PUBLIC MINUTES OF JULY 2022 MEETING
RDA Steering Committee
Asynchronous Meeting
11-14 July 2022

Attending: Linda Barnhart, RSC Secretary
Renate Behrens, RSC Chair-Elect
Charlene Chou, Wider Community Engagement Officer
Charlotte Christensen, backup Oceania representative
Ahava Cohen, Europe representative
Kathy Glennan, RSC Chair
James Hennelly, Director, ALA Digital Reference
Damian Iseminger, Technical Team Liaison Officer
Robert Maxwell, North America representative
Honor Moody, RDA Examples Editor
Daniel Paradis, Translations Team Liaison Officer
Melissa Parent**,** Oceania representative
Elisa Sze, Education and Orientation Officer
John Trevor-Allen, Chair, RDA Board
Anne Welsh, RSC Secretary-Elect

Observers who attended the 12 July 2022 synchronous call:

Thomas Brenndorfer, Guelph Public Library, Canada
Mary Burns, Northern Illinois University, USA
Olivera Nastic, Belgrade City Library, Serbia

Executive Session

332   Catching up

RSC members informally shared updates of their activities in lieu of formal written reports.

333   RDA Assessment Group update

The RDA Assessment Group, an internal RSC subgroup, was formed in April 2021 for the purpose of examining issues that fall into the middle ground between a Fast Track

change and a discussion paper or proposal. These topics are most often received through user feedback. The group is comprised of the RSC Secretary and the regional representatives. Since the April RSC meeting, the RDA Assessment Group discussed one issue which will be brought to the RSC as a Fast Track. A second topic is still under discussion.

334   Progress reports from four Working Groups

Each of the four task-and-finish working groups provided a progress report to the RSC. These four groups are the Extent Working Group, the Official Languages Working Group, the Place/Jurisdiction Working Group, and the Religions in RDA Working Group. The committee agreed that each working group was on the right track and answered some specific questions asked by two working group chairs.

335   Application profiles next steps

The RSC continued to move forward the work on application profiles. The Technical Team Liaison officer contributed a briefing paper to frame this topic for RSC discussion. The briefing paper "describes the properties of the Dublin Core Tabular Application Profile (DCTAP) and how they, along with suggested properties specific to RDA, may be used to define application profiles for use with RDA. The briefing paper also discusses ways in which tabular application profiles could be shared on the RDA Registry and how one might use such a profile in the context of RDA Toolkit." Many RSC members agreed with the sample application profile that supplemented the briefing paper and there was discussion about the scope and purpose. The RSC recognized the need that cataloguing agencies have for a basic application profile to use as a launchpad for developing an application profile most suited to their environment. However, some members thought it was preferable to focus on having user communities share their application profiles and experiences. Most RSC members supported sharing general information with users and offered specific suggestions for doing so. The group agreed with using the RDA Registry as a clearinghouse for application profiles, but also strongly supported having application profiles integrated into Toolkit functionality as soon as possible.

336   Implementation and training ideas

The RSC exchanged ideas and experiences with planning for official Toolkit adoption, implementation, and training.

Public Session

337   RSC/TranslationsTLO/2022/1

The RSC discussed this proposal during a public Zoom call on 12 July which included three observers. RSC members provided formal written responses which are posted on the RSC website.

The purpose of the proposal, from the proposal abstract: "This proposal corrects the narrower element hierarchy for eight elements within Manifestation: manufacturer agent. For consistency, a parallel action extends the same change to the other elements in the "agent" hierarchy—Collective Agent, Corporate Body, Family, and Person—and to their inverses. Thus, this hierarchy change affects a total of 80 elements. Definitions for some, but not all, elements are revised to be consistent with this change in hierarchy."

Recommendation #1 (book designer agent and its agent subtypes): This recommendation was approved with the following modifications:
- Change the broader element from "related agent of manifestation" or its agent subtypes to "creator agent of manifestation" or its agent subtypes
- Change the broader element from "related manifestation of agent of" or its agent subtypes to "creator agent of manifestation of" or its agent subtypes

Recommendation #2 (papermaker agent and its agent subtypes): The RSC agreed with this recommendation as stated in the proposal rather than with specific adjustments subsequently suggested by RSC members. There was agreement that the definitions should be adjusted to account for both published and unpublished materials. The RSC did not agree with adding a scope note proposed by EURIG.

Recommendation #3 (platemaker agent and its agent subtypes): This recommendation was approved with the following modifications. The RSC did not agree with adding a scope note proposed by EURIG.
- Change the broader element from "related agent of manifestation" or its agent subtypes to "creator agent of manifestation" or its agent subtypes
- Change the broader element from "related manifestation of agent" or its agent subtypes to "creator agent of manifestation of" or its agent subtypes
- Modify the definitions of "platemaker agent" and its element subtypes to read as: An agent [collective agent etc.] who is responsible for preparing plates used in the making of printed images or text.
- Modify the definitions of "platemaker agent of" and its element subtypes to read as: A manifestation that involves a responsibility of an agent for preparing plates used in the making of printed images or text.

Recommendation #4 (printmaker agent and its agent subtypes): This recommendation was approved with the following modifications. The RSC did not agree with adding a scope note proposed by EURIG.
- Change the broader element from "related agent of manifestation" or its agent subtypes to "creator agent of manifestation" or its agent subtypes
- Change the broader element from "related manifestation of agent of" or its agent subtypes to "creator agent of manifestation of" or its agent subtypes

Recommendation #5 (collotyper agent and its agent subtypes): The RSC approved this recommendation and agreed to add "collotypist" as an alternate label.

Recommendation #6 (engraver agent and its agent subtypes): The RSC approved this recommendation. Iseminger suggested that the Technical Working Group could look into whether this is a shortcut element, noting the elements of engraver, platemaker, and artist.

Recommendation #7 (etcher agent and its agent subtypes): The RSC approved this recommendation.

Recommendation #8 (lithographer agent and its agent subtypes): The RSC approved this recommendation.

Moody recommended that by extension the broader element for Manifestation: caster agent and its inverses should also be changed to Manifestation: creator agent of manifestation, allowing the element to be used for both published and unpublished manifestations. The definition of this element should also be revised to:

> An agent who is responsible for making a manifestation by pouring a liquid or molten substance into a mold and leaving it to solidify to take the shape of the mold.

The RSC approved this recommendation.

[Follow-up: The Technical Team Liaison Officer updated the RDA Registry with the approved changes and this proposal was implemented in GitHub release 5.0.6 and in the September Toolkit release. The RSC Secretary and Secretary-Elect prepared an RSC Decisions document that makes explicit the specific approved changes and updated the RDA text with these changes; the proposal was implemented in the September Toolkit release.]

338   RSC/RSCSecretary/2022/1

This proposal was also discussed on the public Zoom call held on 12 July. RSC members provided formal written responses to this proposal which are posted on the RSC website.

The purpose of the proposal, from the proposal abstract: "RDA text is inconsistent in the wording and placement of information about supertype elements. This proposal recommends editorial changes to ten elements to improve consistency and increase clarity and one change to the Registry to correct a missing narrower element."

The RSC agreed to accept the proposal with amendments; those amendments are outlined below.

Recommendations #1 - 4:
> Work: coordinates of cartographic content
> Work: numeric designation of musical work

Expression: capture information
Expression: form of notation

The RSC approved these recommendations without discussion.

