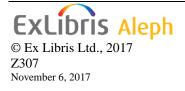# Z307 – Log for Patron Record Changes

Aleph is capable of logging changes made in patron records. This includes adding/updating/deleting of global patron record (Z303), local patron information (Z305), address information (Z304) and patron's IDs (Z308).
This information is stored in Oracle Z307 located in the $usr_library.
The Z307 logs are created based on definitions set in the usr_library's table: tab_patron_log.lng.

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.

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01  Z307.
   02 Z307-REC-KEY.
     03 Z307-ID                 PICTURE X(12).
     03 Z307-SEQUENCE           PICTURE 9(15).
   02 Z307-USER-LIBRARY         PICTURE X(5).
   02 Z307-ACTIVE-LIBRARY       PICTURE X(5).
   02 Z307-TYPE                 PICTURE X(3).
   02 Z307-TEXT                 PICTURE X(300).
   02 Z307-CATALOGER-NAME       PICTURE X(10).
   02 Z307-CATALOGER-IP         PICTURE X(20).
   02 Z307-CATALOGER-IP-V6      PICTURE X(50).
   02 Z307-DATE-TIME-X.
     03 Z307-DATE               PICTURE 9(8).
     03 Z307-TIME               PICTURE 9(6).
   02 Z307-UPD-TIME-STAMP       PICTURE 9(15).
~
```

Z307-ID	M	X(12)	DESC: ID of the patron who logged the transaction.
Z307-SEQUENCE	M	9(15)	DESC: Sequence number, unique, and chronological.
Z307-USER-LIBRARY	M/O	X(5)	DESC: The user library of the patron record. Spaces – for share user file. ADM library code – non-shared user file.
Z307-ACTIVE-LIBRARY	M	X(5)	DESC: The active ADM library that is set when the log transaction was performed.
Z307-TYPE	M	X(3)	DESC: The code of the logged transaction. List of codes can be found in col. 1 of the usr_library table tab_patron_log.lng.
Z307-TEXT	O	X(300)	DESC: Description of the logged transaction. List of the logs' text description can be found in col. 2 of the usr_library table tab_patron_log.lng.
Z307-CATALOGER-NAME	M	X(10)	DESC: This field contains the user name or the application that performed the logged transaction. Possible values: <user name> - staff updates via GUI BATCH – updates made by batch services, X-services. WWW-OPAC - Updates made via OPAC, DLF-API
Z307-CATALOGER-IP	M	X(20)	DESC: This field contains the workstation's identifier (if defined) or the internal IP of the workstation from which the transaction was performed.
Z307-CATALOGER-IP-V6		X(50)	DESC: For future use.
Z307-DATE	M	9(8) YYYYMMDD	DESC: Contains the date that the logged transaction occurred.
Z307-TIME	M	9(6) HHMMSS	DESC: Contains the time that the logged transaction occurred.
Z307-UPD-TIME-STAMP	M	9(15)	DESC: Set the time the record was created or updated.