



Art Museum Image Consortium
www.amico.org

Data Specification

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Art Museum Image Consortium Data Specification

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The AMICO Data Specification is comprised of:

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In addition, this package contains:

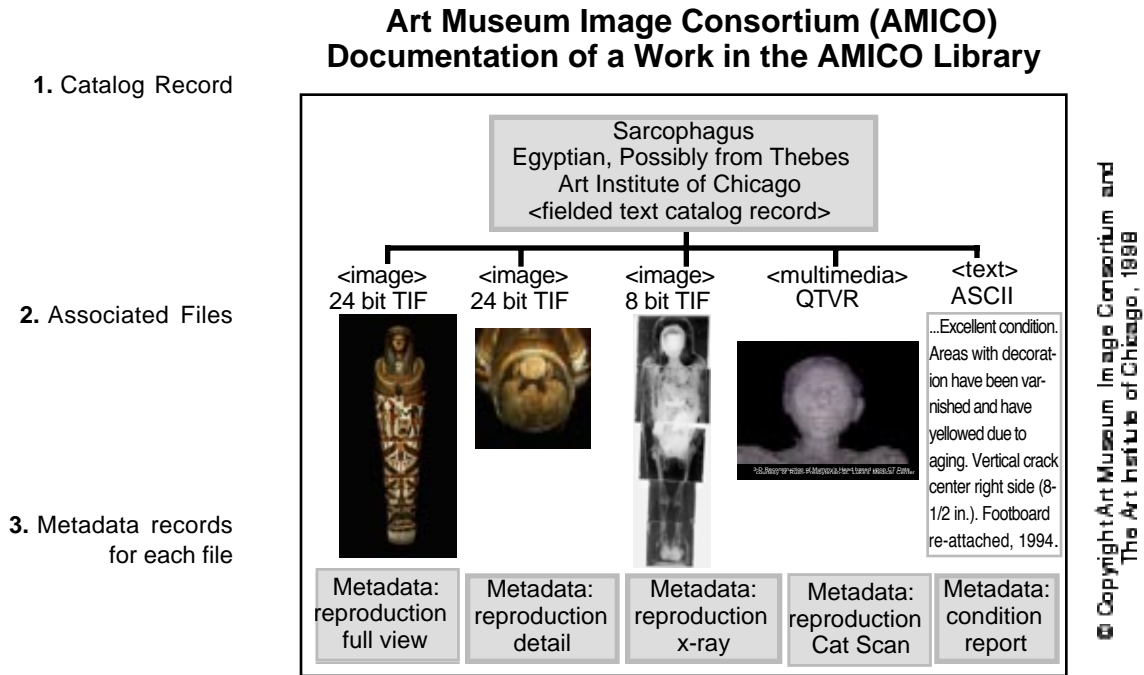
- Sample Records in display, data dictionary, and data transfer formats

This specification outlines the formats in which data is delivered to AMICO, and in which AMICO redistributes data to distributors.

A. Introduction

Each work in the AMICO Library is documented by:

1. A Catalog Record
2. Associated multimedia files, including at least one image file, and any other number of other files.
3. A Metadata Record documenting each Associated Multimedia File



***Each work in the AMICO Library is documented by:
a catalog record, an image file, and an image metadata record.
Additional media files each have a metadata record.***

AMICO Data Specification

B. Text Record Specification

Version 1.0

The following specifications apply to all structured text records contributed to the AMICO Library, as specified in the Catalog Record Specification and the Multimedia File Metadata Specification.

1. File Format

- Data file must be in the ASCII text format.

2. Character Set

- The character set must be ISO 8859-1 Latin 1 Standard.

3. Field Tags and Delimiters

- E. Each field should be preceded by its three character tag.
- F. The *field delimiter* }~ should occur at the end of a field
- G. Repeating groups of fields should be preceded by the group tag, followed directly by the field delimiter }~ No data is contained in the group tag.
- H. Each field within a group should be preceded by a tag and followed by the field delimiter.

4. Record Delimiter

- The *record delimiter* () must occur at the end of a record

5. Fields with No Data

- Fields, other than group fields, with no data may be omitted from the record. Field tags may appear with no data, unless data is required.

AMICO Data Specification

C. Related Image and Multimedia Files Specification

Version 1.0

1. “Main Image” Contributed to AMICO

- Each work of art contributed to the AMICO Library must be documented by at least one image, showing a full view of the work.

1.1 Resolution

- Images contributed to AMICO should generally have a *minimum* resolution of 1024 x 768 pixels. Members are encouraged to contribute larger files, to allow for user manipulation.
- Existing images at resolutions below 1024 x 768 (such as those at 800 x 600 created by the National Gallery of Canada for its CD-ROM project) may be accepted with the understanding that they may have to be replaced in subsequent years. Those museums who intend to submit at a lower resolution, are requested to post notification to the AMICO Technical Operations Committee Hypernews Discussion.

1.2 Bit Depth

- All images will be 24 bit color.

1.3 File Format/Compression

- Images should be submitted to the AMICO Library as uncompressed files in the TIFF format. This will enable future compression by a distributor without loss of quality. Certain research uses also require uncompressed images.
- AMICO members may produce their own compressed files to the specifications of any particular distributor. These files would be provided in addition to the uncompressed TIFF and on a schedule defined with the distributor.
- Distributors will be asked to declare their image sampling/compression processes, for AMICO review and approval. AMICO members will also be given an opportunity to review the results of distributor's compression routines.

1.4 File Names

- All associated media files, text, image, multimedia, etc., will follow the same naming and linking conventions.
- Filenames are entered in the appropriate linking field in the AMICO main catalog record: Related-Image-Identifier/link RIL, Related-Document-Identifier/Link RDL or Related-Multimedia-Identifier/link RML
- As there are many differing schemes in use in AMICO member institutions, file names are not assumed to have any meaning. The characteristics of images are recorded in their accompanying metadata records.

AMICO Data Specification: Image and Multimedia Files

D. AMICO filenames are comprised of three parts:

Institutional abbreviation [4 letter prefix - as with AMICO-Identifier]
. identifying string of characters
.file format suffix [3 character MIME type extension, e.g. .tif; .jpg, .cgm, .mov]

- File names must not include the following characters:

*
?
/

or "spaces"

They can be in upper and lower case, and are *case sensitive*.

1.5 References in Catalog Records

- Each image file contributed must be referenced, exactly, in the Related Image Link (RIL) field in the AMICO catalog record. The exact file name (matching upper and lower case) must be entered in the catalog record to make a link between records and associated files.
- Validation routines will test to ensure that all files cited are present, and that all files contributed are referenced in a record.

2. Metadata For Related Image and Media Files

- Each image or other media file is accompanied by a separate structured text metadata record, containing the minimum fields, as specified.
- Sample metadata records are posted on the AMICO Web site, along with sample image and media files.
- Delimiters and character set specifications are identical for metadata records and for the AMICO main catalog record.

3. Related Multimedia Files

- Associated media files should be contributed to the AMICO Library in their native format. i.e. in QuickTime, WAV, RealAudio, etc. and named with the registered MIME extension.
- Files must be accompanied by a metadata record, and referenced by an entry in the Related-Multimedia group field of an AMICO Catalogue Record.
- Validation routines will test to ensure that all files cited are present and that all files contributed are referenced in a record.

