National Digital Newspaper Program

2011 Digital Asset Metadata Elements - Dictionary

NOTES:

- Metadata elements below are described by original object. Elements may appear in more than one digital object per NDNP specifications.

Data Description	Data Type	Example	Notes	Repeat-able R= repeatable NR = non-repeatable	Manda-tory M=mandatory MA=mandatory, if available O=optional	Xpath (see XML templates) and/or Data location
General Information						
Awardee Name	string	New York Public Library	name of institution that received the NEH award	NR	M	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:issue"]/metsHdr/mets:agent/mets:name
Award Year	enumeration	2011	Year of NEH award under which the digitization of this content was funded. Valid values are: 2008 2009 2010 2011	NR	M	Xml:xml[@TYPE="urn:library-of-congress:ndnp:batch"]/batchHdr/batch:agent/batch:awardYear
Original Source Repository	string	Multiple examples: Library of Congress; Washington, DC	Owner of original source that was digitized (micro-film or paper) ; city and state postal abbreviation	NR	M	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:issue"]/mets:dmdSec[@ID="pageModsBib1"]/mets:mdWrap/mets:xmlData/mods:mods/mods:relatedItem[@type="original"]/mods:location/mods:physicalLocation/@displayLabel

		or New York Public Library; New York, NY				~or~ mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:dmdSec[@ID="targetModsBib1"]/mets:mdWrap/mets:xmlData/mods:mods/mods:relatedItem/mods:location/mods:physicalLocation/@displayLabel
Original Source Repository Code	enumeration	dlc	Normalized MARC organization code of owner of source. See http://www.loc.gov/marc/organizations/org-search.php for more information and code list.	NR	MA	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:issue"]/mets:dmdSec[@ID="pageModsBib1"]/mets:mdWrap/mets:xmlData/mods:mods/mods:relatedItem[@type="original"]/mods:location/mods:physicalLocation ~or~ mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:dmdSec[@ID="targetModsBib1"]/mets:mdWrap/mets:xmlData/mods:mods/mods:relatedItem/mods:location/mods:physicalLocation
Digital Responsible Institution	string	Multiple examples: Library of Congress; Washington, DC or Library of Virginia;	Awardee institution; city and state postal abbreviation	NR	M	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:issue"]/mets:dmdSec[@ID="pageModsBib1"]/mets:mdWrap/mets:xmlData/mods:mods/mods:note[@type="agency ResponsibleForReproduction"]/@displayLabel ~or~ mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]

		Richmond, VA				/mets:dmdSec[@ID="techTargetModsBib"]/mets:mdWrap/mets:xmlData/mods:mods/mods:note/@displayLabel ~or~ mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:dmdSec[@ID="targetModsBib1"]/mets:mdWrap/mets:xmlData/mods:mods/ mods:note/@displayLabel ~or~ TIFF: ImageProducer ~or~ PDF: rdf:Description/dc:description/rdf:Alt/rdf:li~or~ JPEG2000: rdf:Description/ dc:description/ rdf:Alt/rdf:li
Digital Responsible Institution Code	enumeration	Multiple examples: dlc or vi	Normalized MARC organization code of Awardee. See http://www.loc.gov/marc/organizations/org-search.php .	NR	MA	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:issue"]/mets:dmdSec[@ID="pageModsBib1"]/mets:mdWrap/mets:xmlData/mods:mods/mods:note[@type="agency ResponsibleForReproduction"] ~or~ mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:dmdSec[@ID="techTargetModsBib"]/mets:mdWrap/mets:xmlData/mods:mods/mods:note ~or~ mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]

						/mets:dmdSec[@ID="targetModsBib1"]/mets:mdWrap/mets:xmlData/mods:mods/ mods:note ~or~ Xml:xml[@TYPE="urn:library-of-congress:ndnp:batch"]/batchHdr/batch:agent/batch:awardee
Batch name *Sample*	String	batch_dlc_2009sample	For initial sample batch, use this naming structure: batch_[MARC organization code*]_[year of award]sample	NR	M	Xml:xml[@TYPE="urn:library-of-congress:ndnp:batch"]/batchHdr/batch:agent/batch:name
Batch name *Production*	String	batch_dlc_alpha	For production batches, use this naming structure: batch_[MARC organization code*]_[keyword**]. *For MARC Organization code, see http://www.loc.gov/marc/organizations/org-search.php. ** Batch keywords are unique within the deliveries of a given awardee throughout their			

			program participation. Keywords (in alpha order for a given grant period) are selected by awardees.			

