address
Address type			Address	Address
Administration email	Example	Electronic address	Address	Electronic address
Administrative authority issuing identity document			Party — Person	Identity document
Administrative or service fee	Example	Fee type	Finance	Cost
Affirmation not required	Example	Instruction override	Transaction	Transaction
Agency address role type	Example	Address role	Address	Address
Agency address: valid from date	Example	Date/time address valid	Address	Address
Agency address: valid to date	Example	Date/time address invalid	Address	Address
Agency element type	Synonym	Record retrieval elements	Database record	Attributes
Agency user privilege type	Synonym	User group	Party	Privileges
AIDS (Acquired Immunodeficiency Syndrome) research team	Example	Person's activity	Party — Person	Organization information
Air cargo	Example	Transportation mode	Request	Supply
Airmail	Example	Transportation mode	Request	Supply
Airmail instruction	Example	Shipping Instructions	Request	Shipping and packing
Already tried list	Synonym	Possible locations — Already tried list	Request	Locations

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Alternative heading form			Database record	Authority record
Alternative identity information			Party — Person	Identification
Alternative numbering			Resource	Component
Alternative user identity information	Synonym	Alternative identity information	Party — Person	Identification
Amount	Synonym	Amount	Finance	Cost
Amount of fee	Synonym	Amount	Finance	Cost
Amount of usage			Transaction	Session
Analytic	Example	Link type	Database record	Attributes
Analytic or component part	Example	Bibliographic level	Resource	Bibliographic information
Annually	Example	Frequency	Resource	Bibliographic description
Anywhere	Example	Positional attribute	Search	Query
Application profile supported type	Example	Protocol options	Transaction	Session
Application profile type	Example	Protocol options	Transaction	Session
Appraised value	Synonym	Value	Holdings	Copy information
Approval request	Example	Acquisitions type	Request	Detail
Approved by	Synonym	Purchase authorization	Request	Detail
Arrived too late	Example	Reason for return	Request	Cancellation
Article author	Example	Author or creator	Resource	Bibliographic description
Article publication date	Example	Date/time of publication	Resource	Bibliographic information
Article title	Example	Title	Resource	Bibliographic description
Ascending	Example	Sort option	Search	Request
At bindery	Example	Retry results	Request	Reply
Attributes			Database record	Attributes
Audio	Example	Authentication data format type	Transaction	Authentication
Authentication data			Transaction	Authentication
Authentication data format	Synonym	Authentication data format type	Transaction	Authentication

Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Authentication data format type			Transaction	Authentication
Authentication input data	Synonym	Authentication data	Transaction	Authentication
Authentication input type			Transaction	Authentication
Author	Synonym	Author or creator	Resource	Bibliographic description
	Example	Rights accorded by	Resource	Rights management
Author of article	Example	Author or creator	Resource	Bibliographic description
Author of component	Example	Author or creator	Resource	Bibliographic description
Author or creator			Resource	Bibliographic description
Authorization account	Example	Account identifier	Finance	Account
Authorization code	Example	Rights information detail	Resource	Rights management
Authorization detail	Synonym	Rights	Resource	Rights management
Authorization institution	Example	Rights accorded by	Resource	Rights management
Authorization limit	Example	Maximum cost	Finance	Cost
Authorized	Example	Authority status	Database record	Authority record
Authorized indicator			Database record	Authority record
Authorizing officer	Example	Participant's function	Party	Attributes
Authorizing officer's signature	Example	Signature	Party — Person	Identification
Authority information			Database record	Authority record
Authority record	Example	Record type	Database record	Attributes
Authority status			Database record	Authority record
Availability	Synonym	Conditions of use	Request	Reply
Availability policy			Holdings	Availability
Availability status	Synonym	Circulation status	Holdings	Availability
Available	Example	Circulation status	Holdings	Availability
Available count			Holdings	Availability
Available for			Holdings	Availability

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Available for supply without return	Example	Availability policy	Holdings	Availability
Available via			Holdings	Availability
Average response time	Example	System performance	Transaction	Session
Back order code			Request	Detail
Back order if not yet published	Example	Back order code	Request	Detail
Back order if out of stock	Example	Back order code	Request	Detail
Bank cheque	Example	Mode of payment	Finance	Payment
Barcode	Example	Piece identifier	Holdings	Copy identification
Barcode id	Example	Authentication input type	Transaction	Authentication
Base URL (Uniform Resource Locator)	Synonym	Reference to resource	Resource	Identifier
Basic	Example	Unit type	Resource	Component
Bib number	Synonym	Resource identifier	Resource	Identifier
Bibliographic description			Resource	Bibliographic information
Bibliographic encoding level			Resource	Bibliographic information
Bibliographic information			Resource	Bibliographic information
Bibliographic item identifier	Synonym	Resource identifier	Resource	Identifier
Bibliographic item identifier code	Synonym	Resource identifier code	Resource	Identifier
Bibliographic level			Resource	Bibliographic information
Bibliographic note			Resource	Bibliographic description
Bibliographic occurrence count			Database record	Authority record
Bibliographic record	Example	Record type	Database record	Attributes
Bibliographic record identifier	Synonym	Record identifier	Database record	Identifier
Bibliographic record identifier code	Synonym	Record identifier code	Database record	Identifier
Bibliographic verification	Synonym	Verification source	Request	Verification
Bibliography	Example	Form of contents	Resource	Bibliographic description
Bid price	Example	Price qualifier	Finance	Cost

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Biennially	Example	Frequency	Resource	Bibliographic description
Bill to party	Example	Participant's function	Party	Attributes
Billing address	Example	Address role	Address	Address
Billing date	Synonym	Invoice date and time	Finance	Invoice
Billing information			Finance	Invoice
Billing information	Example	User profile	Party — Person	Profile
Billing method type	Synonym	Mode of payment	Finance	Payment
Bi-monthly	Example	Frequency	Resource	Bibliographic description
Bin number			Request	Shipping and packing
Binding note	Example	Bibliographic note	Resource	Bibliographic description
Binding substitution	Example	Substitute option	Request	Detail
Binding type			Holdings	Copy information
Bi-weekly	Example	Frequency	Resource	Bibliographic description
Bliss classification	Example	Classification	Resource	Additional data retrieval element
Block or trap type	Synonym	Reservation type	Request	Reservation and booking
Block or trap valid from date	Synonym	Date/time reservation required	Request	Reservation and booking
Block or trap valid to date	Synonym	Date/time reservation expires	Request	Reservation and booking
BNB (British National Bibliography number)	Example	Resource identifier code	Resource	Identifier
Book rate	Example	Transportation mode	Request	Supply
Booking location			Request	Reservation and booking
Boolean	Synonym	Boolean operator	Search	Query
Boolean modifiers	Example	Boolean operator	Search	Query
Boolean operator			Search	Query
Borrowed copies count			Party	Attributes
Borrower relationship to copy			Holdings	Copy history

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Borrower status note	Example	Party status note	Party — Person	Personal status
British National Bibliography number (BNB)	Example	Resource identifier code	Resource	Identifier
Broader form	Example	Link type	Database record	Attributes
Budget/fund information	Synonym	Account identifier	Finance	Account
Building			Address	Physical address
Building name	Synonym	Building	Address	Physical address
Bulk edit/replace qualifier	Example	Update action qualifier	Database record	Change data
Bulk status	Example	Result set status	Search	Result set
Business address	Example	Address label	Address	Address
Buyer party	Example	Participant's function	Party	Attributes
Call number	Synonym	Copy shelf locator	Holdings	Copy identification
Campus mail	Example	Delivery service	Address	Physical address
Cancel balance of order exceeding amount	Example	Not to exceed action	Finance	Cost
Cancel date	Synonym	Date/time of cancellation	Request	Cancellation
Cancel entire order	Example	Not to exceed action	Finance	Cost
Cancel quantity	Synonym	Number of items cancelled	Request	Cancellation
Cancelled order	Example	Credit justification	Finance	Credit
Care of	Synonym	Contact person	Address	Address
Cartographic material	Example	Record content type	Resource	Bibliographic description
Case	Synonym	Data case sensitivity	Search	Query
Case insensitive	Synonym	Data case sensitivity	Search	Query
Case sensitive	Synonym	Data case sensitivity	Search	Query
Catalogue	Example	Form of contents	Resource	Bibliographic description
Catalogue record	Example	Record	Database record	

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Catalogue record character set	Synonym	Record character set	Database record	Attributes
Catalogue record identifier	Synonym	Record identifier	Database record	Identifier
Catalogue record identifier code	Synonym	Record identifier code	Database record	Identifier
Catalogue record language	Synonym	Language of cataloguing	Database record	Attributes
Catalogue record status	Synonym	Record status	Database record	Attributes
Catalogue record type	Synonym	Record type	Database record	Attributes
Catalogues searched	Synonym	Sources checked	Request	Locations
Cataloguing field information	Synonym	Field	Database record	Record field
Cataloguing instructions	Synonym	Cataloguing service	Request	Detail
Cataloguing quantity			Request	Detail
Cataloguing record transliteration scheme	Synonym	Record transliteration scheme	Database record	Attributes
Cataloguing service			Request	Detail
CD-ROM	Example	Output medium	Search	Request
Central Processing Unit (CPU) time	Example	Resource usage type	Transaction	Session
Chained	Example	ILL request type	Request	Detail
Change data			Database record	Change data
Change data new value			Database record	Change data
Change data new version identifier			Database record	Change data
Change data old value			Database record	Change data
Change data old version identifier			Database record	Change data
Character set	Synonym	Character set of dialogue	Transaction	Session
Character set change flag			Database record	Record field
Character set of dialogue			Transaction	Session
Charge amount	Synonym	Amount	Finance	Cost
Charge type	Synonym	Fee type	Finance	Cost
Chargeable units	Synonym	Total units	Request	Supply

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Charged to customer	Example	Transportation payment terms (terms added)	Finance	Payment
Check digit algorithm			Database record	Identifier
Child	Example	Party relation type	Party	Record relation
Child institution	Example	Party relation type	Party	Record relation
Children's library	Example	Location within building	Address	Physical address
Chronology			Resource	Component
Chronology caption			Resource	Component
Chronology level			Resource	Component
Chronology value	Synonym	Chronology	Resource	Component
Circulation category	Synonym	Availability policy	Holdings	Availability
Circulation limited by user type	Example	Availability policy	Holdings	Availability
Circulation status			Holdings	Availability
City			Address	Physical address
City of publication	Synonym	Place of publication	Resource	Bibliographic description
Claim	Example	Notice type	Request	Claim
Claim date	Synonym	Date/time of claim	Request	Claim
Claim history	Synonym	Claim number	Request	Claim
Claim number			Request	Claim
Classification			Resource	Additional data retrieval element
Classification record	Example	Record type	Database record	Attributes
Classification scheme identifier	Synonym	Classification	Resource	Additional data retrieval element
Client barcode	Example	Party identifier	Party	Identification
Client contact language	Synonym	Language	Party — Person	Personal information
Client contact mode	Synonym	Preferred contact mode	Party — Person	Personal information
Client given name	Synonym	Given name	Party — Person	Personal name

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Client id	Synonym	Party identifier	Party	Identification
Client identifier	Synonym	Party identifier	Party	Identification
Client identifier value	Synonym	Party identifier	Party	Identification
Client initials	Synonym	Initials	Party — Person	Personal name
Client name	Synonym	Personal name	Party — Person	Personal name
Client other affiliation	Example	Additional descriptive personal information	Party — Person	Personal information
Client prefix	Synonym	Prefix	Party — Person	Personal name
Client proxy for	Example	Party relation type	Party	Record relation
Client signature	Synonym	Signature	Party — Person	Identification
Client status	Synonym	User loan status	Party — Person	Personal status
Client suffix	Synonym	Suffix	Party — Person	Personal name
Client surname	Synonym	Surname	Party — Person	Personal name
Close reason	Synonym	Reason for close	Transaction	Session
Cloth	Example	Binding type	Holdings	Copy information
Collation level (UNICODE)	Example	Level of normalization for collation	Search	Query
Collected on delivery	Example	Transportation payment terms (terms added)	Finance	Payment
Collection			Resource	Collection
	Example	Bibliographic level	Resource	Bibliographic information
Collection code			Resource	Collection
Collection description			Resource	Collection
Collection profile			Resource	Collection
Collective uniform title	Example	Heading type	Database record	Authority record
Combined shipment			Request	Supply
Command expression			Search	Request
Command identifier			Search	Request