4. Related Documents

Related textual documents can be contributed in any common format:

- Page images can be in TIFF, GIF or JFIF file format
- Text documents can be in ASCII, or Rich Text Format (RTF)
- Marked up texts can be in Hypertext Mark-up Language (HTML) or Standard Generalized Markup Language (SGML)
- Each related document file must be accompanied by a metadata record, and referenced by an entry in the Related-Documents group field of an AMICO Catalog record.
- Validation routines will test to ensure that all files cited are present and that all field contributed are referenced in a record.

AMICO Data Specification

D. AMICO Data Dictionary

1. Catalog Record fields

Definitions of attributes in the data Dictionary Table below:

- Type = the kind of AMICO Record (Catalog or Media Metadata)
 - TAG = the three letter prefix that identifies an AMICO data field
 - Min.Cite = min. fields required to be displayed in citing a work of art
 - Core = fields required as part of a minimum AMICO catalog record
 - Repeat = whether a field can occur more than once in a record
 - Group = if a field belongs to a group (or is group tag).
- Definition/Guidelines = what kind of information is recorded in a field, and what the field means
 - Reference File = the name of an external file against which the data in a field is validated
 - Data Processing Requirements = any validation, verification conducted by AMICO
 - E. Examples = samples of the kinds of data that will be found in the field

Catalog Record Fields (One Record for each Work of Art)										
Type	TAG	Field Name	Min. Cite	Core ?	Repeat ?	Group	Definition/Guidelines	Reference File	Data Processing Requirement	Examples, with end of field delimiter }~
Unique Identification										
Catalog	AID	AMICO Identifier	*	*	N		A unique identifier, assigned to a work in the AMICO Library. Comprised of a 4 letter institutional abbreviation, followed by a dot, and then a unique number such as an accession number [DOIs will be investigated in the future]		Validate. First 4 characters from Member Code Value Table followed by period	NMAA.87-32547/a-g}~ AIC_456502}~ GEH_3457-86}~
What is it?										
Catalog	OTY	Object-Type		*	Y		The kind of work of art described; chosen from a short list of terms	AMICO Value Table	Validate. Object Type Value Table.	installation}~ sculpture}~ watercolor}~
Catalog	OPP	Object-Parts/Pieces			Y		The number and a description of any parts/pieces of the work of art	AAT	no conditions	chair, shelf, painting on canvas, robe, and bricks}~ 3 panels}~ 2}~

AMICO Data Specification: Data Dictionary, Version 1.2

Catalog Record Fields (One Record for each Work of Art)										
Type	TAG	Field Name	Min. Cite	Core ?	Repeat ?	Group	Definition/Guidelines	Reference File	Data Processing Requirement	Examples, with end of field delimiter }~
Catalog	CLG	Classification			Y	Group	Does not contain data; used to group fields classifying work.		Validate. Null value only.	}~
Catalog	CLT	Classification-Term			N	CLG	Terms used to associate this work with other like works	AAT	no conditions	sculptural multimedia installation}~ works of art on paper}~
Catalog	CLS	Classification-Scheme			N	CLG	The classification scheme from which a term was chosen		no conditions. Construct Object Classification Scheme list	AAT}~
What is it called?										
Catalog	OTG	Object-Title/Name	*		Y	Group	Group element		Validate. Null value only.	}~
Catalog	OTN	Object-Title-Name		*	N	OTG	The title or name of the work		no conditions	In the Afternoon}~ untitled}~ Blue #6}~
Catalog	OTT	Title-Type			Y	OTG	The kind of Title or Name assigned to the work: Can include terms/phrases such as 'preferred', 'as given by artist', etc.		no conditions	preferred}~ popular}~ as first exhibited}~
Catalog	OST	State			Y		For works produced in multiples, the state of this particular impression		no conditions	1 of 5}~ only known}~ artists proof}~
Catalog	OEN	Edition			Y		For works produced in multiples, the edition of this particular example.		no conditions	1st}~ Second American}~
What does it look like?										
Catalog	OPD	Physical Description			N		A narrative description of the physical appearance of the work including any parts or components.		no conditions	The objects are off center with a brick pathway leading towards them and the canvas in the background}~ Installation piece for the 2nd floor sculpture court comprised of several pine sticks. The ones in the center are burned }~

AMICO Data Specification: Data Dictionary, Version 1.2

Catalog Record Fields (One Record for each Work of Art)										
Type	TAG	Field Name	Min. Cite	Core ?	Repeat ?	Group	Definition/Guidelines	Reference File	Data Processing Requirement	Examples, with end of field delimiter }~
Catalog	OPA	Physical Orientation/Arrangement			N		A narrative description of the orientation of the work, or its physical arrangement or set-up. For example, used to describe how to assemble an installation, or hang an oddly shaped or abstract work.		no conditions	horizontal}~ designed for 14'x28' room}~ on pedestal}~
Catalog	MET	Measurements-Text		*	Y		A free text display form of the works measurements.		no conditions	14'x28'}~ 17.6 " x 38" unframed}~ 160 kg.}~ 13.2 cu. m. }~
Catalog	MEG	Measurements			Y	Group	Does not contain data; used to group fields recording measurements.		Validate. Null value only.	}~
Catalog	MCM	Measurement-Component-Measured			N	MEG	A term indicating what was measured (sheet, frame, lid, pedestal etc.)	AAT	no conditions	sheet}~ frame}~ lid}~ pedestal}~
Catalog	MED	Measurement-Dimension			N	MEG	A term indicating the measurement taken, drawn from the following list: height, width, depth, weight, circumference, duration, volume (other terms may be added)		Validate. Dimensions Value Table.	height}~ width}~ length}~ circumference}~ diameter}~ volume}~ weight}~ duration}~
Catalog	MDV	Measurement-Dimension-Value			N	MEG	The number of units of the measurement (numeric only)		Validate. Numeric	37.6}~ 14}~ 182.25}~
Catalog	MDU	Measurement-Dimension-Units			N	MEG	The unit in which the measurement was taken: inches, feet, mm, cm, lbs., oz., kg, gr., minutes, sq. ft., cu. ft. etc.		Validate. Measurement Units Value Table	linear measurements: inches}~ ft}~ mm.}~ cm}~ meters}~ planar measurements: sq.ft.}~ sq m.}~ volumetric measurements: cu.ft. cu. meters}~ pounds, ounces}~ grams, kilograms}~ seconds, minutes}~ hours}~
Catalog	MEQ	Measurement-Qualifier			N	MEG	A qualification or indication of the accuracy of a measurement		no conditions	plus/minus 10}~ accurate to 96%}~ circa}~

