**3 December 2016**

**BIBFRAME 2.0 PERFORMED MUSIC EXTENSION**

**SPECIFICATION**

**Identifiers**

**In BIBFRAME 2.0**

**Summary of Top Classes/Properties**

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| **Classes** |
| **Class** | *Subclass of* | *Definition* |
| bf:Identifier | bf:Resource | Token or name that is associated with a resource, such as a URI or an ISBN. |

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| *Property of* | **Property** | *Expected value* |
| Unspecified | pmo:identifiedBy | bf:Identifier |

**Suggested changes to definitions of selected subclasses of bf:Identifier in BIBFRAME 2.0**

Changes are suggested to clarify or correct orginal definitions. “Identifier” is used in place of “number” in the definition since all these identifiers may be either numeric or alphanumeric in content, even though they are generally called “numbers”. There was a preference in the PMO group to also change the names of the subclasses with the term “number” in their name, but since changing names of classes may cause issues for those who have implemented the ontology, we are not requesting it at this time. We would like LC to keep this in mind, however, if there is a large scale revision of BIBFRAME in the future and have included suggested new names.

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| **Subclasses** |
| **Class** | *Original definition* | *New definition* |
| bf:MusicPlate | Number assigned by a music publisher to a specific music publication | Identifer(s) assigned by a music publisher or printer to to the printing plates for the notated portion of a notated music publication, or an identifier that emulates the printing plate tradition in contemporary publications |
| bf:MusicPublisherNumber*(bf:NotatedMusicPublisherIdentifier)* | Number assigned to a notated music publication by the publisher. | Identifier assigned to a notated music publication other than an issue, matrix, or plate number. |
| bf:MatrixNumber*(AudioMatrixIdentifier)* | Matrix number from the master from which a specific sound recording was pressed. | Matrix identifier assigned to the master from which a specific sound recording was pressed. |
| bf:IssueNumber*(bf:AudioIssueNumber) (see below)* | Number used to identify the issue designation, or serial identification, assigned by a publisher to a sound recording | Identifier assigned by a publisher of an audio recording to identify the issue designation, or serial identification. |

**Suggested changes to names of selected subclasses of bf:Identifier in BIBFRAME 2.0**

As mentioned above, PMO recognizes that it changing the name of a class/subclass may be cause difficulty for existing implementations of the ontology. We do, however, suggest one change for the sake of better defining the subclass.

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| **Subclasses** |
| **Current Subclass Name** | **New Subclass Name** | **Reasoning** |
| bf:IssueNumber | bf:AudioIssueNumber | “Issue number” may mean many things in a library environment. Most implementers/catalogers would most likely think it has to do with serials rather than sound recordings. The new name clarifies that this subclass is restricted to audio, without the need to read the definition to know. |

**Suggested Additional Subclasses for BIBFRAME 2.0**

The following subclasses are for identifiers used or encountered by the music cataloging community. We strongly suggest that these become part of the “core” BIBFRAME 2.0 ontology. If not, they will become part of the PMO extension.

All new identifiers are subclasses of bf:Identifier.

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| **Subclasses** |
| **Class** | **Definition** |
| bf:AudioTake | Identifier(s) assigned to the smallest identifiable unit of a recording session, e.g., a specific recording of an individual song. |
| bf:MusicDistributorNumber | Identifier(s) appearing on a resource assigned by a distributor to a specific audio recording, publication of notated music, other music-related resource, or video recording |
| bf:Gtin14Number | 14-digit number assigned to identify trade items at various packaging levels |
| bf:VideoGamePlatformIdentifier | Identifier assigned to a video game platform, e.g., CUSA 54321 (a PlayStation 4 number) |

**Notes on new subclasses**

**General note:** All these identifiers may be numeric or alphanumeric in content, though they are commonly referred to as numbers. There was a general wish in the PMO group to use “Identifier” in the name as opposed to “Number” to make this clear.

**bf:AudioTake:** Take numbers represent individual units of a recording session, e.g. a recording of an individual song. Multiple takes of the same content might take place in a single recording session, one of which would be chosen for publication of the initial recording. Later issues of the recording might use another take and contemporary reissues of recordings often include multiple takes of the same work in the same publication. Multiple takes of the same work result in multiple unique performances, and especially with early recordings, those performances might include different performers. While not used a great deal in general cataloging, take numbers are of great importance to sound archivists and record collectors, in identifying performers and dates of recordings.

**bf:MusicDistributorIdentifier:** The distributor identifier for music and moving image resources was approved for addition the MARC 21 format at ALA Annual 2016 (*see* [Proposal 2016-09](https://www.loc.gov/marc/mac/2016/2016-09.html)*).*The proposal came from both the music (MLA) and A-V (OLAC) communities. For conversion purposes, and in recognition of the importance of isolating this type of identifier, it makes sense to add it to BIBFRAME.

**bf:Gtin14Number:** While rarely actively used by catalogers, the GTIN-14 number (*see* <http://www.gtin.info/>) often appears in MARC records provided by vendors. It will be useful for conversion purposes and for keeping BIBFRAME available to a wide community of users.

**bf:VideoGamePlatformIdentifier:** A bit of a stretch in scope for the the Performed Music group, but we do have an avid video game cataloger and music is an important aspect of video games. OLAC best practices for cataloging video games suggest the addition of these identifiers.

**Outcomes *(updated 22 March 2017)***

Class name in Bibframe changed:

bf:IssueNumber to bf:AudioIssueNumber

Added to BF core ontology:

bf:AudioTake

bf:MusicDistributor

bf:Gtin14Number

It was expected that bf:VideoGamePlatformIdentifer would be accepted, but it is not in the latest update.

Changes to definitions:

bf:AudioIssueNumber

bf:MatrixNumber

bf:MusicPublisherNumber