

# MDB v5.0 Data Dictionary

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#	Table Name	Field Name	Field Definition	Data Type	Enumerated Value
1	METS	mets_key	Primary Key for the METS table	Large auto counter	NONE
2	METS	alt_record_id	Alternative identifier(s) for the METS document; supplementary to the primary ID stored in the OBJID attribute in the root METS element.	SBCS(255)	NONE
3	METS	alt_record_type	Type of the alternate record identifier, e.g., LCCN, MAVIS, etc.	SBCS(255)	NONE
4	METS	checked_out_by	String indicating if the object is checked out and who the object is checked out to.	SBCS(255)	NONE
5	METS	checked_out_time	Indicates the time the object was checked out.	DateTime	NONE
6	METS	datetime_create	Date and time this object was created. When output to METS (XML), this will be expressed using ISO 8601 syntax; see <a href="http://www.w3.org/TR/NOTE-datetime">http://www.w3.org/TR/NOTE-datetime</a> .	DateTime	NONE
7	METS	datetime_modify	Date and time this object was last modified. When output to METS (XML), this will be expressed using ISO 8601 syntax; see <a href="http://www.w3.org/TR/NOTE-datetime">http://www.w3.org/TR/NOTE-datetime</a> .	DateTime	NONE
8	METS	generated	Value of the field indicates whether or not the object has been generated.	SBCS(255)	NONE
9	METS	label	Title/text string identifying the object for users, typically the title from the descriptive metadata for the object as a whole.	SBCS(255)	NONE
10	METS	mets_object_id	METS Object Identifier, e.g., the object's persistent identifier (URN, handle, etc.).	SBCS(255)	NONE
11	METS	mets_type	General type of digital object, expressed at a high level. Terminology has not been established. The LC Audio-Visual Project will use the following on a provisional basis: digital object, audio; digital object, audio and images; digital object, text; digital object, images of text; digital object, pictorial still images; digital object, video; digital object, geospatial data; digital object, geospatial image; etc.	Suggested Enumerated Type	Sound Recording Manuscript Materials Photograph
12	METS	profile	The registered profile to which this METS document conforms (if any). METS registry information is available from the Library of Congress at <a href="http://www.loc.gov/mets">http://www.loc.gov/mets</a> .	SBCS(255)	NONE
13	METS	presentation_profile	Pointer to a METS object with a script or program that presents (renders, displays) this object.	SBCS(255)	NONE
14	METS	record_status	String indicating the status of this METS document, for local administrative purposes.	SBCS(255)	NONE
15	BEHAVIOR	behavior_key	Primary Key for the BEHAVIOR table	Large auto counter	NONE
16	BEHAVIOR	behavior_type	A behavior type identifier for a given set of related behaviors.	SBCS(255)	NONE
17	BEHAVIOR	datetime_create	Date this behavior section of the METS object was created.	DateTime	NONE
18	BEHAVIOR	group_id	An identifier that establishes a correspondence between this behavior section and other behavior sections. Typically, this will be used to facilitate versioning of behavior sections.	SBCS(255)	NONE
19	BEHAVIOR	interface_definition	The interface definition element contains a pointer an abstract definition of a set of related behaviors. These abstract behaviors can be associated with the content of a METS object.	SBCS(255)	NONE
20	BEHAVIOR	label	A description of the type of behaviors this section represents.	SBCS(255)	NONE
21	BEHAVIOR	mechanism	A mechanism element contains a pointer to an executable code module that implements a set of behaviors defined by an interface definition.	SBCS(255)	NONE

22	BEHAVIOR	struct_id	IDREFS to structMap sections or divs within a structMap in the METS document. The content that the struct_id attribute points to is considered "input" to the behavior mechanism (executable) defined for the BEHAVIOR table.	SBCS(255)	NONE
23	AGENT	agent_key	Primary Key for the AGENT table	Large auto counter	NONE
24	AGENT	mets_key	Foreign Key pointer to the METS table	Large signed number	NONE
25	AGENT	agent_type	Type of person or organization responsible for the preservation of the object.	Enumerated Type	INDIVIDUAL ORGANIZATION OTHER
26	AGENT	name	Person or organization acting as an agent with a responsibility for this METS object, as additionally characterized in agent_role. The Library of Congress has not determined the syntax or system for the identification of LC content agents; the enumerated list for the LC Audio-Visual Project represents the interim use of the identification system associated with the LC handle server. For example, loc.mbrsrs, loc.mbrsmi, loc.afc, loc.pnp, loc.music, etc.	Suggested Enumerated Type	loc.afc loc.mbrsrs
27	AGENT	note	Note about the agent for this METS object	SBCS(2000)	NONE
28	AGENT	other_role	Secondary role played by the agent for this METS object, e.g., custodian, digitizer, etc.	SBCS(255)	NONE
29	AGENT	other_type	A string indicating an alternative type when the type attribute value is set to "OTHER".	SBCS(255)	NONE
30	AGENT	role	Primary role played by the agent for this METS object, e.g., custodian, digitizer, etc.	Enumerated Type	ARCHIVIST CUSTODIAN DISSEMINATOR EDITOR IOWNER PRESERVATION OTHER
31	STRUCTMAP	structmap_key	Primary Key for the STRUCTMAP table	Large auto counter	NONE
32	STRUCTMAP	allfilesmd_key	Foreign Key pointer to the ALLFILESMD table	Large signed number	NONE
33	STRUCTMAP	behavior_key	Foreign Key pointer to the BEHAVIOR table	Large signed number	NONE
34	STRUCTMAP	mets_key	Foreign Key pointer to the METS table	Large signed number	NONE
35	STRUCTMAP	area_begin_end_type	The datatypes used in specifying the area_begin_value and area_end_value in an area of a referenced file.	Enumerated Type	Byte IDREF SMIL Midi SMPTE_25 SMPTE_24 SMPTE_DF30 SMPTE_NDF30 SMPTE_DF29_97 SMPTE_NDF29_97 Time
36	STRUCTMAP	area_begin_value	A beginning location in an area in a referenced file. Stores the appropriate value based on "area_begin_end_type," e.g., 12:23:21.04 for SMPTE, 2304 for byte, etc.	SBCS(255)	NONE

37	STRUCTMAP	area_coordinates	A text string representing a set of visual coordinates within an image formatted as for HTML 4.0, e.g., "25,25,76,77" for rectangle (x1,y1,x2,y2 format), "12,23,07" for circle (where "12,23" is the center and 7 the radius).	SBCS(255)	NONE
38	STRUCTMAP	area_end_value	An ending location in an area in a referenced file. Stores the appropriate value based on "area_begin_end_type," e.g., 12:23:21.04 for SMPTE timecode, 2304 for byte, etc.	SBCS(255)	NONE
39	STRUCTMAP	area_extent_type	The syntax used in specifying the extent (byte length or SMPTE timecode) in an area of a referenced file.	Enumerated Type	Byte IDREF SMIL Midi SMPTE_25 SMPTE_24 SMPTE_DF30 SMPTE_NDF30 SMPTE_DF29_97 SMPTE_NDF29_97 Time
40	STRUCTMAP	area_extent_value	The duration of the segment in an area of a referenced file, e.g., 12:23:21.04 for SMPTE timecode, 2304 for byte, etc.	SBCS(255)	NONE
41	STRUCTMAP	area_shape	A text string defining the shape of a two-dimensional area being referenced in an essence file.	SBCS(255)	NONE
42	STRUCTMAP	div_type	Type of division.	SBCS(255)	NONE
43	STRUCTMAP	label	Label for display to end users that includes three elements: (1) general type of entity represented by this sub-object, e.g., "Chapter," "Page," or "Cut;" (2) repeat of order_label, if any, appended to (1) and followed by a period (punctuation); and (3) the feature label, if any. Feature labels identify special aspects of the sub-object, e.g., "Table of contents," "Libretto," "Index," or "Editorial page." Examples of complete labels include "Page ii. Table of contents," "Page 14. List of illustrations," "Letter enclosure. Diagram," and "Sleeve, back. Session locations and dates."	SBCS(255)	NONE
44	STRUCTMAP	relationship_group	Identifier linking the attached file to the other files when there is a relationship_type. If there is no relationship_type, this field should be left blank.	SBCS(255)	NONE
45	STRUCTMAP	relationship_type	Indicates the relationship of the file attached to the level, i.e. par, seq, or both. If the file is not in parallel or sequence with other files, this field should be left blank.	SBCS(255)	NONE
46	STRUCTMAP	sequence	Integer that represents the position of this sub-object among its siblings, e.g., if this <div> is for the fourth page image in a set of pages, the value for this field is "4."	Large signed number	NONE
47	STRUCTMAP	sequence_label	Label that presents an ordinal aspect of the sub-object, e.g., the page or chapter number, or some other term that serves a parallel need. The use of this field is intended to be very flexible.	SBCS(255)	NONE
48	STRUCTMAP	parent	The structmap_key for the parent of this <div>. Typically, there will be a set of sibling <divs> that share one parent, e.g., a group of book page images that are the children of a chapter.	Large signed number	NONE

49	MPTR	mptr_key	Primary Key for the MPTR table	Large auto counter	NONE
50	MPTR	structmap_key	Foreign Key pointer to the STRUCTMAP table	Large signed number	NONE
51	MPTR	label	A label that identifies the metadata being pointed to.	SBCS(255)	NONE
52	MPTR	location_type	The type of location if from a defined category, e.g., URL, URN, PURL, handle, other, etc.	Enumerated Type	URN URL PURL HANDLE DOI OTHER
53	MPTR	mptr_value	Location of a separate METS document that contain the bitstreams (files) and possibly additional metadata for this subobject. A typical instance would be a METS document for a journal run, with a <div> for each issue. The div elements for the issues might point to separate METS documents rather than having files and file groups for every issue encoded in one document. For example, "loc.mbrsrs.lp0001.a259".	SBCS(255)	NONE
54	MPTR	other_location_type	A string indicating an alternative location_type when the location_type attribute value is set to "OTHER".	SBCS(255)	NONE
55	MDREF	mdref_key	Primary Key for the MDREF table	Large auto counter	NONE
56	MDREF	structmap_key	Foreign Key pointer to the STRUCTMAP table	Large signed number	NONE
57	MDREF	internet_media_type	The Internet Media Type (also MIME, or Multipurpose Internet Mail Extensions Type) for the object of the MDREF, e.g., audio/wav, image/jpeg, etc.	SBCS(255)	NONE
58	MDREF	label	A label to display to the viewer of the METS document identifying the metadata, e.g., MARC, MAVIS, etc.	SBCS(255)	NONE
59	MDREF	location_type	The type of location if from a defined category, e.g., URL, URN, PURL, handle, other, etc.	Enumerated Type	URN URL PURL HANDLE DOI OTHER
60	MDREF	mdref_value	Location of the referenced metadata. The MDREF is a generic element used throughout the METS schema to provide a pointer to non-METS metadata that resides outside the METS document. For example, "http://catalog.loc.gov/cgi-bin/Pwebrecon.cgi?DB=local&CMD=lcen+91758335&CNT=25+records+per+screen"	SBCS(255)	NONE
61	MDREF	metadata_type	The type of metadata being pointed at, e.g., MARC, EAD, other, etc.	Enumerated Type	MARC EAD VRA DC NISO_IMG LC_AV LCMBRS_MAVIS TEIHDR DDI FGDC OTHER