AMICO Data Specification: Data Dictionary, Version 1.2

Catalog Record Fields (One Record for each Work of Art)										
Type	TAG	Field Name	Min. Cite	Core ?	Repeat ?	Group	Definition/Guidelines	Reference File	Data Processing Requirement	Examples, with end of field delimiter }~
Catalog	OMG	Materials and Techniques			Y	Group	Does not contain data; used to group fields documenting materials and techniques used to create the work.		Validate. Null value only.	}~
Catalog	OMD	Materials and Techniques-Description		*	N	OMG	A free text description of the materials and techniques used to create the work of art.	AAT		Bricks, furniture and canvas}~ ink and watercolor on paper}~ oil on canvas}~
Catalog	OMT	Materials and Techniques-Process/Technique-Term			Y	OMG	Single terms that index the processes and techniques used to create the work.	AAT	no conditions. look up in AAT Processes/Techniques Hierarchy	construction}~ freehand drawing}~ drip painting}~ lithograph}~
Catalog	OMM	Materials and Techniques-Materials-Term			Y	OMG	Single terms that index the materials used to create the work.	AAT	no conditions. look up in AAT Materials Hierarchy	brick}~ oak}~ watercolor}~ varnish}~
Catalog	OMS	Materials and Techniques-Support			Y	OMG	Single terms that index the support on which the work was created.	AAT	no conditions. look up in AAT Materials Hierarchy	rice paper}~ canvas}~
Catalog	OIN	Inscriptions and/or Marks			Y		A free text description or transcription of any inscriptions or marks on the work, including their location, medium, hand, and other details.		no conditions	signed, JG., lower front}~ silver mark on handle}~ inscribed "to my friend john" on rear, with date July 14, 1973}~
Catalog	OCH	Condition/Examination History			Y		A narrative description of the Condition or Examination history of the work of art. Cite documentation associated with Condition or Examination History in the Related Documents Group.		no conditions	Excellent Condition according to Condition Report, 14/7/82, H.M. Black, Conservator}~ not inspected when first accessioned, found to have scratch in upper left, 3 inches long, during 1965 inventory}~

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Catalog Record Fields (One Record for each Work of Art)										
Type	TAG	Field Name	Min. Cite	Core ?	Repeat ?	Group	Definition/Guidelines	Reference File	Data Processing Requirement	Examples, with end of field delimiter }~
Catalog	OTH	Treatment/Conservation History			Y		A narrative description of the Treatment or Conservation of the Work of art. Cite Documentation associated with Treatment or Conservation in the Related Documents Group.		no conditions	Restored, summer 1987. Detailed treatment report available}~ Base reaffixed July 1987}~
Who made it?										
Catalog	CRG	Creator			Y	Group	Does not contain data; used to group the fields documenting the creator of the work.		Validate. Null value only.	}~
Catalog	CRQ	Creator-Qualifier			N	CRG	A qualification of the attribution of the work to a particular creator.		no conditions	School of}~ Follower of}~ Attributed to}~ Copy after}~
Catalog	CRT	Creator-Name-Text	*	*	N	CRG	Display form (direct order) of Creator Name (and qualifier). If Creator-Name isn't present, display form of Creator Culture Nationality	ULAN	no conditions	Vito Acconci}~ W. Eugene Smith }~ Rembrandt van Rijn}~
Catalog	CRN	Creator-Name		* or CRC	N	CRG	Sort Form (inverted, last name first) of Creator name; used in indexing.	ULAN	Validate presence/ or presence of CRC.	Acconci, Vito}~ Smith, W. Eugene}~ Rembrandt van Rijn}~
Catalog	CRC	Creator-Culture/Nationality		* or CRN	N	CRG	The culture or nationality of the creator who made the work, or to which the creation of the work is attributed.	AAT	Validate presence, or presence of CRN.	Benin Culture}~ Egyptian 1085-710 B.C.}~ Native American}~
Catalog	CDT	Creator-Dates/Locations-Text			N	CRG	A free text description of dates and places associated with the creator or culture that created the work.	TGN	no conditions. Parse Numeric years to identify begin and end dates, BC., and qualifiers	born 1876 in Staffordshire, England}~ after 800 B.C.}~ not before 1766}~ c.1450}~ 3rd century B.C.}~ Died 1990}~
Catalog	CBD	Creator-Birth-Date			N	CRG	The date of birth of the creator.	numeric	Validate. Numeric, Parse to Validate. YYYYMMDD	1957}~ 19780914}~ 190206}~

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Catalog Record Fields (One Record for each Work of Art)										
Type	TAG	Field Name	Min. Cite	Core ?	Repeat ?	Group	Definition/Guidelines	Reference File	Data Processing Requirement	Examples, with end of field delimiter }~
Catalog	CBP	Creator-Birth-Place			N	CRG	The place the creator was born.	TGN	no conditions.	Lille, France}~ The Netherlands}~ London, Ontario, Canada}~
Catalog	CBQ	Creator-Birth-Qualifier			N	CRG	A free text qualifier of the date of birth of the creator.		Validate. Date Qualifier Value Table	c.}~ circa}~ before}~ not after}~ no later than}~
Catalog	CDD	Creator-Death-Date			N	CRG	The date the creator of the work died.	numeric	Validate. Numeric, Parse to Validate. YYYYMMDD	1320}~ 19380914}~ 710 B.C.}~
Catalog	CDP	Creator-Death-Place			N	CRG	The place of death of the creator.	TGN	no conditions.	Helsinki, Finland}~ India}~ at sea, South Atlantic}~
Catalog	CDQ	Creator-Death-Qualifier			N	CRG	A free text qualifier of the date of death of the creator.		Validate. Date Qualifier Value Table	c.}~ circa}~ before}~ not after}~ no later than}~
Catalog	CAD	Creator-Active-Date			N	CRG	The creator's dates of activity; may be known when birth and death are not.	numeric	no conditions	1342-1386}~ 1960's}~ early 7th century B.C.}~
Catalog	CAP	Creator-Active-Place			Y	CRG	The place where the creator was active. May repeat with multiple places.	TGN	no conditions	France}~ Middle Kingdom, Egypt}~ North America}~
Catalog	CGN	Creator-Gender			N	CRG	The gender of the creator.	M or F	Validate. 'M' or 'F'	Male}~ Female}~
Catalog	CRB	Creator-Biography			N	CRG	A free text biography of the creator of the work.		no conditions	Active in Canada 1844-71; Came to Canada in 1842}~ Winner of the Prix du Rome in 1903}~
Catalog	CRR	Creator-Role			Y	CRG	A term or terms describing the role played by the creator in the making of the work of art.	AAT	no conditions. Construct Role Values list	sculptor}~ designer}~ print maker}~ castings manager}~
Catalog	CNO	Creator-Notes			N	CRG	A free text note about the creator, and the relationship between the creator or culture and the work of art.		no conditions	Not known to have ever signed works}~
When was it made?										
Catalog	OCG	Creation-Dates			Y	Group	Does not contain data; used to group fields dating work's creation.		Validate. Null value only.	}~

