Z415 – ILL Log

The Z415 is an ILL library (XXX40) Oracle table that acts as a "log" file and keeps track of various ILL-related activities that have occurred, such as a change in the ILL request status.
Z415 records the activities of ILL borrowing (outgoing) requests and ILL lending (incoming) requests.
The ILL library's tab/tab46.<lng> determines which transactions will be included in the ILL Log. The tab46 table sets whether the transaction creates an ILL Log record or not, defines the description of the action that is written in the ILL Log text field, and determines whether the log transaction can be entered manually.

In the following table (X) denotes an alphanumeric field and (9) denotes a numeric field. All alphanumeric fields are left-aligned with trailing spaces and 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  Z415.
  02 Z415-REC-KEY.
    03 Z415-TRANS-NUMBER        PICTURE 9(9).
  02 Z415-REC-KEY-2.
    03 Z415-DOC-NUMBER        PICTURE 9(9).
    03 Z415-SEQUENCE          PICTURE 9(15).


  02 Z415-USER-NAME             PICTURE X(10).
  02 Z415-OPEN-DATE             PICTURE 9(8).
  02 Z415-OPEN-HOUR             PICTURE 9(4).
  02 Z415-OPEN-SECOND           PICTURE 9(4).
  02 Z415-ACTION-DATE           PICTURE 9(8).
  02 Z415-TRANS-TYPE            PICTURE X(10).
  02 Z415-TRANS                 PICTURE X(2).
  02 Z415-ALPHA                 PICTURE X(1).
  02 Z415-TEXT                  PICTURE X(200).
  02 Z415-DATA                  PICTURE X(2000).
  02 Z415-TRIGGERED             PICTURE X(1).
  02 Z415-PARTNER-CODE          PICTURE X(20).
  02 Z415-ILL-UNIT              PICTURE X(20).
```

Z45-REC-KEY			
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Z415-TRANS-NUMBER	M	9(9)	**DESC:** The transaction number as given by the system. **CONV:** Must be unique. ALEPH's convention is a running sequence For example: 000000001.
Z415-DOC-NUMBER	M	9(9)	**DESC:** Doc number of the borrowing or lending request of the log's related request (Z410-DOC-NUMBER or Z416-DOC-NUMBER). **CONV**: Relevant doc number.
Z415-SEQUENCE	M	9(15)	**DESC:** Unique sequence number assigned when the record is created. It is used to distinguish between multiple log records of the same request. **CONV:** Must be unique. ALEPH's convention is time stamp + a running sequence (YYYYMMDD+ running sequence). For example: 200501130000001.
Z415-USER-NAME	M	X(10)	**DESC:** Username of the librarian that registered the transaction or WWW-OPAC if registered by patron via Web OPAC. **CONV:** Relevant username (should match a relevant Z66-USER-NAME) or 'CONV' as default.
Z415-OPEN-DATE	M	9(8) Format: YYYYMMDD	**DESC:** Date the transaction took place. **CONV:** Relevant date or zeroes.
Z415-OPEN-HOUR	M	9(4) Format: HHMM	**DESC:** Hour the transaction took place. **CONV:** Relevant value or zeroes.
Z415-OPEN-SECOND	M	9(4)	**DESC:** Seconds the transaction took place. **CONV:** Relevant value or zeroes.
Z415-ACTION-DATE	M	9(8) Format: YYYYMMDD	**DESC:** For transactions created manually by the user. This is the date on which the action should be taken. **CONV:** Zeroes.

Z415-TRANS-TYPE	M	X(10)	**DESC:** Indicates whether the log is for a borrowing or a lending request. It also indicates whether the log is for a received ISO message. Options: **OUT** – log created for a borrowing (outgoing) request. The log is not related to a received ISO message. **IN** - log created for a lending (incoming) borrowing request. The log is not related to a received ISO message. **OUT-FROM**- log created for a borrowing request related to an ISO message received from an ILL Partner (supplier). **IN-FROM-** log created for a lending request related to an ISO message received from an ILL Partner (from the requester). **CONV:** Relevant value.
Z415-TRANS	M	X(2)	**DESC:** ILL transaction type. Values are defined in column 1 of the ILL library's tab/tab46.lng. Partial list of transaction types: **00** = General **01** = Status change **02** = ILL request created **03** = Supplier request created **06** = Letter was sent to the patron **07** = Letter (non-ISO) was sent to the supplier **11**= ILL Request ISO Message from Requester **16**= Shipped ISO Message from Responder **39=**Request Cancelled by Patron **50** = Lending ILL request created **51** = Incoming ILL action **61** =ILL Request ISO Message to Responder **63**= Cancel ISO Message to Responder **CONV:** Relevant value.
Z415-ALPHA	M	X(1)	**DESC:** Alpha code of the request log record. Use **L** for all scripts (e.g. Latin, Greek, Cyrillic, etc.). **CONV:** L.

Z415-TEXT	M	X(200)	**DESC:** Description of the action defined in column 4 of the ILL library's tab/tab46.lng (e.g. "General", "Status change", etc.). **CONV:** Relevant string.
Z415-DATA	M	X(2000)	**DESC:** Action details depending on the Z415-TRANS. **CONV:** Relevant string.
Z415-TRIGGERED	M	X(1)	**DESC:** Values are "Y" and "N". This flag indicates whether the ISO message that is related to the log has been read and dismissed by the user. All initially created logs get Z415-TRIGGERED = Y. When 'Dismiss' action is performed over a message, its related log turns to Z415-TRIGGERED = N. When the borrowing or lending request is archived (using the batch services: ill-88 Generate Borrowing History and ill-89 Generate Lending History); the value of the request related Z415-TRIGGERED is set to "N". **CONV:** Relevant value
Z415-PARTNER-CODE	O	X(20)	**DESC:** The partner code which relates to the log action. This field is populated only if the log is related to an action that records a correspondence with a supplier or a requester. For example: If a lending request was received from a requester whose code is MPL. The related log will contain Z415-PARTNER-CODE = MPL. **CONV:** Relevant value ((should match a relevant Z700-INTERNAL-CODE).
Z415-ILL-UNIT	O	X(20)	**DESC:** The ILL Unit code of the request related to the log. **CONV:** Relevant value ((should match a relevant Z700-INTERNAL-CODE).