

## Z52 – SEQUENCE

The Z52 table includes counters required for various functions of ALEPH. Some of the counters are internal, and are never actually used by the user; others are used for setting a default *next number* for different functions. The Z52 table also includes the lock library status (0 = unlocked, 1 = locked).

The table may contain user-defined “keys”. The user may enter a key in a field (such as the location or inventory field of the item record) and the system will enter the next available number. Different sequences can be created, and prefixes can be assigned to a sequence number.

Conversion is not applicable. When a new library is opened, the Z52 records that are marked "S" (system) in the demo library on which the library is based are copied to the new library. These are required by the system. Locally defined Z52 records (such as counters for inventory numbers or order numbers) should be marked "U" (user).

In the following table, (X) denotes an alphanumeric field and (9) denotes a numeric field. All alphanumeric fields are left justified with trailing spaces; all numeric fields are right justified 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	Z52-REC-KEY.	
03	Z52-NAME	PICTURE X(20).
02	Z52-PREFIX	PICTURE X(20).
02	Z52-SEQUENCE	PICTURE 9(9).
02	Z52-SUPPRESS	PICTURE X(1).
02	Z52-FORMAT	PICTURE X(30).
02	Z52-TYPE	PICTURE X(1).

<b>Z52-REC-KEY</b>			
Z52-NAME	M	X(20)	<b>DESC:</b> Sequence name (e.g. last-doc-number).
Z52-PREFIX	O	X(20)	<b>DESC:</b> Prefix attached to the beginning of the last sequence number.
Z52-SEQUENCE	M	9(9)	<b>DESC:</b> Last number assigned to the sequence.
Z52-SUPPRESS	M	X(1)	<b>DESC:</b> This field indicates if leading zeroes are suppressed. Values are: <b>Y</b> = Leading zeroes are suppressed <b>N</b> = Leading zeroes are not suppressed.
Z52-FORMAT	-	X(30)	<b>DESC:</b> Virtual field for internal use. Is used for I/O purposes.
Z52-TYPE	M	X(1)	<b>DESC:</b> Type of sequence. Values are “S” and “U”. “S” indicates lines that will be copied when new library is opened. “S” is used for lines required by the system and is set by Ex Libris. “U” is used for user-defined lines.