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Catalog Record Fields (One Record for each Work of Art)										
Type	TAG	Field Name	Min. Cite	Core ?	Repeat ?	Group	Definition/Guidelines	Reference File	Data Processing Requirement	Examples, with end of field delimiter }~
Catalog	OCT	Creation-Date-Text	*	*	N	OCG	The date on which a work was created, or a range of dates during which it could have been created	Parse to Numeric equivalents	no conditions. Parse Validate. Numeric years to identify begin and end dates, BC., and qualifiers	c. 1645}~ 1957}~ dated by the artist as September 13, 1975}~
Catalog	OCS	Creation-Date-Start			N	OCG	A number, indicating the earliest possible date a work could have been created; BC dates are recorded as negative integers	numeric	Validate. Numeric, Parse to Validate. YYYYMMDD	1300}~ 198209}~ 19461103}~
Catalog	OCE	Creation-Date-End			N	OCG	A number, indicating the latest possible date a work could have been created; BC dates are recorded as negative integers	numeric	Validate. Numeric, Parse to Validate. YYYYMMDD	1350}~ 198301}~ 19461103}~
Catalog	OCQ	Creation-Date-Qualifier			N	OCG	A qualifier, that indicates approximation in the earliest or latest date.		Validate. Date Qualifier Value Table	c.}~ circa}~ before}~ not after}~ no later than}~
Where was it made?										
Catalog	OCP	Creation-Place			Y		A place or places where the work was created.	TGN	no conditions. Lookup in TGN	Paris, France}~ Loire River Valley}~ Los Angeles, California, USA}~
What is it about?										
Catalog	STG	Style/Period			Y	Group	Does not contain data; used to group fields describing work's style or period.		Validate. Null value only.	}~
Catalog	STD	Style/Period-Description			N	STG	A narrative description of the style or period of the work of art.	AAT	no conditions. Parse terms from AAT Style and Periods to Style & Period Terms	Early Christian with Byzantine influence}~ Eastern Han ceramic ware with 13th century decorative glazes}~ Baroque}~ Etruscan influenced}~

AMICO Data Specification: Data Dictionary, Version 1.2

Catalog Record Fields (One Record for each Work of Art)										
Type	TAG	Field Name	Min. Cite	Core ?	Repeat ?	Group	Definition/Guidelines	Reference File	Data Processing Requirement	Examples, with end of field delimiter }~
Catalog	STT	Style/Period-Terms			Y	STG	Index terms that characterize the style and/or period of the work of art.	AAT	no conditions. Look up in AAT Style & Periods	Art Nouveau}~ Minyan ware}~ French Colonial}~
Catalog	SUG	Subject Matter			Y	Group	Does not contain data; used to group fields documenting work's subject matter.		Validate. Null value only.	}~
Catalog	SUP	Subject Matter-Prelconographic Description			N	SUG	A free text description of the generic subject of the work of art.	AAT	no conditions	Pastoral landscape with cattle in fields in background}~ Full length portrait with ball gown and pearls}~ Group of men at table gambling and drinking}~
Catalog	SUI	Subject Matter-Iconography			Y	SUG	A free text description of the specific, named subject of the work of art		no conditions	Diana and hounds}~ Christ in the temple}~ Herrod and the slaughter of the innocents}~
Catalog	SUT	Subject Matter-Index Terms			Y	SUG	Index terms that characterize the subject of the work of art.	AAT	no conditions	Mrs. John Patorius}~ Court of Louis XIV}~ Netherlands - 16th century, Recreation}~
Catalog	CXG	Context			Y	Group	Does not contain data; used to group fields documenting work's context.		Validate. Null value only.	}~
Catalog	CXD	Context-Description			N	CXG	A narrative description of the historical context of the work of art, including its creation, display, excavation, or other history.		no conditions	Excavated at Pompeii in the 1876 expedition}~ Installed in Brussels town square until 1782}~ Originally displayed with framelike structure built by the artist as part of the Black3 series}~
Catalog	CXP	Context-Related-Person			Y	CXG	Index forms of the names of any people contextually related to the work of art.	ULAN	no conditions.	Pershing, John}~ Emperor Hirohito}~ Wu Hen Din}~ Pope Julius II}~

AMICO Data Specification: Data Dictionary, Version 1.2

Catalog Record Fields (One Record for each Work of Art)										
Type	TAG	Field Name	Min. Cite	Core ?	Repeat ?	Group	Definition/Guidelines	Reference File	Data Processing Requirement	Examples, with end of field delimiter }~
Catalog	CXS	Context-Related Site/Place			Y	CXG	The names of any places that are contextually related to the work of art.	TGN	no conditions.	Brussels, Belgium}~ Pompeii, Italy}~ Times Square, New York, New York, USA}~
Catalog	CXT	Context-Time Period/Dates			N	CXG	The dates, times or periods of a particular context.		no conditions.	1876}~ 1782}~ prior to acquisition by the museum in 1956}~
What does it mean?										
Catalog	OCR	Critical Responses			Y		Narrative discussions of the critical reception or analysis of the work of art. Link any critical texts in the Related Documents Group.		no conditions	"Delightful! - A triumph." Maravius, Hans, "In the Light of day", The New City News, January 7, 1987}~
Who showed it?										
Catalog	OEH	Exhibition or Loan History			Y		A record of when and where the work has been exhibited.			Manchester Museum of Art, June 10 - September 18, 1976, "New Lines in Grand Masters"}~
Who owned it?										
Catalog	OOG	Owner			Y	Group	Does not contain data; used to group fields documenting works ownership.		Validate. Null value only.	}~
Catalog	OON	Owner Name	*	*	N	OOG	The name of the institution or individual who owns the work now [e.g. the AMICO member]. Can repeat if multiple/part owners		no conditions	SF MOMA}~ The Trustees of the Harold J. Jameson Memorial Museum of Crafts}~
Catalog	OOP	Owner-Place		*	Y	OOG	The place where the work is owned.	TGN	no conditions	Buffalo, New York, USA}~ St. Petersburg, Russia}~ San Diego, Chile}~
Catalog	OOA	Owner-Accession-Number		*	Y	OOG	The accession or inventory number assigned to the work by this owner.		no conditions	87-4532.a-c}~ 456565-0112}~

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Catalog Record Fields (One Record for each Work of Art)											
Type	TAG	Field Name	Min. Cite	Core ?	Repeat ?	Group	Definition/Guidelines	Reference File	Data Processing Requirement	Examples, with end of field delimiter }~	
Catalog	OOC	Owner-Credit-Line	*	*	Y	OOG	The Credit Line, or any required mention or acknowledgement of the ownership of the work of art.		no conditions.	Gift of Mrs. John Francis Blue}~ Purchased with funds from trustees and friends in memory of Hector Escobosa, Brayton Wilbur and J.D. Zellerbach}~	
Catalog	OPO	Provenance/Prior Owners-Text			Y		A record of the past owners of the work of art.		no conditions	Andrew Carnegie}~ ASEA International Ltd.}~ Mr. & Mrs. John A. T. Pastors}~	
Catalog	ORG	Rights/Copyright			Y	Group	Does not contain data; used to group fields documenting work's copyright or restrictions.		Validate. Null value only.	}~	
Catalog	ORS	Copyright-Statement	*		N	ORG	The copyright of the work of art, including any known rights holders, encumbrances or restrictions.		no conditions	Permission for educational use only granted by the Trustees of the Picasso estate}~ No reproductions permitted under terms of the gift}~	
Catalog	ORL	Copyright-Link		*	N	ORG	A URL that links to where and how a user can acquire further information or rights to use the work.		Validate. Must be a url	http://www.artic.edu }~	
What is it related to?											
Catalog	RWG	Related Works of Art			Y	Group	Does not contain data; groups fields documenting related works of art.		Validate. Null value only.	}~	
Catalog	RWD	Related-Works-Description			N	RWG	A narrative description of the relationship between this work and any others.		no conditions	David Hockney, "Mulholland Drive: the Road to the Studio", 1980}~ Other statues from the same site accessioned by the British Museum in 1845}~	