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Command specification			Search	Request
Command word			Search	Request
Common command (ISO 8777)	Example	Query type	Search	Query
Common Query Language (CQL)	Example	Query type	Search	Query
Communication details	Synonym	Address	Address	
Community information record	Example	Record type	Database record	Attributes
Comp spec	Synonym	Record composition	Search	Request
Comparator symbol	Synonym	Ranging operator	Search	Query
Complete	Example	Completeness	Resource	Collection
		Task status	Transaction	Task
Completed	Example	Request status	Request	Supply
Completeness			Resource	Collection
Completeness attribute			Search	Query
Component			Resource	Component
Component identifier	Example	Resource identifier	Resource	Identifier
Component identifier type	Example	Resource identifier code	Resource	Identifier
Compression	Synonym	Data compression	Search	Request
Computer media	Example	Form (technical specifications)	Resource	Bibliographic description
		Record content type	Resource	Bibliographic description
Computer output microform	Example	Output medium	Search	Request
Conditional	Example	Transaction results	Request	Reply
Conditional data identifier			Database record	Change data
Conditional data value			Database record	Change data
Conditional field	Synonym	Conditional data identifier	Database record	Change data
Conditional truncation attribute	Example	Data truncation attribute	Search	Query
Conditions	Synonym	Conditions of use	Request	Reply

Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Conditions of use			Request	Reply
Confirm cancellation request			Request	Cancellation
Confirmation	Example	Acquisitions type	Request	Detail
Confirmed duplicate	Example	Duplicate test flag	Database record	Change data
Connect type	Example	Resource usage type	Transaction	Session
Connector			Search	Query
Consortium agreement	Synonym	Reciprocal agreement	Finance	Cost
Consumer on sale date	Example	Date/time resource available	Request	Reply
Contact person			Address	Address
Continuation	Example	Link type	Database record	Attributes
Continue flag			Transaction	Session
Conversion of Greek characters into Latin characters (ISO 843)	Example	Record transliteration scheme	Database record	Attributes
Copies count	Synonym	Total copies count	Resource	Collection
Copies summary			Holdings	Holding
Copy			Holdings	Holding
Copy description level			Holdings	Copy information
Copy history information			Holdings	Copy history
Copy identification number	Synonym	Piece identifier	Holdings	Copy identification
Copy identifier	Synonym	Piece identifier	Holdings	Copy identification
Copy information			Holdings	Copy information
Copy number			Holdings	Copy identification
Copy of invoice returned	Example	Payment enclosures	Finance	Payment
Copy request	Example	Acquisitions type	Request	Detail
Copy returned	Example	Date/time of user's last activity	Party — Person	Personal status
Copy shelf locator			Holdings	Copy identification

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Copyright clearance agency	Example	Rights accorded by	Resource	Rights management
Copyright compliance	Synonym	Copyright declaration	Request	Authorization
Copyright compliance lacking	Example	Reason unfilled	Request	Reply
Copyright declaration			Request	Authorization
Copyright declaration	Example	Rights information detail	Resource	Rights management
Copyright declaration date and time			Request	Authorization
Copyright declaration statement	Synonym	Copyright declaration	Request	Authorization
Copyright status	Example	Resource supply factors	Resource	Bibliographic information
Corporate name	Synonym	Name of institution	Party — Group	Name
	Example	Heading type	Database record	Authority record
Correlation information			Transaction	Task
Correspondence reference	Synonym	Request identifier	Request	Identifier
Cost	Synonym	Amount	Finance	Cost
		Monetary information	Finance	Cost
Cost constraint	Synonym	Maximum cost	Finance	Cost
Cost estimate	Example	Amount	Finance	Cost
Cost exceeds limit	Example	Reason unfilled	Request	Reply
		Retry results	Request	Reply
Cost info type	Synonym	Fee type	Finance	Cost
Cost type	Synonym	Fee type	Finance	Cost
Count period			Holdings	Copy history
Count period end			Holdings	Copy history
Count period start			Holdings	Copy history
Country			Address	Physical address
Course name number	Synonym	Person's activity	Party — Person	Organization information
Coverage			Search	Database information

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
CPU (Central Processing Unit) time	Example	Resource usage type	Transaction	Session
CQL (Common Query Language)	Example	Query type	Search	Query
Creation date time	Synonym	Date/time results set created	Search	Result set
		Date/time task package created	Transaction	Task
Credit amount			Finance	Credit
Credit card	Example	Mode of payment	Finance	Payment
Credit card holder name	Example	Account holder name	Finance	Account
Credit confirmation			Finance	Credit
Credit justification			Finance	Credit
Credit memo date and time			Finance	Credit
Currency	Synonym	Currency code	Finance	Cost
Currency code			Finance	Cost
Current address flag	Synonym	Address status	Address	Address
Current booking user	Example	Borrower relationship to copy	Holdings	Copy history
Current borrower	Example	Borrower relationship to copy	Holdings	Copy history
Current location			Holdings	Copy information
Current requester	Example	Borrower relationship to copy	Holdings	Copy history
Current reserving user	Example	Borrower relationship to copy	Holdings	Copy history
Current state	Synonym	Task status	Transaction	Task
Currently received (serial)	Example	Request status	Request	Supply
Custodian	Example	Contact person	Address	Address
Daily	Example	Frequency	Resource	Bibliographic description
Damage fine	Example	Fee type	Finance	Cost
Damaged	Example	Reason for return	Request	Cancellation
Damaged details	Synonym	Damaged on receipt	Request	Supply
Damaged on receipt			Request	Supply

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Damaged supply	Example	Reason for claim	Request	Claim
Data case sensitivity			Search	Query
Data compression			Search	Request
Data truncation attribute			Search	Query
Database identifier			Search	Database information
Database name	Synonym	Database identifier	Search	Database information
Database producer			Search	Database information
Database provider	Example	Participant's function	Party	Attributes
Database size			Search	Database information
Date	Synonym	Date/time of publication	Resource	Bibliographic information
Date after which a copy may not be returned	Example	Expiry date and time	Transaction	Transaction
Date after which a credit is requested	Example	Expiry date and time	Transaction	Transaction
Date after which an order is invalid	Example	Expiry date and time	Transaction	Transaction
Date available	Synonym	Date/time resource available	Request	Reply
Date checked in	Synonym	Date/time item received	Request	Supply
Date checked out	Synonym	Date/time of loan	Request	Reply
Date due	Synonym	Date/time due	Request	Reply
Date event occurred	Example	Date/time of transaction	Transaction	Transaction
Date for return	Synonym	Date/time due	Request	Reply
Date message received	Synonym	Date/time message received	Transaction	Transaction
Date of birth			Party — Person	Personal information
Date of most recent service	Example	Date/time of transaction	Transaction	Transaction
Date of user privilege status	Synonym	Date/time access privilege commences	Party	Privileges
Date of user request	Synonym	Date/time selected	Request	Detail
Date placed	Synonym	Date/time ordered	Request	Detail

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Date qualifier code	Broader than	Do not ship before date and time	Request	Detail
		Expiry date and time	Transaction	Transaction
Date recalled	Synonym	Date/time of claim	Request	Claim
Date received	Synonym	Date/time item received	Request	Supply
Date renewed	Synonym	Date/time of renewal	Request	Loan
Date reported returned	Synonym	Date/time of return	Request	Loan
Date returned	Synonym	Date/time of return	Request	Loan
Date sent	Synonym	Date/time item sent or shipped	Request	Supply
Date shipment received	Synonym	Date/time item received	Request	Supply
Date shipped	Synonym	Date/time item sent or shipped	Request	Supply
Date/time access privilege commences			Party	Privileges
Date/time access privilege ends			Party	Privileges
Date/time acquisitions status			Request	Status
Date/time address invalid			Address	Address
Date/time address valid			Address	Address
Date/time authorization expires	Synonym	Date/time access privilege ends	Party	Privileges
Date/time bibliographic record created	Example	Date/time record created	Database record	Attributes
Date/time bibliographic record updated	Example	Date/time record modified	Database record	Attributes
Date/time booking ends			Request	Reservation and booking
Date/time booking starts			Request	Reservation and booking
Date/time current session begins	Example	Date/time session started	Transaction	Session
Date/time due			Request	Reply
Date/time financial transaction validity commences			Finance	Account
Date/time financial transaction validity ends			Finance	Account

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Date/time holdings statement reported			Holdings	Holding
Date/time identity document commences			Party — Person	Identity document
Date/time identity document expires			Party — Person	Identity document
Date/time item available	Synonym	Date/time resource available	Request	Reply
Date/time item received			Request	Supply
Date/time item sent or shipped			Request	Supply
Date/time last issue received			Request	Claim
Date/time message received			Transaction	Transaction
Date/time of accrual			Finance	Account
Date/time of automatic deletion			Database record	Attributes
Date/time of cancellation			Request	Cancellation
Date/time of claim			Request	Claim
Date/time of copy's last activity			Holdings	Copy history
Date/time of creation			Resource	Bibliographic information
Date/time of earliest recall			Request	Reply
Date/time of item's last activity	Synonym	Date/time of copy's last activity	Holdings	Copy history
Date/time of last return			Holdings	Copy history
Date/time of last session			Transaction	Session
Date/time of last transfer			Holdings	Copy history
Date/time of last update			Database record	Attributes
Date/time of loan			Request	Reply
Date/time of original service	Example	Date/time of transaction	Transaction	Transaction
Date/time of publication			Resource	Bibliographic information
Date/time of registration			Party	Attributes
Date/time of renewal			Request	Loan
Date/time of reservation collection			Request	Reservation and booking

Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Date/time of return			Request	Loan
Date/time of status response			Request	Status
Date/time of this service	Example	Date/time of transaction	Transaction	Transaction
Date/time of transaction			Transaction	Transaction
Date/time of user booking status			Party — Person	Personal status
Date/time of user loan status			Party — Person	Personal status
Date/time of user reservation status			Party — Person	Personal status
Date/time of user's last activity			Party — Person	Personal status
Date/time ordered			Request	Detail
Date/time overdue notice sent	Synonym	Date/time of claim	Request	Claim
Date/time party relation commences			Party	Record relation
Date/time party relation ends			Party	Record relation
Date/time project or certificate commences			Party — Person	Organization information
Date/time project or certificate completes			Party — Person	Organization information
Date/time record created			Database record	Attributes
Date/time record lock expires			Database record	Change data
Date/time record modified			Database record	Attributes
Date/time registration expires			Party	Attributes
Date/time replacement sent			Request	Supply
Date/time reservation advice notice sent			Request	Reservation and booking
Date/time reservation expires			Request	Reservation and booking
Date/time reservation required			Request	Reservation and booking
Date/time resource available			Request	Reply
Date/time results set created			Search	Result set
Date/time rights commence			Resource	Rights management

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Date/time rights end			Resource	Rights management
Date/time selected			Request	Detail
Date/time session ended			Transaction	Session
Date/time session started			Transaction	Session
Date/time subscription renewal effective			Request	Detail
Date/time task package created			Transaction	Task
Date/time task package modified			Transaction	Task
Date to send	Synonym	Date/time resource available	Request	Reply
Date will send	Synonym	Date/time resource available	Request	Reply
DDC (Dewey Decimal Classification)	Example	Classification	Resource	Additional data retrieval element
Defective merchandise	Example	Credit justification	Finance	Credit
Deferred billing date and time			Finance	Invoice
Degree of bibliographic verification			Request	Verification
Delay in publication	Example	Response to claim	Request	Claim
Delayed billing date and time	Synonym	Deferred billing date and time	Finance	Invoice
Delete function	Synonym	Extent of deletion	Search	Result set
Delete list status	Example	Result set status	Search	Result set
Delete message	Loose relation	Transaction completion flag	Transaction	Transaction
Delete operation status			Search	Result set
Deleted record	Example	Record status	Database record	Attributes
Delivery address	Example	Address role	Address	Address
Delivery method type	Synonym	Address type	Address	Address
Delivery service			Address	Physical address
Delivery time	Synonym	Electronic delivery time	Address	Electronic address
Department/school	Synonym	Organizational information	Party — Person	Organization information
Deposit	Example	Acquisitions type	Request	Detail

Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Deposit account	Example	Mode of payment	Finance	Payment
Descending	Example	Sort option	Search	Request
Description	Synonym	Coverage	Search	Database information
		Task package description	Transaction	Task
Desired date for return	Example	Date/time due	Request	Reply
Desired due date	Synonym	Respond within	Request	Detail
Desired due date	Example	Date/time due	Request	Reply
Destination	Synonym	Routing destination	Request	Shipping and packing
Dewey Decimal Classification (DDC)	Example	Classification	Resource	Additional data retrieval element
Diagnostic code			Transaction	Transaction
Diagnostic information	Synonym	Error condition	Transaction	Transaction
Diagnostics	Synonym	Error condition	Transaction	Transaction
Dictionary	Example	Form of contents	Resource	Bibliographic description
Different binding	Example	Substitute option	Request	Detail
Different edition	Example	Substitute option	Request	Detail
Digital copy	Example	Available for	Holdings	Availability
Digital Object Identifier (DOI)	Example	Resource identifier code	Resource	Identifier
Digitization fee	Example	Fee type	Finance	Cost
Directory	Example	Form of contents	Resource	Bibliographic description
Discount			Finance	Cost
Diskette format	Example	Form (technical specifications)	Resource	Bibliographic description
Display constraints			Search	Request
Display format	Synonym	Output format	Search	Request
Display term			Search	Scan
Disposal policy	Synonym	Retention policy	Resource	Collection
Dissertation	Example	Form of contents	Resource	Bibliographic description

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Dissertation level			Resource	Bibliographic description
Dissertation thesis information			Resource	Bibliographic description
District			Address	Physical address
Do not back order	Example	Back order code	Request	Detail
Do not ship before date and time			Request	Detail
Document date/time	Synonym	Date/time of transaction	Transaction	Transaction
Document type	Synonym	Form of contents	Resource	Bibliographic description
		Form (technical specifications)	Resource	Bibliographic description
DOI (Digital Object Identifier)	Example	Resource identifier code	Resource	Identifier
Dublin core	Example	Record schema	Database record	Attributes
Due date	Synonym	Date/time due	Request	Reply
Duplicate test flag			Database record	Change data
Earlier form	Example	Link type	Database record	Attributes
Earliest date needed	Synonym	Do not ship before date and time	Request	Detail
Earliest date stamp			Search	Database information
Earliest despatch date	Synonym	Date/time resource available	Request	Reply
Echoed search retrieve request	Example	Additional transaction information	Transaction	Transaction
e-delivery description			Address	Electronic address
e-delivery details			Address	Electronic address
e-delivery service			Address	Electronic address
Edit/replace qualifier	Example	Update action qualifier	Database record	Change data
Edit/replace schema	Example	Record schema	Database record	Attributes
Edit/replace type			Database record	Change data
Edition			Resource	Bibliographic description
Edition of classification scheme			Resource	Additional data retrieval element
Edition statement	Synonym	Edition	Resource	Bibliographic description

Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Editor	Example	Other contributor	Resource	Bibliographic description
Educational institution price	Example	Price qualifier	Finance	Cost
Electronic access restrictions			Holdings	Availability
Electronic address	Synonym	Electronic mail identifier	Address	Electronic address
			Address	Electronic address
Electronic address data	Synonym	Electronic address	Address	Electronic address
Electronic address type			Address	Electronic address
Electronic data format type	Synonym	Form (technical specifications)	Resource	Bibliographic description
Electronic delivery service			Address	Electronic address
Electronic delivery time			Address	Electronic address
Electronic locator			Holdings	Copy identification
Electronic mail identifier			Address	Electronic address
Electronic resource	Synonym	Form (technical specifications)	Resource	Bibliographic description
Electronic resource metadata record	Example	Record type	Database record	Attributes
Electronic resource provided flag			Request	Supply
Element set name	Example	Record composition	Search	Request
Element update	Example	Update action	Database record	Change data
Email address	Example	Electronic address	Address	Electronic address
Enclosed	Example	Invoice location	Request	Supply
Encyclopaedia	Example	Form of contents	Resource	Bibliographic description
Entries	Synonym	Index entry	Search	Database information
Enumeration			Resource	Component
Enumeration and chronology			Resource	Component
Enumeration caption			Resource	Component
Enumeration level			Resource	Component
Enumeration value	Synonym	Enumeration	Resource	Component

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Equal	Example	Link hierarchical relationship	Database record	Attributes
Error condition			Transaction	Transaction
Error on invoice	Example	Credit justification	Finance	Credit
Error report	Synonym	Error condition	Transaction	Transaction
Established heading			Database record	Authority record
Estimate	Example	Transaction results	Request	Reply
Estimated date available	Synonym	Date/time resource available	Request	Reply
Exceptional record size	Example	Preferred message size	Search	Request
Exchange	Example	Acquisitions type	Request	Detail
Expected ship date	Synonym	Date/time resource available	Request	Reply
Expected terms	Synonym	Discount	Finance	Cost
Expiry date	Synonym	Date/time reservation expires	Request	Reservation and booking
Expiry date and time			Transaction	Transaction
Expiry flag			Request	Detail
Export	Example	Task package type	Transaction	Task
Export invocation	Example	Task package type	Transaction	Task
Express	Example	Transportation mode	Request	Supply
Extended price			Finance	Cost
Extensible Markup Language (XML)	Example	Record syntax	Database record	Attributes
Extent of deletion			Search	Result set
Extra request data	Example	Additional transaction information	Transaction	Transaction
Extra response data	Example	Additional transaction information	Transaction	Transaction
Extra term information	Example	Free text note	Database record	Description
Family member	Example	Party relation type	Party	Record relation
Family name	Example	Heading type	Database record	Authority record
Fee amount	Synonym	Amount	Finance	Cost

Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Fee paid	Example	Date/time of user's last activity	Party — Person	Personal status
Fee reason	Synonym	Fee type	Finance	Cost
Fee type			Finance	Cost
Fee unit			Finance	Cost
Fees outstanding			Party — Person	Personal status
Field			Database record	Record field
Field attributes			Database record	Record field
Field delete	Example	Edit/replace type	Database record	Change data
Field description			Database record	Record field
Field identifier	Synonym	Field tag	Database record	Record field
Field indicator			Database record	Record field
Field insert	Example	Edit/replace type	Database record	Change data
Field label	Synonym	Field tag	Database record	Record field
Field replace	Example	Edit/replace type	Database record	Change data
Field sequence number			Database record	Record field
Field tag			Database record	Record field
Film gauge	Example	Form (technical specifications)	Resource	Bibliographic description
Financial account balance			Finance	Account
Financial action type			Finance	Account
Financial transaction identifier			Finance	Account
Firm price	Example	Price qualifier	Finance	Cost
First in field	Example	Positional attribute	Search	Query
Fiscal action type	Synonym	Financial action type	Finance	Account
Fiscal transaction description	Synonym	Monetary information	Finance	
Fiscal transaction information	Synonym	Monetary information	Finance	

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Fiscal transaction information: valid from date	Synonym	Date/time financial transaction validity commences	Finance	Account
Fiscal transaction information: valid to date	Synonym	Date/time financial transaction validity ends	Finance	Account
Fiscal transaction reference id	Synonym	Financial transaction identifier	Finance	Account
Fiscal transaction type	Synonym	Fee type	Finance	Cost
Form of contents			Resource	Bibliographic description
Form of item	Synonym	Form (technical specifications)	Resource	Bibliographic description
Form (technical specifications)			Resource	Bibliographic description
Format of item (technical specifications)	Synonym	Form (technical specifications)	Resource	Bibliographic description
Free on board (FOB)			Request	Supply
Free text instruction	Synonym	Additional transaction information	Transaction	Transaction
Free text note			Database record	Description
Free text note code			Database record	Description
Free text note content	Synonym	Free text note code	Database record	Description
Frequency			Resource	Bibliographic description
From	Synonym	Last search execution date and time	Search	SDI
From agency authentication	Example	Authentication data	Transaction	Authentication
From agency id	Example	Transaction participant	Party	
From system authentication	Example	Authentication data	Transaction	Authentication
From system id	Example	Transaction participant	Party	
Function	Synonym	Command specification	Search	Request
Fund detail	Broader than	Account identifier	Finance	Account
Fund identifier	Synonym	Account identifier	Finance	Account
General Record Syntax (GRS-1)	Example	Record syntax	Database record	Attributes
Geographic area code	Example	Subject retrieval code	Resource	Additional data retrieval element

Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
GILS (Global Information Locator Service)	Example	Record schema	Database record	Attributes
Given name			Party — Person	Personal name
Global diagnostics	Synonym	Error condition	Transaction	Transaction
Global Information Locator Service (GILS)	Example	Record schema	Database record	Attributes
Goods and Services Tax (GST)	Example	Tax identifier	Finance	Cost
Granularity	Synonym	Time stamp granularity	Search	Database information
GRS-1 (General Record Syntax)	Example	Record syntax	Database record	Attributes
GST (Goods and Services Tax)	Example	Tax identifier	Finance	Cost
Hardware profile			Search	Request
Heading type			Database record	Authority record
Held medium type	Synonym	Form (technical specifications)	Resource	Bibliographic description
Higher to lower	Example	Link hierarchical relationship	Database record	Attributes
Historical period code	Example	Subject retrieval code	Resource	Additional data retrieval element
Hit constraint			Search	Response
Hold for pickup	Example	Transportation mode	Request	Supply
Hold pickup date	Synonym	Date/time of reservation collection	Request	Reservation and booking
Hold placed	Example	Transaction results	Request	Reply
Hold placed results	Synonym	Reservation made	Request	Reply
Hold queue length	Synonym	Reservation queue length	Request	Reservation and booking
Hold queue position	Synonym	Reservation queue position	Request	Reservation and booking
Holding simple			Holdings	Holding
Holding structured			Holdings	Holding
Holdings			Holdings	
Holdings (copies) record	Example	Record type	Database record	Attributes
Holdings encoding level			Database record	Copy information
Home address	Example	Address label	Address	Address

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
House bound service	Example	User group	Party	Privileges
House name	Synonym	Building	Address	Physical address
HTML (Hypertext Markup Language)	Example	Record syntax	Database record	Attributes
Hypertext Markup Language (HTML)	Example	Record syntax	Database record	Attributes
Id/authentication	Synonym	System identifier	Transaction	System
Identifier	Synonym	Record identifier	Database record	Identifier
Identifier type	Synonym	Type of identity document	Party — Person	Identity document
Identity document			Party — Person	Identity document
Identity document number			Party — Person	Identity document
ILL (Inter-library loan)	Example	Acquisitions type	Request	Detail
ILL request type			Request	Detail
ILL service type	Synonym	Acquisitions type	Request	Detail
Illustrator	Example	Other contributor	Resource	Bibliographic description
Image	Example	Authentication data format type	Transaction	Authentication
Implementation id	Example	System identifier	Transaction	System
Implementation name	Example	System identifier	Transaction	System
Implementation version	Part of	System identifier	Transaction	System
In library use only	Example	Availability policy	Holdings	Availability
In print status	Example	Resource supply factors	Resource	Bibliographic information
In process	Example	Reason unfilled	Request	Reply
		Retry results	Request	Reply
In use	Example	Reason unfilled	Request	Reply
		Retry results	Request	Reply
Inappropriate authentication	Example	Security violation	Transaction	Authentication
Incomplete	Example	Completeness	Resource	Collection
Increment	Synonym	Fee unit	Finance	Cost

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Indeterminate loan period flag	Example	Availability policy	Holdings	Availability
Index	Example	Form of contents	Resource	Bibliographic description
		Unit type	Resource	Component
Index display code			Search	Response
Index entry			Search	Database information
Index identifier			Search	Database information
Index name	Synonym	Index identifier	Search	Database information
Information service provider (ISP)			Search	Database information
Initial requester id	Example	Party identifier	Party	Identification
Initialization status			Transaction	Session
Initials			Party — Person	Personal name
Initiator of most recent service	Example	Transaction participant	Party	
Input result set	Example	Result set identifier	Search	Result set
Institution	Example	Party identifier	Party	Identification
Institution identification	Example	Party identifier	Party	Identification
Institution identifier	Example	Party identifier	Party	Identification
Institution identifier code	Example	Party identifier	Party	Identification
Institution name	Synonym	Name of institution	Party — Group	Name
Institution role	Synonym	Participant's function	Party	Attributes
Institution section	Synonym	Subordinate unit of institution name	Party — Group	Name
Instruction code	Synonym	Additional transaction information	Transaction	Transaction
Instruction override			Transaction	Transaction
Instructions	Synonym	Free text note code	Database record	Description
Insufficient access rights	Example	Security violation	Transaction	Authentication
Insurance charge	Example	Fee type	Finance	Cost
Insurance charges	Example	Fee type	Finance	Cost

