I. Summary

CyberTools for Libraries software and all ASP catalog data have been upgraded to accommodate ISBN-13.

All bibliographic records in CyberTools ASP catalogs now meet the ISBN-13 standard.

CyberTools Librarians do not need to do anything to update their catalogs to meet the ISBN-13 standard.


3. CyberTools added self-check character processing validation for ISBN-10, ISBN-13, and ISSN. This enhancement means that you can no longer type a mistake for these values anywhere in the system. If you enter an invalid value, CyberTools will report you have made an error. If a bib contains an invalid ISBN or ISSN, it can not be retrieved in a query by the $u bad value, since the value is rejected.


II. Question & Answers

Q1: Can I only search the catalog by 13-digit ISBNs from now on?  
A1: CyberTools has provided an elegant solution to this new standard, and you can search your CyberTools for Libraries Catalog by either 10- or 13-digit ISBNs.

Q2: We can now type the 13-digit ISBN in the Brief Bib Record and Interactive Z39.50 MARC Bib Import when doing original cataloging, correct?  
A2: Yes.

Q3: When books have both a 13-digit ISBN and a 10-digit ISBN, do we enter both into the bib record?  
A3: This is the cataloger’s choice, but no, it is not necessary to also enter the 10-digit ISBN if both it and the ISBN-13 is available. If you simply add the 10-digit ISBN, the software will calculate the 13-digit ISBN. Conversely, an ISBN-10 is not generated from an ISBN-13.

If you use the “Import a MARC Bib” process, and the bib you are downloading contains only ISBN-10, then an ISBN-13 is generated, and both the 10- and 13-digit ISBNs will appear in the bib. Again, conversely, if the bib contains only an ISBN-13, no ISBN-10 is generated.

Some patrons know what ISBNs are, but not necessarily the difference between ISBN-10 and ISBN-13. When the patron searches by a familiar ISBN-10 and then doesn't see it in the bib, it could be confusing.

Here's an example: If a publisher lists both an ISBN-10 and ISBN-13, and your library only displays the ISBN-13, then will your patron be confused? We recommend that you display all ISBN values that the publisher issues.

Q4: What about all the bibs that are already in the system which have only 10-digit ISBNs? Will they be globally converted to 13-digit ISBNs in the CyberTools for Libraries Catalog?  
III. Details

The following changes have been made to the software and to all MARC bibliographic records in CyberTools for Libraries:

A. MARC bib tag 020 subfield a:


2. Any ISBN-10 remains in the 020 $a but is no longer indexed. It is validated, i.e., 9 digits (disregarding dashes) plus a correct self-check character (trailing text is ignored). If the ISBN-10 is valid, and the bib does not have a corresponding ISBN-13, then an ISBN-13 is calculated, added to the bib, and indexed. Using Harrison's Principles of Internal Medicine, 2005, as an example, prior to the advent of ISBN-13 the bib had:

   020  ## $a 0071391401 (set)
   020  ## $a 007139141X (v. 1)
   020  ## $a 0071391428 (v. 2)
   020  ## $a 0071402357 (combo)

   but it will now have:
   020  ## $a 0071391401 (set)
   020  ## $a 007139141X (v. 1)
   020  ## $a 0071391428 (v. 2)
   020  ## $a 0071402357 (combo)
   020  ## $a 9780071391405 (set)
   020  ## $a 9780071391412 (v. 1)
   020  ## $a 9780071391429 (v. 2)
   020  ## $a 9780071402354 (combo)

   The last four ISBNs will be indexed, making them available for queries.

B. ISBN values occur at subfield z for the following MARC bib tags: 020, 534, 556, 581, 765, 767, 770, 772, 773, 774, 775, 776, 780, 785, 786, and 787. When these values are ISBN-10 values, they are validated, i.e., 9 digits (disregarding dashes) plus a correct self-check character (trailing text will be ignored). If it is a valid ISBN-10, it is converted to ISBN-13, and the ISBN-13 replaces the ISBN-10 in the same tag and subfield occurrence. This value is not indexed (no change from the current rules).


   2. Editor validates the ISSN self-check character for MARC bib 022 $a and all appropriate subfield x occurrences.


E. Batch Control function [Update Batch to Catalog] runs the same processes as step A. This insures that every bib will always have an ISBN-13 value.
F. Search Catalog Changes:


2. **ISSN self-check character is validated.** This includes OpenURL queries.

G. File Z39.50 MARC Bib Import


H. Interactive Z39.50 MARC Bib Import


J. **ISSN self-check characters are now validated.** Invalid ISSNs are no longer indexed.

K. Function [Duplicate Bibs Report by Control Number] now lists invalid ISBN and ISSN values.