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Catalog Record Fields (One Record for each Work of Art)										
Type	TAG	Field Name	Min. Cite	Core ?	Repeat ?	Group	Definition/Guidelines	Reference File	Data Processing Requirement	Examples, with end of field delimiter }~
Catalog	RWR	Related-Works-Relationship-Type			N	RWG	The kind of relationship; drawn from the list of Dublin Core Relationship types.	DC. Relations	Validate. DC Relations Type Value Table	IsBasisFor}~ IsPartOf}~ References}~
Catalog	RWL	Related-Works-Identifier/Link			N	RWG	An identifier for or link to the related work of art.		Validate. AMICO Inst. Code, period, alpha-numeric	LAMA.AC1954.856.32}~ AKAG.1863:1}~
Catalog	RIG	Related Images		*	Y	Group	Does not contain data; groups fields documenting related images. All AMICO works must have at least one related image.		Validate. Null value only.	}~
Catalog	RIP	Related-Image-Preferred		*	N	RIG	Indicates [yes/no] whether this is the preferred image of the work of art. Each work must have one preferred image, that will be used in lists and brief displays.	Y or N	Validate.	Y}~ N}~
Catalog	RID	Related-Image-Description		*	N	RIG	The view of the work shown in this image: full, detail, recto, verso, 360 degrees, etc.; Note: Maps to XDE in Multimedia Metadata Record		Validate. Views Value Table	Detail}~ Full View}~ Aerial view}~ 360 degrees}~x-ray}~
Catalog	RIR	Related-Image-Relationship-Type		*	N	RIG	The relation between this work and the image, using values from the Dublin Core Relationship Types. If original work is analog, and the image is digital, this value will be "HasFormat". If the original work is digital and the image is digital, this value is "HasVersion"	DC. Relations	Validate. DC Relations Type Value Table	HasFormat}~ HasVersion}~
Catalog	RIL	Related-Image-Identifier/Link		*	N	RIG	The identifier of the related image' Note: maps to XID in Multimedia Metadata Record		Validate. AMICO Inst. Code, period, alpha-numeric, period, 3 char. MIME Type from Value list	AIC_.96-34543.tif}~ SFMA.89-2335.jpg}~

AMICO Data Specification: Data Dictionary, Version 1.2

Catalog Record Fields (One Record for each Work of Art)										
Type	TAG	Field Name	Min. Cite	Core ?	Repeat ?	Group	Definition/Guidelines	Reference File	Data Processing Requirement	Examples, with end of field delimiter }~
Catalog	RMG	Related Multimedia			Y	Group	Does not contain data; groups fields documenting related multimedia files.		Validate. Null value only.	}~
Catalog	RMD	Related-Multimedia-Description			N	RMG	A description of the related multimedia file. Note: Maps to XDE in Multimedia Metadata Record		no conditions	Interview, in the artist's studio, January 17, 1993}~ "Fly-Through" movie of the installation seen from three feet above ground}~ Interpretation offered by the Museum Director in the gallery audio}~
Catalog	RMR	Related-Multimedia-Relationship-Type			N	RMG	The relationship between this work and the related multimedia file, expressed using Dublin Core Relationship Types. Note: inverse may be in XRT of Multimedia Metadata Record	DC. Relations	Validate. DC Relations Type Value Table	References}~ IsVersionOf}~ IsBasedOn}~
Catalog	RML	Related-Multimedia-Identifier/Link			N	RMG	The identifier of the related multimedia file. Note: maps to XID in Multimedia Metadata Record		Validate. AMICO Inst. Code, period, alphanumeric, period, 3 char. MIME Type from Value list	SFMA.96-543.mov}~ SDCA.1324:87.1.wav}~ NMAA.67-3452.cgm}~
Catalog	RDG	Related Documents			Y	Group	Does not contain data; groups fields describing related documents.		Validate. Null value only.	}~
Catalog	RDD	Related-Document-Description			N	RDG	The description, or title with full citation, of the related document. Note: Maps to XDE in Multimedia Metadata Record		no conditions.	Johnson, James, "Major Works by Hungarian Artists, London, Ballet & Baney, 1963 p.137-138}~ The New Reporter, "ARTopenARTclosed", June 17, 1989, p.7}~ transcript of gallery talk at opening, Museum Archives}~

AMICO Data Specification: Data Dictionary, Version 1.2

Catalog Record Fields (One Record for each Work of Art)										
Type	TAG	Field Name	Min. Cite	Core ?	Repeat ?	Group	Definition/Guidelines	Reference File	Data Processing Requirement	Examples, with end of field delimiter }~
Catalog	RDR	Related-Document-Relationship-Type			N	RDG	A description of the relationship between the work and the related document, expressed using Dublin Core Relationship Types. Note: inverse of XRT in Multimedia Metadata Record	DC. Relations	Validate. DC Relations Type Value Table	References}~
Catalog	RDL	Related-Document-Identifier/Link			N	RDG	The Identifier of the Related Document. Note: maps to XID in Multimedia Metadata Record		Validate. AMICO Inst. Code, period, alpha-numeric, period, 3 char. MIME Type from Value list	WGA_.doc1876-45.sgm}~ MIA_.newreporter46.gif} ~ NMAA.Ex85-342.txt}~
Who documented it?										
Catalog	DCG	Documentation/Cataloguing-History			Y	Group	Does not contain data; groups fields recording the documentation history of the work.		Validate. Null value only.	}~
Catalog	DCB	Documented/Catalogued By			N	DCG	The name of the person who documented the work.		no conditions.	Jameson}~ PDT}~ PhotoServices3}~
Catalog	DCD	Documented/Catalogued-Date			N	DCG	The date the work was documented.	date	Validate. YYYYMMDD	19870415}~
Version Control?										
Catalog	AVD	AMICO-Validated-Date		*	N		Entered by AMICO. The date the catalog record for a work of art was validated; created by AMICO	date	Validate. YYYYMMDD	19980324}~19980214}~
Catalog	AVV	Validation-Dictionary-Version		*	N		Entered by AMICO. The version of the AMICO data dictionary in which the work is documented.	numeric	Validate. Numeric	1.0}~1.3}~ 2.1}~
Catalog	ADP	AMICO Data Processing			Y		Entered by AMICO. A record of any data processing or parsing done by AMICO; includes notes of errors, warnings, and additions through parsing routines.			measurement data parsed; Error - OCT is a required field! }~

