

ARC Archival Descriptions XML

Summary:

1. This documentation accounts for all XML tags used for NARA archival descriptions published in the Archival Research Catalog (ARC) <<http://www.archives.gov/research/arc/>>.
2. Mappings are provided for tags that appear in [all archival description levels](#) as well as for those tags that only appear in the specific levels/types of archival description:
 - [Record Group](#)
 - [Collection](#)
 - [Series, File, Item, Item \(AV\)](#)
 - [Series](#)
 - [File](#)
 - [Item](#)
 - [Item \(AV\)](#)
3. Most of the attributes are defined in the Lifecycle Data Requirements Guide (LCDRG). Please see the [appendix](#) for those attributes that do not appear in the LCDRG.

ARC XML Tags

1. The following is an empty ARC XML document. This document includes all possible XML tags for any archival description.
2. Allowable tags at the various levels appear [below](#).
3. Tags with a **yellow** highlight are only used internally for specific search indexes within ARC.
 - a. The <...-desc/> tags were used for the Description Identifiers search.
 - b. The <...-only/> tags were used for the Title Only search.
 - c. The <indexable-dates> are encoded versions of various dates used for searching in ARC.

```
<?xml version='1.0'?>
<archival-description>
  <arc-id/>
  <arc-id-desc/>
  <title/>
  <title-only/>
  <subtitle/>
  <subtitle-only/>
  <record-group-number/>
  <record-group-number-desc/>
  <collection-id/>
  <function-use-note/>
  <scale-note/>
  <custodial-history-note/>
  <numbering-note/>
  <arrangement-note/>
  <transfer-note/>
  <date-note/>
  <edited-status/>
  <sound-type/>
  <sequence-number/>
  <local-identifier/>
  <local-identifier-desc/>
  <mlr-numbers>
    <mlr-number/>
  </mlr-numbers>
  <edited-timestamp/>
```

```
<level-of-desc level-id="">
  <lod-display/>
</level-of-desc>
<hierarchy>
  <hierarchy-item/>
</hierarchy>
<shotlist/>
<scope-content-note/>
<series-count/>
<file-unit-count/>
<item-count/>
<parent parent-id="">
  <parent-lod/>
  <parent-title/>
</parent>
<parent-control-group parent-control-id="">
  <parent-control-lod/>
  <parent-control-title/>
</parent-control-group>
<general-notes>
  <general-note/>
</general-notes>
<production-series>
  <series-number/>
  <series-subtitle/>
  <series-subtitle-only/>
  <series-title/>
  <series-title-only/>
</production-series>
<title-date/>
<inclusive-dates>
  <inc-start-date/>
  <inc-end-date/>
</inclusive-dates>
<coverage-dates>
  <cov-start-date/>
```

```
        <cov-end-date/>
</coverage-dates>
<broadcast-dates>
    <broadcast-date/>
</broadcast-dates>
<release-dates>
    <release-date/>
</release-dates>
<copyright-dates>
    <copyright-date/>
</copyright-dates>
<production-dates>
    <production-date/>
</production-dates>
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        <donor-display/>
    </donor>
</donors>
<creators>
    <creator num="" creator-record-type="" summary="" creator-id="" standard="">
        <creator-display/>
        <creator-type/>
    </creator>
</creators>
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    <contributor num="" contributor-record-type="" contributor-id="" standard="">