62	MDREF	other_location_type	A string indicating an alternative location_type when the location_type attribute value is set to "OTHER".	SBCS(255)	NONE
63	MDREF	other_metadata_type	A string indicating an alternative metadata_type when the metadata_type attribute value is set to "OTHER," e.g., MAVIS, etc.	SBCS(255)	NONE
64	MDREF	xpointer	Pointer to external document, e.g., x-link ver 1.0 W3C recommendation: <a href="http://www.w3.org/TR/2001/REC-xlink-20010626">www.w3.org/TR/2001/REC-xlink-20010626</a> .	SBCS(255)	NONE
65	ALLFILESMD	allfilesmd_key	Primary Key for the ALLFILESMD table	Large auto counter	NONE
66	ALLFILESMD	analog_digi_flag	Indicator of the how this entity is describe in the METS document instance.	Enumerated Type	FileDigital
67	ALLFILESMD	byte_order	The order of bit significance in a byte from left to right; big endian, little endian. 0 = least to most, big endian 1 = most to least, little endian 2 = middle (applies to text files only)	Enumerated Type	0 1 2
68	ALLFILESMD	checksum_datetime	Creation date and time of the checksum. When output to METS (XML), this will be expressed using ISO 8601 syntax; see <a href="http://www.w3.org/TR/NOTE-datetime">http://www.w3.org/TR/NOTE-datetime</a> .	DateTime	NONE
69	ALLFILESMD	checksum_type	Type of checksum algorithm employed, e.g., MD-5, RSA-MD4, HC Checksum algorithm, etc.	SBCS(255)	NONE
70	ALLFILESMD	checksum_value	Checksum value of the file, e.g., 57edf4a22be3c955ac49da2e2107b67a.	SBCS(255)	NONE
71	ALLFILESMD	codec_creator_app	The name of the application used to apply the codec, e.g., SoundForge.	SBCS(255)	NONE
72	ALLFILESMD	codec_creator_app_version	The version of the application used to apply the codec, e.g., 5.2.	Large signed number	NONE
73	ALLFILESMD	codec_name	The name and version (or subtype) of the compression algorithm used, e.g., Fraunhofer xyz ["xyz" is a placeholder for versioning information].	SBCS(255)	NONE
74	ALLFILESMD	codec_quality	Indication whether the codec is lossy or lossless.	Enumerated Type	Lossless Lossy
75	ALLFILESMD	datetime_access	Date and time of file last accessed. When output to METS (XML), this will be expressed using ISO 8601 syntax; see <a href="http://www.w3.org/TR/NOTE-datetime">http://www.w3.org/TR/NOTE-datetime</a> .	DateTime	NONE
76	ALLFILESMD	datetime_create	Date and time of creation for the file. When output to METS (XML), this will be expressed using ISO 8601 syntax; see <a href="http://www.w3.org/TR/NOTE-datetime">http://www.w3.org/TR/NOTE-datetime</a> .	DateTime	NONE
77	ALLFILESMD	datetime_modify	Date and time of file last modified. When output to METS (XML), this will be expressed using ISO 8601 syntax; see <a href="http://www.w3.org/TR/NOTE-datetime">http://www.w3.org/TR/NOTE-datetime</a> .	DateTime	NONE
78	ALLFILESMD	file_locat_other	A string indicating an alternative file_locat_type when the file_locat_type attrinute value is set to "OTHER", e.g., UNIX pathname, WINDOWS file string, local file name.	SBCS(255)	NONE
79	ALLFILESMD	file_locat_type	The type of locator contained in the file_locat_value field, e.g., URN, URL, other, etc.	Enumerated Type	URN URL PURL HANDLE DOI OTHER

80	ALLFILESMD	file_use	The use for this file, generally at display time, as intended by by the creators of this object. The enumerated types listed in a provisional manner are those used by the LC Audio-Visual Project.	Enumerated Type	Master Service Service_High Service_Low Preview
81	ALLFILESMD	filesize	The size of the file in bytes, e.g., 1024.	Large signed number	NONE
82	ALLFILESMD	format_name	The official name for a the file format taken from format documentation, e.g., "Broadcast Wave Format" or "Raw", when there is no formal format.	Enumerated Type	Tagged Image File Format (TIFF) JPEG File Interchange Format (JFIF) WAVE File Format MP3 File Format MPEG2 File Format
83	ALLFILESMD	format_note	A description of application specific information, e.g., for JPEG there is baseline and beyond baseline.	SBCS(2000)	NONE
84	ALLFILESMD	format_version	The version of the audio format specified in formatName, e.g., for formatName = "", format_version = 3.0	Large signed number	NONE
85	ALLFILESMD	group_id	Identifier for a group of files that have been brought together for some reason. In the following, note the use of semicolons to separate examples, which may contain internal commas: Audio Masters; Cuts, Side A; Images, TIFF printing versions; etc.	SBCS(255)	NONE
86	ALLFILESMD	internet_media_type	The Internet Media Type (also MIME, or Multipurpose Internet Mail Extensions Type) for the object of the file_locat, e.g., audio/wav, image/jpeg, etc.	SBCS(255)	NONE
87	ALLFILESMD	owner_id	Identifier assigned to the file by its owner.	SBCS(255)	NONE
88	ALLFILESMD	production_filename	Location of the file during the production stages.	SBCS(255)	NONE
89	ALLFILESMD	retrieval_filename	Permanent location of the file.	SBCS(255)	NONE
90	ALLFILESMD	security	Type of mechanism used to protect the file e.g., password, encryption, hidden, etc.	SBCS(255)	NONE
91	TEXTMD	textmd_key	Primary Key of the TEXTMD table	Large auto counter	NONE
92	TEXTMD	file_key	Foreign Key pointer to the ALLFILESMD table	Large signed number	NONE
93	TEXTMD	charset	Character set employed by the text. Controlled vocab using IANA names for character sets. See <a href="http://www.iana.org/assignments/character-sets">http://www.iana.org/assignments/character-sets</a> for details.	Enumerated Type	See <a href="http://www.iana.org/assignments/character-sets">http://www.iana.org/assignments/character-sets</a> for values.
94	TEXTMD	font_script	The default font or script of the item.	SBCS(255)	NONE
95	TEXTMD	language	Language(s) used in work. Use ISO 639-2 codes.	Enumerated Type	Use ISO 639-2 codes.
96	TEXTMD	linebreak	How line breaks are represented in current file (which may differ from how they were originally encoded). Either carriage return, or carriage return/line feed.	Enumerated Type	CR CR/LF
97	TEXTMD	markup_basis	The metalanguage used to create the markup language, that is, SGML, XML, GML, other.	SBCS(255)	NONE
98	TEXTMD	markup_basis_version	Version of the metalanguage used.	SBCS(255)	NONE
99	TEXTMD	note	Any general note on material not covered elsewhere.	SBCS(255)	NONE

100	TEXTMD	printing_requirements	Any special requirements for printing the item.	SBCS(255)	NONE
101	TEXTMD	viewing_requirements	Any special hardware or software requirements for viewing the item.	SBCS(255)	NONE
102	IMAGEMD	imagemd_key	Primary Key of the IMAGEMD table	Large auto counter	NONE
103	IMAGEMD	file_key	Foreign Key pointer to the ALLFILESMD table	Large signed number	NONE
104	IMAGEMD	bits_per_sample	Bit depth at each pixel, e.g., 8, 16, 24, etc.	Large signed number	NONE
105	IMAGEMD	chromaticities_primary_blue_x	This specifies the Blue [x] value for the chromaticities of the primary colors of the imaging process. Note: These values specify the 1931 CIE xy chromaticities of the capture primaries. The ordering is red [x], red [y], green[x], green[y],blue[x],blue[y].	SBCS(255)	NONE
106	IMAGEMD	chromaticities_primary_blue_y	This specifies the Blue [y] value for the chromaticities of the primary colors of the imaging process. Note: These values specify the 1931 CIE xy chromaticities of the capture primaries. The ordering is red [x], red [y], green[x], green[y],blue[x],blue[y].	SBCS(255)	NONE
107	IMAGEMD	chromaticities_primary_green_x	This specifies the Green [x] value for the chromaticities of the primary colors of the imaging process. Note: These values specify the 1931 CIE xy chromaticities of the capture primaries. The ordering is red [x], red [y], green[x], green[y],blue[x],blue[y].	SBCS(255)	NONE
108	IMAGEMD	chromaticities_primary_green_y	This specifies the Green [y] value for the chromaticities of the primary colors of the imaging process. Note: These values specify the 1931 CIE xy chromaticities of the capture primaries. The ordering is red [x], red [y], green[x], green[y],blue[x],blue[y].	SBCS(255)	NONE
109	IMAGEMD	chromaticities_primary_red_x	This specifies the Red [x] value for the chromaticities of the primary colors of the imaging process. Note: These values specify the 1931 CIE xy chromaticities of the capture primaries. The ordering is red [x], red [y], green[x], green[y],blue[x],blue[y].	SBCS(255)	NONE
110	IMAGEMD	chromaticities_primary_red_y	This specifies the Red [y] value for the chromaticities of the primary colors of the imaging process. Note: These values specify the 1931 CIE xy chromaticities of the capture primaries. The ordering is red [x], red [y], green[x], green[y],blue[x],blue[y].	SBCS(255)	NONE
111	IMAGEMD	chromaticities_white_point_x	The X value for the white point chromaticity of the effective illumination source of the capture process. Notes: These values specify the 1931 CIE xy chromaticities of the effective illumination (i.e., filter/light source combination) at capture. They do not have any relation to location or directional coordinates. For more information about the 1931 CIE standard colorimetric observer, see <a href="http://www.color.org/profile.html">http://www.color.org/profile.html</a> .	SBCS(255)	NONE
112	IMAGEMD	chromaticities_white_point_y	The Y value for the white point chromaticity of the effective illumination source of the capture process. Notes: These values specify the 1931 CIE xy chromaticities of the effective illumination (i.e., filter/light source combination) at capture. They do not have any relation to location or directional coordinates. For more information about the 1931 CIE standard colorimetric observer, see <a href="http://www.color.org/profile.html">http://www.color.org/profile.html</a> .	SBCS(255)	NONE
113	IMAGEMD	color_map_bitcode_value	Color lookup table for non-RGB images.	SBCS(255)	NONE
114	IMAGEMD	color_map_blue_value	This field provides the Blue Value within a particular RGB triplet of the Colormap (often called a lookup table) for palette-color images. Particular triplet is reference in colormap_bitcode_value. Possible values are 0-255. Note: There is no Colormap in RGB images.	SBCS(255)	NONE
115	IMAGEMD	color_map_green_value	This field provides the Green Value within a particular RGB triplet of the Colormap (often called a lookup table) for palette-color images. Particular triplet is reference in colormap_bitcode_value. Possible values are 0-255. Note: There is no Colormap in RGB images.	SBCS(255)	NONE