Recommendation #5: Manifestation: projection characteristic of motion picture film. The RSC approved the recommendation but agreed that the term "appropriate" should be used instead of "suitable" for consistency.

Recommendation #6: Manifestation: groove characteristic. The RSC approved the recommendation but agreed that the term "appropriate" should be used instead of "suitable" for consistency.

Recommendation #7: Manifestation: video characteristic. The RSC approved the recommendation but agreed that the term "appropriate" should be used instead of "suitable" for consistency.

Recommendation #8: Manifestation: sound characteristic. The RSC approved the recommendation but agreed that the term "appropriate" should be used instead of "suitable" for consistency.

Recommendation #9: Manifestation: digital file characteristic. Paradis recommended, and the RSC agreed, that in the bulleted list in Prerecording, Manifestation: cartographic data type should be indented underneath Manifestation: digital representation of cartographic content to parallel what was done for groove width and groove pitch in Recommendation 8. The RSC otherwise approved the recommendation but agreed that the term "appropriate" should be used instead of "suitable" for consistency.

Recommendation #10: Manifestation: digital representation of cartographic content. The RSC agreed to change the wording of the sentences shown here because there is only one element subtype for this element.

For a more specific description, use the following *element subtype* if appropriate:
- Manifestation: cartographic data type

Option
Record a value of the element subtype.

The RSC otherwise approved the recommendation but agreed that the term "appropriate" should be used instead of "suitable" for consistency.

[Follow-up: The Technical Team Liaison Officer updated the RDA Registry with the approved changes and this proposal was implemented in GitHub release 5.0.6 and in the September Toolkit release. The RSC Secretary and Secretary-Elect prepared an RSC Decisions document that makes explicit the specific approved changes and updated the RDA text with these changes; the proposal was implemented in the September Toolkit release.]

Executive Session

339   Community resources further discussion

The RSC continued to sharpen the future of the Community Resources area within RDA Toolkit by reacting to a paper submitted by James Hennelly. The group had extensive discussion of how to manage the existing Anglo-American legacy content, noting that the information located here continues to be needed to maintain current authority control systems. The group also talked about the best process for adding new content and was supportive of Hennelly's multi-tiered approach which would capitalize on the existing Toolkit functionality for Documents, Bookmarks, and Notes. Some members wondered about the wisdom of building a complex structure inside of RDA Toolkit and suggested that the Toolkit infrastructure should be as lightweight as possible. Hennelly will update this document and add more detail as informed by this discussion. The intent is to share the updated document publicly when it is ready.

340   October meeting planning

The RSC continued to plan for the October meeting, which by tradition has been an in-person meeting with the most substantive agenda. The committee confirmed that for 2022 this will again be an asynchronous meeting but with two Zoom calls. One will be open to observers for discussion of proposals; the second will be in Executive Session.

341   Review of past action items

RSC members reviewed and updated a list of tasks from earlier meetings.

342   New business

The RSC discussed two items of new business: (1) the use of broader/narrower or element subtype/supertype terminology in RDA, and (2) making it easier for a Latin American representative to come up to speed with the RSC.

343   Review of meeting 2022 July

RSC members were generally pleased with the meeting. There was brief discussion of some details regarding the proposal process.

Appendix to the Public Minutes

337   RSC/TranslationsTLO/2022/1

Proposal for correction of the narrower element hierarchy in Manifestation: manufacturer agent (etc.) and its inverses

Prepared by Daniel Paradis, Translations Team Liaison Officer

Abstract

This proposal corrects the narrower element hierarchy for 8 elements within Manifestation: manufacturer agent. For consistency, a parallel action extends the same change to the other elements in the "agent" hierarchy—Collective Agent, Corporate Body, Family, and Person—and to their inverses. Thus, this hierarchy change affects a total of 80 elements. Definitions for some, but not all, elements are revised to be consistent with this change in hierarchy.

These changes will be made in the Registry, which will propagate to the Toolkit. These changes do not affect any instructions in RDA text.

The Technical Team Liaison Officer has reviewed this proposal.

Background

The narrower elements of Manifestation: manufacturer agent in the March 2022 release of RDA Toolkit are:

For narrower elements, see

Manifestation: **book designer agent**

Manifestation: **braille embosser agent**

Manifestation: **caster agent**

Manifestation: **collotyper agent**

Manifestation: **engraver agent**

Manifestation: **etcher agent**

Manifestation: **lithographer agent**

Manifestation: **manufacturer collective agent**

Manifestation: **manufacturer person**

Manifestation: **papermaker agent**

Manifestation: **platemaker agent**

Manifestation: **printer agent**

Manifestation: **printmaker agent**

For the inverse of this element, see Agent: **manufacturer agent of**.

Eight elements highlighted above in this list are incorrectly placed in this hierarchy; this proposal moves them to their correct broader element. This action also applies to the other elements in the "agent" family—Collective Agent, Corporate Body, Family, and Person—and to their inverses, as shown in the tables below.

Justification

The definition of Manifestation: manufacturer agent (March 2022 release) is:

> An agent who is responsible for printing, duplicating, casting, or other method of manufacturing a published manifestation.

For 7 of the 8 manifestation elements being addressed in this proposal (except papermaker agent), the definition for each specifies that the element applies to an "agent who is responsible for manufacturing a manifestation".

A closer analysis reveals that, even though the agents contribute somehow to the manifestation, they are not actually responsible for manufacturing it.

For example, a book designer is responsible for the design of a book but does not actually manufacture it. The book design is not embodied into a manifestation until it is actually printed. The printer is therefore the manufacturer.

Collotypers, engravers, etchers, lithographers, platemakers and printmakers are responsible for preparing plates that are later used for printing, but not for the printing itself. The manifestation does

not come into being until the plates are actually used for printing. (For art prints, artists often create the design, prepare the plate and make the prints themselves, but these are separate processes that are not necessarily always performed by the same person. BAnQ has a large collection of art prints, which are submitted to legal deposit, and in these cases, we use three different elements even though the same person is responsible for all functions.)

This is even more obvious for a papermaker, whose definition does not use the wording used for agents "responsible for manufacturing a manifestation".

In Appendix I of the original Toolkit, these elements were listed at I.4.1, Relationship Designators for Manufacturer, but this location was a mistake because, according to RDA 21.6, they should have been under a separate category for Other Agent Associated with Manifestation, which however never existed. The element other agent associated with a manifestation was defined thus:

> An agent other than a producer, publisher, distributor, or manufacturer associated with a manifestation.
> Book designers, platemakers, etc., are included.

The four examples that illustrate the instruction include access points for a book designer, a lithographer, a collotyper (who made the collotype plates) and a braille embosser.

(Braille embosser agent is not included in this proposal because further analysis is necessary to determine the correct placement in the hierarchy or whether a single element is sufficient. Braille books used to be printed using embossed metal plates. In this case, a braille embosser is similar to a platemaker and is not responsible for the printing. Today, braille books can be produced by special impact printers, using braille translation software. In that case, the embosser plays the role of printer and is indeed responsible for manufacturing the manifestation.)

It seems therefore that the analysis of these elements was correct in the original Toolkit but that this analysis was not reflected accurately in Appendix I.