        <contributor-display/>
        <contributor-type/>
    </contributor>
</contributors>
<accession-numbers>
    <accession-number/>
</accession-numbers>
<disposition-authority-numbers>
    <disposition-authority-number/>
```

```
</disposition-authority-numbers>
<rct-numbers>
  <rct-number/>
</rct-numbers>
<internal-transfer-numbers>
  <internal-transfer-number/>
</internal-transfer-numbers>
<variant-control-numbers>
  <variant-control-number num="" mlr="">
    <variant-note/>
    <variant-number/>
    <variant-number-desc/>
    <variant-type/>
  </variant-control-number>
</variant-control-numbers>
<microform-publications>
  <microform-publication num="">
    <microform-note/>
    <microform-id/>
    <microform-title/>
  </microform-publication>
</microform-publications>
<finding-aids>
  <finding-aid num="">
    <finding-aid-note/>
    <finding-aid-type/>
    <finding-aid-source/>
  </finding-aid>
</finding-aids>
<objects>
  <object num="">
    <description/>
    <mime-type/>
    <designator/>
    <file-size/>
    <file-url/>
  </object>
</objects>
```

```
        <thumbnail-url/>
        <object-sequence-number/>
    </object>
</objects>
<general-records-types>
    <general-records-type>
        <general-records-type-id/>
        <general-records-type-desc/>
    </general-records-type>
</general-records-types>
<languages>
    <language/>
</languages>
<other-titles>
    <other-titles-only/>
</other-titles>
<subject-references>
    <subject-reference num="" subject-id="" subject-type="" standard="">
        <display-name/>
    </subject-reference>
</subject-references>
<access-restriction>
    <restriction-status/>
    <restriction-note/>
    <specific-access-restrictions>
        <specific-access-restriction_row num="">
            <security-classification/>
            <restriction/>
        </specific-access-restriction>
    </specific-access-restrictions>
</access-restriction>
<use-restriction>
    <use-status/>
    <use-note/>
    <specific-use-restrictions>
        <specific-use-restriction_row num="">
```

```

        <specific-use-restriction/>
      </specific-use-restriction_row>
    </specific-use-restrictions>
  </use-restriction>
  <former-control-groups>
    <former-control-group>
      <former-id/>
      <former-id-desc/>
      <former-type/>
      <former-title/>
    </former-control-group>
  </former-control-groups>
  <online-resources>
    <online-resource>
      <online-resource-description/>
      <online-resource-url/>
      <online-resource-note/>
    </online-resource>
  </online-resources>
  <physical-occurrences>
    <physical-occurrence>
      <copy-status/>
      <total-running-time/>
      <total-footage/>
      <note/>
      <extent/>
      <container-list/>
      <reference-units>
        <reference-unit num="" summary="">
          <ref-id/>
          <name/>
          <address1/>
          <address2/>
          <city/>
          <state/>
          <postcode/>
        </reference-unit>
      </reference-units>
    </physical-occurrence>
  </physical-occurrences>

