

A/V CATALOGING AT THE CROSSROADS: CARTOGRAPHIC RESOURCES BASICS USING RDA

SCOPE OF OLAC WORKSHOP

We will focus on choosing the title proper when two or more titles are present; scale statements and recording coordinates; as well as physical description, though primarily dimensions.

Can also touch on the new Content, Media, and Carrier type fields.

Having fun with hands-on activities!



TOOLS FOR CARTOGRAPHIC RESOURCES CATALOGING

- RDA Toolkit (<http://access.rdatoolkit.org/>)
- RDA and Cartographic Resources*
- Cartographic Materials: A Manual of Interpretation for AACR2* (still valid aspects)
- Cataloging Sheet Maps, The Basics*
- LC's Map Cataloging Manual (if following LC practice on things some items still valid)
- Natural Scale Indicator; calculator, magnifying lense

For coordinates:

Geographic Names Information Server (<http://geonames.usgs.gov/>)

Klokan Bounding Box Tool (<http://boundingbox.klokantech.com/>)

FRBR GROUP 1 ENTITIES: A Model of Relationships

- ❑ WORK: “a distinct intellectual or artistic creation”
- ❑ EXPRESSION: “the intellectual or artistic realization of a work in the form of...”
- ❑ MANIFESTATION: “the physical embodiment of an expression of a work”
- ❑ ITEM: “a single exemplar of a manifestation”

Often referring to them as WEMI...

BASIC PRINCIPLES ABOUT CARTOGRAPHIC RESOURCES AND THEIR DESCRIPTION

- ❑ Information type = graphic (primarily)
- ❑ Description is of the “main map” or “main maps” only; insets and/or ancillary maps are treated differently
- ❑ From 3-dimensional reality to 2-dimensional substitute = need to include scale and projection data
- ❑ Difference between a “panel” and “cover” (this afternoon)

RDA PRINCIPLES THAT APPLY

- Principle of Representation or “Take what you see” (transcription)
- Core and “core if”
- Mode of Issuance (we’ll cover only “single unit”)
- Sources of Information (basically unchanged from AACR2 for cartographic resources, unlike others)

CHANGES TO RECORDS FOR CARTOGRAPHIC MATERIALS

- Focus is on changes to mathematical data elements, particularly those found in 255 \$a
 - square brackets no longer used
 - “ca.” and abbreviations changes

- Focus is also on changes to physical description data elements
 - abbreviations...again
 - metric symbols, not an abbreviation



MAP TITLES OVERVIEW

- Single title that can only be read one way, for example CIA maps
- Single title that can be read differently and still maintain sense (layout, typography factors)
- More than one title to choose from (in different locations; sometimes one or more can also be read differently and still make sense)

RDA COVERAGE OF TITLE PROPER

RDA Instruction 2.3 = Title

- Title proper is a core element, other title types are optional (we're focusing on Title proper)
- 2.3.2 = Title proper
- **2.3.2.5** = Title in More than One Form (very important, see separate handout for how to choose)

TWO OR MORE TITLES: HOW TO CHOOSE THE TITLE PROPER

Primary goal no matter the locations of the titles:
2.3.2.5 “If the sequence, layout, and typography do not provide the basis for a clear choice, choose the most comprehensive title.”

OR

choose the title that includes area AND subject or topic. If no subject/topic involved, it must include the geographic area covered.



SCALE AND OTHER “MATHEMATICAL” STATEMENTS

WHAT IS GEOGRAPHIC SCALE?

$$\text{Map Scale} = \frac{\text{Map Distance}}{\text{Earth Distance}}$$

INSTRUCTIONS FOR 255 FIELD ELEMENTS

- Scale statements (255\$a) = **7.25** *Scale*
- Projection (255\$b) = **7.26** *Projection of Cartographic Content*
- Coordinates (255\$c) = **7.4** *Coordinates of Cartographic Content*

7.25.1.3 *Recording Scale* mirrors Area 3.3 of Chapter 3 in AACR2 except: the explicit use of the term “Scale” in the statement; the use of square brackets; and the use of “ca.”