AMICO Data Specification: Data Dictionary, Version 1.2

Catalog Record Fields (One Record for each Work of Art)										
Type	TAG	Field Name	Min. Cite	Core ?	Repeat ?	Group	Definition/Guidelines	Reference File	Data Processing Requirement	Examples, with end of field delimiter }~
Catalog	DEL	AMCO Deletion Flag			N		Entered by AMICO. Indicates that a record should be removed from all public distributions of the Library. Y=deleted record	Flag Y/N		Y}~
Catalog	ALY	AMICO Library Year		*	N		Entered by AMICO. Indicates first Library year this record may appear in	Numeric	Validate. Numeric. A valid AMICO Library year.	1998}~1999}~

2. Media Metadata Record

Media Metadata Fields (One record for each related image or media file)											
Record Type	TAG	AMICO-FIELD	Required ID?	Core?	Repeat ?	Group ?	Definition/ Guidelines	Reference File	Data Processing Requirement	Examples, with end of field delimiter }~	
Media Metadata	XID	DC.Resource.Identifier		*	N		The identifier of the metadata file. Maps to RIL, RML or RDL in catalog record. Validation ensures conformity to file naming conventions	Validate.		MMA_39504.TIF}~ AIC_MUM98r.MOV}~	
Media Metadata	XTI	DC.Title			Y		The title or name of the work in the media file; maps to RID, RMD, or RDD in the catalog record.			Front view}~	
Media Metadata	XCN	DC.Creator			Y	Group	Does not contain data; groups fields documenting the creation of the media file.			}~	
Media Metadata	XCP	DC.Creator.PersonalName			Y	XCN	The Personal Name of the creator of media file				
Media Metadata	XCC	DC.Creator.Corporate Name			Y	XCN	The Corporate Name of the Creator of the media file.				
Media Metadata	XCR	DC.Creator.Role			Y	XCN	The role the named creator played in the making of the media file.				
Media Metadata	XDE	DC.Description		*	Y		A narrative description of the contents of the media file.				
Media Metadata	XPU	DC.Publisher		*	N		The name of the institution that made the media file available; i.e. the name of the contributing AMICO member.			Art Institute of Chicago}~	

AMICO Data Specification: Data Dictionary, Version 1.2

Media Metadata Fields (One record for each related image or media file)										
Record Type	TAG	AMICO-FIELD	Required ID?	Core?	Repeat ?	Group ?	Definition/ Guidelines	Reference File	Data Processing Requirement	Examples, with end of field delimiter }~
Media Metadata	XDN	DC.Contributor			Y	Group	Does not contain data; groups fields documenting other contributions to the creation of the media file.			
Media Metadata	XDP	DC.Contributor. PersonalName			Y	XDN	The Personal Name of a contributor to the creation of the media file			
Media Metadata	XDC	DC.Contributor. CorporateName			Y	XDN	The Corporate Name of a contributor to the creation of the media file.			
Media Metadata	XDR	DC.Contributor. Role			Y	XDN	The role played by the contributor in the creation of the media file.			
Media Metadata	XDA	DC.Date			Y		The date that the media file was created, in the format YYYYMMDD	Validate.		
Media Metadata	XRT	DC.ResourceType		*	N		A "genre-like" term, characterizing the content of the media file. For example, analytical report; critical review; interview; letter; lecture; portrait; reproduction;			Reproduction}~
Media Metadata	XAM	AMICO.Mode		*	N		A term indicating the modality in which a person will experience the resource. audio; image; model; multimedia; text; video	Validate.		Image}~
Media Metadata	XFO	DC.Format				Group	Not Used: AMICO records format in specific sub-elements.			

AMICO Data Specification: Data Dictionary, Version 1.2

Media Metadata Fields (One record for each related image or media file)											
Record Type	TAG	AMICO-FIELD	Required ID?	Core?	Repeat ?	Group ?	Definition/ Guidelines	Reference File	Data Processing Requirement	Examples, with end of field delimiter }~	
Media Metadata	XFE	AMICO.Format.Encoding		*	N	XFO	The manner in which the data in the media file is encoded. E.g. gif; tiff; jfif; ascii	Validate.		TIF}~	
Media Metadata	XFP	AMICO.Format.ColorPalette			N	XFO	The color palette of the media file. E.g. RGB, CMYK, Grayscale			RGB}~	
Media Metadata	XCM	AMICO.Format.ColorMetric			N	XFO	The manner in which the color data is represented; e.g., 24-bit, 8-bit.			24-bit}~	
Media Metadata	XFD	AMICO.Format.Dimensions		*	N	XFO	The dimensions of the media file: For an image, the spatial resolution of the image, e.g. 1024 x 768; 640 x 480; etc.			1024 x 768}~	
Media Metadata	XFF	AMICO.Format.FileSize		*	N	XFO	The storage size of the media file.			2.7 MB. }~	
Media Metadata	XFC	AMICO.Format.Compression		*	N	XFO	The compression algorithm used in storing the media file: none; jpeg; mpeg; etc.	Validate.		JPEG}~ MPEG}~ QT}~	
Media Metadata	XRE	DC.Relation			Y	Group	Does not contain data; used to group fields documenting relationships.				
Media Metadata	XRY	DC.Relation.Type		*	N	XRE	The kind of relationship, expressed as a Dublin Core Relationship type. Note: this is the inverse of the relation in the record pointed to by the Relation.Identifier.	DC. Relations		IsFormatOf}~ IsVersionOf}~	

AMICO Data Specification: Data Dictionary, Version 1.2

Media Metadata Fields (One record for each related image or media file)										
Record Type	TAG	AMICO-FIELD	Required ID?	Core?	Repeat ?	Group ?	Definition/ Guidelines	Reference File	Data Processing Requirement	Examples, with end of field delimiter }~
Media Metadata	XRI	DC.Relation.Identifier		*	N	XRE	The identifier of the related work, image, metadata or sound; If within the AMICO Library, this must conform to naming conventions; warning produced if points outside AMICO dataset.	Validate.		AGO_.253846v}~
Media Metadata	XRS	DC.Rights	*	*	Y		Text of rights statement for this media file.			Copyright Art Institute of Chicago}~
Media Metadata	XMN	AMICO.Media.Note			N		Capture details and other matters of importance for understanding the quality/content of the digital file.			
Media Metadata	XVD	AMICO Metadata Validation Date		*	N		Added by AMICO: Date the file was validated	Validate.		1995/05/30}~
Media Metadata	XVV	AMICO Data Dictionary Version		*	N		Version of the Data Dictionary	numeric		1}~
Media Metadata	XPR	Metadata Data Processing Note		*	Y		Added by AMICO: Documents data processing routines, errors and additions			WARNING: XRI does not point to a valid AID}~
Media Metadata	XDL	Metadata Deletion Flag			N		Entered by AMICO. Indicates that a record should be removed from all public distributions of the Library Y=deleted record	Flag Y/N		
Media Metadata	XLY	Metadata Library Year			N		Entered by AMICO. Indicates which library year this record was originally received in.			