```

```
        <mailcode/>
        <phone/>
        <fax/>
        <email/>
</reference-unit>
<holdings-measurements>
  <holdings-measurement num="">
    <measurement-count/>
    <measurement-type/>
  </holdings-measurement>
</holdings-measurements>
<media-occurrences>
  <media-occurrence num="">
    <color/>
    <container-id/>
    <media-occurrence-note/>
    <media-type/>
    <physical-restriction-note/>
    <piece-count/>
    <process/>
    <reproduction-count/>
    <technical-access-note/>
    <base/>
    <emulsion/>
    <element-number/>
    <footage/>
    <format/>
    <recording-speed/>
    <reel-tape-disc-no/>
    <roll-type/>
    <running-time/>
    <soundtrack-config/>
    <soundtrack-lang/>
    <tape-thickness/>
    <wind/>
    <dimension/>
```



```
        <depth/>
        <height/>
        <width/>
    </media-occurrence>
</media-occurrences>
</physical-occurrence>
</physical-occurrences>
<indexable-dates>
    <date-range/>
</indexable-dates>
</archival-description>
```

The following tables demonstrate how the XML tags map to the data elements listed in the Lifecycle Data Requirements Guide (LCDRG).

All Archival Description Levels				
Attributes	In the LCDRG (Y/N)	ARC XML tags	Repeatable (Y/N)	Comment
ARC Identifier	N	<arc-id/>	N	
Last edited date	N	<edited-timestamp/>	N	An encoded version of the last edited date used for searching.
Level of Description/Description Type	Y	<level-of-desc level-id=""> <lod-display/> </level-of-desc>	N	The Level of Description, both display value and the internal id.
Scope and Content Note	Y	<scope-content-note/>	N	
Coverage Dates	Y	<coverage-dates> <cov-start-date/> <cov-end-date/> </coverage-dates>	N	

Record Group				
Attributes	In the LCDRG (Y/N)	ARC XML tags	Repeatable (Y/N)	Comment
Title	Y	<title/>	N	
Dates for Inclusion with Title	N ¹	<title-date/>	N	
Record Group Number	Y	<record-group-number/>	N	
Includes/Children Count	N	<series-count/>	N	
Inclusive Dates	Y	<inclusive-dates> <inc-start-date/> <inc-end-date/> </inclusive-dates>	N	
Finding Aid Type	Y	<finding-aids> <finding-aid num=""> <finding-aid-note/> <finding-aid-type/> <finding-aid-source/> </finding-aid> </finding-aids>	Y	These attributes repeat as a group.
Finding Aid Note	Y			
Finding Aid Source	Y			

¹ There is no attribute in the LCDRG for “Dates for Inclusion with Title”. However, there are various date attributes in the LCDRG that are concatenated with the Title and displayed on ARC Web to create the <title-date> value. At the Record Group level, the attribute Inclusive Dates is concatenated with Title to form the <title-date> value.

Collection				
Attributes	In the LCDRG (Y/N)	ARC XML tags	Repeatable (Y/N)	Comment
Title	Y	<title/>	N	
Dates for Inclusion with Title	N ¹	<title-date/>	N	
Collection Identifier	Y	<collection-id/>	N	
Includes/Children Count	N	<series-count/>	N	
Inclusive Dates	Y	<inclusive-dates> <inc-start-date/> <inc-end-date/> </inclusive-dates>	N	
Organizational Donor	Y	<donors> <donor num="" donor-record- type="" donor-id="" standard=""> <donor-display/> </donor> </donors>	Y	The 'donor-record-type' data value will indicate if the associated data is for personal or organizational donors. Personal Donor and Organizational Donors should be grouped separately.
Personal Donor	Y		Y	
Finding Aid Type	Y	<finding-aids> <finding-aid num=""> <finding-aid-note/> <finding-aid-type/> <finding-aid-source/> </finding-aid> </finding-aids>	Y	These attributes repeat as a group.
Finding Aid Note	Y			
Finding Aid Source	Y			

¹ There is no attribute in the LCDRG for "Dates for Inclusion with Title". However, there are various date attributes in the LCDRG that are concatenated with the Title and displayed on ARC Web to create the <title-date> value. At the Collection level, the attribute Inclusive Dates is concatenated with Title to form the <title-date> value.

Variant Control Number Type	Y	<pre> <variant-control-numbers> <variant-control-number num="" mlr=""> <variant-note/> <variant-number/> <variant-type/> </variant-control-number> </variant-control-numbers> </pre>	Y	<p>These attributes repeat as a group.</p> <p>The mlr attribute is set to “true” or “false” depending on whether the number is an mlr number or not. MLR numbers are repeated in the <mlr-numbers> <mlr-number/> </mlr-numbers> tags so they may be displayed separately.</p>
Variant Control Number	Y			
Variant Control Number Note	Y			

Series, File Unit, Item/Item (AV)				
Attributes	In the LCDRG (Y/N)	ARC XML tags	Repeatable (Y/N)	Comment
Scale Note	Y	<scale-note/>	N	
Custodial History Note	Y	<custodial-history-note/>	N	
Numbering Note	Y	<numbering-note/>	N	
Transfer Note	Y	<transfer-note/>	N	
Date Note	Y	<date-note/>	N	
Local Identifier	Y	<local-identifier/>	N	
Sequence Number	N	<sequence-number/>	N	Determines the order it appears under a parent record.
Higher Level Description Identifiers	N	<hierarchy> <hierarchy-item/> </hierarchy>	Y	A list of the ARC IDs of the all descriptions higher than the archival description being displayed.
MLR Number	N ¹	<mlr-numbers> <mlr-number/> </mlr-numbers>	Y	
Parent Description	N ²	<parent parent-id=""> <parent-lod/> <parent-title/> </parent>	N	<parent-title> will have the dates in it after the title as displayed in ARCWeb.
General Note	Y	<general-notes> <general-note/> </general-notes>	Y	

¹ MLR Number is not an attribute in the LCDRG, but rather a data value in the Variant Control Number Type Authority List, "HMS/MLR Entry Number".