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Insured for	Example	Fee type	Finance	Cost
Integrating resource	Example	Bibliographic level	Resource	Bibliographic information
Inter-library loan (ILL)	Example	Acquisitions type	Request	Detail
Interim	Example	Result set status	Search	Result set
Interloan function	Synonym	Participant's function	Party	Attributes
Interloan officer	Example	Participant's function	Party	Attributes
Intermediary	Example	Participant's function	Party	Attributes
Intermediary id	Example	Transaction participant	Party	
Internal courier	Example	Delivery service	Address	Physical address
Internal item identification	Synonym	Piece identifier	Holdings	Copy identification
International Standard Book Number (ISBN) (ISO 2108)	Example	Resource identifier code	Resource	Identifier
International Standard Identifier for Libraries and Related Organizations (ISIL) (ISO 15511)	Example	Party identifier	Party	Identification
International Standard Music Number (ISMN) (ISO 10957)	Example	Resource identifier code	Resource	Identifier
International standard number	Example	Resource identifier	Resource	Identifier
International standard numbering code	Example	Resource identifier code	Resource	Identifier
International standard numbering code name	Example	Resource identifier code	Resource	Identifier
International Standard Recording Code (ISRC) (ISO 3901)	Example	Resource identifier code	Resource	Identifier
International Standard Serial Number (ISSN) (ISO 3297)	Example	Resource identifier code	Resource	Identifier
International Standard Text Code (ISTC) (ISO 21047)	Example	Resource identifier code	Resource	Identifier
Internet Protocol (IP) address	Example	Electronic address	Address	Electronic address
Internet Protocol (IP) address range	Example	Authentication input type	Transaction	Authentication

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Invalid credentials	Example	Security violation	Transaction	Authentication
Invalid signature	Example	Security violation	Transaction	Authentication
Invoice address	Example	Address role	Address	Address
Invoice charges	Example	Fee type	Finance	Cost
Invoice cleared	Example	Invoice status	Finance	Invoice
Invoice copies			Finance	Invoice
Invoice date and time			Finance	Invoice
Invoice enquiries	Example	Contact person	Address	Address
Invoice identifier			Finance	Invoice
Invoice location			Request	Supply
Invoice not received	Example	Reason for claim	Request	Claim
Invoice number on cheque stub	Example	Payment enclosures	Finance	Payment
Invoice paid	Example	Invoice status	Finance	Invoice
Invoice status			Finance	Invoice
Invoice total			Finance	Invoice
Invoicing instructions			Request	Detail
IP address (Internet Protocol)	Example	Electronic address	Address	Electronic address
IP address range (Internet Protocol)	Example	Authentication input type	Transaction	Authentication
Irregularly	Example	Frequency	Resource	Bibliographic description
ISBN (ISO 2108) (International Standard Book Number)	Example	Resource identifier code	Resource	Identifier
ISIL (ISO 15511) (International Standard Identifier for Libraries and Related Organizations)	Example	Party identifier	Party	Identification
ISMN (ISO 10957) (International Standard Music Number)	Example	Resource identifier code	Resource	Identifier

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
ISO 9 (Transliteration of Cyrillic characters into Latin characters)	Example	Record transliteration scheme	Database record	Attributes
ISO 233 (Transliteration of Arabic characters into Latin characters)	Example	Record transliteration scheme	Database record	Attributes
ISO 259 (Transliteration of Hebrew characters into Latin characters)	Example	Record transliteration scheme	Database record	Attributes
ISO 843 (Conversion of Greek characters into Latin characters)	Example	Record transliteration scheme	Database record	Attributes
ISO 2108 (ISBN) (International Standard Book Number)	Example	Resource identifier code	Resource	Identifier
ISO 2709 (MARC) (Machine Readable Cataloguing)	Example	Record syntax	Database record	Attributes
ISO 3297 (ISSN) (Internation Standard Serial Number)	Example	Resource identifier code	Resource	Identifier
ISO 3602 [Romanization of Japanese (kana script)]	Example	Record transliteration scheme	Database record	Attributes
ISO 3901 (ISRC) (International Standard Recording Code)	Example	Resource identifier code	Resource	Identifier
ISO 7098 (Romanization of Chinese)	Example	Record transliteration scheme	Database record	Attributes
ISO 8777 (Common Command)	Example	Query type	Search	Query
ISO 10957 (ISMN) (International Standard Music Number)	Example	Resource identifier code	Resource	Identifier
ISO 15511 (ISIL) (International Standard Identifier for Libraries and Related Organizations)	Example	Party identifier	Party	Identification
ISO 21047 (ISTC) (International Standard Text Code)	Example	Resource identifier code	Resource	Identifier
ISP (Information service provider)			Search	Database information
ISRC (ISO 3901) (International Standard Recording Code)	Example	Resource identifier code	Resource	Identifier

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
ISSN (ISO 3297) (International Standard Serial Number)	Example	Resource identifier code	Resource	Identifier
Issue	Example	Enumeration	Resource	Component
Issue date time	Synonym	Date/time of transaction	Transaction	Transaction
Issue identification			Resource	Bibliographic description
Issue identifier			Resource	Identifier
ISTC (ISO 21047) (International Standard Text Code)	Example	Resource identifier code	Resource	Identifier
Item available in system	Synonym	Resource available in system	Request	Detail
Item charge	Example	Fee type	Finance	Cost
Item description	Synonym	Bibliographic description	Resource	Bibliographic information
Item description	Synonym	Piece identifier	Holding	Identification
		Copy information	Holdings	Copy information
Item description level	Synonym	Copy description level	Holdings	Copy information
Item element type	Synonym	Record retrieval elements	Database record	Attributes
Item history information	Synonym	Copy history information	Holdings	Copy history
Item id	Synonym	Piece identifier	Holdings	Copy identification
Item identification	Synonym	Piece identifier	Holdings	Copy identification
Item identification instruction	Synonym	Resource identification instruction	Request	Detail
Item identification number	Synonym	Piece identifier	Holdings	Copy identification
Item identifier value	Synonym	Piece identifier	Holdings	Copy identification
Item information	Synonym	Bibliographic description	Resource	Bibliographic information
Item number	Synonym	Order line number	Request	Detail
Item number check digit algorithm	Synonym	Check digit algorithm	Database record	Identifier
Item order	Example	Task package type	Transaction	Task
Item reported lost	Example	Circulation status	Holdings	Availability

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Item reported missing	Example	Circulation status	Holdings	Availability
Item reported never borrowed	Example	Circulation status	Holdings	Availability
Item reported returned	Example	Circulation status	Holdings	Availability
Item use restriction type	Synonym	Availability policy	Holdings	Availability
Item use restriction type	Synonym	Conditions of use	Request	Reply
Joint Experts Photographic Group (JPEG)	Example	Form (technical specifications)	Resource	Bibliographic description
JPEG (Joint Experts Photographic Group)	Example	Form (technical specifications)	Resource	Bibliographic description
Key title	Example	Title	Resource	Bibliographic description
Keyword			Resource	Additional data retrieval element
Label	Synonym	Set label	Holdings	Copy identification
Lacks copyright compliance	Example	Retry results	Request	Reply
Language	Synonym	Language of resource	Resource	Bibliographic description
			Party — Person	Personal information
Language of cataloguing			Database record	Attributes
Language of dialogue			Transaction	Session
Language of resource			Resource	Bibliographic description
Large set lower bound			Search	Request
Last activity type			Holdings	Copy history
Last borrower	Example	Borrower relationship to copy	Holdings	Copy history
Last loan	Example	Date/time of user's last activity	Party — Person	Personal status
Last SDI (Selective Dissemination of Information) search execution date	Synonym	Last search execution date and time	Search	SDI
Last search execution date and time			Search	SDI
Later form	Example	Link type	Database record	Attributes
Latest update of database			Search	Database information

Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
LCCN (Library of Congress control number)	Example	Record identifier code	Database record	Identifier
Lending policy	Synonym	Availability policy	Holdings	Availability
Level	Synonym	Dissertation level	Resource	Bibliographic description
Level 1 (item not examined)	Example	Bibliographic encoding level	Resource	Bibliographic information
Level 2 [pre-publication (CIP)]	Example	Bibliographic encoding level	Resource	Bibliographic information
Level 3 (less than complete)	Example	Bibliographic encoding level	Resource	Bibliographic information
Level 4	Example	Location within building	Address	Physical address
Level of normalization for collation			Search	Query
Level of service	Example	Service profile	Transaction	Session
Library binding	Example	Binding type	Holdings	Copy information
Library code or symbol	Example	Party identifier	Party	Identification
Library name	Synonym	Name of institution	Party — Group	Name
Library of Congress classification	Example	Classification	Resource	Additional data retrieval element
Library of Congress control number (LCCN)	Example	Record identifier code	Database record	Identifier
Library price	Example	Price qualifier	Finance	Cost
Line 1	Example	Address line	Address	Physical address
Line 2	Example	Address line	Address	Physical address
Link hierarchical relationship			Database record	Attributes
Link type			Database record	Attributes
List price			Finance	Cost
Loan	Example	Acquisitions type	Request	Detail
		Available for	Holdings	Availability
Loan authorization			Request	Authorization
Loan availability	Synonym	Availability policy	Holdings	Availability

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Loan charge	Example	Fee type	Finance	Cost
Loan or rental fee	Example	Fee type	Finance	Cost
Loan period			Request	Supply
Loaned item count value	Synonym	Borrowed copies count	Party	Attributes
Local call number	Synonym	Copy shelf locator	Holdings	Copy identification
Local disk	Example	Output medium	Search	Request
Local request number	Example	Request identifier	Request	Identifier
Locality	Synonym	District	Address	Physical address
Location	Broader than	Current location	Holdings	Copy information
		Permanent location	Holdings	Copy identification
Location type	Broader than	Current location	Holdings	Copy information
		Permanent location	Holdings	Copy identification
		Temporary location	Holdings	Copy identification
Location within building			Address	Physical address
Location: valid from date	Synonym	Date/time of last transfer	Holdings	Copy history
Location: valid to date	Example	Date/time due	Request	Reply
Locations count			Resource	Collection
Locations only	Example	Holdings encoding level	Database record	Copy information
Locations plus general extent information	Example	Holdings encoding level	Database record	Copy information
Locations plus summary extent of holdings	Example	Holdings encoding level	Database record	Copy information
Locations provided	Example	Transaction results	Request	Reply
Locations results	Synonym	Possible locations	Request	Locations
Lock description	Synonym	Record lock description	Database record	Change data
Lock expiry	Synonym	Date/time record lock expires	Database record	Change data
Lock record	Example	Set lock flag	Database record	Change data
Lock set	Synonym	Record lock set	Database record	Change data

Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Lost	Example	Reason unfilled	Request	Reply
Lower to higher	Example	Link hierarchical relationship	Database record	Attributes
MAB (Maschinelle Austauschformat für Bibliotheken)	Example	Record syntax	Database record	Attributes
Machine Readable Cataloguing (MARC) (ISO 2709)	Example	Record syntax	Database record	Attributes
Magnetic tape	Example	Output medium	Search	Request
Maiden name	Example	Type of alternative information	Party — Person	Personal information
Mailed under separate cover	Example	Invoice location	Request	Supply
Main unit of institution name			Party — Group	Name
Managing director	Example	Title in organization	Party — Person	Organization information
Mandated action			Request	Detail
MARC (ISO 2709) (Machine Readable Cataloguing)	Example	Record syntax	Database record	Attributes
Maschinelle Austauschformat für Bibliotheken (MAB)	Example	Record syntax	Database record	Attributes
Masking symbol			Search	Query
Maximum cost			Finance	Cost
Maximum record size			Search	Request
Maximum records	Synonym	Number of records or terms requested	Search	Request
Maximum segment count			Search	Request
Maximum segment size			Search	Request
Maximum terms	Synonym	Number of records or terms requested	Search	Request
May not be photocopied	Example	Conditions of use	Request	Reply
Medium set element set names	Example	Record composition	Search	Request
Medium set present number			Search	Request
Medium type	Synonym	Form (technical specifications)	Resource	Bibliographic description