116	IMAGEMD	color_map_location	The location of the color map, e.g., image file, auxiliary file, associated file, metadata.	Enumerated Type	Image_File Auxiliary_File Associated_File Metadata
117	IMAGEMD	color_map_red_value	This field provides the Red Value within a particular RGB triplet of the Colormap (often called a lookup table) for palette-color images. Particular triplet is reference in colormap_bitcode_value. Possible values are 0-255. Note: There is no Colormap in RGB images.	SBCS(255)	NONE
118	IMAGEMD	compression_level	Designates the level of compression used in compression_scheme.	Large signed number	NONE
119	IMAGEMD	compression_scheme	Designates the compression scheme used to store the image data. Values above are drawn from TIFF 6.0 specification though institutions are encouraged to devise a local enumerated list to allow for the addition of new values as technology changes. This data element allows for the designation of subelements in order to record the level of compression applied. See compression_level.	Enumerated Type	1 2 3 4 5 6 7
120	IMAGEMD	extra_samples	Specifies that each pixel has extra components.	Enumerated Type	Yes No
121	IMAGEMD	gray_response_loc	The location of the gray response curve values, e.g., image file, auxiliary file, associated file, metadata.	Enumerated Type	Image_File Auxiliary_File Associated_File Metadata
122	IMAGEMD	gray_response_unit	Unit of measure of gray response curve values.	SBCS(255)	NONE
123	IMAGEMD	gray_response_value	Gray response curve values, used when a response curve is generated at the start of a capture session.	Large signed number	NONE
124	IMAGEMD	image_data	Temporary location of the target file if not contained within the image file (external) e.g. URN, URL, etc. See also target_id and target_type. (NISO-image terminology)	SBCS(255)	NONE
125	IMAGEMD	image_identifier	A persistent identifier required at prime object level, optional at all other levels. This identifier must be unique within the local system.	SBCS(255)	NONE
126	IMAGEMD	image_identifier_location	A location qualifier to be used in conjunction with image_identifier. Persistent identifier required at prime object level, optional at all other levels. This identifier must be unique within the local system. To facilitate file sharing or interoperability with other systems, image_identifier_location may be added to designate the system or application within which the identifier is unique.	SBCS(255)	NONE
127	IMAGEMD	note	Additional information or comments about the image object.	SBCS(255)	NONE
128	IMAGEMD	orientation_disk	Orientation of the image saved on disk, e.g., normal, normal rotated 180°, normal rotated cw 90°, etc.D164.	Enumerated Type	Normal Normal_Rotated_180 Normal_Rotated_CW_90 Normal_Rotated_CCW_90 Unknown
129	IMAGEMD	orientation_display	Orientation of the image as displayed, e.g., landscape or portrait.	Enumerated Type	Landscape Portrait

130	IMAGEMD	photometric_interp	Designates the color space of the decompressed image data as defined in the NISO image data dictionary. 0 = White Is Zero, bitonal (typical) or grayscale 1 = Black Is Zero, grayscale (typical) or bitonal 2 = RGB 3 = Palette color 4 = Transparency Mask 5 = CMYK 6 = YC <sub>b</sub> C <sub>r</sub> 8 = CIE Lab	Enumerated Type	0 1 2 3 4 5 6 8
131	IMAGEMD	pixels_horizontal	Horizontal dimension of image in pixels, e.g., 1024.	Large signed number	NONE
132	IMAGEMD	pixels_vertical	Vertical dimension of image in pixels, e.g., 768, called ImageLength in the NISO image data dictionary.	Large signed number	NONE
133	IMAGEMD	planar	Designates how the components of each pixel are stored. 1 = Chunky Format 2 = Planar Format	Enumerated Type	1 2
134	IMAGEMD	preferred_presentation	Designation of the device, application, medium, viewing environment (or any combination thereof) to render the image data. For image data that can be defined to have a best representation," use this free-text field to recommend the target" device, application, medium, viewing environment (or combination thereof) presumed or proven to be meaningful to image quality. This will be especially important as viewing devices other than the conventional 3:2 monitor become popular. Calculation and automated optimal display from one display Aspect Ratio to another will be possible with the information from 2.2.5 DisplayOrientation and the host of measurements supported within this standard. The Library of Congress's presentation_profile specifies the program (or equivalent) used to manage the presentation of this primary or intermediate object for users." Standard: ISO/DIS 3664 Viewing conditions for graphic technology and photography.	SBCS(255)	NONE
135	IMAGEMD	profile_name	Designates the well-defined name of the ICC profile used. If ICC profile used is a well-known and well-documented profile, record the information in this data element. If not, record the location of where the profile can be found in profile_url.	SBCS(255)	NONE
136	IMAGEMD	profile_url	Designates the URL/URN where the ICC profile is located. If ICC profile used is a well-known and well-documented profile, record the information in profile_name. If not, record the location of where the profile can be found in this data element.	SBCS(255)	NONE
137	IMAGEMD	profiles	Identifies the path of the file that contains the ICC color profile or other image management profiles, e.g. filename, URL, URN. Notes: Each target shall be represented by its own logical metadata block.	SBCS(255)	NONE
138	IMAGEMD	reference_black_whtie	Encodes a pair of headroom and footroom image data values for each pixel component. This tag is mandatory when PhotometricInterpretation = 6 (YCbCr), and there are no defaults allowed. See TIFF Section 21 YCbCr Images and ISO/TC42N 4378 TIFF/EP standard, Section 5 - TIFF/EP Tag definitions for values and additional information regarding TIFF YcbCr (Class Y) images.	Enumerated Type	fromTiffSection21
139	IMAGEMD	samples_per_pixel	The number of color components (samples) per pixel, e.g., 3 (RGB) , 4 (CYMK), etc.	Large signed number	NONE
140	IMAGEMD	sampling_freq_unit	Unit of measure for horizontal and vertical sampling frequency, e.g., inches, centimeters, or unknown.	Enumerated Type	Inches Centimeters Unknown
141	IMAGEMD	sampling_frequency_horizontal	Number of pixels per sampling frequency unit by width.	Large signed number	NONE
142	IMAGEMD	sampling_frequency_plane	Reference plane location for horizontal and vertical sampling frequency.	SBCS(255)	NONE

143	IMAGEMD	sampling_frequency_vertical	Number of pixels per sampling frequency unit by height.	Large signed number	NONE
144	IMAGEMD	segment_form	Specifies whether the image is stored in tiles or strips.	Enumerated Type	Strips Tiles
145	IMAGEMD	strip_byte_counts	Number of image data bytes stored within each strip after compression.	Large signed number	NONE
146	IMAGEMD	strip_offsets	Byte offset of a strip.	Large signed number	NONE
147	IMAGEMD	strip_rows	Number of rows per strip.	Large signed number	NONE
148	IMAGEMD	target_id	Calibration target name, manufacturer, version, etc. See also image_data and target_type. (NISO-image terminology)	SBCS(255)	NONE
149	IMAGEMD	target_id_manufacturer	Identifies the manufacturer or organization that created the target. Notes: Each target shall be represented by its own logical metadata block.	SBCS(255)	NONE
150	IMAGEMD	target_id_media	Identifies the media of the target. Notes: Each target shall be represented by its own logical metadata block.	SBCS(255)	NONE
151	IMAGEMD	target_id_name	Identifies the name of the target. Notes: Each target shall be represented by its own logical metadata block.	SBCS(255)	NONE
152	IMAGEMD	target_id_no	Identifies the version or number of the target. Notes: Each target shall be represented by its own logical metadata block.	SBCS(255)	NONE
153	IMAGEMD	target_type	Conveys whether the target image is internal to the image file or external. See also image_data and target_id. (NISO-image terminology)	SBCS(255)	NONE
154	IMAGEMD	tile_byte_counts	Number of image data bytes stored within each tile after compression.	Large signed number	NONE
155	IMAGEMD	tile_height	Tile height in pixels, called TileLength in the NISO image data dictionary.	Large signed number	NONE
156	IMAGEMD	tile_offsets	Byte offset of a tile.	Large signed number	NONE
157	IMAGEMD	tile_width	Tile width in pixels.	Large signed number	NONE
158	IMAGEMD	watermark	Type of watermark used in the file, e.g., Digimarc, Giovanni, Alpha-Tec, StirMark, etc.	SBCS(255)	NONE
159	IMAGEMD	x_targeted_displayar	Unit of X orientation.	Large signed number	NONE
160	IMAGEMD	y_targeted_displayar	Unit of Y orientation.	Large signed number	NONE
161	IMAGEMD	ycbcr_coefficients	Encodes the transformation from RGB to YCbCr image data. It is mandatory when PhotometricInterpretation = 6, and there are no defaults allowed. The transformation is specified as three rational values that represent the coefficients used to compute luminance, Y. See TIFF Section 21 YCbCr Images and ISO/TC42N 4378 TIFF/EP standard, Section 5 - TIFF/EP Tag definitions for values and additional information regarding TIFF YcbCr (Class Y) images.	Enumerated Type	fromTiffSection21
162	IMAGEMD	ycbcr_positioning	Designates the positions of subsampled chrominance components relative to luminance samples. This tag is mandatory when PhotometricInterpretation = 6, and the value shall equal 2. See TIFF Section 21 YCbCr Images and ISO/TC42N 4378 TIFF/EP standard, Section 5 - TIFF/EP Tag definitions for additional information regarding TIFF YcbCr (Class Y) images.	Enumerated Type	fromTiffSection21
163	IMAGEMD	ycbcr_subsampling	Designates the subsampling factors used for the chrominance components of a YCbCr image. It is mandatory when PhotometricInterpretation = 6, and there are no defaults allowed. See TIFF Section 21 YCbCr Images and ISO/TC42N 4378 TIFF/EP standard, Section 5 - TIFF/EP Tag definitions for additional information regarding TIFF YcbCr (Class Y) images.	Enumerated Type	fromTiffSection21