For the following elements and their inverses, which relate to printmaking:

> collotyper agent
> engraver agent
> etcher agent
> lithographer agent

the hierarchy could be further refined. There are three possible methods for preparing a printing surface: relief, intaglio, and planographic. The printmaker elements are defined as agents who make "a relief, intaglio, or planographic printing surface." The four elements mentioned above can be connected to one or two of these methods: collotype and lithography are planographic processes, etching is an intaglio process and engraving can be either a relief or an intaglio process, depending on the material and the technique used. Consequently, these elements should be narrower elements of the printmaker elements. This is corroborated by the hierarchy used in the Art & Architecture Thesaurus:

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................................................ printmakers
................................................ academic printmakers [N]
................................................ architectural printmakers [N]
................................................ book printmakers
................................................ chemigraphers
................................................ collotypists
................................................ drypointists
................................................ engravers (printmakers)
................................................ copper engravers
................................................ court engravers
................................................ mezzotinters
................................................ reproductions engravers
................................................ steel engravers
................................................ stipple engravers
................................................ etchers
................................................ aquatinters
................................................ reproductions etchers
................................................ stone etchers
................................................ linocutters
................................................ lithographers
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http://www.getty.edu/vow/AATHierarchy?find=printmakers&logic=AND&note=&page=1&subjectid=300025164

(In the AAT, printmakers are in the artists hierarchy, as creators, whereas RDA sees them as involved at the manifestation level. AAT is still useful in showing how the concepts are related to each other.)

Impact

Although numerous, these changes are a minor correction intended to sharpen precision and are not expected to have significant impact on current cataloguing.

This proposal would have no impact on the Policy Statement writers. There would be minor impact on translators, who would need to update the changed definitions in the Registry.

Summary of recommendations

Elements moved out of the manufacturer agent hierarchy:

Recommendation #1: Correct the broader element and some definitions for book designer agent and its inverses.

Recommendation #2: Correct the broader element for papermaker agent and its inverses.

Recommendation #3: Correct the broader element and some definitions for platemaker agent and its inverses.

Recommendation #4: Correct the broader element and some definitions for printmaker agent and its inverses.

Elements moved into the printmaker agent hierarchy:

Recommendation #5: Correct the broader element and some definitions for collotyper agent and its inverses.

Recommendation #6:   Correct the broader element and some definitions for engraver agent and its inverses.

Recommendation #7: Correct the broader element and some definitions for etcher agent and its inverses.

Recommendation #8: Correct the broader element and some definitions for lithographer agent and its inverses

Recommendation #1: Correct the broader element and some definitions for book designer agent and its inverses.

Rec no	Element label	Change in definition	Current broader element	Proposed new broader element
1a	Manifestation: book designer agent	An agent who is responsible for ~~manufacturing a manifestation by being responsible for~~ the entire graphic design of a book, including arrangement of type and illustration, choice of materials, and process used.	Manifestation: manufacturer agent	Manifestation: related agent of manifestation
1b	Manifestation: book designer collective agent	A collective agent who is responsible for ~~manufacturing a manifestation by being responsible for~~ the entire graphic design of a book, including arrangement of type and illustration, choice of materials, and process used.	Manifestation: manufacturer collective agent	Manifestation: related collective agent of manifestation
1c	Manifestation: book designer corporate body	A corporate body who is responsible for ~~manufacturing a manifestation by being responsible for~~ the entire graphic design of a book, including arrangement of type and illustration, choice of materials, and process used.	Manifestation: manufacturer corporate body	Manifestation: related corporate body of manifestation
1d	Manifestation: book designer family	A family who is responsible for ~~manufacturing a manifestation by being responsible for~~ the entire graphic design of a book, including arrangement of type and illustration, choice of materials, and process used.	Manifestation: manufacturer family	Manifestation: related family of manifestation
1e	Manifestation: book designer person	A person who is responsible for ~~manufacturing a manifestation by being responsible for~~ the entire graphic design of a book, including arrangement of type and illustration, choice of materials, and process used.	Manifestation: manufacturer person	Manifestation: related person of manifestation
1f	Agent : book designer agent of	A manifestation that involves a responsibility of an agent for the entire graphic design of a book, including arrangement of type and illustration, choice of	Agent: manufacturer agent of	Agent: related manifestation of agent

Rec no	Element label	Change in definition	Current broader element	Proposed new broader element
		materials, and process used. **[No change]**		
1g	Collective Agent : book designer collective agent of	A manifestation that involves a responsibility of a collective agent for the entire graphic design of a book, including arrangement of type and illustration, choice of materials, and process used. **[No change]**	Collective Agent: manufacturer collective agent of	Collective Agent: related manifestation of collective agent
1h	Corporate Body : book designer corporate body of	A manifestation that involves a responsibility of a corporate body for the entire graphic design of a book, including arrangement of type and illustration, choice of materials, and process used. **[No change]**	Corporate Body: manufacturer corporate body of	Corporate Body: related manifestation of corporate body
1i	Family : book designer family of	A manifestation that involves a responsibility of a family for the entire graphic design of a book, including arrangement of type and illustration, choice of materials, and process used. **[No change]**	Family: manufacturer family of	Family: related manifestation of family
1j	Person : book designer person of	A manifestation that involves a responsibility of a person for the entire graphic design of a book, including arrangement of type and illustration, choice of materials, and process used. **[No change]**	Person: manufacturer person of	Person: related manifestation of person

Recommendation #2: Correct the broader element for papermaker agent and its inverses.

Rec no	Element label	Change in definition [No change for these elements]	Current broader element	Proposed new broader element
2a	Manifestation: papermaker agent	An agent who is responsible for the production of paper used to manufacture a manifestation. **[No change]**	Manifestation: manufacturer agent	Manifestation: related agent of manifestation
2b	Manifestation: papermaker collective agent	A collective agent who is responsible for the production of paper used to manufacture a manifestation. **[No change]**	Manifestation: manufacturer collective agent	Manifestation: related collective agent of manifestation

Rec no	Element label	Change in definition [No change for these elements]	Current broader element	Proposed new broader element
2c	Manifestation: papermaker corporate body	A corporate body who is responsible for the production of paper used to manufacture a manifestation. **[No change]**	Manifestation: manufacturer corporate body	Manifestation: related corporate body of manifestation
2d	Manifestation: papermaker family	A family who is responsible for the production of paper used to manufacture a manifestation. **[No change]**	Manifestation: manufacturer family	Manifestation: related family of manifestation
2e	Manifestation: papermaker person	A person who is responsible for the production of paper used to manufacture a manifestation. **[No change]**	Manifestation: manufacturer person	Manifestation: related person of manifestation
2f	Agent: papermaker agent of	A manifestation that involves a responsibility of an agent for producing paper. **[No change]**	Agent: manufacturer agent of	Agent: related manifestation of agent
2g	Collective Agent: papermaker collective agent of	A manifestation that involves a responsibility of a collective agent for producing paper. **[No change]**	Collective Agent: manufacturer collective agent of	Collective Agent: related manifestation of collective agent
2h	Corporate Body: papermaker corporate body of	A manifestation that involves a responsibility of a corporate body for producing paper. **[No change]**	Corporate Body: manufacturer corporate body of	Corporate Body: related manifestation of corporate body
2i	Family: papermaker family of	A manifestation that involves a responsibility of a family for producing paper. **[No change]**	Family: manufacturer family of	Family: related manifestation of family
2j	Person: papermaker person of	A manifestation that involves a responsibility of a person for producing paper. **[No change]**	Person: manufacturer person of	Person: related manifestation of person

Recommendation #3: Correct the broader element and some definitions for platemaker agent and its inverses.