² Every series description must be placed in a record group or collection. Every file unit or item description must link up to a series description. These linkages allow us to maintain the hierarchy and provenance of records.

Personal Contributor	Y	<pre> <contributors> <contributor num="" contributor-record-type="" contributor-id="" standard=""> <contributor-display/> <contributor-type/> </contributor> </contributors> </pre>	Y	<p>The 'contributor-record-type' data value will indicate if the associated data is for personal or organizational contributors.</p> <p>Personal Contributor and Personal Contributor Type data by should be grouped together and Organizational Contributor and Organizational Contributor Type should be grouped together.</p>
Personal Contributor Type	Y			
Organizational Contributor	Y		Y	
Organizational Contributor Type	Y			
Accession Number	Y	<pre> <accession-numbers> <accession-number/> </accession-numbers> </pre>	Y	
General Records Types	Y	<pre> <general-records-types> <general-records-type> <general-records-type-id/> <general-records-type-desc/> </general-records-type> </general-records-types> </pre>	Y	
Language	Y	<pre> <languages> <language/> </languages> </pre>	Y	
Other Title	Y	<pre> <other-titles> </other-titles> </pre>	Y	
Geographic Reference	Y	<pre> <subject-references> <subject-reference num="" subject-id="" subject- type="" standard=""> <display-name/> </subject-reference> </subject-references> </pre>	Y	<p><display-name/> is the value to be displayed.</p>
Personal Reference	Y			
Organizational Reference	Y			
Specific Records Type	Y			
Topical Subject	Y			
Access Restriction Status	Y	<pre> <access-restriction> <restriction-status/> </pre>	N	<p>Access Restriction Attributes should be grouped together.</p>

Specific Access Restriction	Y	<pre> <restriction-note/> <specific-access- restrictions> <specific-access- restriction_row num=""> <security- classification/> <restriction/> </specific-access- restriction> </specific-access- restrictions> </access-restriction> </pre>	Y	Specific Access Restriction and Security Classification may be repeated as a group.
Security Classification	Y		Y	
Access Restriction Note	Y		N	
Use Restriction Status	Y	<pre> <use-restriction> <use-status/> <use-note/> <specific-use-restrictions> <specific-use- restriction_row num=""> <specific-use- restriction/> </specific-use- restriction_row> </specific-use-restrictions> </use-restriction> </pre>	N	Use Restriction Attributes should be grouped together.
Specific Use Restriction	Y		Y	Specific Use Restriction is repeatable within this grouping.
Use Restriction Note	Y		N	
Former Collection	Y	<pre> <former-control-groups> <former-control-group> <former-id/> <former-type/> <former-title/> </former-control-group> </former-control-groups> </pre>	Y	The <former-type> value distinguishes Former Collections from Former Record Groups. Both types are repeatable and should be grouped separately.
Former Record Group	Y		Y	
Online Resource	Y	<pre> <online-resources> <online-resource> <online-resource- description/> <online-resource- </pre>	Y	The online resource attributes are repeatable as a group.
Online Resource URL	Y			

Online Resource Note	Y	<pre> url/> <online-resource- note/> </online-resource> </online-resources> </pre>		
Variant Control Number Type	Y	<pre> <variant-control-numbers> <variant-control-number num="" mlr=""> <variant-note/> <variant-number/> <variant-type/> </variant-control-number> </variant-control-numbers> </pre>		<p>These attributes repeat as a group.</p> <p>The mlr attribute is set to “true” or “false” depending on whether the number is an mlr number or not. MLR numbers are repeated in the</p> <pre> <mlr-numbers> <mlr-number/> </mlr-numbers> </pre> <p>tags so they may be displayed separately.</p>
Variant Control Number	Y			
Variant Control Number Note	Y			
Physical and Media Occurrences			Y	<p>Each Series, File, Item and Item (AV) description must have at least one physical occurrence and at least one related media occurrence.</p> <p>Each description may have multiple physical occurrences and each physical occurrence may have multiple media occurrences.</p> <p>Physical occurrence and media occurrence elements that are available for each of these levels are shown in the following rows. The following tables include physical and media attributes that are only available at those levels.</p>
Physical Occurrence Attributes		<pre> <physical-occurrences> <physical-occurrence> </physical-occurrence> </physical-occurrences> </pre>	Y	
Copy Status	Y	<copy-status/>	N	
Extent	Y	<extent/>	N	
Physical Occurrence Note	Y	<note/>	N	