AMICO Data Specification

Data Dictionary: Alphabetical List of Fields by Tag

TAG	Field Name	Record Type	Required ID?	Core?	Repeat ?	Group?
ADP	AMICO Data Processing	Catalog			Y	
AID	AMICO Identifier	Catalog	*	*	N	
ALY	AMICO Library Year	Catalog			N	
AVD	AMICO-Validated-Date	Catalog		*	N	
AVV	Validation-Dictionary-Version	Catalog		*	N	
CAD	Creator-Active-Date	Catalog			N	CRG
CAP	Creator-Active-Place	Catalog			Y	CRG
CBD	Creator-Birth-Date	Catalog			N	CRG
CBP	Creator-Birth-Place	Catalog			N	CRG
CBQ	Creator-Birth-Qualifier	Catalog			N	CRG
CDD	Creator-Death-Date	Catalog			N	CRG
CDP	Creator-Death-Place	Catalog			N	CRG
CDQ	Creator-Death-Qualifier	Catalog			N	CRG
CDT	Creator-Dates/Locations-Text	Catalog			N	CRG
CGN	Creator-Gender	Catalog			N	CRG
CLG	Classification	Catalog			Y	Group
CLS	Classification-Scheme	Catalog			N	CLG
CLT	Classification-Term	Catalog			N	CLG
CNO	Creator-Notes	Catalog			N	CRG
CRB	Creator-Biography	Catalog			N	CRG
CRC	Creator-Culture/Nationality	Catalog		* or CRN	N	CRG
CRG	Creator	Catalog			Y	Group
CRN	Creator-Name	Catalog		*or CRC	N	CRG
CRQ	Creator-Qualifier	Catalog			N	CRG
CRR	Creator-Role	Catalog			Y	CRG
CRT	Creator-Name-Text	Catalog	*	*	N	CRG
CXD	Context-Description	Catalog			N	CXG
CXG	Context	Catalog			Y	Group
CXP	Context-Related-Person	Catalog			Y	CXG
CXS	Context-Related Site/Place	Catalog			Y	CXG
CXT	Context-Time Period/Dates	Catalog			N	CXG
DCB	Documented/Cataloged By	Catalog			N	DCG
DCD	Documented/Cataloged-Date	Catalog			N	DCG
DCG	Documentation/Cataloguing-History	Catalog			Y	Group
DEL	AMICO Deletion Flag	Catalog			N	
MCM	Measurement-Component-Measured	Catalog			N	MEG
MDU	Measurement-Dimension-Units	Catalog			N	MEG
MDV	Measurement-Dimension-Value	Catalog			N	MEG
MED	Measurement-Dimension	Catalog			N	MEG
MEG	Measurements	Catalog			Y	Group
MEQ	Measurement-Qualifier	Catalog			N	MEG
MET	Measurements-Text	Catalog		*	Y	
OCE	Creation-Date-End	Catalog			N	OCG
OCG	Creation-Dates	Catalog			Y	Group
OCH	Condition/Examination History	Catalog			Y	
OCP	Creation-Place	Catalog			Y	
OCQ	Creation-Date-Qualifier	Catalog			N	OCG
OCR	Critical Responses	Catalog			Y	
OCS	Creation-Date-Start	Catalog			N	OCG
OCT	Creation-Date-Text	Catalog	*	*	N	OCG
OEH	Exhibition or Loan History	Catalog			Y	

AMICO Data Specification: Alphabetical List of Fields

TAG	Field Name	Record Type	Required ID?	Core?	Repeat ?	Group?
OEN	Edition	Catalog			Y	
OIN	Inscriptions and/or Marks	Catalog			Y	
OMD	Materials and Techniques-Description	Catalog		*	N	OMG
OMG	Materials and Techniques	Catalog			Y	Group
OMM	Materials and Techniques-Materials-Term	Catalog			Y	OMG
OMS	Materials and Techniques-Support	Catalog			Y	OMG
OMT	Materials and Techniques-Process/Technique-Term	Catalog			Y	OMG
OOA	Owner-Accession-Number	Catalog		*	Y	OOG
OOC	Owner-Credit-Line	Catalog	*	*	Y	OOG
OOG	Owner	Catalog			Y	Group
OON	Owner Name	Catalog	*	*	N	OOG
OOP	Owner-Place	Catalog		*	Y	OOG
OPA	Physical Orientation/ Arrangement	Catalog			N	
OPD	Physical Description	Catalog			N	
OPO	Provenance/Prior Owners-Text	Catalog			Y	
OPP	Object-Parts/Pieces	Catalog			Y	
ORG	Rights/Copyright	Catalog			Y	Group
ORL	Copyright-Link	Catalog		*	N	ORG
ORS	Copyright-Statement	Catalog	*		N	ORG
OST	State	Catalog			Y	
OTG	Object-Title/Name	Catalog	*		Y	Group
OTH	Treatment/Conservation History	Catalog			Y	
OTN	Object-Title-Name	Catalog		*	N	OTG
OTT	Title-Type	Catalog			Y	OTG
OTY	Object-Type	Catalog		*	Y	
RDD	Related-Document-Description	Catalog			N	RDG
RDG	Related Documents	Catalog			Y	Group
RDL	Related-Document-Identifier/Link	Catalog			N	RDG
RDR	Related-Document-Relationship-Type	Catalog			N	RDG
RID	Related-Image-Description	Catalog		*	N	RIG
RIG	Related Images	Catalog		*	Y	Group
RIL	Related-Image-Identifier/Link	Catalog		*	N	RIG
RIP	Related-Image-Preferred	Catalog		*	N	RIG
RIR	Related-Image-Relationship-Type	Catalog		*	N	RIG
RMD	Related-Multimedia-Description	Catalog			N	RMG
RMG	Related Multimedia	Catalog			Y	Group
RML	Related-Multimedia-Identifier/Link	Catalog			N	RMG
RMR	Related-Multimedia-Relationship-Type	Catalog			N	RMG
RWD	Related-Works-Description	Catalog			N	RWG
RWG	Related Works of Art	Catalog			Y	Group
RWL	Related-Works-Identifier/Link	Catalog			N	RWG
RWR	Related-Works-Relationship-Type	Catalog			N	RWG
STD	Style/Period-Description	Catalog			N	STG
STG	Style/Period	Catalog			Y	Group
STT	Style/Period-Terms	Catalog			Y	STG
SUG	Subject Matter	Catalog			Y	Group
SUI	Subject Matter-Iconography	Catalog			Y	SUG
SUP	Subject Matter-PreIconographic Description	Catalog			N	SUG
SUT	Subject Matter-Index Terms	Catalog			Y	SUG
XAM	AMICO.Mode	Media Metadata		*	N	
XCC	DC.Creator.CorporateName	Media Metadata			Y	XCN
XCM	DAMICO.Format.ColorMetric	Media Metadata			N	XFO