Rec no	Element label	Change in definition	Current broader element	Proposed new broader element
3a	Manifestation: platemaker agent	An agent who is responsible for ~~manufacturing a manifestation by~~ preparing plates used in the production of printed images or text.	Manifestation: manufacturer agent	Manifestation: related agent of manifestation
3b	Manifestation: platemaker collective agent	A collective agent who is responsible for ~~manufacturing a manifestation by~~ preparing plates used in the production of printed images or text.	Manifestation: manufacturer collective agent	Manifestation: related collective agent of manifestation
3c	Manifestation: platemaker corporate body	A corporate body who is responsible for ~~manufacturing a manifestation by~~ preparing plates used in the production of printed images or text.	Manifestation: manufacturer corporate body	Manifestation: related corporate body of manifestation
3d	Manifestation: platemaker family	A family who is responsible for ~~manufacturing a manifestation by~~ preparing plates used in the production of printed images or text.	Manifestation: manufacturer family	Manifestation: related family of manifestation
3e	Manifestation: platemaker person	A person who is responsible for ~~manufacturing a manifestation by~~ preparing plates used in the production of printed images or text.	Manifestation: manufacturer person	Manifestation: related person of manifestation
3f	Agent: platemaker agent of	A manifestation that involves a responsibility of an agent for preparing plates used in the production of printed images or text. **[No change]**	Agent: manufacturer agent of	Agent: related manifestation of agent
3g	Collective Agent: platemaker collective agent of	A manifestation that involves a responsibility of a collective agent for preparing plates used in the production of printed images or text. **[No change]**	Collective Agent: manufacturer collective agent of	Collective Agent: related manifestation of collective agent
3h	Corporate Body: platemaker corporate body of	A manifestation that involves a responsibility of a corporate body for preparing plates used in the production of printed images or text. **[No change]**	Corporate Body: manufacturer corporate body of	Corporate Body: related manifestation of corporate body

Rec no	Element label	Change in definition	Current broader element	Proposed new broader element
3i	Family: platemaker family of	A manifestation that involves a responsibility of a family for preparing plates used in the production of printed images or text. **[No change]**	Family: manufacturer family of	Family: related manifestation of family
3j	Person: platemaker person of	A manifestation that involves a responsibility of a person for preparing plates used in the production of printed images or text. **[No change]**	Person: manufacturer person of	Person: related manifestation of person

Recommendation #4: Correct the broader element and some definitions for printmaker agent and its inverses.

Rec no	Element label	Change in definition	Current broader element	Proposed new broader element
4a	Manifestation: printmaker agent	An agent who is responsible for ~~manufacturing a manifestation by~~ making a relief, intaglio, or planographic printing surface.	Manifestation: manufacturer agent	Manifestation: related agent of manifestation
4b	Manifestation: printmaker collective agent	A collective agent who is responsible for ~~manufacturing a manifestation by~~ making a relief, intaglio, or planographic printing surface.	Manifestation: manufacturer collective agent	Manifestation: related collective agent of manifestation
4c	Manifestation: printmaker corporate body	A corporate body who is responsible for ~~manufacturing a manifestation by~~ making a relief, intaglio, or planographic printing surface.	Manifestation: manufacturer corporate body	Manifestation: related corporate body of manifestation
4d	Manifestation: printmaker family	A family who is responsible for ~~manufacturing a manifestation by~~ making a relief, intaglio, or planographic printing surface.	Manifestation: manufacturer family	Manifestation: related family of manifestation
4e	Manifestation: printmaker person	A person who is responsible for ~~manufacturing a manifestation by~~ making a relief, intaglio, or planographic printing surface.	Manifestation: manufacturer person	Manifestation: related person of manifestation
4f	Agent: printmaker agent of	A manifestation that involves a responsibility of an agent for making a relief, intaglio, or planographic printing surface. **[No change]**	Agent: manufacturer agent of	Agent: related manifestation of agent
4g	Collective Agent: printmaker collective agent of	A manifestation that involves a responsibility of a collective agent for making a relief, intaglio, or planographic printing surface. **[No change]**	Collective Agent: manufacturer collective agent of	Collective Agent: related manifestation of collective agent
4h	Corporate Body: printmaker corporate body of	A manifestation that involves a responsibility of a corporate body for making a relief, intaglio, or planographic printing surface. **[No change]**	Corporate Body: manufacturer corporate body of	Corporate Body: related manifestation of corporate body
4i	Family: printmaker family of	A manifestation that involves a responsibility of a family for making a relief, intaglio, or planographic printing surface. **[No change]**	Family: manufacturer family of	Family: related manifestation of family

Rec no	Element label	Change in definition	Current broader element	Proposed new broader element
4j	Person: printmaker person of	A manifestation that involves a responsibility of a person for making a relief, intaglio, or planographic printing surface. **[No change]**	Person: manufacturer person of	Person: related manifestation of person

Recommendation #5: Correct the broader element and some definitions for collotyper agent and its inverses.

Rec no	Element label	Change in definition	Current broader element	Proposed new broader element
5a	Manifestation: collotyper agent	An agent who is responsible for ~~manufacturing a manifestation by using a photomechanical process for making prints directly from~~ preparing a hardened film of gelatin or other colloid that has ink-receptive and ink-repellent surfaces and that is used to make prints using a photomechanical process.	Manifestation: manufacturer agent	Manifestation: printmaker agent
5b	Manifestation: collotyper collective agent	An agent who is responsible for ~~manufacturing a manifestation by using a photomechanical process for making prints directly from~~ preparing a hardened film of gelatin or other colloid that has ink-receptive and ink-repellent surfaces and that is used to make prints using a photomechanical process.	Manifestation: manufacturer collective agent	Manifestation: printmaker collective agent
5c	Manifestation: collotyper corporate body	An agent who is responsible for ~~manufacturing a manifestation by using a photomechanical process for making prints directly from~~ preparing a hardened film of gelatin or other colloid that has ink-receptive and ink-repellent surfaces and that is used to make prints using a photomechanical process.	Manifestation: manufacturer corporate body	Manifestation: printmaker corporate body
5d	Manifestation: collotyper family	An agent who is responsible for ~~manufacturing a manifestation by using a photomechanical process for making prints directly from~~ preparing a hardened film of gelatin or other colloid that has ink-receptive and ink-repellent surfaces and that is used to	Manifestation: manufacturer family	Manifestation: printmaker family

Rec no	Element label	Change in definition	Current broader element	Proposed new broader element
		make prints using a photomechanical process.		
5e	Manifestation: collotyper person	An agent who is responsible for ~~manufacturing a manifestation by using a photomechanical process for making prints directly from~~ preparing a hardened film of gelatin or other colloid that has ink-receptive and ink-repellent surfaces and that is used to make prints using a photomechanical process.	Manifestation: manufacturer person	Manifestation: printmaker person
5f	Agent: collotyper agent of	A manifestation that involves a responsibility of an agent for ~~using a photomechanical process for making prints directly from~~ preparing a hardened film of gelatin or other colloid that has ink-receptive and ink-repellent surfaces and that is used to make prints using a photomechanical process.	Agent: manufacturer agent of	Agent: printmaker agent of
5g	Collective Agent: collotyper collective agent of	A manifestation that involves a responsibility of a collective agent for ~~using a photomechanical process for making prints directly from~~ preparing a hardened film of gelatin or other colloid that has ink-receptive and ink-repellent surfaces and that is used to make prints using a photomechanical process.	Collective Agent: manufacturer collective agent of	Collective Agent: printmaker collective agent of
5h	Corporate Body: collotyper corporate body of	A manifestation that involves a responsibility of a corporate body for ~~using a photomechanical process for making prints directly from~~ preparing a hardened film of gelatin or other colloid that has ink-receptive and ink-repellent surfaces and that is used to	Corporate Body: manufacturer corporate body of	Corporate Body: printmaker corporate body of