Reference Unit Name	Y ¹	<pre> <reference-units> <reference-unit num=" "summary=""> <ref-id/> <name/> <address1/> <address2/> <city/> <state/> <postcode/> <mailcode/> <phone/> <fax/> <email/> </reference-unit> </pre>	Y	<p><ref-id> is the unique id of the Reference Unit.</p> <p>The unique ID of the Reference Unit should not be displayed.</p>
Reference Unit Address 1	N			
Reference Unit Address 2	N			
Reference Unit City	N			
Reference Unit State	N			
Reference Unit Zip Code	N			
Reference Unit NARA Mail Code	N			
Reference Unit Phone Number	N			
Reference Unit Fax Number	N			
Reference Unit Email	N			
Media Occurrence Attributes		<pre> <media-occurrences> <media-occurrence num=""> </media-occurrence> </media-occurrences> </pre>	Y	To repeat a media occurrence attribute, the entire media occurrence is repeated.
Media Type	Y	<media-type/>		
Color	Y	<color/>		
Container ID	Y	<container-id/>		
Dimension	Y	<dimension/>		
Height	Y	<height/>		
Width	Y	<width/>		
Depth	Y	<depth/>		
Media Occurrence Note	Y	<media-occurrence-note/>		
Physical Restriction Note	Y	<physical-restriction-note/>		
Piece Count	Y	<piece-count/>		
Process	Y	<process/>		
Reproduction Count	Y	<reproduction-count/>		

¹ The attribute in the LCDRG is actually "Reference Unit", and it is a concatenation of all of the Reference Unit values for Name, Address 1, Address 2, City, State, Zip Code, NARA Mail Code, Phone Number, Fax Number, and Email address.

Technical Access Requirements Note	Y	<technical-access-note/>		
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Series				
Attributes	In the LCDRG (Y/N)	ARC XML tags	Repeatable (Y/N)	Comment
Title	Y	<title/>	N	
Function and Use Note	Y	<function-use-note/>	N	
Arrangement	Y	<arrangement-note/>	N	
Edited	Y	<edited-status/>	N	
Sound Type	Y	<sound-type/>	N	
Includes/Children Count	N	<file-unit-count/>	N	Series may have files and/or items as immediate children.
		<item-count/>	N	
Inclusive Dates	Y	<inclusive-dates> <inc-start-date/> <inc-end-date/> </inclusive-dates>	N	
Creating Individual	Y	<creators> <creator num="" creator-record-type="" summary="" creator-id="" standard=""> <creator-display/> <creator-type/> </creator> </creators>	Y	'Creating ...' and 'Creating ... Type' should be grouped together. A series will have only Creating Individual(s) or Creating Organization(s).
Creating Individual Type	Y			
Creating Organization	Y		Y	
Creating Organization Type	Y			
Disposition Authority Number	Y	<disposition-authority-numbers> <disposition-authority-number/> </disposition-authority-numbers>	Y	
Records Center Transfer Number	Y	<rct-numbers> <rct-number/> </rct-numbers>	Y	
Internal Transfer Number	Y	<internal-transfer-numbers> <internal-transfer-number/> </internal-transfer-numbers>	Y	