164	AUDIOMD	audiomd_key	Primary Key of the AUDIOMD table	Large auto counter	NONE
165	AUDIOMD	file_key	Foreign Key pointer to the ALLFILESMD table	Large signed number	NONE
166	AUDIOMD	audio_block_size	Size of an audio block in bytes.	Large signed number	NONE
167	AUDIOMD	audio_data_encoding	Structure for audio data; current known types are pulse code modulation (PCM) and SONY's DSD structure.	Suggested Enumerated Type	PCM
168	AUDIOMD	bits_per_sample	Number of bits per audio sample, e.g., 16, 20, 24, etc.	Large signed number	NONE
169	AUDIOMD	calibration_ext_int	Indicator that the calibration information is contained within the file or externally.	SBCS(255)	NONE
170	AUDIOMD	calibration_location	Temporary location of the calibration file if it is external, e.g. URL.	SBCS(255)	NONE
171	AUDIOMD	calibration_type	Type of calibration, e.g., the ITU test sequences known as CCITT 0.33.00 (mono) and CCITT 0.33.01 (stereo).	SBCS(255)	NONE
172	AUDIOMD	data_rate	Data rate of the audio in an MP3 or other compressed file, expressed in kbps, e.g., 64, 128, 256, etc.	Large signed number	NONE
173	AUDIOMD	data_rate_mode	Indicator whether the data rate is fixed or variable.	Enumerated Type	Fixed Variable
174	AUDIOMD	duration	Elapsed time of the entire file, expressed using ISO 8601 syntax; see <a href="http://www.w3.org/TR/NOTE-datetime">http://www.w3.org/TR/NOTE-datetime</a> .	SBCS(255)	NONE
175	AUDIOMD	first_sample_offset	Location of the first valid sound byte in the file.	Large signed number	NONE
176	AUDIOMD	first_valid_byte_block	Location of the first valid sound byte in the block.	Large signed number	NONE
177	AUDIOMD	last_valid_byte_block	Location of the last valid sound byte in the block.	Large signed number	NONE
178	AUDIOMD	note	Additional information or comments about the audio file.	SBCS(2000)	NONE
179	AUDIOMD	num_channels	Number of audio channels, e.g., 1, 2, 4, 5, etc. See also sound_channel_map.	Large signed number	NONE
180	AUDIOMD	sampling_frequency	Rate at which the audio was sampled, expressed in kHz, e.g., 22, 44.1, 48, 96, etc.	Large signed number	NONE
181	AUDIOMD	sound_channel_map	Information about the channel configuration, e.g., mapping the audio channel to their intended aural position/loudspeakers. The values represent parseable compound metadata using commas as separators, e.g., 1=left_front, 2=right_front, 3=center, 4=left_rear, 5=right_rear; or 1=French_narration, 2=Spanish_narration, 3=English_narration, 4=synch_sound, 5=music.	Suggested Enumerated Type	0=left, 1=right 0=center
182	AUDIOMD	sound_field	Indicates aural space arrangement of the sound recording, e.g., monaural, stereo, joint stereo, surround sound DTS 5.1, etc. MAVIS codes exist.	Suggested Enumerated Type	mono stereo
183	AUDIOMD	word_size	Number of bytes that comprise a single sample of audio data, which generally maps to bits_per_sample. Files with a bit depth of 24 will usually be expressed as a 3-byte word_size; however, some applications may store 24-bit audio in a 4-byte word.	Large signed number	NONE

184	VIDEOMD	videomd_key	Primary Key of the VIDEOMD table	Large auto counter	NONE
185	VIDEOMD	file_key	Foreign Key pointer to the ALLFILESMD table	Large signed number	NONE
186	VIDEOMD	aspect_ratio	The desired aspect ratio of the image on screen, e.g., 4:3, etc. Some files produced for display on non-square-pixel monitors have a desired aspect ratio that differs from the ratio of horizontal to vertical pixels.	SBCS(255)	NONE
187	VIDEOMD	bits_per_sample	The number of bits of sample depth, e.g., 8, 24, etc.	Large signed number	NONE
188	VIDEOMD	calibration_ext_int	Indicator that the calibration information is contained within the file or externally.	SBCS(255)	NONE
189	VIDEOMD	calibration_location	Temporary location of the calibration file if it is external e.g. URL	SBCS(255)	NONE
190	VIDEOMD	calibration_type	Type of calibration used.	SBCS(255)	NONE
191	VIDEOMD	data_rate	Data rate of the audio in an MPEG or other compressed file expressed in mbps, e.g., 8, 12, 15, etc.	Large signed number	NONE
192	VIDEOMD	data_rate_mode	Indicator that the data rate of the video is fixed or variable.	Enumerated Type	Fixed Variable
193	VIDEOMD	duration	Elapsed time of the entire file, expressed using ISO 8601 syntax; see <a href="http://www.w3.org/TR/NOTE-datetime">http://www.w3.org/TR/NOTE-datetime</a> .	SBCS(255)	NONE
194	VIDEOMD	frame_rate	The number of frames per second at which the video source item was digitized.	Large signed number	NONE
195	VIDEOMD	note	Additional information or comments about the video file.	SBCS(2000)	NONE
196	VIDEOMD	pixels_horizontal	The horizontal size of a frame in picture elements.	Large signed number	NONE
197	VIDEOMD	pixels_vertical	The vertical size of a frame in picture elements.	Large signed number	NONE
198	VIDEOMD	resolution	Resolution of digital video source item expressed as horizontal lines.	SBCS(255)	NONE
199	VIDEOMD	sampling	The video sampling format (in terms of luminance and chrominance), e.g., 4:2:0, 4:2:2, 2:4:4, etc.	SBCS(255)	NONE
200	VIDEOMD	scan	Indication whether digital video item is scanned in an interlaced or progressive mode.	Enumerated Type	Interlaced Progressive
201	VIDEOMD	sound	Indicator of the presence of sound in the video file. If the value "yes" is selected, then the video file will also be associated with an instance of audioMD (audio metadata).	Enumerated Type	Yes No
202	MODS	mods_key	Primary Key of the MODS table	Large auto counter	NONE
203	MODS	structmap_key	Foreign key pointer to the STRUCTMAP table	Large signed number	NONE
204	MODS	display_order	The order in which to display the items to the user.	Large signed number	NONE
205	MODS	field_name	Name of the field (MODS Element or Attribute) represented by this record.	SBCS(255)	Determined by the MODS Schema.
206	MODS	field_value	Value for the data element named in "field_name".	SBCS(2000)	NONE
207	MODS	parent	The mods_key for the parent of the field in field_name.	Large signed number	
208	MODS	sequence	The order of the field under the parent.	Large signed number	NONE

209	TEXTSRC	textsrc_key	Primary Key of the TEXTSRC table	Large auto counter	NONE
210	TEXTSRC	structmap_key	Foreign Key pointer to the STRUCTMAP table	Large signed number	NONE
211	TEXTSRC	charset	Character set employed by the text. Controlled vocab using IANA names for character sets. See <a href="http://www.iana.org/assignments/character-sets">http://www.iana.org/assignments/character-sets</a> for details.	Enumerated Type	See <a href="http://www.iana.org/assignments/character-sets">http://www.iana.org/assignments/character-sets</a> for values.
212	TEXTSRC	font_script	The default font or script of the item.	SBCS(255)	NONE
213	TEXTSRC	language	Language(s) used in work. Use ISO 639-2 codes.	Enumerated Type	Use ISO 639-2 codes.
214	TEXTSRC	linebreak	How line breaks are represented in current file (which may differ from how they were originally encoded). Either carriage return, or carriage return/line feed.	Enumerated Type	CR CR/LF
215	TEXTSRC	markup_basis	The metalanguage used to create the markup language, that is, SGML, XML, GML, other.	SBCS(255)	NONE
216	TEXTSRC	markup_basis_version	Version of the metalanguage used.	SBCS(255)	NONE
217	TEXTSRC	note	Any general note on material not covered elsewhere.	SBCS(255)	NONE
218	TEXTSRC	printing_requirements	Any special requirements for printing the item.	SBCS(255)	NONE
219	TEXTSRC	viewing_requirements	Any special hardware or software requirements for viewing the item.	SBCS(255)	NONE
220	IMAGESRC	imagesrc_key	Primary Key of the IMAGESRC table	Large auto counter	NONE
221	IMAGESRC	structmap_key	Foreign Key pointer to the STRUCTMAP table	Large signed number	NONE
222	IMAGESRC	analog_digi_flag	Indicator of the how this entity is describe in the METS document instance.	Enumerated Type	Analog PhysDigital FileDigital
223	IMAGESRC	bits_per_sample	Bit depth at each pixel, e.g., 8, 16, 24, etc.	Large signed number	NONE
224	IMAGESRC	chromaticities_primary	Chromaticities of the primary colors of the image.	SBCS(255)	NONE
225	IMAGESRC	chromaticities_primary_blue_x	This specifies the Blue [x] value for the chromaticities of the primary colors of the imaging process. Note: These values specify the 1931 CIE xy chromaticities of the capture primaries. The ordering is red [x], red [y], green[x], green[y],blue[x],blue[y].	SBCS(255)	NONE
226	IMAGESRC	chromaticities_primary_blue_y	This specifies the Blue [y] value for the chromaticities of the primary colors of the imaging process. Note: These values specify the 1931 CIE xy chromaticities of the capture primaries. The ordering is red [x], red [y], green[x], green[y],blue[x],blue[y].	SBCS(255)	NONE
227	IMAGESRC	chromaticities_primary_green_x	This specifies the Green [x] value for the chromaticities of the primary colors of the imaging process. Note: These values specify the 1931 CIE xy chromaticities of the capture primaries. The ordering is red [x], red [y], green[x], green[y],blue[x],blue[y].	SBCS(255)	NONE
228	IMAGESRC	chromaticities_primary_green_y	This specifies the Green [y] value for the chromaticities of the primary colors of the imaging process. Note: These values specify the 1931 CIE xy chromaticities of the capture primaries. The ordering is red [x], red [y], green[x], green[y],blue[x],blue[y].	SBCS(255)	NONE

229	IMAGESRC	chromaticities_primary_red_x	This specifies the Red [x] value for the chromaticities of the primary colors of the imaging process. Note: These values specify the 1931 CIE xy chromaticities of the capture primaries. The ordering is red [x], red [y], green[x], green[y],blue[x],blue[y].	SBCS(255)	NONE
230	IMAGESRC	chromaticities_primary_red_y	This specifies the Red [y] value for the chromaticities of the primary colors of the imaging process. Note: These values specify the 1931 CIE xy chromaticities of the capture primaries. The ordering is red [x], red [y], green[x], green[y],blue[x],blue[y].	SBCS(255)	NONE
231	IMAGESRC	chromaticities_white_point	White point chromaticity of the effective illumination source.	SBCS(255)	NONE
232	IMAGESRC	chromaticities_white_point_x	The X value for the white point chromaticity of the effective illumination source of the capture process. Notes: These values specify the 1931 CIE xy chromaticities of the effective illumination (i.e., filter/light source combination) at capture. They do not have any relation to location or directional coordinates. For more information about the 1931 CIE standard colorimetric observer, see <a href="http://www.color.org/profile.html">http://www.color.org/profile.html</a> .	SBCS(255)	NONE
233	IMAGESRC	chromaticities_white_point_y	The Y value for the white point chromaticity of the effective illumination source of the capture process. Notes: These values specify the 1931 CIE xy chromaticities of the effective illumination (i.e., filter/light source combination) at capture. They do not have any relation to location or directional coordinates. For more information about the 1931 CIE standard colorimetric observer, see <a href="http://www.color.org/profile.html">http://www.color.org/profile.html</a> .	SBCS(255)	NONE
234	IMAGESRC	color_map_bitcode_value	Color lookup table for non-RGB images.	SBCS(255)	NONE
235	IMAGESRC	color_map_blue_value	This field provides the Blue Value within a particular RGB triplet of the Colormap (often called a lookup table) for palette-color images. Particular triplet is reference in colormap_bitcode_value. Possible values are 0-255. Note: There is no Colormap in RGB images.	SBCS(255)	NONE
236	IMAGESRC	color_map_green_value	This field provides the Green Value within a particular RGB triplet of the Colormap (often called a lookup table) for palette-color images. Particular triplet is reference in colormap_bitcode_value. Possible values are 0-255. Note: There is no Colormap in RGB images.	SBCS(255)	NONE
237	IMAGESRC	color_map_location	The location of the color map, e.g., image file, auxiliary file, associated file, metadata.	Enumerated Type	Image_File Auxiliary_File Associated_File Metadata
238	IMAGESRC	color_map_red_value	This field provides the Red Value within a particular RGB triplet of the Colormap (often called a lookup table) for palette-color images. Particular triplet is reference in colormap_bitcode_value. Possible values are 0-255. Note: There is no Colormap in RGB images.	SBCS(255)	
239	IMAGESRC	compression_level	Designates the level of compression used in compression_scheme.	Large signed number	NONE
240	IMAGESRC	compression_scheme	Designates the compression scheme used to store the image data. Values above are drawn from TIFF 6.0 specification though institutions are encouraged to devise a local enumerated list to allow for the addition of new values as technology changes. This data element allows for the designation of subelements in order to record the level of compression applied. See compression_level.	Enumerated Type	1 2 3 4 5 6 7
241	IMAGESRC	condition	Narrative description of the physical condition of the item, e.g., brittle paper, foxing, staining, etc.	SBCS(2000)	NONE