Rec no	Element label	Change in definition	Current broader element	Proposed new broader element
		make prints using a photomechanical process.		
5i	Family: collotyper family of	A manifestation that involves a responsibility of a family for ~~using a photomechanical process for making prints directly from~~ preparing a hardened film of gelatin or other colloid that has ink-receptive and ink-repellent surfaces and that is used to make prints using a photomechanical process.	Family: manufacturer family of	Family: printmaker family of
5j	Person: collotyper person of	A manifestation that involves a responsibility of a person for ~~using a photomechanical process for making prints directly from~~ preparing a hardened film of gelatin or other colloid that has ink-receptive and ink-repellent surfaces and that is used to make prints using a photomechanical process.	Person: manufacturer person of	Person: printmaker person of

Recommendation #6: Correct the broader element and some definitions for engraver agent and its inverses.

Rec no	Element label	Change in definition	Current broader element	Proposed new broader element
6a	Manifestation: engraver agent	An agent who is responsible for ~~manufacturing a manifestation by~~ cutting letters, figures, or other marks on a surface such as a wooden or metal plate used for printing.	Manifestation: manufacturer agent	Manifestation: printmaker agent
6b	Manifestation: engraver collective agent	A collective agent who is responsible for ~~manufacturing a manifestation by~~ cutting letters, figures, or other marks on a surface such as a wooden or metal plate used for printing.	Manifestation: manufacturer collective agent	Manifestation: printmaker collective agent

Rec no	Element label	Change in definition	Current broader element	Proposed new broader element
6c	Manifestation: engraver corporate body	A corporate body who is responsible for ~~manufacturing a manifestation by~~ cutting letters, figures, or other marks on a surface such as a wooden or metal plate used for printing.	Manifestation: manufacturer corporate body	Manifestation: printmaker corporate body
6d	Manifestation: engraver family	A family who is responsible for ~~manufacturing a manifestation by~~ cutting letters, figures, or other marks on a surface such as a wooden or metal plate used for printing.	Manifestation: manufacturer family	Manifestation: printmaker family
6e	Manifestation: engraver person	A person who is responsible for ~~manufacturing a manifestation by~~ cutting letters, figures, or other marks on a surface such as a wooden or metal plate used for printing.	Manifestation: manufacturer person	Manifestation: printmaker person
6f	Agent: engraver agent of	A manifestation that involves a responsibility of an agent for cutting letters, figures, etc., on a surface such as a wooden or metal plate used for printing. **[No change]**	Agent: manufacturer agent of	Agent: printmaker agent of
6g	Collective Agent: engraver collective agent of	A manifestation that involves a responsibility of a collective agent for cutting letters, figures, etc., on a surface such as a wooden or metal plate used for printing. **[No change]**	Collective Agent: manufacturer collective agent of	Collective Agent: printmaker collective agent of
6h	Corporate Body: engraver corporate body of	A manifestation that involves a responsibility of a corporate body for cutting letters, figures, etc., on a surface such as a wooden or metal plate used for printing. **[No change]**	Corporate Body: manufacturer corporate body of	Corporate Body: printmaker corporate body of
6i	Family: engraver family of	A manifestation that involves a responsibility of a family for cutting letters, figures, etc., on a surface such as a wooden or metal plate used for printing. **[No change]**	Family: manufacturer family of	Family: printmaker family of

Rec no	Element label	Change in definition	Current broader element	Proposed new broader element
6j	Person: engraver person of	A manifestation that involves a responsibility of a person for cutting letters, figures, etc., on a surface such as a wooden or metal plate used for printing. **[No change]**	Person: manufacturer person of	Person: printmaker person of

Recommendation #7: Correct the broader element and some definitions for etcher agent and its inverses.

Rec no	Element label	Change in definition	Current broader element	Proposed new broader element
7a	Manifestation: etcher agent	An agent who is responsible for ~~manufacturing a manifestation by~~ subjecting metal, glass, or some other surface used for printing, to acid or another corrosive substance.	Manifestation: manufacturer agent	Manifestation: printmaker agent
7b	Manifestation: etcher collective agent	A collective agent who is responsible for ~~manufacturing a manifestation by~~ subjecting metal, glass, or some other surface used for printing, to acid or another corrosive substance.	Manifestation: manufacturer collective agent	Manifestation: printmaker collective agent
7c	Manifestation: etcher corporate body	A corporate body who is responsible for ~~manufacturing a manifestation by~~ subjecting metal, glass, or some other surface used for printing, to acid or another corrosive substance.	Manifestation: manufacturer corporate body	Manifestation: printmaker corporate body
7d	Manifestation: etcher family	A family who is responsible for ~~manufacturing a manifestation by~~ subjecting metal, glass, or some other surface used for printing, to acid or another corrosive substance.	Manifestation: manufacturer family	Manifestation: printmaker family
7e	Manifestation: etcher person	A person who is responsible for ~~manufacturing a manifestation by~~ subjecting metal, glass, or some other surface used for printing, to acid or another corrosive substance.	Manifestation: manufacturer person	Manifestation: printmaker person
7f	Agent: etcher agent of	A manifestation that involves a responsibility of an agent for subjecting metal, glass, or some other surface used for printing, to acid or another corrosive substance. **[No change]**	Agent: manufacturer agent of	Agent: printmaker agent of
7g	Collective Agent: etcher collective agent of	A manifestation that involves a responsibility of a collective agent for subjecting metal, glass, or some other surface	Collective Agent: manufacturer collective agent of	Collective Agent: printmaker collective agent of

Rec no	Element label	Change in definition	Current broader element	Proposed new broader element
		used for printing, to acid or another corrosive substance. **[No change]**		
7h	Corporate Body: etcher corporate body of	A manifestation that involves a responsibility of a corporate body for subjecting metal, glass, or some other surface used for printing, to acid or another corrosive substance. **[No change]**	Corporate Body: manufacturer corporate body of	Corporate Body: printmaker corporate body of
7i	Family: etcher family of	A manifestation that involves a responsibility of a family for subjecting metal, glass, or some other surface used for printing, to acid or another corrosive substance. **[No change]**	Family: manufacturer family of	Family: printmaker family of
7j	Person: etcher person of	A manifestation that involves a responsibility of a person for subjecting metal, glass, or some other surface used for printing, to acid or another corrosive substance. **[No change]**	Person: manufacturer person of	Person: printmaker person of

Recommendation #8: Correct the broader element and some definitions for lithographer agent and its inverses