Microform Publication Identifier	Y	<pre> <microform-publications> <microform-publication num=""> <microform-note/> <microform-id/> <microform-title/> </microform-publication> </microform-publications> </pre>		These attributes repeat as a group.
Microform Publication Title	Y			
Microform Publication Note	Y			
Finding Aid Type	Y	<pre> <finding-aids> <finding-aid num=""> <finding-aid-note/> <finding-aid-type/> <finding-aid-source/> </finding-aid> </finding-aids> </pre>	Y	These attributes repeat as a group.
Finding Aid Note	Y			
Finding Aid Source	Y			
Physical Occurrence Attributes				
Container List	Y	<container-list/>	N	
Holdings Measurement Type	Y	<pre> <holdings-measurements> <holdings-measurement num=""> <measurement-count/> <measurement-type/> </holdings-measurement> </holdings-measurements> </pre>	Y	These attributes repeat as a group.
Holdings Measurement Count	Y			

File Unit				
Attributes	In the LCDRG (Y/N)	ARC XML tags	Repeatable (Y/N)	Comment
Title	Y	<title/>	N	
Dates for Inclusion with Title	N ¹	<title-date/>	N	
Arrangement	Y	<arrangement-note/>	N	
Edited	Y	<edited-status/>	N	
Sound Type	Y	<sound-type/>	N	
Includes/Children Count	N	<item-count/>	N	
Record Group/Collection	N ²	<parent-control-group parent-control-id=""> <parent-control-lod/> <parent-control-title/> </parent-control-group>	N	
Inclusive Dates	Y			Files inherit dates from their parent series.
Creating Individual	Y		Y	Files inherit creator data from their parent series.
Creating Individual Type	Y			
Creating Organization	Y		Y	
Creating Organization Type	Y			
Finding Aid Type	Y	<finding-aids> <finding-aid num=""> <finding-aid-note/> <finding-aid-type/> <finding-aid-source/> </finding-aid> </finding-aids>	Y	These attributes repeat as a group.
Finding Aid Note	Y			
Finding Aid Source	Y			

¹ There is no attribute in the LCDRG for “Dates for Inclusion with Title”. However, there are various date attributes in the LCDRG that are concatenated with the Title and displayed on ARC Web to create the <title-date> value. At the File Unit level, the attribute Coverage Dates is concatenated with Title to form the <title-date> value.

² Archival descriptions are linked for archival hierarchy via the <parent-control-group>. Every series description must be placed in a record group or collection. Every file unit or item description must link up to a series description. These linkages allow us to maintain the hierarchy and provenance of records.

Object Number	N	<pre> <objects> <object num=""> <description/> <mime-type/> <designator/> <file-size/> <file-url/> <thumbnail-url/> <object-sequence-number/> </object> </objects> </pre>	Y	These attributes repeat as a group.
Object Description	Y			
Mime Type	N			
Object Designator	Y			
(Access) File Size	Y			
(Access) File URL	Y [This is called Access Filename in the LCDRG]			
Thumbnail URL	Y [This is called Thumbnail Filename in the LCDRG]			
Object Sequence Number	N			

Item				
Attributes	In the LCDRG (Y/N)	ARC XML tags	Repeatable (Y/N)	Comment
Title	Y	<title/>	N	
Dates for Inclusion with Title	N ¹	<title-date/>	N	
Record Group/Collection	N ²	<parent-control-group parent-control-id=""> <parent-control-lod/> <parent-control-title/> </parent-control-group>	N	
Inclusive Dates	Y		N	Items inherit dates from their parent series.
Broadcast Dates	Y	<broadcast-dates> <broadcast-date/> </broadcast-dates>	Y	
Copyright Dates	Y	<copyright-dates> <copyright-date/> </copyright-dates>	Y	
Production Dates	Y	<production-dates> <production-date/> </production-dates>	Y	
Release Dates	Y	<release-dates> <release-date/> </release-dates>	Y	
Creating Individual	Y		Y	Items inherit creator data from their parent/grandparent series.
Creating Individual Type	Y			
Creating Organization	Y		Y	
Creating Organization Type	Y			

¹ There is no attribute in the LCDRG for “Dates for Inclusion with Title”. However, there are various date attributes in the LCDRG that are concatenated with the Title and displayed on ARC Web to create the <title-date> value. At the Item level, the first non-null value for a date is concatenated with Title to form the <title-date> value. Only one date or date range is used, from a choice of Coverage Dates, Production Dates, and Copyright Dates (in order of preference.) Where there are multiple values (e.g. multiple Production Dates), a choice is made on the basis of the date’s accuracy: an unqualified date is preferred; next in preference, a date with a “.ca” qualification; finally, a date with “?” qualification. If multiple date values exist within one of these categories, an arbitrary choice is made.

