**Guide to MARC to BIBFRAME 2.0 Specifications - R1 (11/21/2016)**

These specs were prepared by the Network Development and MARC Standards Office of the Library of Congress to enable the preparation of MARC 21 to BIBFRAME 2.0 conversion programs. These programs will be used by the Library of Congress to convert the Library’s file of MARC records (all forms of material, around 19 million) to the BIBFRAME model to be used in a new Pilot to take place in 2017.

At this time the specs are being shared with several collaborators with the Library of Congress on BIBFRAME projects but when the conversions are completed they will be openly shared. Please do not share them further at this time. As noted below they are being revised as needed as the programs are written.

The specifications are written from the perspective of MARC so that each element in MARC would be at least considered, even if not converted. Specifications are not included for all fields and subfields. If there is no use of an element in the Library’s records (or very very few uses), they are not spec’ed. They usually say either ignore or nac (no attempt to convert) in the conversion column.

Abbreviations used:

W = Work, I = Instance (but Item is Item)

nac = no attempt to convert

These specifications were developed for a contractor that is creating the conversion programs (IndexData) and did not have the benefit of testing as they were constructed. The programs are in the process of being written so as parts are finished and conversions can be viewed, the specs will be corrected, enhanced, or adjusted as needed. When a spec is adjusted the file name and the title on the document will indicate the revision (e.g., R1, R2, R3,…)

In some cases it was necessary to make extensions or adjustments to the 2.0 vocabulary to accommodate the data in MARC. Around 20 new or adjusted properties are used and noted as being in the bflc: name space. Also round 20 noteType names have been used. Several classes have been added to accommodate the data. When the conversion programs are completed we will be posting a list of the local adjustments that we had to make and the noteType’s we added.

**A** shorthand is used for the bibframe conversion that we hope is understandable.

The specs use the vocabularies that are in id.loc.gov in a number of cases, especially for the 007 and 008 data. It also includes some strings for data that will be used when trying to match and merge data to change the data to conform to the BIBFRAME Work and Instance models and to identify labels and RWOs in the MADS name and subject files.

There are several local elements that are included in the conversion of names and titles to support the matching that we need to do with information after the initial conversion in order to merge data appropriately. For example, the 240 titles need to be matched with the works converted from title records in the MARC authority file and instances need to be brought together and subjects transferred to the BIBFRAME Work descriptions. Additionally, from past experience conversions do not necessarily work correctly on the first try and need to be fixed or repeated. Thus for names and title we save some match and MARC strings until we are satisfied with the file conversion. These “helper” local fields will be eliminated from the RDF when the merge and match is complete – unless we see a need to keep certain ones for data that will continue to come into our files from MARC.

For questions please contact Sally McCallum at smcc@loc.gov