AMICO Data Specification: Alphabetical List of Fields

TAG	Field Name	Record Type	Required ID?	Core?	Repeat ?	Group?
XCN	DC.Creator	Media Metadata			Y	Group
XCP	DC.Creator.PersonalName	Media Metadata			Y	XCN
XCR	DC.Creator.Role	Media Metadata			Y	XCN
XDA	DC.Date	Media Metadata			Y	
XDC	DC.Contributor.CorporateName	Media Metadata			Y	XDN
XDE	DC.Description	Media Metadata		*	Y	
XDL	Metadata Delition Flag	Media Metadata			N	
XDN	DC.Contributor	Media Metadata			Y	Group
XDP	DC.Contributor.PersonalName	Media Metadata			Y	XDN
XDR	DC.Contributor.Role	Media Metadata			Y	XDN
XFC	AMICO.Format.Compression	Media Metadata		*	N	XFO
XFD	AMICO.Format.Dimensions	Media Metadata		*	N	XFO
XFE	AMICO.Format.Encoding	Media Metadata		*	N	XFO
XFF	AMICO.Format.FileSize	Media Metadata		*	N	XFO
XFO	DC.Format	Media Metadata			Y	
XFP	AMICO.Format.ColorPalette	Media Metadata			N	XFO
XID	DC.Resource.Identifier	Media Metadata		*	N	
XLY	Metadata Library Year	Media Metadata			N	
XMN	AMICO.Media.Note	Media Metadata			N	
XPR	Metadata Data Processing Note	Media Metadata		*	Y	
XPU	DC.Publisher	Media Metadata		*	N	
XRE	DC.Relation	Media Metadata			Y	Group
XRI	DC.Relation.Identifier	Media Metadata		*	N	XRE
XRS	DC.Rights	Media Metadata		*	Y	
XRT	DC.ResourceType	Media Metadata		*	N	
XRY	DC.Relation.Type	Media Metadata		*	N	XRE
XTI	DC. Title	Media Metadata			Y	
XVD	AMICO Metadata Validation Date	Media Metadata		*	N	
XVV	AMICO Data Dictionary Version	Media Metadata		*	N	

AMICO Data Specification Data Dictionary: Required Fields

Record Type	TAG	AMICO-FIELD	Min. Cite	Core ?	Repeat ?	Group ?	Definition/Guidelines
Catalog	AID	AMICO Identifier	*	*	N		A unique identifier, assigned to a work in the AMICO Library. Comprised of a 4 letter institutional abbreviation, followed by a dot, and then a unique number such as an accession number [DOIs will be investigated in the future]
Catalog	OTY	Object-Type		*	Y		The kind of work of art described; chosen from a short list of terms
Catalog	OTN	Object-Title-Name		*	N	OTG	The title or name of the work
Catalog	MET	Measurements-Text		*	Y		A free text display form of the works measurements.
Catalog	OMD	Materials and Techniques-Description		*	N	OMG	A free text description of the materials and techniques used to create the work of art.
Catalog	CRT	Creator-Name-Text	*	*	N	CRG	Display form (direct order) of Creator Name (and qualifier). If Creator-Name isn't present, display form of Creator Culture Nationality
Catalog	CRN	Creator-Name		* or CRC	N	CRG	Sort Form (inverted, last name first) of Creator name; used in indexing.
Catalog	CRC	Creator-Culture/Nationality		* or CRN	N	CRG	The culture or nationality of the creator who made the work, or to which the creation of the work is attributed.
Catalog	OCT	Creation-Date-Text	*	*	N	OCG	The date on which a work was created, or a range of dates during which it could have been created
Catalog	OON	Owner Name	*	*	N	OOG	The name of the institution or individual who owns the work now [e.g. the AMICO member]. Can repeat if multiple/part owners
Catalog	OOP	Owner-Place		*	Y	OOG	The place where the work is owned.
Catalog	OOA	Owner-Accession-Number		*	Y	OOG	The accession or inventory number assigned to the work by this owner.
Catalog	OOC	Owner-Credit-Line	*	*	Y	OOG	The Credit Line, or any required mention or acknowledgement of the ownership of the work of art.
Catalog	ORL	Copyright-Link		*	N	ORG	A URL that links to the AMICO member, indicating where and how a user can acquire further information or rights to use the work.
Catalog	RIG	Related Images		*	Y	Group	Does not contain data; groups fields documenting related images. All AMICO works must have at least one related image.
Catalog	RIP	Related-Image-Preferred		*	N	RIG	Indicates [yes/no] whether this is the preferred image of the work of art. Each work must have one preferred image, that will be used in lists and brief displays.
Catalog	RID	Related-Image-Description		*	N	RIG	The view of the work shown in this image: full, detail, recto, verso, 360 degrees, etc.; Note: Maps to XDE in Multimedia Metadata Record
Catalog	RIR	Related-Image-Relationship-Type		*	N	RIG	The relation between this work and the image, using values from the Dublin Core Relationship Types. If original work is analog, and the image is digital, this value will be "HasFormat". If the original work is digital and the image is digital, this value is "HasVersion".
Catalog	RIL	Related-Image-Identifier/Link		*	N	RIG	The identifier of the related image' Note: maps to XID in Multimedia Metadata Record

AMICO Data Specification: Required Fields

Record Type	TAG	AMICO-FIELD	Min. Cite	Core ?	Repeat ?	Group ?	Definition/Guidelines
Catalog	AVD	AMICO-Validated-Date		*	N		Entered by AMICO. The date the catalog record for a work of art was validated; created by AMICO
Catalog	AVV	Validation-Dictionary-Version		*	N		Entered by AMICO. The version of the AMICO data dictionary in which the work is documented.
Media Metadata	XID	DC.Resource.Identifier		*	N		The identifier of the metadata file. Maps to RIL, RML or RDL in catalog record. Validation ensures conformity to file naming conventions
Media Metadata	XDE	DC.Description		*	Y		A narrative description of the contents of the media file.
Media Metadata	XPU	DC.Publisher		*	N		The name of the institution that made the media file available; I.e. the name of the contributing AMICO member.
Media Metadata	XRT	DC.Resource Type		*	N		A "genre-like" term, characterizing the content of the media file. For example, analytical report; critical review; interview; letter; lecture; portrait; reproduction;
Media Metadata	XAM	AMICO.Mode		*	N		A term indicating the modality in which a person will experience the resource. audio; image; model; multimedia; text; video
Media Metadata	XFE	AMICO.Format .Encoding		*	N	XFO	The manner in which the data in the media file is encoded. E.g. gif; tiff; jfif; ascii
Media Metadata	XFD	AMICO.Format .Dimensions		*	N	XFO	The dimensions of the media file: For an image, the spatial resolution of the image, e.g. 1024 x 768; 640 x 480; etc.
Media Metadata	XFF	AMICO.Format .FileSize		*	N	XFO	The storage size of the media file.
Media Metadata	XFC	AMICO.Format .Compression		*	N	XFO	The compression algorithm used in storing the media file: none; jpeg; mpeg; etc.
Media Metadata	XRY	DC.Relation.Type		*	N	XRE	The kind of relationship, expressed as a Dublin Core Relationship type. Note: this is the inverse of the relation in the record pointed to by the Relation.Identifier.
Media Metadata	XRI	DC.Relation.Identifier		*	N	XRE	The identifier of the related work, image, metadata or sound; If within the AMICO Library, this must conform to naming conventions; warning produced if points outside AMICO dataset.
Media Metadata	XRS	DC.Rights	*	*	Y		Text of rights statement for this media file.
Media Metadata	XVD	AMICO Metadata Validation Date		*	N		Added by AMICO: Date the file was validated
Media Metadata	XVV	AMICO Data Dictionary Version		*	N		Version of the Data Dictionary
Media Metadata	XPR	Metadata Data Processing Note		*	Y		Added by AMICO: Documents data processing routines, errors and additions through parsing routines