² Archival descriptions are linked for archival hierarchy via the <parent-control-group>. Every series description must be placed in a record group or collection. Every file unit or item description must link up to a series description. These linkages allow us to maintain the hierarchy and provenance of records.

Object Number	N	<pre> <objects> <object num=""> <description/> <mime-type/> <designator/> <file-size/> <file-url/> <thumbnail-url/> <object-sequence-number/> </object> </objects> </pre>	Y	These attributes repeat as a group.
Object Description	Y			
Mime Type	N			
Object Designator	Y			
(Access) File Size	Y			
(Access) File URL	Y [This is called Access Filename in the LCDRG]			
Thumbnail URL	Y [This is called Thumbnail Filename in the LCDRG]			
Object Sequence Number	N			
Media Occurrence Attributes				
Base	Y	<base/>		
Emulsion	Y	<emulsion/>		

Item (AV)¹				
Attributes	In the LCDRG (Y/N)	ARC XML tags	Repeatable (Y/N)	Comment
Title	Y	<title/>	N	
Subtitle	Y	<subtitle/>	N	
Dates for Inclusion with Title	N ²	<title-date/>	N	
Edited	Y	<edited-status/>	N	
Sound Type	Y	<sound-type/>	N	
Shot List	Y	<shotlist/>	N	
Record Group/Collection	N ³	<parent-control-group parent-control-id=""> <parent-control-lod/> <parent-control-title/> </parent-control-group>	N	
Production Series Title	Y	<production-series> <series-number/> <series-subtitle/> <series-title/> </production-series>	Y	These attributes repeat as a group.
Production Series Subtitle	Y			
Production Series Number	Y			
Inclusive Dates	Y			Items (AV) inherit dates from their parent series.
Broadcast Dates	Y	<broadcast-dates> <broadcast-date/> </broadcast-dates>	Y	
Copyright Dates	Y	<copyright-dates> <copyright-date/> </copyright-dates>	Y	

¹ This is a special type of Item – it is an Item that is either a moving images or a sound recording. These “audiovisual” items have additional attributes not used to describe “non-audiovisual” items.

² There is no attribute in the LCDRG for “Dates for Inclusion with Title”. However, there are various date attributes in the LCDRG that are concatenated with the Title and displayed on ARC Web to create the <title-date> value. At the Item (AV) level, the first non-null value for a date is concatenated with Title to form the <title-date> value. Only one date or date range is used, from a choice of Coverage Dates, Production Dates, and Copyright Dates (in order of preference.) Where there are multiple values (e.g. multiple Production Dates), a choice is made on the basis of the date’s accuracy: an unqualified date is preferred; next in preference, a date with a “.ca” qualification; finally, a date with “?” qualification. If multiple date values exist within one of these categories, an arbitrary choice is made.

³ Archival descriptions are linked for archival hierarchy via the <parent-control-group>. Every series description must be placed in a record group or collection. Every file unit or item description must link up to a series description. These linkages allow us to maintain the hierarchy and provenance of records.

Production Dates	Y	<production-dates> <production-date/> </production-dates>	Y				
Release Dates	Y	<release-dates> <release-date/> </release-dates>	Y				
Creating Individual	Y		Y	Items (AV) inherit creator data from their parent/grandparent series.			
Creating Individual Type	Y						
Creating Organization	Y		Y				
Creating Organization Type	Y						
Object Number	N	<objects> <object num=""> <description/> <mime-type/> <designator/> <file-size/> <file-url/> <thumbnail-url/> <object-sequence-number/> </object> </objects>	Y	These attributes repeat as a group.			
Object Description	Y						
Mime Type	N						
Object Designator	Y						
(Access) File Size	Y						
(Access) File URL	Y [This is called Access Filename in the LCDRG]						
Thumbnail URL	Y [This is called Thumbnail Filename in the LCDRG]						
Object Sequence Number	N						
Physical Occurrence Attributes							
Total Footage	Y				<total-footage/>	N	
Total Running Time	Y	<total-running-time/>	N				
Media Occurrence Attributes							
Footage	Y	<footage/>	N				
Format	Y	<format/>	N				
Recording Speed	Y	<recording-speed/>	N				
Reel/Tape/Disc Number	Y	<reel-tape-disc-no/>	N				
Element Number	Y	<element-number/>	N				
Roll	Y	<roll-type/>	N				