Rec no	Element label	Change in definition	Current broader element	Proposed new broader element
8a	Manifestation: lithographer agent	An agent who is responsible for ~~manufacturing a manifestation by~~ preparing a stone or plate for lithographic printing. A lithographer includes a graphic artist creating a design directly on the surface from which printing will be done.	Manifestation: manufacturer agent	Manifestation: printmaker agent
8b	Manifestation: lithographer collective agent	A collective agent who is responsible for ~~manufacturing a manifestation by~~ preparing a stone or plate for lithographic printing. A lithographer includes a graphic artist creating a design directly on the surface from which printing will be done.	Manifestation: manufacturer collective agent	Manifestation: printmaker collective agent
8c	Manifestation: lithographer corporate body	A corporate body who is responsible for ~~manufacturing a manifestation by~~ preparing a stone or plate for lithographic printing. A lithographer includes a graphic artist creating a design directly on the surface from which printing will be done.	Manifestation: manufacturer corporate body	Manifestation: printmaker corporate body
8d	Manifestation: lithographer family	A family who is responsible for ~~manufacturing a manifestation by~~ preparing a stone or plate for lithographic printing. A lithographer includes a graphic artist creating a design directly on the surface from which printing will be done.	Manifestation: manufacturer family	Manifestation: printmaker family
8e	Manifestation: lithographer person	A person who is responsible for ~~manufacturing a manifestation by~~ preparing a stone or plate for lithographic printing. A lithographer includes a graphic artist creating a design directly on the surface from which printing will be done.	Manifestation: manufacturer person	Manifestation: printmaker person

Rec no	Element label	Change in definition	Current broader element	Proposed new broader element
8f	Agent: lithographer agent of	A manifestation that involves a responsibility of an agent for preparing a stone or plate for lithographic printing. A lithographer includes a graphic artist creating a design directly on the surface from which printing will be done. **[No change]**	Agent: manufacturer agent of	Agent: printmaker agent of
8g	Collective Agent: lithographer collective agent of	A manifestation that involves a responsibility of a collective agent for preparing a stone or plate for lithographic printing. A lithographer includes a graphic artist creating a design directly on the surface from which printing will be done. **[No change]**	Collective Agent: manufacturer collective agent of	Collective Agent: printmaker collective agent of
8h	Corporate Body: lithographer corporate body of	A manifestation that involves a responsibility of a corporate body for preparing a stone or plate for lithographic printing. A lithographer includes a graphic artist creating a design directly on the surface from which printing will be done. **[No change]**	Corporate Body: manufacturer corporate body of	Corporate Body: printmaker corporate body of
8i	Family: lithographer family of	A manifestation that involves a responsibility of a family for preparing a stone or plate for lithographic printing. A lithographer includes a graphic artist creating a design directly on the surface from which printing will be done. **[No change]**	Family: manufacturer family of	Family: printmaker family of
8j	Person: lithographer person of	A manifestation that involves a responsibility of a person for	Person: manufacturer person of	Person: printmaker person of

Rec no	Element label	Change in definition	Current broader element	Proposed new broader element
		preparing a stone or plate for lithographic printing. A lithographer includes a graphic artist creating a design directly on the surface from which printing will be done. **[No change]**		

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Proposal to improve consistency in "supertype" elements

Prepared by Thomas Brenndorfer, past NARDAC Representative to the RSC; submitted by Linda Barnhart, RSC Secretary, with thanks to the RDA Assessment Group for their direction

Abstract

RDA text is inconsistent in the wording and placement of information about supertype elements. This proposal recommends editorial changes to ten elements to improve consistency and increase clarity and one change to the Registry to correct a missing narrower element.
This proposal comes to the RSC for discussion and approval because of the need to add, move, and adjust options.

Most of these changes will be made in the CMS to RDA instructions. There is one recommendation that will require a change to the Registry. This change has been reviewed by the Technical Team Liaison Officer.

Background

This proposal originated in discussion by the RDA Assessment Group ([AG2021-06](#)) in July-October 2021. While at the time the group agreed to submit this as a Fast Track, upon further reflection and because of the number of elements involved, a proposal seemed more appropriate.
This issue came to the group through feedback from Kate James on April 12, 2021.

There are ten elements designated as "element supertypes:"

> Work: coordinates of cartographic content
> Work: numeric designation of musical work

Expression: capture information
Expression: form of notation

Manifestation: digital file characteristic
Manifestation: digital representation of cartographic content
Manifestation: groove characteristic
Manifestation: projection characteristic of motion picture film
Manifestation: sound characteristic
Manifestation: video characteristic

As shown in the screenshots and tables in the recommendations below, the March 2022 release shows a variety of treatments of supertype text. The recommendations unify the approach and make the element text consistent.

Justification

This proposal is made to improve consistency and increase clarity in RDA.

Impact

These changes are basically editorial. The consistency across similar elements will make RDA easier to interpret and to translate. These changes are not expected to have significant impact on current cataloguing.

Because options in RDA text are moved or added, policy statement writers will need to evaluate these changes and move or create corresponding policy statements.

This proposal will not require much if any new translation. However, the element text that is changed in this proposal (if approved) will need to be synchronized in each translation to reflect the new order of instructions.

Summary of Recommendations

Recommendations 1-4: Move the option from Prerecording to Recording

Recommendation 1:
   For Work: coordinates of cartographic content, move the option in Prerecording to Recording.

Recommendation 2:
   For Work: numeric designation of musical work, move the option in Prerecording to Recording.

Recommendation 3:
   For Expression: capture information, move the option in Prerecording to Recording.

Recommendation 4:
   For Expression: form of notation, move the option in Prerecording to Recording.

Recommendations 5-10: Adjust the existing wording and option placement for consistency

Recommendation 5:
   For Manifestation: projection characteristic of motion picture film, separate the existing text and move the option in Prerecording to Recording.

Recommendation 6:
   For Manifestation: groove characteristic, add the option to Recording.

Recommendation 7:
   For Manifestation: video characteristic, adjust the wording in Prerecording and move the option to Recording.

Recommendation 8:

For Manifestation: sound characteristic, adjust the wording in Prerecording and add a Condition/Option the option to Recording.

Recommendation 9:

For Manifestation: digital file characteristic, adjust the wording in Prerecording (including adding a missing narrower element to the list), remove the existing Option from Recording, and add the "standard" Option to Recording.

Recommendation 10:

For Manifestation: digital representation of cartographic content, adjust the wording in Prerecording and add three Options to Recording. Add Manifestation: cartographic data type as a narrower element.

Recommendations 1-4: Move the option from Prerecording to Recording

The Work and Expression elements have instructions that are consistent in wording and placement:

Prerecording

This element is an *element supertype*.

For a more specific description, use one of the following element subtypes if suitable:

[text specific to the element here]

OPTION

Record the values of one or more of the element subtypes.

From analysis of element subtypes, the option is generally found in the **Recording** section. This makes sense, given that the instruction is to "Record" and is not "information so that the agent who creates the metadata can decide if the element is appropriate, or if another element could or should be used." (Guidance, Introduction to RDA)

Recommendations 1-4 move this option to **Recording**. The rest of the supertype (and other) information remains in Prerecording. The wording

For a more specific description, use one of the following element subtypes if suitable:

will be used as standard wording for the other supertype elements in the following recommendations.

Recommendation 1: For Work: coordinates of cartographic content, move the option in Prerecording to Recording.

CURRENT (March 2022 release)
Work: coordinates of cartographic content **Prerecording** This element is an *element supertype*. For a more specific description, use one of the following element subtypes if appropriate: - For terrestrial cartographic content, record Work: **longitude and latitude** ⇥ - For terrestrial cartographic content that is more precise than longitude and latitude coordinates, record Work: **strings of coordinate pairs** ⇥ - For celestial cartographic content, record Work: **right ascension and declination** ⇥ **OPTION** Record the values of one or more of the element subtypes.