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Membership	Example	Acquisitions type	Request	Detail
Memory	Example	Resource usage type	Transaction	Session
Merge qualifier	Example	Update action qualifier	Database record	Change data
Message	Example	Additional transaction information	Transaction	Transaction
Message identification			Transaction	Transaction
Message name			Transaction	Transaction
Messaging error	Synonym	Error condition	Transaction	Transaction
Metadata format	Synonym	Record schema	Database record	Attributes
Metadata prefix	Loose relation	Record schema	Database record	Attributes
Metadata record	Example	Record	Database record	
Microcomputer software version	Example	Form (technical specifications)	Resource	Bibliographic description
Microform negative	Example	Type of reproduction	Request	Detail
Microform positive	Example	Type of reproduction	Request	Detail
Military service and rank	Example	Other information related to an identity document	Party — Person	Identity document
		User group	Party	Privileges
Minor flag			Party — Person	Personal information
Miscellaneous user note	Synonym	Additional descriptive personal information	Party — Person	Personal information
Missing value	Example	Sort option	Search	Request
Mode of payment			Finance	Payment
Monetary amount	Synonym	Amount	Finance	Cost
Monetary information			Finance	
Monetary value	Synonym	Amount	Finance	Cost
Monograph	Example	Bibliographic level	Resource	Bibliographic information
Monthly	Example	Frequency	Resource	Bibliographic description
Motion Picture Experts Group (MPEG)	Example	Form (technical specifications)	Resource	Bibliographic description

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
MPEG (Motion Picture Experts Group)	Example	Form (technical specifications)	Resource	Bibliographic description
Multi-item indicator			Request	Detail
Multimedia	Example	Record content type	Resource	Bibliographic description
Music score	Example	Record content type	Resource	Bibliographic description
Name/collective uniform title	Example	Heading type	Database record	Authority record
Name/title	Example	Heading type	Database record	Authority record
Name information	Synonym	Personal name	Party — Person	Personal name
Name of institution			Party — Group	Name
Name of person or institution	Broader than	Name of institution	Party — Group	Name
Name or code	Synonym	Electronic delivery service	Address	Electronic address
Narrower form	Example	Link type	Database record	Attributes
National bibliographic authority	Example	Resource identifier code	Resource	Identifier
National bibliographic number	Example	Resource identifier	Resource	Identifier
National mail service	Example	Delivery service	Address	Physical address
Need before date	Synonym	Date/time reservation expires	Request	Reservation and booking
		Respond within	Request	Detail
Net cataloguing service price	Example	Fee type	Finance	Cost
Net price			Finance	Cost
Never published	Example	Response to claim	Request	Claim
New value	Synonym	Change data new value	Database record	Change data
Next record position	Synonym	Next result set position	Search	Response
Next result set position			Search	Response
Next SDI (Selective Dissemination of Information) execution date	Synonym	Next search execution date and time	Search	SDI
Next search execution date and time			Search	SDI
No action	Example	Not to exceed action	Finance	Cost

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
No enclosure	Example	Payment enclosures	Finance	Payment
No online access	Example	Electronic access restrictions	Holdings	Availability
No restriction	Example	Conditions of use	Request	Reply
Non-circulating	Example	Reason unfilled	Request	Reply
Non-descriptive bibliographic element			Resource	Bibliographic information
Non-duplicate record id	Loose relation	Duplicate test flag	Database record	Change data
Non returnable flag	Example	Availability policy	Holdings	Availability
Non sort begin			Database record	Record field
Non sort end			Database record	Record field
Not a duplicate	Example	Duplicate test flag	Database record	Change data
Not available	Example	Circulation status	Holdings	Availability
Not CIP (cataloguing in publication)	Example	Bibliographic encoding level	Resource	Bibliographic information
Not currently received (serial)	Example	Request status	Request	Supply
Not for loan	Example	Availability policy	Holdings	Availability
Not found as cited	Example	Retry results	Request	Reply
Not identified as cited	Example	Response to claim	Request	Claim
Not on shelf	Example	Reason unfilled	Request	Reply
Not owned	Example	Reason unfilled	Request	Reply
Not retained	Example	Retention policy	Resource	Collection
Not to exceed action			Finance	Cost
Not to exceed amount	Synonym	Maximum cost	Finance	Cost
Not yet published	Example	Reason unfilled	Request	Reply
Note	Example	Additional transaction information	Transaction	Transaction
	Synonym	Free text note	Database record	Description
Notes	Synonym	Additional transaction information	Transaction	Transaction
Notes/remarks	Synonym	Additional transaction information	Transaction	Transaction

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Notice	Synonym	Notice type	Request	Claim
Notice content			Request	Claim
Notice of non receipt	Synonym	Notice of non-receipt responsibility	Request	Detail
Notice of non-receipt responsibility			Request	Detail
Notice type			Request	Claim
Notification note	Example	Additional transaction information	Transaction	Transaction
Number not deleted			Search	Result set
Number of cartons			Request	Supply
Number of copies requested			Request	Detail
Number of disk accesses	Example	Resource usage type	Transaction	Session
Number of items cancelled			Request	Cancellation
Number of items delivered to date			Request	Supply
Number of items outstanding			Request	Status
Number of lines	Synonym	Total titles	Request	Supply
Number of packages	Synonym	Number of cartons	Request	Supply
Number of records	Synonym	Posting	Search	Response
		Records returned or sent	Search	Response
		Result set size	Search	Result set
Number of records or terms requested			Search	Request
Number of records requested	Synonym	Number of records or terms requested	Search	Request
Number of records returned	Synonym	Records returned or sent	Search	Response
Number of sessions	Example	Resource usage type	Transaction	Session
Number of system malfunctions	Example	System performance	Transaction	Session
Number of tapes	Example	Resource usage type	Transaction	Session

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Number of telecommunication interruptions	Example	System performance	Transaction	Session
Number of units	Synonym	Total copies count	Resource	Collection
Number of volumes			Resource	Bibliographic description
Numeric qualifier			Party — Person	Personal name
Official seal of institution			Party — Group	Name
Old value	Synonym	Change data old value	Database record	Change data
Old value truncation attribute	Example	Data truncation attribute	Search	Query
On behalf of agency	Example	Transaction participant	Party	
On hold	Example	Retry results	Request	Reply
On loan	Example	Retry results	Request	Reply
On order	Example	Request status	Request	Supply
		Retry results	Request	Reply
On order count			Resource	Collection
Online access	Example	Available for	Holdings	Availability
Op id	Synonym	Message identification	Transaction	Transaction
Op id	Synonym	Transaction identifier	Transaction	Transaction
OpenURL	Example	Reference to resource	Resource	Identifier
OpenURL referent	Example	Participant's function	Party	Attributes
OpenURL referrer	Example	Participant's function	Party	Attributes
OpenURL requester	Example	Participant's function	Party	Attributes
Operand	Synonym	Boolean operator	Search	Query
Operation	Synonym	Message name	Transaction	Transaction
Operation confirmation			Transaction	Transaction
Operation diagnostics	Example	Error condition	Transaction	Transaction
Operation status	Synonym	Task status	Transaction	Task

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Options	Synonym	Protocol options	Transaction	Session
Order cancelled	Example	Reason for return	Request	Cancellation
Order currency	Synonym	Currency code	Finance	Cost
Order duplicated	Example	Reason for return	Request	Cancellation
Order fill terms	Synonym	Back order code	Request	Detail
Order line number			Request	Detail
Order line status	Synonym	Request status	Request	Supply
Order notes	Example	Additional transaction information	Transaction	Transaction
Order number	Synonym	Request identifier	Request	Identifier
Order priority code	Synonym	Acquisitions priority	Request	Detail
Order status	Synonym	Request status	Request	Supply
Order time	Loose relation	Date/time resource available	Request	Reply
Order type code	Synonym	Acquisitions type	Request	Detail
Organizational information			Party — Person	Organization information
Organization name information	Synonym	Name of institution	Party — Group	Name
Originator	Example	Participant's function	Party	Attributes
Originator's signature	Example	Signature	Party — Person	Identification
Other contributor			Resource	Bibliographic description
Other information	Example	Additional transaction information	Transaction	Transaction
Other information related to an identity document			Party — Person	Identity document
Out of print	Example	Reason unfilled	Request	Reply
		Response to claim	Request	Claim
Output format			Search	Request
Output medium			Search	Request
Outside of package	Example	Invoice location	Request	Supply

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Overdue	Example	Notice type	Request	Claim
Overdue fine	Example	Fee type	Finance	Cost
Overdue loan	Example	Reason for claim	Request	Claim
Overdue notice number	Synonym	Claim number	Request	Claim
Overdue supply	Example	Reason for claim	Request	Claim
Overdue charges are waived temporarily	Example	Privilege note	Party	Privileges
Overnight only	Example	Availability policy	Holdings	Availability
Override not possible	Example	Instruction override	Transaction	Transaction
Override possible	Example	Instruction override	Transaction	Transaction
Override possible with password	Example	Instruction override	Transaction	Transaction
Override possible with security clearance	Example	Instruction override	Transaction	Transaction
Overstock	Example	Reason for return	Request	Cancellation
Owner of rights			Resource	Rights management
Package name	Synonym	Task package identifier	Transaction	Task
Package type	Synonym	Task package type	Transaction	Task
Packets transmitted	Example	Resource usage type	Transaction	Session
Pagination			Resource	Bibliographic description
Paper	Example	Output medium	Search	Request
Paperback	Example	Binding type	Holdings	Copy information
Parallel title	Example	Title	Resource	Bibliographic description
Parcel post	Example	Transportation mode	Request	Supply
Parent	Example	Party relation type	Party	Record relation
Parent institution	Example	Party relation type	Party	Record relation
Parents' address	Example	Address label	Address	Address
Part detail			Resource	Identifier
Partial results available	Example	Search status	Search	Response

Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Participant type			Party	Attributes
Participant's function			Party	Attributes
Partitioned	Example	ILL request type	Request	Detail
Partner	Example	Party relation type	Party	Record relation
Party	Synonym	Transaction participant	Party	
Party id	Synonym	Party identifier	Party	Identification
Party identifier			Party	Identification
Party name	Synonym	Name of institution	Party — Group	Name
Party relation			Party	Record relation
Party relation type			Party	Record relation
Party status note			Party — Person	Personal status
Party type	Synonym	Participant type	Party	Attributes
Password	Synonym	Authentication data	Transaction	Authentication
Password edition			Transaction	Authentication
Password type	Synonym	Authentication input type	Transaction	Authentication
Patent	Example	Form of contents	Resource	Bibliographic description
Path	Synonym	Record composition	Search	Request
Payment authorization			Finance	Payment
Payment date and time			Finance	Payment
Payment enclosures			Finance	Payment
Payment method	Synonym	Mode of payment	Finance	Payment
Payment method type	Synonym	Mode of payment	Finance	Payment
Payment provided	Synonym	Payment enclosures	Finance	Payment
Payment terms	Synonym	Terms of payment	Finance	Payment
PDF (Portable Document Format)	Example	Form (technical specifications)	Resource	Bibliographic description

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Pending	Example	Circulation status	Holdings	Availability
		Task status	Transaction	Task
Percentage of downtime	Example	System performance	Transaction	Session
Periodic query schedule	Example	Task package type	Transaction	Task
Permanent location			Holdings	Copy identification
Permanent Universal Resource Locator (PURL)	Example	Resource identifier code	Resource	Identifier
Permanently retained	Example	Retention policy	Resource	Collection
Permission to chain			Request	Third party information
Permission to change send to list			Request	Third party information
Permission to forward			Request	Third party Information
Permission to partition			Request	Third party information
Permission to use this record			Database record	Attributes
Permissions	Synonym	Task package permission	Transaction	Task
Persistent query	Example	Task package type	Transaction	Task
Persistent result set	Example	Task package type	Transaction	Task
Persistent result set package name	Synonym	Result set identifier	Search	Result set
Person or institution symbol	Example	Party identifier	Party	Identification
Personal/corporate responsibility flag	Synonym	Party relation	Party	Record relation
Personal Identification Number (PIN)	Example	Authentication input type	Transaction	Authentication
Personal name	Example	Heading type	Database record	Authority record
			Party — Person	Personal name
Personal name information	Synonym	Personal name	Party — Person	Personal name
Personal name unstructured			Party — Person	Personal name
Personal relationship to user	Synonym	Party relation type	Party	Record relation
Person's activity			Party — Person	Organization information