Running Time	Y	<running-time/>	N	
Soundtrack Configuration	Y	<soundtrack-config/>	N	
Soundtrack Language	Y	<soundtrack-lang/>	N	
Tape Thickness	Y	<tape-thickness/>	N	
Wind	Y	<wind/>	N	

Appendix A

The following attributes are not included in the Lifecycle Data Requirements Guide (LCDRG). This table has been provided to clarify what these attributes are and how they are defined.

Attribute	ARC XML tags	Repeatable (Y/N)	Level Available	Definition
ARC Identifier	<arc-id/>	N	All	A numeric identifier that is immutable and unique across the entire catalog.
Last edited date	<edited-timestamp/>	N	All	An encoded version of the last edited date used for searching.
Includes/Children Count	<series-count/> <file-unit-count/> <item-count/>	N	Record Group, Collection, Series, File Unit	The count of the number of descriptions linked as children to the archival description being displayed. If there are no children, a count is not provided.
Sequence Number	<sequence-number/>	N	Series, File Unit, Item	This number determines the order a child description appears under its parent description.
Higher Level Description Identifiers	<hierarchy> <hierarchy-item/> </hierarchy>	N	Series, File Unit, Item	A list of the ARC IDs of all the linked descriptions higher in the immediate hierarchy than the archival description being displayed.
MLR Number	<mlr-numbers> <mlr-number/> </mlr-numbers>	Y	Series, File Unit, Item	The finding aid designator (prefix and suffix) and the entry number (prefix and suffix) that together uniquely identify an entry in NARA's Master Location Register (MLR) database or the Holdings Management System (HMS), the successor to the MLR.
Parent Description	<parent parent-id=""> <parent-lod/> <parent-title/> </parent>	N	Series, File Unit, Item	This is the Title, Dates, and Level of Description of the parent linked to the archival description being displayed.
Reference Unit Address 1	<address1/>	N	Series, File Unit, Item	The first line of the reference unit's address.
Reference Unit Address 2	<address2/>	N	Series, File Unit, Item	The second line of the reference unit's address.
Reference Unit City	<city/>	N	Series, File Unit, Item	The city of the reference unit being described.
Reference Unit State	<state/>	N	Series, File Unit, Item	The state of the reference unit being described.
Reference Unit Zip Code	<postcode/>	N	Series, File Unit, Item	The reference unit's postal code.
Reference Unit NARA Mail	<mailcode/>	N	Series, File Unit,	The NARA mailing code for the reference unit.

Code			Item	
Reference Unit Phone Number	<phone/>	N	Series, File Unit, Item	The reference unit's telephone number.
Reference Unit Fax Number	<fax/>	N	Series, File Unit, Item	The reference unit's fax number.
Reference Unit Email	<email/>	N	Series, File Unit, Item	The reference unit's email address.
Record Group/Collection	<parent-control-group parent-control-id=""> <parent-control-lod/> <parent-control-title/> </parent-control-group>	N	File Unit, Item	The Record Group or Collection to which the description is linked within its archival hierarchy.
Object Number	<object num="">	N	File Unit, Item	The 1-relative index of the current digital object being shown.
Mime Type	<mime-type/>	N	File Unit, Item	The mime type of the digital record, allowing the client to choose what application is best to view the object in.
Object Sequence Number	<object-sequence-number/>	N	File Unit, Item	This determines the order a digital object is displayed within an archival description record.