Z311 – LOCATION AND INVENTORY NUMBER INDEX (HIGHEST VALUES)

The Z311 record keeps track of the last call number and/or of the last inventory number assigned within a sublibrary and a prefix.

For call numbers, this is dependent on assigning call number type "**i**" when creating an item record. The Z311 is used to register the last sequence number assigned for a sublibrary + prefix, so that the next highest number can automatically be assigned when an item record is created. Prefixes do not have to be set up beforehand; when a new sublibrary + prefix combination **i** is detected, a new Z311 record is created. There is one Z311 record for each unique sublibrary + prefix.

So, if the call number type is set to "**i**" and if the user enters a prefix code followed by "?" (e.g., ABD ?) in the call number field, the system assigns the next number in sequence. The sequence is set according to sublibrary + prefix.

If the user provides a location number (instead of entering a question mark), and the number is less than the number in the Z311, then the Z311 is not updated. If the number that the user inputs is greater than the number in the Z311, then the Z311 will be updated and sequence numbers proceed from there.

For inventory numbers, this is dependent on the INVENTORY-NUMBER variable of the tab100 table of the administrative library. If the variable is set to Z311, the inventory number can be automatically assigned when an item record is created. The Z311 record registers the last inventory number assigned for the first two characters of the sublibrary code + prefix.

So, INVENTORY-NUMBER variable of the tab100 table of the administrative library is set to Z311 and if the user enters a prefix code followed by "/?" (e.g., ABD/?) in the inventory number field, the system assigns the next number in the sequence.
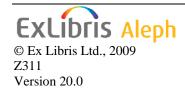
This functionality is supported by tab_z311 of the administrative library. The tab_z311 table is used to define the Z311 programs used by the system for the creation of the Z311 counters for the Z30-CALL-NO, Z30-CALL-NO-2 and Z30-INVENTORY-NUMBER fields.

Conversion is not applicable. Z311 records are created/rebuilt by running the p_manage_28 batch procedure from the command line of the server as follows:

csh -f $aleph_proc/p_manage_28 $active_library

Note that you should be connected to the administrative library – XXX50 (i.e., after performing "dlib XXX50").

From the $aleph_proc directory, the batch can be run as follows:

csh -f p_manage_28 XXX50

For example:

csh -f p_manage_28 USM50

In the following table, (X) denotes an alphanumeric field and (9) denotes a numeric field. All alphanumeric fields are left-aligned with trailing spaces; all numeric fields are right-aligned with leading zeroes. Decimal positions are indicated by the symbol V. The total number of decimal digits is designated by the number of nines following the V.

```
02 Z311-REC-KEY.
  03 Z311-KEY-TYPE          PICTURE X(1).
  03 Z311-SUB-LIBRARY       PICTURE X(5).
  03 Z311-PREFIX            PICTURE X(30).
02 Z311-OPEN-DATE           PICTURE 9(8).
02 Z311-UPDATE-DATE         PICTURE 9(8).
02 Z311-LAST-SEQUENCE       PICTURE 9(8).
```

Z311-REC-KEY			
Z311-KEY-TYPE	M	X(1)	**DESC:** This field determines the type of the Z311 record. Values are: **0** = Call number **1** = Inventory number
Z311-SUB-LIBRARY	M	X(5)	**DESC:** For the call number counter, this field contains the sublibrary code of the sublibrary to which the item belongs. Should match the Z30-SUB-LIBRARY field. For the inventory number counter, this field contains the two first characters of the sublibrary code of the sublibrary to which the item belongs.
Z311-PREFIX	M	X(30)	**DESC:** Prefix used in the Z30-CALL-NO/Z30-INVENTORY-NUMBER fields.
Z311-OPEN-DATE	M	9(8) YYYYMMDD	**DESC:** Creation date of the Z311 record.
Z311-UPDATE-DATE	M	9(8) YYYYMMDD	**DESC:** Date the Z311 record was last updated.
Z311-LAST-SEQUENCE	M	9(8) Leading zeroes	**DESC:** Highest location number/ inventory number within the sublibrary + prefix (defined by the user or by the system). Note that this field can be updated by using the UTIL F/2/24 option. This is required when the user accidentally enters an incorrect value.

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