Title Information

LCCN	string	sn83031150 or 2007123234	Use canonical (normalized) form of LCCN for associated title bibliographic description. See http://www.loc.gov/marc/lccn-namespace.html	NR	M	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:issue"]/mets:dmdSec[@ID="issueModsBib"]/mets:mdWrap/mets:xmlData/mods:mods/mods:relatedItem/mods:identifier/@type ~or~ Xml:xml[@TYPE="urn:library-of-congress:ndnp:batch"]/newspapertitle:lccn ~or~ Xml:xml[@TYPE="urn:library-of-congress:ndnp:batch"]/issue:lccn ~or~ PDF: rdf:Description/dc:description/rdf:Alt/rdf:li ~or~ JPEG2000: rdf:Description ~or~ JPEG2000: rdf:Description/ dc:description/ rdf:Alt/rdf:li
Title	string	National forum (Washington, D.C.)	Combine MARC 245$a and 260$a	NR	M	PDF: rdf:Description/dc:title/rdf:Alt/rdf:li ~or~

		Washington Evening Times (Washington, D.C.)				PDF: rdf:Description/dc:description/ rdf:Alt/rdf:li ~or~ JPEG2000: rdf:Description/ dc:title/ rdf:Alt/rdf:li ~or~ JPEG2000: rdf:Description/ dc:description/ rdf:Alt/rdf:li ~or~ mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:issue"]@LABEL
Publication Location	string	Washington, D.C. or Chicago, Ill.	MARC 260$a	NR	M	PDF: rdf:Description/dc:title/ rdf:Alt/rdf:li ~or~ PDF: rdf:Description/dc:description/ rdf:Alt/rdf:li ~or~ JPEG2000: rdf:Description/ dc:title/ rdf:Alt/rdf:li
Volume Number	string	27	Following SICI standard: (1.) All numeric information shall be converted to arabic numbers. (2) Alphabetic data used as enumeration designations shall be transcribed as they appear on the piece, and converted to uppercase.	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:issue"]/mets:dmdSec[@ID="issueModsBib"]/mets:mdWrap/mets:xmlData/ mods:mods/mods:relatedItem/mods :part/mods:detail[@type="volume"]/ mods:number
Edition Order	positive	Mulitple	Default is 1. If more	NR	M	mets:mets[@TYPE="urn:library-of-

	integer	examples: 1 2 3	than one edition on this date, number in chronological order.			congress:ndnp:mets:newspaper:iss ue"]/mets:dmdSec[@ID="issueMod sBib"]/mets:mdWrap/mets:xmlData/ mods:mods/mods:relatedItem/mods :part/mods:detail[@type="edition"]/ mods:number ~or~ Xml:xml[@TYPE="urn:library-of-congress:ndnp:batch"]/issue:edition Order ~or~ JPEG2000: rdf:Description
Edition Label	string	Multiple examples: Late City Final Two Stars (Final Edition) Extra	If present, as printed. If symbol is used to indicate edition label (e.g., two stars), describe the visual symbols and the meaning of those symbols in parentheses (i.e. if 2 stars are used to represent Final Edition, then Field value should be "Two Stars (Final Edition)".)	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:iss ue"]/mets:dmdSec[@ID="issueMod sBib"]/mets:mdWrap/mets:xmlData/ mods:mods/mods:relatedItem/mods :part/mods:detail[@type="edition"]/ mods:caption ~or~ mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:iss ue"]@LABEL
Issue Number	string	3	Following SICI standard: (1.) All numeric information shall be converted to arabic numbers. (2) Alphabetic data used as enumeration designations shall be	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:iss ue"]/mets:dmdSec[@ID="issueMod sBib"]/mets:xmlData/mods:mods/mo ds:relatedItem/mods:part/mods:deta il[@type="issue"]/mods:number

			transcribed as they appear on the piece, and converted to uppercase.			
Issue Date	date	1908-03-21	Actual date issued, corrected if necessary. Use this particular ISO 8601 style: YYYY-MM-DD.	NR	M	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:issue"]/mets:dmdSec[@ID="issueModsBib"]/mets:mdWrap/mets:xmlData/mods:mods/mods:originInfo/mods:dateIssued ~or~ Xml:xml[@TYPE="urn:library-of-congress:ndnp:batch"]/issue:issueDate ~or~ PDF: rdf:Description/dc:title/ rdf:Alt/rdf:li ~or~ PDF: rdf:Description/dc:description/ rdf:Alt/rdf:li ~or~ JPEG2000: rdf:Description ~or~ JPEG2000: rdf:Description/dc:title/ rdf:Alt/rdf:li ~or~ JPEG2000: rdf:Description/dc:date/ rdf:Seq/rdf:li ~or~ mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:issue"]@LABEL