242	IMAGESRC	dimensions_depth	Depth of the object expressed in the unit of measure indicated in dimensions_unit, e.g., 4, 12.	Large signed number	NONE
243	IMAGESRC	dimensions_diameter	Diameter of any circular object expressed in the unit of measure indicated in dimensions_unit, e.g., 3.5, 5, 7.	Large signed number	NONE
244	IMAGESRC	dimensions_height	Height of the object expressed in the unit of measure indicated in dimensions_unit, e.g., 6, 12, 24.	Large signed number	NONE
245	IMAGESRC	dimensions_note	Description of odd-shaped objects that cannot be described using the standard dimensions fields.	SBCS(2000)	NONE
246	IMAGESRC	dimensions_unit	Unit of measurement of the source object, e.g., inches.	SBCS(255)	NONE
247	IMAGESRC	dimensions_x_unit	Unit of measurement of the source object for the x dimension, e.g., inches.	SBCS(255)	NONE
248	IMAGESRC	dimensions_y_unit	Unit of measurement of the source object for the y dimension, e.g., inches.	SBCS(255)	NONE
249	IMAGESRC	dimensions_width	Width of any non-circular object expressed in the unit of measure indicated in dimensions_unit, e.g., 3.5, 5, 7.	Large signed number	NONE
250	IMAGESRC	disposition	What became of the source item, e.g., reshelfed on shelf number 1234, discarded, loaned to XYZ organization, destroyed, etc.	SBCS(2000)	NONE
251	IMAGESRC	extra_samples	Specifies that each pixel has extra components.	Enumerated Type	Yes No
252	IMAGESRC	generation	Generation of physical source item which was digitized, e.g., photostat copy, slide copy, film interpositive from negative, etc.	SBCS(255)	NONE
253	IMAGESRC	gray_response_loc	The location of the gray response curve values, e.g., image file, auxiliary file, associated file, metadata.	Enumerated Type	Image_File Auxiliary_File Associated_File Metadata
254	IMAGESRC	gray_response_unit	Unit of measure of gray response curve values.	SBCS(255)	NONE
255	IMAGESRC	gray_response_value	Gray response curve values, used when a response curve is generated at the start of a capture session.	Large signed number	NONE
256	IMAGESRC	image_data	Temporary location of the target file if not contained within the image file (external) e.g. URN, URL, etc. See also target_id and target_type. (NISO-image terminology)	SBCS(255)	NONE
257	IMAGESRC	image_identifier	A persistent identifier required at prime object level, optional at all other levels. This identifier must be unique within the local system.	SBCS(255)	NONE
258	IMAGESRC	image_identifier_location	A location qualifier to be used in conjunction with image_identifier. Persistent identifier required at prime object level, optional at all other levels. This identifier must be unique within the local system. To facilitate file sharing or interoperability with other systems, image_identifier_location may be added to designate the system or application within which the identifier is unique.	SBCS(255)	NONE
259	IMAGESRC	note	Additional information about the image source item.	SBCS(2000)	NONE

260	IMAGESRC	orientation_disk	Orientation of the image saved on disk, e.g., normal, normal rotated 180°, normal rotated cw 90°, etc.D164.	Enumerated Type	Normal Normal_Rotated_180 Normal_Rotated_CW_90 Normal_Rotated_CCW_90 Unknown
261	IMAGESRC	orientation_display	Orientation of the image as displayed, e.g., landscape or portrait.	Enumerated Type	Landscape Portrait
262	IMAGESRC	photometric_interp	Designates the color space of the decompressed image data as defined in the NISO image data dictionary. 0 = White Is Zero, bitonal (typical) or grayscale 1 = Black Is Zero, grayscale (typical) or bitonal 2 = RGB 3 = Palette color 4 = Transparency Mask 5 = CMYK 6 = YCbCr 8 = CIELab	Enumerated Type	0 1 2 3 4 5 6 8
263	IMAGESRC	phys_format	Name for the physical format of the source e.g., Oil Painting, Photograph, etc.	SBCS(255)	NONE
264	IMAGESRC	pixels_horizontal	Horizontal dimension of image in pixels, e.g., 1024.	Large signed number	NONE
265	IMAGESRC	pixels_vertical	Vertical dimension of image in pixels, e.g., 768, called ImageLength in the NISO image data dictionary.	Large signed number	NONE
266	IMAGESRC	planar	Designates how the components of each pixel are stored. 1 = Chunky Format 2 = Planar Format	Enumerated Type	1 2
267	IMAGESRC	preferred_presentation	Designation of the device, application, medium, viewing environment (or any combination thereof) to render the image data. For image data that can be defined to have a best representation," use this free-text field to recommend the target" device, application, medium, viewing environment (or combination thereof) presumed or proven to be meaningful to image quality. This will be especially important as viewing devices other than the conventional 3:2 monitor become popular. Calculation and automated optimal display from one display Aspect Ratio to another will be possible with the information from 2.2.5 DisplayOrientation and the host of measurements supported within this standard. The Library of Congress's presentation_profile specifies the program (or equivalent) used to manage the presentation of this primary or intermediate object for users." Standard: ISO/DIS 3664 Viewing conditions for graphic technology and photography.	SBCS(255)	NONE
268	IMAGESRC	profile_name	Designates the well-defined name of the ICC profile used. If ICC profile used is a well-known and well-documented profile, record the information in this data element. If not, record the location of where the profile can be found in profile_url.	SBCS(255)	NONE
269	IMAGESRC	profile_url	Designates the URL/URN where the ICC profile is located. If ICC profile used is a well-known and well-documented profile, record the information in profile_name. If not, record the location of where the profile can be found in this data element.	SBCS(255)	NONE
270	IMAGESRC	profiles	Identifies the path of the file that contains the ICC color profile or other image management profiles, e.g. filename, URL, URN. Notes: Each target shall be represented by its own logical metadata block.	SBCS(255)	NONE
271	IMAGESRC	reference_black_whtie	Encodes a pair of headroom and footroom image data values for each pixel component. This tag is mandatory when PhotometricInterpretation = 6 (YCbCr), and there are no defaults allowed. See TIFF Section 21 YCbCr Images and ISO/TC42N 4378 TIFF/EP standard, Section 5 - TIFF/EP Tag definitions for values and additional information regarding TIFF YcbCr (Class Y) images.	Enumerated Type	fromTiffSection21

272	IMAGESRC	samples_per_pixel	The number of color components (samples) per pixel, e.g., 3 (RGB) , 4 (CYMK), etc.	Large signed number	NONE
273	IMAGESRC	sampling_freq_unit	Unit of measure for horizontal and vertical sampling frequency, e.g., inches, centimeters, or unknown.	Enumerated Type	Inches Centimeters Unknown
274	IMAGESRC	sampling_frequency_horizontal	Number of pixels per sampling frequency unit by width.	Large signed number	NONE
275	IMAGESRC	sampling_frequency_plane	Reference plane location for horizontal and vertical sampling frequency.	SBCS(255)	NONE
276	IMAGESRC	sampling_frequency_vertical	Number of pixels per sampling frequency unit by height.	Large signed number	NONE
277	IMAGESRC	segment_form	Specifies whether the image is stored in tiles or strips.	Enumerated Type	Strips Tiles
278	IMAGESRC	strip_byte_counts	Number of image data bytes stored within each strip after compression.	Large signed number	NONE
279	IMAGESRC	strip_offsets	Byte offset of a strip.	Large signed number	NONE
280	IMAGESRC	strip_rows	Number of rows per strip.	Large signed number	NONE
281	IMAGESRC	target_id	Calibration target name, manufacturer, version, etc. See also image_data and target_type. (NISO-image terminology)	SBCS(255)	NONE
282	IMAGESRC	target_id_manufacturer	Identifies the manufacturer or organization that created the target. Notes: Each target shall be represented by its own logical metadata block.	SBCS(255)	NONE
283	IMAGESRC	target_id_media	Identifies the media of the target. Notes: Each target shall be represented by its own logical metadata block.	SBCS(255)	NONE
284	IMAGESRC	target_id_name	Identifies the name of the target. Notes: Each target shall be represented by its own logical metadata block.	SBCS(255)	NONE
285	IMAGESRC	target_id_no	Identifies the version or number of the target. Notes: Each target shall be represented by its own logical metadata block.	SBCS(255)	NONE
286	IMAGESRC	target_type	Conveys whether the target image is internal to the image file or external. See also image_data and target_id. (NISO-image terminology)	SBCS(255)	NONE
287	IMAGESRC	temp_dimensions_note	Temporary field for use in upgrading LC legacy data pertaining to the dimension fields of the legacy SOURCE table.	SBCS(255)	NONE
288	IMAGESRC	tile_byte_counts	Number of image data bytes stored within each tile after compression.	Large signed number	NONE
289	IMAGESRC	tile_height	Tile height in pixels, called TileLength in the NISO image data dictionary.	Large signed number	NONE
290	IMAGESRC	tile_offsets	Byte offset of a tile.	Large signed number	NONE
291	IMAGESRC	tile_width	Tile width in pixels.	Large signed number	NONE
292	IMAGESRC	tracking_type	The type of tracking code, e.g., MAVIS number, actual shelf numbers, bar-code, etc.	SBCS(255)	NONE
293	IMAGESRC	tracking_value	Shelf number or other identifier for source, e.g., MAVIS number, actual shelf numbers, etc.	SBCS(255)	NONE
294	IMAGESRC	watermark	Type of watermark used in the file, e.g., Digimarc, Giovanni, Alpha-Tec, StirMark, etc.	SBCS(255)	NONE
295	IMAGESRC	x_targeted_displayar	Unit of X orientation.	Large signed number	NONE