PROPOSED
Work: coordinates of cartographic content **Prerecording** This element is an *element supertype*. For a more specific description, use one of the following element subtypes if appropriate: - For terrestrial cartographic content, record Work: **longitude and latitude** ⇥ - For terrestrial cartographic content that is more precise than longitude and latitude coordinates, record Work: **strings of coordinate pairs** ⇥ - For celestial cartographic content, record Work: **right ascension and declination** ⇥ **Recording** Record this element as a value of Place: **appellation of place** ⇥ or as an IRI. **OPTION** Record the values of one or more of the element subtypes.

Recommendation 2: For Work: numeric designation of musical work, move the option in Prerecording to Recording.

CURRENT (March 2022 release)
Work: numeric designation of musical work

Prerecording

This element is an *element supertype*.

For a more specific description, use one of the following element subtypes if appropriate:

- Work: serial number of musical work ⮕
- Work: opus number ⮕
- Work: thematic index number ⮕.

OPTION

Record the values of one or more of the element subtypes.

PROPOSED
Work: numeric designation of musical work

Prerecording

This element is an *element supertype*.

For a more specific description, use one of the following element subtypes if appropriate:

- Work: serial number of musical work ⮕
- Work: opus number ⮕
- Work: thematic index number ⮕.

Recording

Record this element as a value of a Nomen: nomen string ⮕ or as an instance of a Nomen ⮕.

OPTION
Record the values of one or more of the element subtypes.

Recommendation 3: For Expression: capture information, move the option in Prerecording to Recording.

CURRENT (March 2022 release)
Expression: capture information **Prerecording** This element is an *element supertype*. For a more specific description, use one of the following element subtypes if appropriate: • Expression: **date of capture** ⧉ • Expression: **note on capture** ⧉ • Expression: **place of capture** ⧉ **OPTION** Record the values of one or more of the element subtypes. A significant difference in a value of this element or an *element subtype*, if any, may indicate a boundary of the entity that requires the recording of a new instance of the entity. For guidance and instructions on the criteria that are used to determine that an expression is distinct from other expressions, see **Expression. Entity boundary** ⧉.

PROPOSED
Expression: capture information

Prerecording
 	
This element is an *element supertype*.
 	
For a more specific description, use one of the following element subtypes if appropriate:
 	
   • Expression: **date of capture** →▤
   • Expression: **note on capture** →▤
   • Expression: **place of capture** →▤
 	
A significant difference in a value of this element or an *element subtype*, if any, may indicate a boundary of the entity that requires the recording of a new instance of the entity.
 	
For guidance and instructions on the criteria that are used to determine that an expression is distinct from other expressions, see **Expression. Entity boundary** →▤.
 	
Recording
 	
<u>**OPTION**</u>
<u>Record the values of one or more of the element subtypes.</u>

Recommendation 4: For Expression: form of notation, move the option in Prerecording to Recording.

CURRENT (March 2022 release)

Expression: form of notation

Prerecording

This element is an *element supertype*.

For a more specific description, use one of the following element subtypes if appropriate:

- Expression: **form of musical notation** ⏎
- Expression: **form of notated movement** ⏎
- Expression: **form of tactile notation** ⏎
- Expression: **script** ⏎

> **OPTION**
>
> Record the values of one or more of the element subtypes.

A significant difference in a value of this element or an *element subtype*, if any, may indicate a boundary of the entity that requires the recording of a new instance of the entity.

For guidance and instructions on the criteria that are used to determine that an expression is distinct from other expressions, see **Expression. Entity boundary** ⏎.

PROPOSED
Expression: form of notation

Prerecording

This element is an *element supertype*.

For a more specific description, use one of the following element subtypes if appropriate:

- Expression: **form of musical notation** ⊐
- Expression: **form of notated movement** ⊐
- Expression: **form of tactile notation** ⊐
- Expression: **script** ⊐

A significant difference in a value of this element or an *element subtype*, if any, may indicate a boundary of the entity that requires the recording of a new instance of the entity.

For guidance and instructions on the criteria that are used to determine that an expression is distinct from other expressions, see **Expression. Entity boundary** ⊐.

Recording

> **OPTION**
> Record the values of one or more of the element subtypes.

Recommendations 5-10: Adjust the existing wording and option placement for consistency

The Manifestation element supertypes will need a little more modification but can still be made to easily fit the pattern.

Recommendation 5: For Manifestation: projection characteristic of motion picture film, separate the existing text and move the option in Prerecording to Recording.

CURRENT (March 2022 release)

Manifestation: projection characteristic of motion picture film
 	
Prerecording
This element is an *element supertype*.
 	
    OPTION
    Record a *projection characteristic* if considered important for identification or selection. Record the following characteristics as separate elements, as applicable:
 	
        • Manifestation: **presentation format** ▸▤
        • Manifestation: **projection speed** ▸▤
 	
For the aspect ratio of a motion picture film, see Expression: **aspect ratio** ▸▤.
 	
For the colour characteristics of a motion picture film, see Manifestation: **colour content** ▸▤.
 	
For the sound characteristics of a motion picture film, see Manifestation: **sound characteristic** ▸▤.
 	
For special equipment requirements for projection, see Manifestation: **equipment or system requirement** ▸▤.

PROPOSED

Manifestation: projection characteristic of motion picture film

Prerecording

This element is an *element supertype*.

For a more specific description, use one of the following element subtypes if suitable:

- Manifestation: presentation format
- Manifestation: projection speed

For the aspect ratio of a motion picture film, see Expression: aspect ratio ⊡.

For the colour characteristics of a motion picture film, see Manifestation: colour content ⊡.

For the sound characteristics of a motion picture film, see Manifestation: sound characteristic ⊡.

For special equipment requirements for projection, see Manifestation: equipment or system requirement ⊡.

Recording

OPTION
Record the values of one or more of the element subtypes.

Recommendation 6: For Manifestation: groove characteristic, add the option to Recording.

CURRENT (March 2022 release)
Manifestation: groove characteristic **Prerecording** This element is an *element supertype*. For a more specific description, use one of the following element subtypes if appropriate: • Manifestation: **groove pitch** ⊒ • Manifestation: **groove width** ⊒ **Recording** **Recording an unstructured description**

PROPOSED
Manifestation: groove characteristic **Prerecording** This element is an *element supertype*. For a more specific description, use one of the following element subtypes if appropriate: • Manifestation: **groove pitch** ⊒ • Manifestation: **groove width** ⊒ **Recording** <table><tr><td>**OPTION** Record the values of one or more of the element subtypes.</td></tr></table> **Recording an unstructured description**

Recommendation 7: For Manifestation: video characteristic, adjust the wording in Prerecording and move the option to Recording.

CURRENT (March 2022 release)
Manifestation: video characteristic   **Prerecording**   This element is an *element supertype*.   **OPTION**   Record the following characteristics as separate elements, if considered important for identification or selection, as applicable: • Manifestation: broadcast standard   • Manifestation: video format   For an aspect ratio of a video, see Expression: aspect ratio.   For the colour characteristics of a video, see Manifestation: colour content.   For the sound characteristics of a video, see Manifestation: sound characteristic.   For additional characteristics of digitally encoded video, see Manifestation: digital file characteristic.   For special equipment requirements for projection, see Manifestation: equipment or system requirement.

| |
|---|
| PROPOSED |
| Manifestation: video characteristic

Prerecording

This element is an *element supertype*.