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Person's affiliation			Party — Person	Identification
Ph.D. in physics	Example	Person's activity	Party — Person	Organization information
Photocopy negative	Example	Type of reproduction	Request	Detail
Photocopy positive	Example	Type of reproduction	Request	Detail
Phrase	Example	Term structure attribute	Search	Query
Physical address			Address	Physical address
Physical address type			Address	Physical address
Physical condition			Holdings	Copy information
Physical condition details	Example	Physical condition	Holdings	Copy information
Physical condition type	Example	Physical condition	Holdings	Copy information
Physical copy	Example	Available for	Holdings	Availability
Physical delivery	Synonym	Transportation mode	Request	Supply
Pickup date	Synonym	Date/time of reservation collection	Request	Reservation and booking
Pickup expiry date	Synonym	Date/time reservation expires	Request	Reservation and booking
Piece identifier			Holdings	Copy identification
PIN (Personal Identification Number)	Example	Authentication input type	Transaction	Authentication
Place of publication			Resource	Bibliographic description
Place on hold	Synonym	Place reservation	Request	Detail
Place reservation			Request	Detail
Policy	Synonym	Availability policy	Holdings	Availability
Portable Document Format (PDF)	Example	Form (technical specifications)	Resource	Bibliographic description
Position attribute	Synonym	Positional attribute	Search	Query
Position in response			Search	Scan
Positional attribute			Search	Query
Possible locations			Request	Locations
Possible locations — Already-tried list			Request	Locations

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Possible suppliers	Synonym	Possible locations	Request	Locations
Possibly available	Example	Circulation status	Holdings	Availability
Post office box			Address	Physical address
Post office box address	Example	Physical address type	Address	Physical address
Postal address	Example	Physical address type	Address	Physical address
Postal code			Address	Physical address
Posting			Search	Response
Predefined message	Example	Additional transaction information	Transaction	Transaction
Preference	Synonym	Preferred supplier	Request	Locations
Preferred contact mode			Party — Person	Personal information
Preferred message size			Search	Request
Preferred record syntax	Synonym	Record syntax	Database record	Attributes
Preferred resource report format	Example	Output format	Search	Request
Preferred supplier			Request	Locations
Prefix			Party — Person	Personal name
Prepaid by vendor	Example	Transportation payment terms (terms added)	Finance	Payment
Prepaid price	Example	Price qualifier	Finance	Cost
Prepayment	Example	Conditions of use	Request	Reply
Prepayment required	Example	Retry results	Request	Reply
Present status			Search	Response
Presentation of identification	Example	Access or use privilege requirement	Party	Privileges
President	Example	Title in organization	Party — Person	Organization information
Preview only	Example	Electronic access restrictions	Holdings	Availability
Price qualifier			Finance	Cost
Price qualifier code	Synonym	Price qualifier	Finance	Cost

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Principal title	Example	Title	Resource	Bibliographic description
Privacy information			Party — Person	Personal information
Privilege note			Party	Privileges
Problem	Synonym	Error condition	Transaction	Transaction
Processing fee	Example	Fee type	Finance	Cost
Product form	Synonym	Record content type	Resource	Bibliographic description
Product identifier	Synonym	Resource identifier	Resource	Identifier
Professor	Example	Title in organization	Party — Person	Organization information
Profile starting date and time			Party — Person	Profile
Profile termination date and time			Party — Person	Profile
Projected and video material	Example	Record content type	Resource	Bibliographic description
Protocol control information			Transaction	Session
Protocol options			Transaction	Session
Protocol version	Synonym	Protocol version indicator	Transaction	Session
Protocol version indicator			Transaction	Session
Protocol version number	Synonym	Protocol version indicator	Transaction	Session
Provider error report	Example	Error condition	Transaction	Transaction
Proximity operator			Search	Query
Proxy for	Example	Party relation type	Party	Record relation
Pseudonym	Example	Link type	Database record	Attributes
Pseudonym or alias	Example	Type of alternative information	Party — Person	Personal information
Publication date	Synonym	Date/time of publication	Resource	Bibliographic information
Publication date of component	Example	Date/time of publication	Resource	Bibliographic information
Publisher			Resource	Bibliographic description
	Example	Rights accorded by	Resource	Rights management
Publisher name	Synonym	Publisher	Resource	Bibliographic description

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Purchase	Example	Acquisitions type	Request	Detail
Purchase authorization			Request	Detail
PURL (Permanent Universal Resource Locator)	Example	Resource identifier code	Resource	Identifier
Quantity ordered	Synonym	Number of copies requested	Request	Detail
Quantity qualifier code	Broader than	Number of items cancelled	Request	Cancellation
		Number of items delivered to date	Request	Supply
		Number of items outstanding	Request	Status
Quarterly	Example	Frequency	Resource	Bibliographic description
Query	Part of	Command specification	Search	Request
Query note			Search	Query
Query type			Search	Query
Ranging operator			Search	Query
Rareness	Example	Resource supply factors	Resource	Bibliographic information
Real name	Example	Link type	Database record	Attributes
Re-application date and time			Request	Reply
Reason for cancel			Request	Cancellation
Reason for claim			Request	Claim
Reason for close			Transaction	Session
Reason for request	Example	Additional transaction information	Transaction	Transaction
Reason for return			Request	Cancellation
Reason for supply			Request	Supply
Reason unfilled			Request	Reply
Reason will supply	Example	Reason unfilled	Request	Reply
Recall	Example	Notice type	Request	Claim
Receiver of rights			Resource	Rights management

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Reciprocal agreement			Finance	Cost
Record			Database record	
Record availability flag			Database record	Attributes
Record available	Example	Record availability flag	Database record	Attributes
Record changed	Example	Reason for supply	Request	Supply
Record character set			Database record	Attributes
Record composition			Search	Request
Record content type			Resource	Bibliographic description
Record data	Synonym	Response record	Search	Response
Record delete	Example	Update action	Database record	Change data
Record id	Synonym	Record identifier	Database record	Identifier
Record identifier			Database record	Identifier
Record identifier code			Database record	Identifier
Record insert	Example	Update action	Database record	Change data
Record lock description			Database record	Change data
Record lock set			Database record	Change data
Record locked as per request	Example	Record availability flag	Database record	Attributes
Record packing	Synonym	Record syntax	Database record	Attributes
Record replace	Example	Update action	Database record	Change data
Record retrieval elements			Database record	Attributes
Record schema			Database record	Attributes
Record status			Database record	Attributes
Record syntax			Database record	Attributes
Record transliteration scheme			Database record	Attributes
Record type			Database record	Attributes
	Synonym	Reason for supply	Request	Supply

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Record unavailable	Example	Record availability flag	Database record	Attributes
Record wrapper			Database record	
Record XPath	Example	Record composition	Search	Request
Records	Synonym	Response record	Search	Response
Records returned	Synonym	Records returned or sent	Search	Response
Records returned or sent			Search	Response
Reduction ratio of microfilm	Example	Form (technical specifications)	Resource	Bibliographic description
Reference date	Synonym	Date/time ordered	Request	Detail
Reference enquiries	Example	Contact person	Address	Address
Reference id	Synonym	Transaction identifier	Transaction	Transaction
Reference identifier	Synonym	Transaction identifier	Transaction	Transaction
Reference look-up	Example	Available for	Holdings	Availability
Reference look-up fee	Example	Fee type	Finance	Cost
Reference number	Example	Request identifier	Request	Identifier
Reference source	Synonym	Verification source	Request	Verification
Reference to resource			Resource	Identifier
Referent	Example	Participant's function	Party	Attributes
Referral forwarded date and time			Request	Reply
Referrer	Example	Participant's function	Party	Attributes
Region			Address	Physical address
Related form	Example	Link type	Database record	Attributes
Related fiscal transaction reference id	Example	Financial transaction identifier	Finance	Account
Related personal user information			Party — Person	Personal information
Related terms			Search	Query
Relation	Synonym	Link type	Database record	Attributes
		Relational attribute	Search	Query

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Relation attribute	Synonym	Relational attribute	Search	Query
Relation modifiers	Example	Relational attribute	Search	Query
Relational attribute			Search	Query
Remainder price	Example	Price qualifier	Finance	Cost
Remarks	Synonym	Additional transaction information	Transaction	Transaction
Reminder level	Synonym	Claim number	Request	Claim
Renewable	Example	Conditions of use	Request	Reply
Renewal count	Synonym	Renewal number	Request	Loan
Renewal not permitted	Example	Conditions of use	Request	Reply
Renewal number			Request	Loan
Replace indicator			Search	Request
Replacement fee	Example	Fee type	Finance	Cost
Report document number	Example	Resource identifier code	Resource	Identifier
Reported lost	Example	Circulation status	Holdings	Availability
Reported missing	Example	Circulation status	Holdings	Availability
Reported never borrowed	Example	Circulation status	Holdings	Availability
Reported returned	Example	Circulation status	Holdings	Availability
Repository name	Synonym	Database identifier	Search	Database information
Reproduction cost	Example	Fee type	Finance	Cost
Reproduction note	Example	Bibliographic note	Resource	Bibliographic description
Reproduction policy			Request	Supply
Reproduction restrictions	Example	Conditions of use	Request	Reply
Request conditions			Request	Detail
Request for early return of loan	Example	Reason for claim	Request	Claim
Request identifier			Request	Identifier
Request identifier value	Synonym	Request identifier	Request	Identifier

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Request number	Synonym	Request identifier	Request	Identifier
Request scope type	Synonym	Reservation type	Request	Reservation and booking
Request status			Request	Supply
Request status type	Synonym	Request status	Request	Supply
Request transfer message referent	Example	Participant's function	Party	Attributes
Request transfer message referrer	Example	Participant's function	Party	Attributes
Request transfer message requester	Example	Participant's function	Party	Attributes
Request type	Synonym	Acquisitions type	Request	Detail
Requested copies count	Synonym	Requested resources count	Request	Reservation and booking
Requested items count	Synonym	Requested resources count	Request	Reservation and booking
Requested items count value	Synonym	Requested resources count	Request	Reservation and booking
Requested material format	Synonym	Form (technical specifications)	Resource	Bibliographic description
Requested material language	Synonym	Language of resource	Resource	Bibliographic description
Requested resources count			Request	Reservation and booking
Requester	Example	Participant's function	Party	Attributes
		Rights accorded by	Resource	Rights management
Requester id	Example	Transaction participant	Party	
Requester note	Example	Additional transaction information	Transaction	Transaction
Requesting system	Example	System identifier	Transaction	System
Required fee amount	Synonym	Amount	Finance	Cost
Required item use restriction type	Synonym	Conditions of use	Request	Reply
Research associate	Example	Title in organization	Party — Person	Organization information
Reservation advice notice required			Request	Reservation and booking
Reservation and booking information			Request	Reservation and booking
Reservation available for collection	Example	Notice type	Request	Claim
Reservation collection location	Synonym	Service point	Party — Person	Identification

Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Reservation fee	Example	Fee type	Finance	Cost
Reservation made			Request	Reply
Reservation placed	Example	Date/time of user's last activity	Party — Person	Personal status
Reservation policy			Holdings	Availability
Reservation queue length			Request	Reservation and booking
Reservation queue position			Request	Reservation and booking
Reservation status			Request	Reservation and booking
Reservation target location			Request	Reservation and booking
Reservation type			Request	Reservation and booking
Reserve book room	Example	Booking location	Request	Reservation and booking
Reserve reading room	Example	Location within building	Address	Physical address
Resource accessed	Example	Date/time of user's last activity	Party — Person	Personal status
Resource available in system			Request	Detail
Resource coverage			Resource	Bibliographic description
Resource description	Synonym	Bibliographic description	Resource	Bibliographic information
Resource desired	Synonym	Resource desired in response	Request	Detail
Resource desired in response			Request	Detail
Resource identification instruction			Request	Detail
Resource identifier			Resource	Identifier
Resource identifier code			Resource	Identifier
Resource limitation			Transaction	Session
Resource report	Synonym	Amount of usage	Transaction	Session
Resource source			Resource	Bibliographic description
Resource supply factors			Resource	Bibliographic information
Resource type	Synonym	Form of contents	Resource	Bibliographic description
Resource usage type			Transaction	Session