Issue Present Indicator	string	Not digitized, published	Valid values are: Present; Not digitized, published; Not digitized, not published; Not digitized, publishing unknown. Note: "Present" means Published and digitized).	NR	M	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:issue"]/mets:dmdSec[@ID="issueModsBib"]/mets:mdWrap/mets:xmlData/mods:mods/mods:note
Issue Present Comment	string	No issue published due to weather.	To record any additional known information indicated in film on missing issues.	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:issue"]/mets:dmdSec[@ID="issueModsBib"]/mets:mdWrap/mets:xmlData/mods:mods/mods:note/@displayLabel
Issue Date As Labeled	date	1908-03-21	If date printed was in error (not the date issued), this field reflects the incorrect date as printed. Include this field only if date printed was in error. Use this particular ISO 8601 style: YYYY-MM-DD.	R	MA	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:issue"]/mets:dmdSec[@ID="issueModsBib"]/mets:mdWrap/mets:xmlData/mods:mods/mods:originInfo/mods:dateIssued[@qualifier="questionable"]
Page Information						
Section Label	string	B	If present, as printed. Could be blank, "C,"	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:iss

			"IV," "3," "Business," etc.			ue"]/mets:dmdSec[@ID="sectionMo dsBib1"]/mets:mdWrap/mets:xmlDat a/mods:mods/mods:part/mods:detai l[@type="section label"]/mods:number
Page Sequence Number	positive integer	13	This orders the records for page records within an issue, regardless of printed page number. See Page Number field below. This field is particularly useful for multi-section titles.	NR	M	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:iss ue"]/mets:dmdSec[@ID="pageMods Bib1"]/mets:mdWrap/mets:xmlData/ mods:mods/mods:part/mods:extent[@unit="pages"]/mods:start ~or~ JPEG2000: rdf:Description
Page Number	string	B3	Exactly as printed. If not printed, element should be omitted. If not used, element should be omitted.	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:iss ue"]/mets:dmdSec[@ID="pageMods Bib1"]/mets:mdWrap/mets:xmlData/ mods:mods/mods:part/mods:detail[@type="page number"]/mods:number ~or~ PDF: rdf:Description/dc:title/ rdf:Alt/rdf:li ~or~ JPEG2000: rdf:Description/dc:title/ rdf:Alt/rdf:li
Page Physical Description	string	microfilm	Valid values: microfilm, microfiche, print.	NR	M	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:iss ue"]/mets:dmdSec[@ID="pageMods Bib1"]/mets:mdWrap/mets:xmlData/ mods:mods/mods:relatedItem[@typ

						e="original"]/mods:physicalDescription/mods:form ~or~ TIFF: FileSource
Page Present Indicator	string	Present	Valid values are: Present; Not digitized, published Not digitized, not published; Not digitized, publishing unknown. Note: "Present" means Published and digitized.	NR	M	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:issue"]/mets:dmdSec[@ID="pageModsBib1"]/mets:mdWrap/mets:xmlData/mods:mods/mods:note[@type="noteAboutReproduction"]
Page Present Comment	string	Best copy available	To record any additional known information indicated in film.	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:issue"]/mets:dmdSec[@ID="pageModsBib1"]/mets:mdWrap/mets:xmlData/mods:mods/mods:note[@type="noteAboutReproduction"]/@displayLabel
Reel Information						
Reel Number	string	375892205698	Reel number to correspond with LC barcode supplied for all duplicate microfilm reels deposited with LC. --Not mandatory if page is missing (even if page is represented by a target).	NR	MA	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:issue"]/mets:dmdSec[@ID="pageModsBib1"]/mets:mdWrap/mets:xmlData/mods:mods/mods:relatedItem[@type="original"]/mods:identifer[@type="reel number"] ~or~

						mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:dmdSec[@ID="techTargetModsBib"]/mets:mdWrap/mets:xmlData/mods:mods/mods:relatedItem/mods:identifier[@type="reel number"] ~or~ Xml:xml[@TYPE="urn:library-of-congress:ndnp:batch"]/reel:reelnumber ~or~ TIFF: Document Name ~or~ PDF: rdf:Description/dc:identifier/ rdf:Alt/rdf:li ~or~ JPEG2000: rdf:Description/ dc:identifier/ rdf:Alt/rdf:li
Reel Sequence Number	positive integer	1	This orders the records **within a reel**. Indicate position of the image on the microfilm reel. In the case of two-up microfilming, each frame contains 2 images, and each image has its own reel sequence number, in left-right reading order. In the case of orientation-shift within the reel, continue	NR	MA	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:newspaper:issue"]/mets:dmdSec[@ID="pageModsBib1"]/mets:mdWrap/mets:xmlData/mods:mods/mods:relatedItem[@type="original"]/mods:identifer[@type="reel sequence number"] ~or~ mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:dmdSec[@ID="techTargetModsBib"]/mets:mdWrap/mets:xmlData/mods:mods/mods:relatedItem/mod