296	IMAGESRC	y_targeted_displayar	Unit of Y orientation.	Large signed number	NONE
297	IMAGESRC	ycbcr_coefficients	Encodes the transformation from RGB to YCbCr image data. It is mandatory when PhotometricInterpretation = 6, and there are no defaults allowed. The transformation is specified as three rational values that represent the coefficients used to compute luminance, Y. See TIFF Section 21 YCbCr Images and ISO/TC42N 4378 TIFF/EP standard, Section 5 - TIFF/EP Tag definitions for values and additional information regarding TIFF YcbCr (Class Y) images.	Enumerated Type	fromTiffSection21
298	IMAGESRC	ycbcr_positioning	Designates the positions of subsampled chrominance components relative to luminance samples. This tag is mandatory when PhotometricInterpretation = 6, and the value shall equal 2. See TIFF Section 21 YCbCr Images and ISO/TC42N 4378 TIFF/EP standard, Section 5 - TIFF/EP Tag definitions for additional information regarding TIFF YcbCr (Class Y) images.	Enumerated Type	fromTiffSection21
299	IMAGESRC	ycbcr_subsampling	Designates the subsampling factors used for the chrominance components of a YCbCr image. It is mandatory when PhotometricInterpretation = 6, and there are no defaults allowed. See TIFF Section 21 YCbCr Images and ISO/TC42N 4378 TIFF/EP standard, Section 5 - TIFF/EP Tag definitions for additional information regarding TIFF YcbCr (Class Y) images.	Enumerated Type	fromTiffSection21
<b>Separator Row</b>					
300	AUDIOSRC	audiosrc_key	Primary Key of the AUDIOSRC table	Large auto counter	NONE
301	AUDIOSRC	structmap_key	Foreign Key pointer to the STRUCTMAP table	Large signed number	NONE
302	AUDIOSRC	analog_digi_flag	Indicator of the how this entity is describe in the METS document instance.	Enumerated Type	Analog PhysDigital FileDigital
303	AUDIOSRC	audio_block_size	Size of an audio block in bytes.	Large signed number	NONE
304	AUDIOSRC	audio_data_encoding	Structure for audio data; current known types are pulse code modulation (PCM) and SONY's DSD structure.	Suggested Enumerated Type	PCM
305	AUDIOSRC	base_material	Base material of the source sound recording, e.g., plastic, glass, vinyl, metal, wax, polycarbonate, etc. MAVIS codes exist.	SBCS(255)	NONE
306	AUDIOSRC	binder	Type of adhesive used to bind recording surface to base material, e.g., CA (cellulose acetate) , PVC (polyvinyl chloride) etc. MAVIS codes exist.	SBCS(255)	NONE
307	AUDIOSRC	bits_per_sample	Number of bits per audio sample, e.g., 16, 20, 24, etc.	Large signed number	NONE
308	AUDIOSRC	calibration_ext_int	Indicator that the calibration information is contained within the file or externally.	SBCS(255)	NONE
309	AUDIOSRC	calibration_location	Temporary location of the calibration file if it is external, e.g. URL.	SBCS(255)	NONE
310	AUDIOSRC	calibration_type	Type of calibration, e.g., the ITU test sequences known as CCITT 0.33.00 (mono) and CCITT 0.33.01 (stereo).	SBCS(255)	NONE
311	AUDIOSRC	codec_creator_app	The name of the application used to apply the codec, e.g., SoundForge.	SBCS(255)	NONE
312	AUDIOSRC	codec_creator_app_version	The version of the application used to apply the codec, e.g., 5.2.	Large signed number	NONE
313	AUDIOSRC	codec_name	The name and version (or subtype) of the compression algorithm used, e.g., Fraunhofer xyz ["xyz" is a placeholder for versioning information].	SBCS(255)	NONE
314	AUDIOSRC	codec_quality	Indication whether the codec is lossy or lossless.	Enumerated Type	Lossless Lossy

315	AUDIOSRC	condition	Narrative description of the physical condition of the item, e.g., brittle paper, sticky shed tape, chipped disc, etc.	SBCS(2000)	NONE
316	AUDIOSRC	data_rate	Data rate of the audio in an MP3 or other compressed file, expressed in kbps, e.g., 64, 128, 256, etc.	Large signed number	NONE
317	AUDIOSRC	data_rate_mode	Indicator whether the data rate is fixed or variable.	Enumerated Type	Fixed Variable
318	AUDIOSRC	dimensions_depth	Depth of the object in the unit of measure indicated in dimensions_unit, e.g., 7, 12.	Large signed number	NONE
319	AUDIOSRC	dimensions_diameter	Diameter of any circular object expressed in the unit of measure indicated in dimensions_unit, e.g., 3.5, 5, 7.	Large signed number	NONE
320	AUDIOSRC	dimensions_height	Height of the object in the unit of measure indicated in dimensions_unit, e.g., 23.	Large signed number	NONE
321	AUDIOSRC	dimensions_note	Description of odd-shaped objects that cannot be described using the standard dimensions fields.	SBCS(2000)	NONE
322	AUDIOSRC	dimensions_unit	Unit of measurement of the source object, e.g., inches.	SBCS(255)	NONE
323	AUDIOSRC	dimensions_width	Width of any non-circular object expressed in the unit of measure indicated in dimensions_unit, e.g., 3.5, 5, 7.	Large signed number	NONE
324	AUDIOSRC	disposition	What became of the source item, e.g., reshelved on shelf number 1234, discarded, loaned to XYZ organization, destroyed, etc.	SBCS(2000)	NONE
325	AUDIOSRC	disc_surface	Information regarding the disk surface of the analog recording, e.g., aluminium, celluloid, etc. MAVIS codes exist.	SBCS(255)	NONE
326	AUDIOSRC	duration	Elapsed time of the entire file, expressed using ISO 8601 syntax; see <a href="http://www.w3.org/TR/NOTE-datetime">http://www.w3.org/TR/NOTE-datetime</a> .	SBCS(255)	NONE
327	AUDIOSRC	equalization	Equalization system inherent in source recording, e.g., FFRR (Full Frequency Range Recording), RIAA (Recording Industry Association Of America), etc. MAVIS codes exist.	SBCS(255)	NONE
328	AUDIOSRC	first_sample_offset	Location of the first valid sound byte in the file.	Large signed number	NONE
329	AUDIOSRC	first_valid_byte_block	Location of the first valid sound byte in the block.	Large signed number	NONE
330	AUDIOSRC	gauge	Gauge or width of source tape, including indication of unit of measure, e.g., 8 mm, 0.5 inch, 0.25 inch, etc. MAVIS codes exist.	SBCS(255)	NONE
331	AUDIOSRC	generation	Generation of physical source item which was digitized, e.g., studio master, original disc, preservation tape copy, etc. MAVIS codes exist.	SBCS(255)	NONE
332	AUDIOSRC	groove	Groove type of audio source, e.g., standard groove, hill and dale cutting, microgroove, etc. MAVIS codes exist.	SBCS(255)	NONE
333	AUDIOSRC	last_valid_byte_block	Location of the last valid sound byte in the block.	Large signed number	NONE
334	AUDIOSRC	length	Length of source open-reel tape recording, including indication of unit of measure, e.g., 700 feet, 1200 feet, etc.	SBCS(255)	NONE
335	AUDIOSRC	noise_reduction	Noise reduction system inherent in source recording, e.g., DA (Dolby A), DB (Dolby S), FL (Flat) etc. MAVIS codes exist.	SBCS(255)	NONE
336	AUDIOSRC	note	Additional information about the audio source item.	SBCS(2000)	NONE

337	AUDIOSRC	num_channels	Number of audio channels, e.g., 1, 2, 4, 5, etc.	Large signed number	NONE
338	AUDIOSRC	num_sample_frames	The number of frames within an audio file.	Large signed number	NONE
339	AUDIOSRC	oxide	Type of oxide used for the coating of a tape recording, e.g., cobalt modified, chromium dioxide, etc. MAVIS codes exist.	SBCS(255)	NONE
340	AUDIOSRC	phys_format	Name for the physical format of the source e.g., Record, Audiocassette, etc.	SBCS(255)	NONE
341	AUDIOSRC	reflective_layer	The substrate of an optical disk.	SBCS(255)	NONE
342	AUDIOSRC	sampling_frequency	Rate at which the audio was sampled, expressed in kHz, e.g., 22, 44.1, 48, 96, etc.	Large signed number	NONE
343	AUDIOSRC	sound_channel_map	Information about the channel configuration, e.g., mapping the audio channel to their intended aural position/loudspeakers. The values represent parseable compound metadata using commas as separators, e.g., 1=left_front, 2=right_front, 3=center, 4=left_rear, 5=right_rear; or 1=French_narration, 2=Spanish_narration, 3=English_narration, 4=synch_sound, 5=music.	Suggested Enumerated Type	0=left, 1=right 0=center
344	AUDIOSRC	sound_field	Indicates aural space arrangement of the sound recording, e.g., monaural, stereo, joint stereo, surround sound DTS 5.1, etc. MAVIS codes exist.	Suggested Enumerated Type	mono stereo
345	AUDIOSRC	speed	Nominal speed of the source recording, including indication of the unit of measure, e.g., 1 7/8 ips, 4.75 cm/s, 15 ips, 78 rpm, 45 rpm, etc. MAVIS codes exist.	SBCS(255)	NONE
346	AUDIOSRC	speed_adjustment	Speed actually used at playback expressed as a percentage of nominal speed, e.g., 90 or 110.	Large signed number	NONE
347	AUDIOSRC	speed_note	Note to state actual speed as a number (73 rpm) or to state a deviation such as "corrected to C sharp pitch.	SBCS(255)	NONE
348	AUDIOSRC	stock_brand	Manufacturer and stock number for source recording, e.g., Scotch 208, Ampex 407, Webco steel wire, Quik-cut 3215 acetate disc, etc. MAVIS codes exist.	SBCS(255)	NONE
349	AUDIOSRC	tape_thickness	The thickness of a tape.	SBCS(255)	NONE
350	AUDIOSRC	time_stamp	Exact location of calibration tones within a file.	SBCS(255)	NONE
351	AUDIOSRC	track_format	Track format of a magnetic tape, e.g., full track, half track, quarter track stereo, video HiFi, etc. MAVIS codes exist.	SBCS(255)	NONE
352	AUDIOSRC	tracking_type	The type of tracking code, e.g., MAVIS number, actual shelf numbers, bar-code, etc.	SBCS(255)	NONE
353	AUDIOSRC	tracking_value	Shelf number or other identifier for source, e.g., MAVIS number, actual shelf numbers, etc.	SBCS(255)	NONE
354	AUDIOSRC	word_size	Number of bytes that comprise a single sample of audio data, which generally maps to bits_per_sample. Files with a bit depth of 24 will usually be expressed as a 3-byte word_size; however, some applications may store 24-bit audio in a 4-byte word.	Large signed number	NONE
355	VIDEOSRC	videosrc_key	Primary Key of the VIDEOSRC table	Large auto counter	NONE
356	VIDEOSRC	structmap_key	Foreign Key pointer to the STRUCTMAP table	Large signed number	NONE
357	VIDEOSRC	analog_digi_flag	Indicator of the how this entity is describe in the METS document instance.	Enumerated Type	Analog PhysDigital FileDigital