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Respond within			Request	Detail
Responder id	Example	Party identifier	Party	Identification
Responder note	Example	Additional transaction information	Transaction	Transaction
Responder optional messages	Example	Additional transaction information	Transaction	Transaction
Response position	Synonym	Position in response	Search	Scan
Response record			Search	Response
Response records	Synonym	Response record	Search	Response
Response time	Synonym	Respond within	Request	Detail
Response to claim			Request	Claim
Response to online request	Example	Reason for supply	Request	Supply
Response to persistent query	Example	Reason for supply	Request	Supply
Restoration symbol			Search	Query
Restrictions unspecified	Example	Electronic access restrictions	Holdings	Availability
Result count	Synonym	Result set size	Search	Result set
Result set id	Synonym	Result set identifier	Search	Result set
Result set identifier			Search	Result set
Result set idle time	Example	Result set status	Search	Result set
Result set list	Example	Result set identifier	Search	Result set
Result set name	Synonym	Result set identifier	Search	Result set
Result set qualifier			Search	Result set
Result set size			Search	Result set
Result set start point	Synonym	Start point	Search	Result set
Result set start position	Synonym	Start point	Search	Result set
Result set status			Search	Result set
Result set time to live			Search	Result set
Result set TTL (time to live)	Synonym	Result set time to live	Search	Result set

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Resumption token	Synonym	Next result set position	Search	Response
Retained except where updated	Example	Retention policy	Resource	Collection
Retained for a limited period	Example	Retention policy	Resource	Collection
Retained until replaced by cumulation, revision or replacement volume	Example	Retention policy	Resource	Collection
Retained until replaced by microform	Example	Retention policy	Resource	Collection
Retention policy			Resource	Collection
Retention time	Synonym	Task package retention period	Transaction	Task
Retry	Example	Transaction results	Request	Reply
Retry results			Request	Reply
Return	Example	Last activity type	Holdings	Copy history
Return instructions			Request	Supply
Return to address	Example	Address role	Address	Address
Returned via	Synonym	Transportation mode	Request	Supply
Re-use package			Request	Supply
Reverse Polish Notation (RPN)	Example	Query type	Search	Query
Review code			Database record	Change data
Review instruction	Example	Additional transaction information	Transaction	Transaction
Review note	Example	Free text note	Database record	Description
Rights			Resource	Rights management
Rights accorded by			Resource	Rights management
Rights information	Synonym	Rights management	Resource	Rights management
Rights information detail			Resource	Rights management
Rights information type	Synonym	Rights	Resource	Rights management
Rights management			Resource	Rights management
Romanization of Chinese (ISO 7098)	Example	Record transliteration scheme	Database record	Attributes

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Romanization of Japanese (kana script) (ISO 3602)	Example	Record transliteration scheme	Database record	Attributes
Routine	Example	Acquisitions priority	Request	Detail
Routing destination			Request	Shipping and packing
Routing information			Request	Shipping and packing
Routing instructions			Request	Shipping and packing
RPN (Reverse Polish Notation)	Example	Query type	Search	Query
Rush	Example	Acquisitions priority	Request	Detail
Sample issue retained	Example	Retention policy	Resource	Collection
Scan clause	Example	Command expression	Search	Request
Schema	Synonym	Record schema	Database record	Attributes
Schema id	Synonym	Record schema	Database record	Attributes
Screen	Example	Output medium	Search	Request
Search effort			Request	Detail
Search frequency			Search	SDI
Search profile			Search	SDI
Search status			Search	Response
Search term			Search	Query
Search type	Synonym	Query type	Search	Query
		Search effort	Request	Detail
Second last borrower	Example	Borrower relationship to copy	Holdings	Copy history
Security challenge	Synonym	System prompt	Transaction	Authentication
Security challenge response	Synonym	Authentication data	Transaction	Authentication
Security level			Party	Privileges
Security marker			Holdings	Copy information
Security restriction instruction	Example	Additional transaction information	Transaction	Transaction

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Security violation			Transaction	Authentication
See reference	Synonym	Alternative heading form	Database record	Authority record
Self payment			Finance	Payment
Semester loan	Example	Availability policy	Holdings	Availability
Semi-annually	Example	Frequency	Resource	Bibliographic description
Semi-monthly	Example	Frequency	Resource	Bibliographic description
Semi-weekly	Example	Frequency	Resource	Bibliographic description
Send-to list	Synonym	Possible locations	Request	Locations
Sensitive data flag	Synonym	Security level	Party	Privileges
Sensitization flag			Holdings	Copy information
Separator			Search	Query
Serial	Example	Bibliographic level	Resource	Bibliographic information
Serial Item and Contribution Identifier (SICI)	Example	Issue identifier	Resource	Identifier
Series			Resource	Bibliographic description
Series title	Synonym	Series	Resource	Bibliographic description
Series title number	Synonym	Series	Resource	Bibliographic description
Service charge	Example	Fee type	Finance	Cost
Service date/time	Synonym	Date/time of transaction	Transaction	Transaction
Service level	Loose relation	Respond within	Request	Detail
Service point			Party — Person	Identification
Service profile			Transaction	Session
Service request type	Synonym	ILL request type	Request	Detail
Service required	Synonym	Acquisitions type	Request	Detail
Session details			Transaction	Session
Session identifier			Transaction	Session

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Session length constraint			Transaction	Session
Session parameters			Transaction	Session
Set			Holdings	Copy identification
	Synonym	Result set identifier	Search	Result set
Set label			Holdings	Copy identification
Set lock	Synonym	Set lock flag	Database record	Change data
Set lock flag			Database record	Change data
Sex			Party — Person	Personal information
SGML (Standard Generalized Markup Language)	Example	Record syntax	Database record	Attributes
Shelf locator	Synonym	Copy shelf locator	Holdings	Copy identification
Ship best method	Example	Transportation mode	Request	Supply
Ship from party	Example	Participant's function	Party	Attributes
Ship notice date	Synonym	Date/time item sent or shipped	Request	Supply
Ship to	Example	Address role	Address	Address
Ship to party	Example	Participant's function	Party	Attributes
Shipped conditions	Synonym	Conditions of use	Request	Reply
Shipped service type	Example	Acquisitions type	Request	Detail
Shipping address	Example	Address role	Address	Address
Shipping date	Synonym	Date/time item sent or shipped	Request	Supply
Shipping instructions			Request	Shipping and packing
Shipping note			Request	Supply
Shipping reference			Request	Supply
Short assignment	Example	Credit justification	Finance	Credit
SICI (Serial Item and Contribution Identifier)	Example	Issue identifier	Resource	Identifier

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Signature			Party — Person	Identification
Signing a copyright statement	Example	Access or use privilege requirement	Party	Privileges
Simple	Example	ILL request type	Request	Detail
Simple Unstructured Record Syntax (SUTRS)	Example	Record syntax	Database record	Attributes
Size code	Synonym	Size of resource	Resource	Bibliographic description
Size of computer disk or cassette	Example	Form (technical specifications)	Resource	Bibliographic description
Size of item	Synonym	Size of resource	Resource	Bibliographic description
Size of resource			Resource	Bibliographic description
Small invoice charge	Example	Fee type	Finance	Cost
Small invoice fee	Example	Fee type	Finance	Cost
Small set element set names	Example	Record composition	Search	Request
Small set upper bound			Search	Request
Sort keys	Synonym	Sort option	Search	Request
Sort option			Search	Request
Sort sequence	Synonym	Sort option	Search	Request
Sort status	Example	Result set status	Search	Result set
Sorted result set	Example	Result set identifier	Search	Result set
Sound recording, musical	Example	Record content type	Resource	Bibliographic description
Sound recording, non-musical	Example	Record content type	Resource	Bibliographic description
Sources checked			Request	Locations
Special charges and taxes	Example	Fee type	Finance	Cost
Sponsoring body			Resource	Bibliographic description
Spouse	Example	Party relation type	Party	Record relation
Standard Generalized Markup Language (SGML)	Example	Record syntax	Database record	Attributes

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Standard request number	Example	Request identifier	Request	Identifier
Start point			Search	Result set
Start record	Synonym	Start point	Search	Result set
Start-up delay	Example	System performance	Transaction	Session
Status	Synonym	Request status	Request	Supply
Status report	Synonym	Error condition	Transaction	Transaction
Step size			Search	Scan
Stocktake	Example	Last activity type	Holdings	Copy history
Stop word			Search	Query
Street	Synonym	Street name	Address	Physical address
Street and number	Broader than	Street name	Address	Physical address
Street name			Address	Physical address
Street number			Address	Physical address
Structure attribute	Synonym	Term structure attribute	Search	Query
Structured address	Example	Physical address	Address	Physical address
Structured holdings	Broader than	Enumeration and chronology	Resource	Component
Structured personal user name	Synonym	Personal name	Party — Person	Personal name
Student	Example	Title in organization	Party — Person	Organization information
Stylesheet			Search	Response
Sub-line number	Synonym	Order line number	Request	Detail
Sub-transaction qualifier	Example	Supplemental identifier	Resource	Identifier
Subfield			Database record	Record field
Subfield attributes			Database record	Record field
Subfield delete	Example	Edit/replace type	Database record	Change data
Subfield identifier			Database record	Record field
Subfield insert	Example	Edit/replace type	Database record	Change data

Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Subfield replace	Example	Edit/replace type	Database record	Change data
Subfield sequence number			Database record	Record field
Subject			Resource	Additional data retrieval element
Subject retrieval code			Resource	Additional data retrieval element
Subordinate unit of institution name			Party — Group	Name
Subsession identifier			Transaction	Session
Subset	Example	Result set status	Search	Result set
Substitute item			Request	Supply
Substitute option			Request	Detail
Subtitle	Part of	Title	Resource	Bibliographic description
Suffix			Party — Person	Personal name
Suite 42	Example	Location within building	Address	Physical address
Summary holdings statement			Holdings	Holding
Summary policy			Holdings	Availability
Supplement	Example	Unit type	Resource	Component
Supplemental diagnostics	Example	Error condition	Transaction	Transaction
Supplemental id	Synonym	Supplemental identifier	Resource	Identifier
Supplemental identifier			Resource	Identifier
Supplemental item description	Synonym	Bibliographic note	Resource	Bibliographic description
Supplier	Example	Participant's function	Party	Attributes
Supplier id	Example	Party identifier	Party	Identification
Supply medium type	Synonym	Form (technical specifications)	Resource	Bibliographic description
Supply or reproduction fee	Example	Fee type	Finance	Cost
Supported character set	Synonym	Character set of dialogue	Transaction	Session
		Record character set	Database record	Attributes
Surname			Party — Person	Personal name

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Suspected duplicate	Example	Duplicate test flag	Database record	Change data
Suspend flag			Transaction	Session
Suspended flag	Synonym	Suspend flag	Transaction	Session
SUTRS (Simple Unstructured Record Syntax)	Example	Record syntax	Database record	Attributes
Symbol for institution	Synonym	Abbreviated name	Party — Group	Name
System authority	Synonym	System name	Transaction	System
System id	Synonym	System identifier	Transaction	System
System identifier			Transaction	System
System name			Transaction	System
System performance			Transaction	Session
System prompt			Transaction	Authentication
Target reference	Synonym	Task package target reference	Transaction	Task
Task package			Transaction	Task
Task package description			Transaction	Task
Task package element set			Transaction	Task
Task package identifier			Transaction	Task
Task package permission			Transaction	Task
Task package retention period			Transaction	Task
Task package target reference			Transaction	Task
Task package type			Transaction	Task
Task status			Transaction	Task
Task update status			Transaction	Task
Tax			Finance	Cost
Tax amount			Finance	Cost
Tax credit	Example	Credit justification	Finance	Credit

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Tax identifier			Finance	Cost
Tax payee			Finance	Cost
Technical defects	Synonym	Physical condition	Holdings	Copy information
Technical report	Example	Form of contents	Resource	Bibliographic description
Telecom service address	Synonym	Electronic address	Address	Electronic address
Telecom service identifier	Synonym	Telecommunication carrier	Address	Electronic address
Telecommunication carrier			Address	Electronic address
Telefacsimile number			Address	Electronic address
Telenetwork address	Synonym	Electronic address	Address	Electronic address
		Electronic mail identifier	Address	Electronic address
Telephone	Example	Electronic address	Address	Electronic address
Telephone number			Address	Electronic address
Temporary location			Holdings	Copy identification
Term list and start point	Synonym	Index identifier	Search	Database information
Term loan	Example	Availability policy	Holdings	Availability
Term structure attribute			Search	Query
Terminal transactions	Example	Resource usage type	Transaction	Session
Terms	Synonym	Index entry	Search	Database information
Terms of payment			Finance	Payment
Territorial or geographic name	Example	Heading type	Database record	Authority record
Text	Example	Authentication data format type	Transaction	Authentication
		Record content type	Resource	Bibliographic description
Thesaurus identifier			Search	Request
Third party info type			Request	Third party information
This edition only	Synonym	Substitute option	Request	Detail
Three-dimensional artefacts and realia	Example	Record content type	Resource	Bibliographic description