			to order the images in left-right reading order.			s:identifier[@type="reel sequence number"] ~or~ TIFF: ImageUniqueID ~or~ PDF: rdf:Description/dc:identifier/ rdf:Alt/rdf:li ~or~ JPEG2000: rdf:Description/ dc:identifier/ rdf:Alt/rdf:li
Object Format	string	Microfilm	Valid value (currently): Microfilm	NR	M	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"] /mets:dmdSec[@ID="targetModsBib"]/mets:mdWrap/mets:xmlData/mods:mods/mods:relatedItem/mods:physicalDescription ~or~ TIFF: FileSource
Tech Target Label	string	35mm Grayscale Preservation Microfilm Target	Describe target scanned (calibration targets scanned at NDNP request or targets already extant in microfilm)	NR	M	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"] /mets:dmdSec[@ID="techTargetModsBib"]/mets:mdWrap/mets:xmlData /mods:mods/mods:titleInfo/mods:title
Titles (on Reel)	string	Multiple examples: National forum (Washington, D.C.) The Weekly	MARC 245$a, if present, combined with 260$a. Use title that corresponds to the folder in which the reel XML file resides. Make note of multiple titles in	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"] /mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:titles

		Roundabout (Frankfort, KY)	"comments" element (below).			
Start Date	date	1881-11-22	Use this particular ISO 8601 style: YYYY-MM-DD.	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:startDate
End Date	date	1881-11-16	Use this particular ISO 8601 style: YYYY-MM-DD.	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:endDate
Position	string	2a	1a, 2a, 1b, 2b	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:position ~or~ TIFF: Orientation
Reduction Ratio	string	20x	If stated, transcribe. If not stated, estimate.	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:reductionRatio
Capture Resolution Original	string	300	Resolution relative to original material, measured in pixels/inch (or mm.).	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:captureResolutionOriginal

Capture Resolution Film	string	6000	Resolution relative to microfilm, measured in pixels/inch (or mm.). Capture Resolution Film = Reduction Ratio x Capture Resolution_Original.	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:captureResolutionFilm
Guide To Contents Present Flag	boolean	true	Valid values are "true" for present; "false" for missing.	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:guideToContentsPresentFlag
Guide To Contents String	string	Title established April 30…	If present, transcribe text from Guide to Contents, as it appears on film	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:guideToContentsString
Date Microfilm Created	string	1986	Date of microfilm creation	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:dateMicrofilmCreated
Loose Leaves Flag	boolean	false	For original material; Valid values: true, false	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:looseLeavesFlag
Bound Volume Flag	boolean	true	For original material; Valid values: true, false	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]

						/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:boundVolumeFlag
Comments	string		Any general comments regarding the reel, duplication process, or content, etc.	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:comments
Dimensions	string	17x23 in.	From original materials, if possible, or from N.W. Ayer & Son. N.W. Ayer & Son's American Newspaper Annual. Philadelphia : N.W. Ayer and Son, 1880-1909.	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:dimensions
Pages Per Issue	positive integer	4	Estimate from microfilm, or from N.W. Ayer & Son. N.W. Ayer & Son's American Newspaper Annual. Philadelphia : N.W. Ayer and Son, 1880-1909. See http://www.loc.gov/rr/news/news_research_tools/ayersdirectory.html	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:pagesPerIssue
Number Of Resolution Targets	positive integer	2		NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlDa

						ta/ndnp:reelTechMD/ndnp:numberOfResolutionTargets
Resolution Of Master	floating point number	7.1	Resolution of original camera master microfilm. Record actual number from line-pair resolution test pattern on film, if available.	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:resolutionOfMaster
Resolution Of Master: Comments	string		Any comments relating to the resolution of the camera master microfilm	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:resolutionCommentMaster
Density Reading Master	floating point number	0.91	Ten readings per reel.	R	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:densityReadingMaster
Average Density Master	floating point number	0.95	The average density of the camera master microfilm	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:averageDensityMaster
Dmin Master	floating point number	0.2	The minimum density point on the camera master microfilm	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:dminMaster

Resolution Of Duplicate Negative	floating point number	6.3	Resolution of the duplicate negative used for digitization. Record actual number from line-pair resolution test pattern on film, if available.	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:resolutionOfDuplicateNegative
Resolution Of Duplicate Negative: Comments	string	Weak 7.1	Any comments relating to the resolution of the duplicate negative used for digitization	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:resolutionCommentDuplicateNegative
Density Reading Duplicate Negative	floating point number	1.14	Ten readings per reel.	R	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:densityReadingDuplicateNegative
Average Density Duplicate Negative	floating point number	1.1	The average density of duplicate master negative used for digitization	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:averageDensityDuplicateNegative
Dmin Duplicate Negative	floating point number	0.15	The minimum density point on the duplicate negative used for digitization	NR	O	mets:mets[@TYPE="urn:library-of-congress:ndnp:mets:microfilmReel"]/mets:amdSec/techMD[@ID="reelTechMD"]/mets:mdWrap/mets:xmlData/ndnp:reelTechMD/ndnp:dminDuplicateNegative