FORMS OF SCALE WHEN SHOWN ON THE RESOURCE

- I. Representative Fraction, for example:
1:24,000
- II. Verbal, for example:
1 inch = 1 mile
- III. Bar or “graphic” scale/diagram, for example:





SUPPLIED SCALE PHRASES

When scale is not shown in one of the three methods covered, established practice is to supply one of the following four phrases depending on circumstance.

See Instruction **7.25.1.3** for:

- Scale not given
- Not drawn to scale

See **7.25.1.4** for the phrases:

- Scale varies
- Scales differ

The most commonly-used phrases are “Scale not given” and “Scales differ”.

Changed Mathematical Data Elements: Square Brackets, “approximately” and “Scale”

AACR2 Format

Scale [ca. 1:10,000]

Scale [1:600]. 50 ft. to an in.

3.3B1. Give scale as a RF, if not in that form convert and give in square brackets with “ca.” if computed from a NSI, or only in square brackets if computed from a verbal scale.

RDA Format

Scale approximately 1:10,000

Scale 1:600. 50 ft. to an in.

7.25.1.3, instructions for recording scale overall, must give as RF form;
7.25.3.3 instructions for recording horizontal scale. Square brackets are NOT used.

COORDINATES AND RECORDING THEM

ONLINE TOOLS FOR DISCOVERING COORDINATES OF PLACES

- For bounding box coordinate values use:

Klokan Bounding Box Tool <http://boundingbox.klokantech.com/>

- For point or x,y coordinate values use:

Geographic Names Information Server (GNIS)

<http://geonames.usgs.gov/> = (U.S. and Antarctica)

GEOnet Names Server (GEOnet)

<http://earth-info.nga.mil/gns/html/index.html> = (foreign, or non-U.S., locations)



PHYSICAL DATA ELEMENTS

RDA INSTRUCTIONS FOR 300 FIELD ELEMENTS

Extent = 3.4 (for all resources)

3.4.2 *Extent of Cartographic Resource*

3.4.2.2 = SMD's (similar to AACR2 list)

Other Physical Details = Mix of Instructions,
depending on detail-type, e.g., 3.11 for Layout
(differs from AACR2 where all types are together)

Dimensions = 3.5 (for all resources)

3.5.2 *Dimensions of a Map*

Physical Description Elements: Attribute of Color/Colour

- In AACR2, 3.5C it is found in “other physical details” and all aspects are collocated in one location (layout, production method, number of maps in an atlas, color, medium, material, mounting)
- In RDA, instructions for most of these attributes are in Chapter 3, but the attribute of **color** is found in Chapter 7 at **7.17.1.3**

PHYSICAL DESCRIPTION: DIMENSIONS OVERVIEW

- Measure from the neat line [but what if there isn't a neat line"?] = **3.5.2.2**
- Measurement is given in centimeters (cm) rounded up to the next highest = **3.5.2.2**
- Use of “or smaller” when dealing with three or more resources on a single carrier or on multiple carriers = **3.5.2.3**
- Measuring maps delivered in segments = **3.5.2.4**
- Measure the resource, but can also measure and provide for the carrier elements (see **3.5.2.6, 3.5.2.7**)



33X FIELDS
(CONTENT, MEDIA, CARRIER TYPE
TERMS AND CODES)

NEW 33X FIELDS

- Directly related to extensible framework
- Gives potentially greater detail than data found in the physical description area (300 field)
- Controlled vocabulary (easier to machine manipulate)
- Repeatable fields (use when needed)

<u>MARC Tag</u>	<u>Name</u>	<u>RDA Instruction</u>
336	Content Type	6.9 (Core)
337	Media Type	3.2
338	Carrier Type	3.3 (Core)

33X FIELDS: A WAY TO REMEMBER EACH

- 336 Content Type = “what is it?”
- 337 Media Type = “how is it accessed?”
- 338 Carrier Type = “where is it stored?”

WHERE TO FIND PAIGE

Faculty Maps Cataloging Librarian
Cataloging & Metadata Services Dept.
126N Paterno Library
Pennsylvania State University
University Park, PA 16802
814-867-0786
pga2@psu.edu