358	VIDEOSRC	aspect_ratio	The desired aspect ratio of the image on screen, e.g., 4:3, etc. Some files produced for display on non-square-pixel monitors have a desired aspect ratio that differs from the ratio of horizontal to vertical pixels.	SBCS(255)	NONE
359	VIDEOSRC	bits_per_sample	The number of bits of sample depth, e.g., 8, 24, etc.	Large signed number	NONE
360	VIDEOSRC	calibration_ext_int	Indicator that the calibration information is contained within the file or externally.	SBCS(255)	NONE
361	VIDEOSRC	calibration_location	Temporary location of the calibration file if it is external e.g. URL	SBCS(255)	NONE
362	VIDEOSRC	calibration_type	Type of calibration used.	SBCS(255)	NONE
363	VIDEOSRC	closed_captioning_note	Information about closed captioning in this source item.	SBCS(255)	NONE
364	VIDEOSRC	closed_captioning_type	Type of closed captioning.	SBCS(255)	NONE
365	VIDEOSRC	color_burst	Indicates presence or absence of color burst signal.	Enumerated Type	Yes No
366	VIDEOSRC	codec_creator_app	The name of the application used to apply the codec, e.g., SoundForge.	SBCS(255)	NONE
367	VIDEOSRC	codec_creator_app_version	The version of the application used to apply the codec, e.g., 5.2.	Large signed number	NONE
368	VIDEOSRC	codec_name	The name and version (or subtype) of the compression algorithm used, e.g., Fraunhofer xyz ["xyz" is a placeholder for versioning information].	SBCS(255)	NONE
369	VIDEOSRC	codec_quality	Indication whether the codec is lossy or lossless.	Enumerated Type	Lossless Lossy
370	VIDEOSRC	condition	Narrative description of the physical condition of the item, e.g., sticky shed tape, deformed by slots in reel, etc.	SBCS(2000)	NONE
371	VIDEOSRC	data_rate	Data rate of the audio in an MPEG or other compressed file expressed in mbps, e.g., 8, 12, 15, etc.	Large signed number	NONE
372	VIDEOSRC	data_rate_mode	Indicator that the data rate of the video is fixed or variable.	Enumerated Type	Fixed Variable
373	VIDEOSRC	dimensions_depth	Depth of the object expressed in the unit of measure indicated in dimensions_unit, e.g., 12.	Large signed number	NONE
374	VIDEOSRC	dimensions_diameter	Diameter of any circular object expressed in the unit of measure indicated in dimensions_unit, e.g., 3.5, 5, 7.	Large signed number	NONE
375	VIDEOSRC	dimensions_height	Height of the object expressed in the unit of measure indicated in dimensions_unit, e.g., 23.	Large signed number	NONE
376	VIDEOSRC	dimensions_note	Description of odd-shaped objects that cannot be described using the standard dimensions fields.	SBCS(2000)	NONE
377	VIDEOSRC	dimensions_unit	Unit of measurement of the source object, e.g., inches.	SBCS(255)	NONE
378	VIDEOSRC	dimensions_width	Width of any non-circular object expressed in the unit of measure indicated in dimensions_unit, e.g., 3.5, 5, 7.	Large signed number	NONE
379	VIDEOSRC	disposition	What became of the source item, e.g., reshelved on shelf number 1234, discarded, loaned to XYZ organization, destroyed, etc.	SBCS(2000)	NONE
380	VIDEOSRC	dtv_aspect_ratio	Aspect ratio of digital video source item expressed as ratio, e.g., 4:3, 16:9, etc.	SBCS(255)	NONE
381	VIDEOSRC	dtv_note	Note about digital video source item.	SBCS(2000)	NONE

382	VIDEOSRC	dtv_resolution	Resolution of digital video source item expressed as horizontal lines.	SBCS(255)	NONE
383	VIDEOSRC	dtv_scan	Indication whether digital video source item is scanned in an interlaced or progressive mode.	Enumerated Type	Interlaced Progressive
384	VIDEOSRC	duration	Elapsed time of the entire file, expressed using ISO 8601 syntax; see <a href="http://www.w3.org/TR/NOTE-datetime">http://www.w3.org/TR/NOTE-datetime</a> .	SBCS(255)	NONE
385	VIDEOSRC	frame_rate	The number of frames per second at which the video source item was captured.	Large signed number	NONE
386	VIDEOSRC	gauge	Gauge or width of source tape, including indication of unit of measure, e.g., 8 mm, 0.5 inch, 0.25 inch, etc. MAVIS codes exist.	SBCS(255)	NONE
387	VIDEOSRC	generation	Generation of physical source item which was digitized, e.g., studio master, preservation tape copy, photostat copy, etc. MAVIS codes exist.	SBCS(255)	NONE
388	VIDEOSRC	length	Length of source open-reel tape recording, including indication of unit of measure, e.g., 700 feet, 1200 feet, etc.	SBCS(255)	NONE
389	VIDEOSRC	note	Additional information about the video source item.	SBCS(2000)	NONE
390	VIDEOSRC	num_sample_frames	The number of frames within a video file.	SBCS(2000)	NONE
391	VIDEOSRC	number_carriers	The number of carriers (reels, cassettes) needed to house the video source item.	SBCS(255)	NONE
392	VIDEOSRC	phys_format	Name for the physical format of the source e.g., Videotape, Film Reel etc.	SBCS(255)	NONE
393	VIDEOSRC	pixels_horizontal	The horizontal size of a frame in picture elements.	Large signed number	NONE
394	VIDEOSRC	pixels_vertical	The vertical size of a frame in picture elements.	Large signed number	NONE
395	VIDEOSRC	reflective_layer	The substrate of an optical disk.	SBCS(255)	NONE
396	VIDEOSRC	sampling	The video sampling format (in terms of luminance and chrominance), e.g., 4:2:0, 4:2:2, 2:4:4, etc.	SBCS(255)	NONE
397	VIDEOSRC	signal_format	Signal format of the video source item. Analog-source examples include composite monochrome, NTSC (composite color), PAL, SECAM, and analog component. Digital-source examples include digital component and others. [Future action: identification of set of specific SMPTE and ITU terms/codes for use in this field.]	SBCS(255)	NONE
398	VIDEOSRC	sound	Indicator of the presence of sound in the video file. If the value "yes" is selected, then the video file will also be associated with an instance of audioMD (metadata for audio files) or audiophysrcMD (metadata for physical-form audio source items).	Enumerated Type	Yes No
399	VIDEOSRC	stock_brand	Manufacturer and stock number for source recording, e.g., Scotch XYZ, Ampex ABC, etc. MAVIS codes exist.	SBCS(255)	NONE
400	VIDEOSRC	tape_thickness	The thickness of a tape.	SBCS(255)	NONE
401	VIDEOSRC	timecode_record_method	Method for recording timecode on the video source item, e.g., longitudinal, vertical interval, etc.	SBCS(255)	NONE
402	VIDEOSRC	timecode_type	Type of timecode recorded on video source item, e.g., SMPTE dropframe, SMPTE nondropframe, etc.	SBCS(255)	NONE
403	VIDEOSRC	time_stamp	Exact location of calibration tones within a file.	SBCS(255)	NONE

404	VIDEOSRC	tracking_type	The type of tracking code, e.g., MAVIS number, actual shelf numbers, bar-code, etc.	SBCS(255)	NONE
405	VIDEOSRC	tracking_value	Shelf number or other identifier for source, e.g., MAVIS number, actual shelf numbers, etc.	SBCS(255)	NONE
406	VIDEOSRC	videodisc_type	Identification of whether this videodisc recording is constant linear velocity (CLV) or constant angular velocity (CAV).	Enumerated Type	CLV CAV
407	VIDEOSRC	videotape_type	General type of videotape format, e.g., 2-inch quadraplex, 1-inch type C, VHS, Betacam SP, etc. Complementary to stock_brand.	SBCS(255)	NONE
408	RIGHTSMD	rightsmd_key	Primary Key of the RIGHTSMD table	Large auto counter	NONE
409	RIGHTSMD	structmap_key	Foreign Key pointer to the STRUCTMAP table	Large signed number	NONE
410	RIGHTSMD	credit_line	Text required to be displayed or printed for a given METS object or subobject (including a specific file), e.g., "Reproduced with the permission of the Smith Company, all rights reserved."	SBCS(2000)	NONE
411	RIGHTSMD	licensing	Information in narrative form regarding licensing of the object, e.g., contacts, process, type of forms required.	SBCS(2000)	NONE
412	RIGHTSMD	note	General note about the rights.	SBCS(255)	NONE
413	RIGHTSMD	registration_number	A registration number, if any, e.g., copyright registration number.	SBCS(255)	NONE
414	RIGHTSMD	registration_type	Type of registration, if any, associated with the object, e.g., copyright (US), copyright (France), etc.	SBCS(255)	NONE
415	RIGHTSMD	restriction_expiration_date	Date and time all restriction(s) expire or change. When output to METS (XML), this will be expressed using ISO 8601 syntax; see <a href="http://www.w3.org/TR/NOTE-datetime">http://www.w3.org/TR/NOTE-datetime</a> .	DateTime	NONE
416	RIGHTSMD	restriction_inception_date	Date upon which the restriction begins. When output to METS (XML), this will be expressed using ISO 8601 syntax; see <a href="http://www.w3.org/TR/NOTE-datetime">http://www.w3.org/TR/NOTE-datetime</a> .	DateTime	NONE

417	RIGHTSMD	restriction_LC	Defines the LC-unique types of access restrictions from a list of enumerated choices.	Enumerated Type	unrestricted_copyright_expired unrestricted_deed_of_gift unrestricted_US_government unrestricted_LC_review_unrestricted restricted_LC_review_low_risk restricted_LC_review_high_risk restricted_copyrighted_permission_not_sought restricted_copyrighted_permission_granted restricted_copyrighted_permission_denied restricted_donor_deed_of_gift restricted_classified restricted_non_copyright_issue restricted_recsound_permission_not_sought restricted_folklife_permission_not_sought restricted_folklife_permission_granted restricted_recsound_permission_granted restricted_co_in_process restricted_co_not_released restricted_co_released_no_access restricted_co_released_selectable unknown
418	RIGHTSMD	restriction_other	Note describing other restrictions.	SBCS(2000)	NONE
419	RIGHTSMD	restriction_territory	The territory in which the restriction applies, e.g., United States, Germany, etc.	SBCS(255)	NONE
420	RIGHTSMD	rights_holder_address	The address of the rights holder, e.g., 4213 Main St., Peoria, IL 12345, etc.	SBCS(255)	NONE
421	RIGHTSMD	rights_holder_email	The email of the rights holder e.g., owner@somewhere.com, etc.	SBCS(255)	NONE
422	RIGHTSMD	rights_holder_name	The name of the rights holder, e.g., ABC publisher, Mr. xyz, etc.	SBCS(255)	NONE
423	RIGHTSMD	rights_holder_phone	The phone number of the rights holder, e.g., 121-555-2314, etc.	SBCS(255)	NONE