For a more specific description, use one of the following element subtypes if suitable:
    • Manifestation: broadcast standard
    • Manifestation: video format

For an aspect ratio of a video, see Expression: aspect ratio ⏎.

For the colour characteristics of a video, see Manifestation: colour content ⏎.

For the sound characteristics of a video, see Manifestation: sound characteristic ⏎.

For additional characteristics of digitally encoded video, see Manifestation: digital file characteristic ⏎.

For special equipment requirements for projection, see Manifestation: equipment or system requirement ⏎.

Recording

OPTION
Record the values of one or more of the element subtypes. |

Recommendation 8: For Manifestation: sound characteristic, adjust the wording in Prerecording and add a Condition/Option the option to Recording.

The element supertype Manifestation: sound characteristic has an existing Condition box under **Recording** stating "A manifestation does not consist primarily of recorded sound." In addition, the wording in the Prerecording section has an implicit condition of "For manifestations consisting primarily of recorded sound …". These two conditions form a parallel structure unique to this element.

This recommendation retains the two Conditions but places them both under the **Recording** section. Other than that, this element supertype is modified to use the same patterns for the other supertype elements.

CURRENT (March 2022 release)

Manifestation: sound characteristic

Prerecording

This element is an *element supertype*.

> ### OPTION
>
> For manifestations consisting primarily of recorded sound, record the
> following sound characteristics as separate elements, if considered
> important for identification or selection, as applicable:
>
> - Manifestation: **configuration of playback channels** ⏩
> - Manifestation: **groove characteristic** ⏩
>   - Manifestation: **groove pitch** ⏩
>   - Manifestation: **groove width** ⏩
> - Manifestation: **playing speed** ⏩
> - Manifestation: **recording medium** ⏩
> - Manifestation: **special playback characteristic** ⏩
> - Manifestation: **track configuration** ⏩
> - Manifestation: **tape configuration** ⏩
> - Manifestation: **type of recording** ⏩

For instructions on recording additional characteristics of digitally encoded sound (e.g.,
audio encoding formats such as MP3), see Manifestation: **digital file characteristic** ⏩.

Recording

> ### CONDITION
> A manifestation does not consist primarily of recorded sound.

> ### OPTION
>
> Record sound characteristics if considered important for
> identification or selection.

Recording an unstructured description

PROPOSED

Manifestation: sound characteristic
 	
Prerecording
This element is an *element supertype*.
For a more specific description, use one of the following element subtypes if suitable:
• Manifestation: configuration of playback channels
• Manifestation: groove characteristic
    • Manifestation: groove pitch
    • Manifestation: groove width
• Manifestation: playing speed
• Manifestation: recording medium
• Manifestation: special playback characteristic
• Manifestation: track configuration
• Manifestation: tape configuration
• Manifestation: type of recording
For instructions on recording additional characteristics of digitally encoded sound (e.g., audio encoding formats such as MP3), see Manifestation: digital file characteristic ⤳.
 	
Recording

CONDITION
A manifestation consists primarily of recorded sound.
 	
    OPTION
    Record the values of one or more of the element subtypes.
 	
CONDITION
A manifestation does not consist primarily of recorded sound.
 	
    OPTION
    Record sound characteristics if considered important for identification or selection.
 	
Recording an unstructured description

Recommendation 9: For Manifestation: digital file characteristic, adjust the wording in Prerecording (including adding a missing narrower element to the list), remove the existing Option from Recording, and add the "standard" Option to Recording.

The element supertype Manifestation: digital file characteristic can also be easily modified to fit the pattern.

However, there is a missing element subtype in the **Prerecording** section, even though it is indicated as a "narrower element": Manifestation: digital representation of cartographic content.

In addition, the Recording section has an Option for recording values for Manifestation: digital representation of cartographic content, but this Option box would be redundant with the more general Option to be added in: "Record the values of one or more of the element subtypes".

CURRENT (March 2022 release)

Manifestation: digital file characteristic

Prerecording

This element is an *element supertype*.

Record the following characteristics as separate elements, as applicable:

- Manifestation: **encoded bitrate** →
- Manifestation: **encoding format** →
- Manifestation: **file size** →
- Manifestation: **file type** →
- Manifestation: **regional encoding** →
- Manifestation: **resolution** →

For instructions on recording the colour characteristics of a digital file, see Manifestation: **colour content** →.

For instructions on recording other sound characteristics of a digital file, see Manifestation: **sound characteristic** →.

For instructions on recording other video characteristics of a digital file, see Manifestation: **video characteristic** →.

For instructions on recording special equipment requirements, see Manifestation: **equipment or system requirement** →.

Recording

> **OPTION**
>
> For digitally encoded cartographic content, also record cartographic data type, object type, and number of objects as Manifestation: **digital representation of cartographic content** →.

Recording an unstructured description

PROPOSED
Manifestation: digital file characteristic

Prerecording

This element is an *element supertype*.

For a more specific description, use one of the following element subtypes if suitable:
- Manifestation: digital representation of cartographic content
- Manifestation: encoded bitrate
- Manifestation: encoding format
- Manifestation: file size
- Manifestation: file type
- Manifestation: regional encoding
- Manifestation: resolution

For instructions on recording the colour characteristics of a digital file, see Manifestation: colour content ⇥.

For instructions on recording other sound characteristics of a digital file, see Manifestation: sound characteristic ⇥.

For instructions on recording other video characteristics of a digital file, see Manifestation: video characteristic ⇥.

For instructions on recording special equipment requirements, see Manifestation: equipment or system requirement ⇥.

Recording

OPTION

For digitally encoded cartographic content, also record cartographic data type, object type, and number of objects as Manifestation: **digital representation of cartographic content**.

OPTION
Record the values of one or more of the element subtypes.

Recommendation 10: For Manifestation: digital representation of cartographic content, adjust the wording in Prerecording and add three Options to Recording. Add Manifestation: cartographic data type as a narrower element.

For the element supertype Manifestation: digital representation of cartographic content, there is one element subtype (Manifestation: cartographic data type) but there are also two other values (which are not element subtypes) which could be recorded directly with this element: "object type" and "number of objects used to represent spatial information".

To make this element supertype consistent with the others, the **Recording** section can be modified to contain three Option boxes, one for the element subtype (following the pattern), and the other two for the other values recorded directly with this element. The final result from this recommendation makes this element supertype consistent with all the other element supertypes.

Another fix is required. Manifestation: cartographic data type does not appear as a narrower element to Manifestation: digital representation of cartographic content on the element page. This will require an adjustment to the Registry.

CURRENT (March 2022 release)
Manifestation: digital representation of cartographic content **Prerecording** This element is an *element supertype*. **OPTION** For digitally encoded cartographic content, record the following information if it can be readily ascertained and is considered important for identification or selection: • Manifestation: **cartographic data type** ⊞ • object type • number of objects used to represent spatial information **Recording** **Recording an unstructured description**

PROPOSED
Manifestation: digital representation of cartographic content ## Prerecording This element is an *element supertype*. For a more specific description, use one of the following element subtypes if suitable: • Manifestation: **cartographic data type** ## Recording **OPTION** Record the values of one or more of the element subtypes. **OPTION** Record the object type. **OPTION** Record the number of objects used to represent spatial information. ## Recording an unstructured description . . . ## Related Elements For broader elements, see Manifestation: **digital file characteristic** ⊡. For narrower elements, see Manifestation: cartographic data type.