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Three times a year	Example	Frequency	Resource	Bibliographic description
Time stamp	Synonym	Date/time record modified	Database record	Attributes
			Transaction	Transaction
Time stamp granularity			Search	Database information
Title			Resource	Bibliographic description
Title in organization			Party — Person	Organization information
Title of article	Example	Title	Resource	Bibliographic description
Title of component	Synonym	Title	Resource	Bibliographic description
To	Synonym	Next search execution date and time	Search	SDI
To agency id	Example	Transaction participant	Party	
To system id	Example	Transaction participant	Party	
Topical subject	Example	Heading type	Database record	Authority record
Total access count			Holdings	Copy history
Total acquired			Resource	Collection
Total circulation count			Holdings	Copy history
Total collection count			Resource	Collection
Total copies count			Resource	Collection
Total copies held	Synonym	Total copies count	Resource	Collection
Total DCB count			Holdings	Copy history
Total discarded			Resource	Collection
Total ILL borrowed	Synonym	Total inter-library loans borrowed	Holdings	Copy history
Total ILL count	Synonym	Total inter-library loans count	Holdings	Copy history
Total ILL lent	Synonym	Total inter-library loans lent	Holdings	Copy history
Total inter-library loans borrowed			Holdings	Copy history
Total inter-library loans count			Holdings	Copy history

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Total inter-library loans lent			Holdings	Copy history
Total loans count			Holdings	Copy history
Total loans count period	Example	Count period	Holdings	Copy history
Total ordered			Resource	Collection
Total reservations count			Holdings	Copy history
Total titles			Request	Supply
Total units			Request	Supply
Total weight			Request	Supply
Transaction completion flag			Transaction	Transaction
Transaction error condition	Synonym	Error condition	Transaction	Transaction
Transaction group qualifier	Example	Additional transaction information	Transaction	Transaction
Transaction id	Synonym	Transaction identifier	Transaction	Transaction
Transaction identifier			Transaction	Transaction
Transaction number	Synonym	Transaction identifier	Transaction	Transaction
Transaction participant			Party	
Transaction qualifier	Synonym	Additional transaction information	Transaction	Transaction
Transaction results			Request	Reply
Transaction type	Synonym	ILL request type	Request	Detail
Transcriber	Example	Other contributor	Resource	Bibliographic description
Transfer	Example	Last activity type	Holdings	Copy history
Transliteration of Arabic characters into Latin characters (ISO 233)	Example	Record transliteration scheme	Database record	Attributes
Transliteration of Cyrillic characters into Latin characters (ISO 9)	Example	Record transliteration scheme	Database record	Attributes
Transliteration of Hebrew characters into Latin characters (ISO 259)	Example	Record transliteration scheme	Database record	Attributes
Translator	Example	Other contributor	Resource	Bibliographic description

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Transport	Synonym	Delivery service	Address	Physical address
Transportation charge	Example	Fee type	Finance	Cost
Transportation charges	Example	Fee type	Finance	Cost
Transportation mode			Request	Supply
Transportation payment terms (terms added)			Finance	Payment
Triennial	Example	Frequency	Resource	Bibliographic description
Truncation attribute	Synonym	Data truncation attribute	Search	Query
Two-dimensional graphic	Example	Record content type	Resource	Bibliographic description
Type of alternative information			Party — Person	Personal information
Type of identity document			Party — Person	Identity document
Type of number	Synonym	Resource identifier code	Resource	Identifier
Type of reproduction			Request	Detail
UDC (Universal Decimal Classification)	Example	Classification	Resource	Additional data retrieval element
Unauthorized or undetermined	Example	Authority status	Database record	Authority record
Undergraduate	Example	User group	Party	Privileges
Unfilled	Example	Transaction results	Request	Reply
UNICODE level	Synonym	Level of normalization for collation	Search	Query
Uniform Resource Identifier (URI; either URL or URN)	Example	Piece identifier	Holdings	Copy identification
		Resource identifier code	Resource	Identifier
Uniform Resource Locator (URL)	Example	Resource identifier code	Resource	Identifier
Uniform Resource Name (URN)	Example	Resource identifier code	Resource	Identifier
Uniform title	Example	Heading type	Database record	Authority record
		Title	Resource	Bibliographic description
Unique agency id	Synonym	Party identifier	Party	Identification
Unique bibliographic id	Example	Resource identifier code	Resource	Identifier

Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Unique item id	Synonym	Piece identifier	Holdings	Copy identification
Unique request id	Synonym	Request identifier	Request	Identifier
Unique user id	Example	Party identifier	Party	Identification
Unit cataloguing charge	Example	Fee type	Finance	Cost
Unit cataloguing service price	Example	Fee type	Finance	Cost
Unit cost			Finance	Cost
Unit price			Finance	Cost
Unit type			Resource	Component
Units shipped	Synonym	Total units	Request	Supply
Universal Decimal Classification (UDC)	Example	Classification	Resource	Additional data retrieval element
Unlock record	Example	Set lock flag	Database record	Change data
Unrecognised security level	Example	Security violation	Transaction	Authentication
Unrestricted access	Example	Electronic access restrictions	Holdings	Availability
Unstructured address			Address	Address
Unstructured address data	Part of	Unstructured address	Address	Address
Unstructured address type	Part of	Unstructured address	Address	Address
Unstructured holdings	Synonym	Summary holdings statement	Holdings	
Unstructured holdings data	Synonym	Summary holdings statement	Holdings	
Unstructured personal name	Synonym	Personal name unstructured	Party — Person	Personal name
Unstructured personal user name	Synonym	Personal name unstructured	Party — Person	Personal name
Update	Example	Task package type	Transaction	Task
Update action			Database record	Change data
Update action qualifier			Database record	Change data
Update information			Database record	Change data
Update schema	Example	Record schema	Database record	Attributes

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
URI (Uniform Resource Identifier; either URL or URN)	Example	Resource identifier code	Resource	Identifier
		Piece identifier	Holdings	Copy identification
URL (Uniform Resource Locator)	Example	Resource identifier code	Resource	Identifier
URN (Uniform Resource Name)	Example	Resource identifier code	Resource	Identifier
Use attribute	Synonym	Index identifier	Search	Database information
Use in air conditioned room only	Example	Conditions of use	Request	Reply
Use in library only	Example	Access or use privilege constraint	Party	Privileges
Use in rare book room only	Example	Conditions of use	Request	Reply
Use outside library building not permitted	Example	Conditions of use	Request	Reply
User	Example	Participant's function	Party	Attributes
User address information	Example	Address role	Address	Address
User address: valid from date	Example	Date/time address valid	Address	Address
User address: valid to date	Example	Date/time address invalid	Address	Address
User affiliation	Synonym	Person's affiliation	Party — Person	Identification
User booking status			Party — Person	Personal status
User category	Synonym	User group	Party	Privileges
User element type	Synonym	Record retrieval elements	Database record	Attributes
User error report	Synonym	Error condition	Transaction	Transaction
User fiscal account	Synonym	Account identifier	Finance	Account
User given name	Synonym	Given name	Party — Person	Personal name
User group			Party	Privileges
User id	Synonym	Party identifier	Party	Identification
User identification	Synonym	Party identifier	Party	Identification
User identification number	Synonym	Party identifier	Party	Identification
User identifier	Synonym	Party identifier	Party	Identification
User identifier value	Synonym	Party identifier	Party	Identification

Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
User language	Synonym	Language	Party — Person	Personal information
User loan status			Party — Person	Personal status
User name and password	Example	Authentication input type	Transaction	Authentication
User note	Synonym	Additional descriptive personal information	Party — Person	Personal information
User password	Synonym	Authentication data	Transaction	Authentication
User privacy information	Synonym	Privacy information	Party — Person	Personal information
User privilege	Synonym	Access and use privileges	Party	Privileges
User privilege description	Synonym	Access and use privileges	Party	Privileges
User privilege fee	Example	Fee type	Finance	Cost
User privilege status: valid from date	Synonym	Date/time access privilege commences	Party	Privileges
User privilege status: valid to date	Synonym	Date/time access privilege ends	Party	Privileges
User profile			Party — Person	Profile
User reservation status			Party — Person	Personal status
User service point	Synonym	Service point	Party — Person	Identification
User status	Synonym	User loan status	Party — Person	Personal status
User surname	Synonym	Surname	Party — Person	Personal name
User type	Synonym	User group	Party	Privileges
User types	Synonym	User group	Party	Privileges
User: block or trap	Example	User loan status	Party — Person	Personal status
User's activity	Synonym	Person's activity	Party — Person	Organization information
User's affiliation	Synonym	Person's affiliation	Party — Person	Identification
User’s equipment	Example	User profile	Party — Person	Profile
User's home library			Party — Person	Identification
User's home location or branch			Party — Person	Identification
User's identifier	Synonym	Party identifier	Party	Identification
User's internal identification	Example	Party identifier	Party	Identification

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
User's name	Synonym	Personal name	Party — Person	Personal name
User's role	Synonym	Participant's function	Party	Attributes
User's title in organization	Synonym	Title in organization	Party — Person	Organization information
Validation indicator			Database record	Record field
Value			Holdings	Copy information
Value Added Tax (VAT)	Example	Tax identifier	Finance	Cost
Value of item	Synonym	Value	Holdings	Copy information
VAT (Value Added Tax)	Example	Tax identifier	Finance	Cost
Vendor/supplier	Example	Participant's function	Party	Attributes
Verification reference source	Synonym	Verification source	Request	Verification
Verification source			Request	Verification
Verifier		Participant's function	Party	Attributes
Version	Synonym	Protocol version indicator	Transaction	Session
Version indicator	Synonym	Protocol version indicator	Transaction	Session
Version indicator (protocol)	Synonym	Protocol options	Transaction	Session
Version number	Synonym	Protocol version indicator	Transaction	Session
Version supported	Synonym	Protocol version indicator	Transaction	Session
Very incomplete or scattered	Example	Completeness	Resource	Collection
Video branch library	Example	Booking location	Request	Reservation and booking
Visa information	Example	Other information related to an identity document	Party — Person	Identity document
Visible item identifier	Synonym	Piece identifier	Holdings	Copy identification
Visible item identifier type	Broader than	Accession number	Holdings	Copy identification
		Copy shelf locator	Holdings	Copy identification
Visible user id	Synonym	Party identifier	Party	Identification
Visible user identifier	Synonym	Party identifier	Party	Identification

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Visible user identifier type	Example	Party identifier	Party	Identification
Visiting professor	Example	Title in organization	Party — Person	Organization information
Volume	Example	Enumeration	Resource	Component
Volume issue	Synonym	Enumeration and chronology	Resource	Component
Volume issue not yet available	Example	Retry results	Request	Reply
Volume or part	Synonym	Enumeration	Resource	Component
Voucher	Example	Mode of payment	Finance	Payment
WAIS (Wide Area Information Server)	Example	Record schema	Database record	Attributes
Wait action			Transaction	Transaction
Weekly	Example	Frequency	Resource	Bibliographic description
Weighting factor			Search	Query
Where in list	Synonym	Start point	Search	Result set
Wide Area Information Server (WAIS)	Example	Record schema	Database record	Attributes
Will accept	Example	Reservation policy	Holdings	Availability
Will not accept	Example	Reservation policy	Holdings	Availability
Will not reproduce	Example	Reproduction policy	Request	Supply
Will pay fee	Synonym	Maximum cost	Finance	Cost
Will possibly accept	Example	Reservation policy	Holdings	Availability
Will reproduce	Example	Reproduction policy	Request	Supply
Will supply	Example	Transaction results	Request	Reply
Word	Example	Term structure attribute	Search	Query
Wrong binding	Example	Reason for return	Request	Cancellation
Wrong title ordered	Example	Reason for return	Request	Cancellation
Wrong title sent	Example	Reason for return	Request	Cancellation
XML (Extensible Markup Language)	Example	Record syntax	Database record	Attributes
Year	Synonym	Date/time of publication	Resource	Bibliographic information

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Table 13 (*continued*)

Data element name, synonym, example	Equivalence	Data element name	Class	Sub-class
Year of publication	Synonym	Date/time of publication	Resource	Bibliographic information
YYYYMMDD	Example	Time stamp granularity	Search	Database information
YYYYMMDDHHSS	Example	Time stamp granularity	Search	Database information
Z39.58	Example	Query type	Search	Query
Z39.50 type 101 (ERPN)	Example	Query type	Search	Query

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