424	INSTANCE	instance_key	Primary Key of the INSTANCE table	Large auto counter	NONE
425	INSTANCE	structmap_key	Foreign Key pointer to the STRUCTMAP table	Large auto counter	NONE
426	INSTANCE	task_key	Foreign Key pointer to the TASK table	Large auto counter	NONE
427	INSTANCE	datetime	Date and time at which the digital production task was performed. When output to METS (XML), this will be expressed using ISO 8601 syntax; see <a href="http://www.w3.org/TR/NOTE-datetime">http://www.w3.org/TR/NOTE-datetime</a> .	DateTime	NONE
428	INSTANCE	individual	Name, or title, or identifier of the individual who executed the process or task, e.g., Jane Smith or recording engineer, or Emp # 1234 etc.	SBCS(255)	NONE
429	INSTANCE	note	Information about the tasks not contained in the descriptions.	SBCS(2000)	NONE
430	INSTANCE	organization	Organization responsible for executing the process, e.g., M/B/RS recording lab.	SBCS(255)	NONE
431	INSTANCE	production_id	Tracking number related to digital production, e.g., production batch number or LWO (the job numbers used by the LC recording laboratory).	SBCS(255)	NONE
432	INSTANCE	timestamp	Date and time the entry was made.	DateTime	NONE
433	PROCESS	process_key	Primary Key of the PROCESS table	Large auto counter	NONE
434	PROCESS	alias	A nick name for the process described in the process_description to easily identify the process.	SBCS(255)	NONE
435	PROCESS	creator	Name, or title, or identifier of the individual who defined the process, e.g., Jane Smith or recording engineer, or Emp # 1234 etc.	SBCS(255)	NONE
436	PROCESS	datetime	Date and time at which the digital production process was defined. When output to METS (XML), this will be expressed using ISO 8601 syntax; see <a href="http://www.w3.org/TR/NOTE-datetime">http://www.w3.org/TR/NOTE-datetime</a> .	DateTime	NONE
437	PROCESS	description	Summary description of the process used to prepare, describe, digitize, migrate, or normalize the content.	SBCS(2000)	NONE
438	PROCESS	label	Formal name for the process described in the process_description.	SBCS(255)	NONE
439	PROCESS	organization	Organization responsible for defining the process, e.g., M/B/RS recording lab.	SBCS(255)	NONE
440	PROCESS	type	Formal name for the purpose of the overall process.	Enumerated Type	CONSERVATION_TREATMENT DIGITIZE_AUDIO DIGITIZE_VIDEO PROCESS_TEXT
441	TASK	task_key	Primary Key of the TASK table	Large auto counter	NONE
442	TASK	process_key	Foreign Key which is a pointer to the PROCESS table	Large signed number	NONE
443	TASK	alias	A nick name for the task described in the task_description to easily identify the task.	SBCS(255)	NONE
444	TASK	description	A narrative description of the task.	SBCS(2000)	NONE
445	TASK	label	Formal name for the task described in the task_description.	SBCS(255)	NONE
446	TASK	sequence	Sequential position of this task among its predecessors and successors.	Large signed number	NONE

447	TOOL	tool_key	Primary Key of the TOOL table	Large auto counter	NONE
448	TOOL	task_key	Foreign Key pointer to the TASK table	Large signed number	NONE
449	TOOL	description	Description of the tool.	SBCS(2000)	NONE
450	TOOL	label	Information displayed to the user identifying the tool.	SBCS(255)	NONE
451	TOOL	make	Name of the manufacturer of the device, e.g., Phase I Camera Company.	SBCS(255)	NONE
452	TOOL	note	Any additional information not contained in the description.	SBCS(2000)	NONE
453	TOOL	sequence	Sequential position of this tool among its predecessors and successors.	Large signed number	NONE
454	TOOL	serial_number	The serial number of the device, e.g., CR387493.	SBCS(255)	NONE
455	TOOL	version	The version of the tool.	SBCS(255)	NONE
456	SETTINGS	settings_key	Primary Key of the SETTINGS table	Large auto counter	NONE
457	SETTINGS	tool_key	Foreign Key pointer to the TOOL table	Large signed number	NONE
458	SETTINGS	configfile_key	Foreign Key pointer to the CONFIGFILE table	Large signed number	NONE
459	SETTINGS	description	Description of the setting.	SBCS(2000)	NONE
460	SETTINGS	label	Label for this setting.	SBCS(255)	NONE
461	SETTINGS	value	Value of the setting.	SBCS(255)	NONE
462	CONFIGFILE	configfile_key	Primary Key of the CONFIGFILE table	Large auto counter	NONE
463	CONFIGFILE	description	Summary of the contents of the file.	SBCS(2000)	NONE
464	CONFIGFILE	label	Name of the file.	SBCS(255)	NONE
465	CONFIGFILE	location	Location of the file, e.g., <a href="http://lcweb.loc.gov/aggname/filename.ext">http://lcweb.loc.gov/aggname/filename.ext</a> .	SBCS(255)	NONE
466	CONFIGFILE	location_type	The type of location of the config file, e.g., URN, URL, etc.	Enumerated Type	URN URL PURL HANDLE DOI OTHER

467	DATADICTIONARY	datadictionary_key	Primary Key for the DATADICTIONARY table.	Large auto counter	NONE
468	DATADICTIONARY	data_type	Data type of the field.	SBCS(255)	NONE
469	DATADICTIONARY	definition	Definition of the field.	SBCS(2000)	NONE
470	DATADICTIONARY	display_order	Numerical order in which to display the fields in the Builder forms.	Large signed number	NONE
471	DATADICTIONARY	fieldname	Name of the field.	SBCS(255)	NONE
472	DATADICTIONARY	label	Modified name of field for display purposes.	SBCS(255)	NONE
473	DATADICTIONARY	rules	Business rule(s) associated with this field.	SBCS(2000)	NONE
474	DATADICTIONARY	scope	Use of the field in the databse, e.g., internal or external.	SBCS(255)	NONE
475	DATADICTIONARY	tablename	Name of the table.	SBCS(255)	NONE
476	EVALUES	evalues_key	Primary Key of the EVALUES table	Large auto counter	NONE
477	EVALUES	datadictionary_key	Foreign Key pointer to the DATADICTIONARY table	Large signed number	NONE
478	EVALUES	definition	Definition of enumerated value.	SBCS(255)	NONE
479	EVALUES	display_value	Modified name of values for display purposes.	Large signed number	NONE
480	EVALUES	display_order	Numerical order in which to display the fields in the Builder forms.	Large signed number	NONE
481	EVALUES	rules	Business rule(s) associated with this enumerated value.	SBCS(2000)	NONE
482	EVALUES	stored_value	Value of stored in the database.	SBCS(255)	NONE
483	CHANGELOG	changelog_key	Primary Key for the CHANGELOG table	Large auto counter	NONE
484	CHANGELOG	change_datetime	Date and time change was made. If output, to be expressed using ISO 8601 syntax; see <a href="http://www.w3.org/TR/NOTE-datetime">http://www.w3.org/TR/NOTE-datetime</a> .	DateTime	NONE
485	CHANGELOG	change_description	Description of change.	SBCS(2000)	NONE
486	CHANGELOG	change_person	Name of person making the change.	SBCS(255)	NONE
487	CHANGELOG	change_type	Type of change.	SBCS(255)	NONE

488	ERRORLOG	errorlog_key	Primary Key for the ERRORLOG table	Large auto counter	NONE
489	ERRORLOG	assigned_to	Person assigned to fix the error.	SBCS(255)	NONE
490	ERRORLOG	datetime	Date and time error occurred. If output, to be expressed using ISO 8601 syntax; see <a href="http://www.w3.org/TR/NOTE-datetime">http://www.w3.org/TR/NOTE-datetime</a> .	DateTime	NONE
491	ERRORLOG	description	Description of error that occurred.	SBCS(255)	NONE
492	ERRORLOG	fixed_date	Date the error was fixed.	DateTime	NONE
493	ERRORLOG	mets_info	Mets Object ID of the object being edited when the error occurred.	SBCS(255)	NONE
494	ERRORLOG	other_info	Reference to the primary key of the CHANGELOG table.	SBCS(255)	NONE
495	ERRORLOG	product	Tool where the error occurred.	SBCS(255)	NONE
496	ERRORLOG	priority	Indicates the order in which the errors should be fixed.	SBCS(255)	NONE
497	ERRORLOG	severity	Level indicating the type of error.	SBCS(255)	NONE
498	ERRORLOG	status	Current status of the error.	SBCS(255)	NONE
499	ERRORLOG	username	Name of the person who entered the error.	SBCS(255)	NONE
500	GROUP	group_key	Primary Key for the GROUP table	Large auto counter	NONE
501	GROUP	label	The name for the group entry.	SBCS(255)	NONE
502	GROUP	mets_key_list	A parsable list containing the mets_key for each object that is part of this group. The keys are separated by a coma.	SBCS(2000)	NONE
503	GROUP	parent	The group_key for the parent of this object.	Large Signed Number	NONE
504	GROUP	sequence	Integer that represents the position of this object in the group.	Large Signed Number	NONE
505	SCHEMAS	schemas_key	Primary Key for the SCHEMAS table	Large auto counter	NONE
506	SCHEMAS	creator	The name and other pertinent information of the creator of the schema.	SBCS(255)	NONE
507	SCHEMAS	creator_affiliation	The affiliation of the creator to the creator_type, e.g., employee of the corporation.	SBCS(255)	NONE
508	SCHEMAS	creator_type	The type of creator, e.g., organization, corporate, or individual.	Enumerated Type	Corporate Individual Organization
509	SCHEMAS	datetime_create	Date and time of creation for the schema. This will be expressed using ISO 8601 syntax; see <a href="http://www.w3.org/TR/NOTE-datetime">http://www.w3.org/TR/NOTE-datetime</a> .	DateTime	NONE
510	SCHEMAS	datetime_modify	Date and time of schema last modified. This will be expressed using ISO 8601 syntax; see <a href="http://www.w3.org/TR/NOTE-datetime">http://www.w3.org/TR/NOTE-datetime</a> .	DateTime	NONE

511	SCHEMAS	file_locat_type	The type of locator contained in the file_locat_value field, e.g., URI or URL.	Enumerated Type	URI URL
512	SCHEMAS	file_locat_value	Location of the referenced schema including the full path and filename.	SBCS(255)	
513	SCHEMAS	maintainer	The name and other pertinent information of the maintainer of the schema.	SBCS(255)	NONE
514	SCHEMAS	maintainer_affiliation	The affiliation of the maintainer to the maintainer_type, e.g., employee of the corporation.	SBCS(255)	NONE
515	SCHEMAS	maintainer_type	The type of maintainer, e.g., organization, corporate, or individual.	Enumerated Type	Corporate Individual Organization
516	SCHEMAS	mets_reference	The name by which this schema is referenced in the mets instance or any other instance.	SBCS(255)	NONE
517	SCHEMAS	schema_version	The revision or version number of the schema.	Large Signed Number	NONE
518	SCHEMAS	template_version	The revision or version number of the template instance	Large Signed Number	NONE
<b>Separator</b>					
519	LOOKUP	lookup_key	Primary Key for the LOOKUP table	Large auto counter	NONE
520	LOOKUP	evalues_key	Foreign Key pointer to the EVALUES table	Large Signed Number	NONE
521	LOOKUP	schemas_key	Foreign Key pointer to the SCHEMAS table	Large Signed Number	NONE
522	LOOKUP	output_value	Value expected by the schema corresponding to the schemas_key.	SBCS(255)	NONE
<b>Separator</b>					
523	SMLINK	smlink_key	Primary Key for the table	Large auto counter	NONE
524	SMLINK	smdestination	Foreign Key pointer to the EVALUES table	Large Signed Number	NONE
525	SMLINK	smsource	Foreign Key pointer to the SCHEMAS table	Large Signed Number	NONE