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

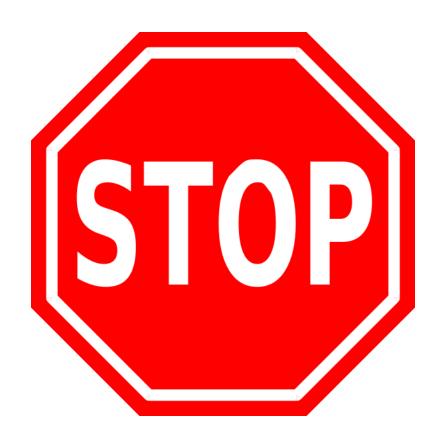
SCOPE OF OLAC WORKSHOP

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)	
(transcription)	

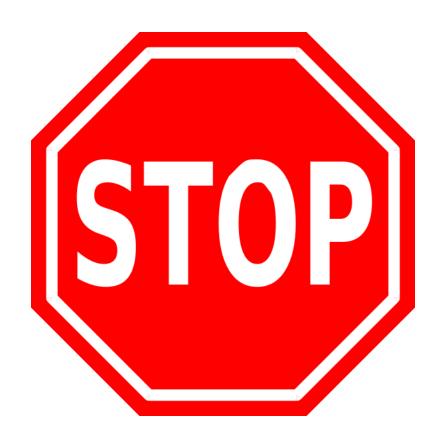
- ☐ Core and "core if"
- ☐ Mode of Issuance (we'll cover only "single unit")
- ☐ Sources of Information (basically unchanged from AACR2 for cartographic resources, unlike others)



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, <u>not</u> an abbreviation





MAP TITLES OVERVIEW

- Single title that can only be read one way, for example CIA maps
- Singe 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?



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 <u>except</u>: 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 <u>not shown</u> 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:

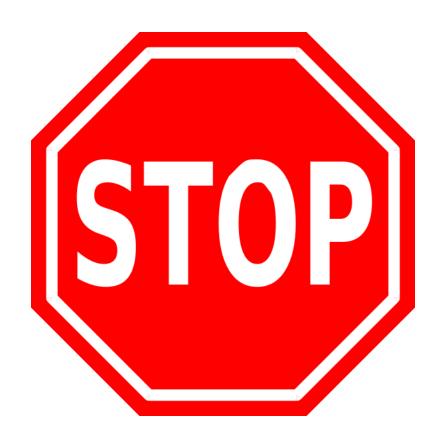
Klokan Bounding Box Tool http://boundingbox.klokantech.com/

• 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

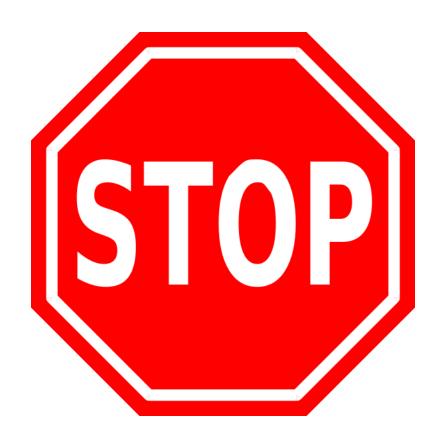
- In AACR2, 3.5C it is found in "other physical details" and all aspects are collocated in one location (layout, production method, number of maps in an atlas, color, medium, material, mounting)
- In RDA, instructions for most of these attributes are in Chapter 3, but the attribute of **color** is found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

MARC Tag	<u>Name</u>	RDA Instruction
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