

## Z36 – LOANS and Z36H – LOANS HISTORY

The Z36 and Z36H tables contain information about loan transactions. The Z36 includes active loan records, whereas the Z36H includes completed transactions, retained for history. When an item is returned the loan record is deleted from the Z36 table and it is written to the Z36H table if the CREATE-Z36H flag in the library's tab/tab100 is set to "Y". The difference between the two tables is the addition of Z36H\_TIME at the head of the Z36H table.

Note that possibility to calculate fines for overdue items is dependent on the existence of the loan history record (Z36H). In addition, the loan history record is used for ILL services like Hold Shelf List (p-ill-76).

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.

Z36 record:

01	Z36-LOAN.	
02	Z36-REC-KEY.	
03	Z36-DOC-NUMBER	PICTURE 9(9).
03	Z36-ITEM-SEQUENCE	PICTURE 9(6).
02	Z36-ID	PICTURE X(12).
02	Z36-NUMBER	PICTURE X(9).
02	Z36-MATERIAL	PICTURE X(5).
02	Z36-SUB-LIBRARY	PICTURE X(5).
02	Z36-STATUS	PICTURE X(1).
02	Z36-LOAN-DATE	PICTURE 9(8).
02	Z36-LOAN-HOUR	PICTURE 9(4).
02	Z36-EFFECTIVE-DUE-DATE	PICTURE 9(8).
02	Z36-DUE-DATE	PICTURE 9(8).
02	Z36-DUE-HOUR	PICTURE 9(4).
02	Z36-RETURNED-DATE	PICTURE 9(8).
02	Z36-RETURNED-HOUR	PICTURE 9(4).
02	Z36-ITEM-STATUS	PICTURE X(2).
02	Z36-BOR-STATUS	PICTURE X(2).
02	Z36-LETTER-NUMBER	PICTURE 9(2).
02	Z36-LETTER-DATE	PICTURE 9(8).
02	Z36-NO-RENEWAL	PICTURE 9(1).
02	Z36-NOTE-1	PICTURE X(30).
02	Z36-NOTE-2	PICTURE X(30).
02	Z36-LOAN-CATALOGER-NAME	PICTURE X(10).
02	Z36-LOAN-CATALOGER-IP	PICTURE X(20).
02	Z36-RETURN-CATALOGER-NAME	PICTURE X(10).
02	Z36-RETURN-CATALOGER-IP	PICTURE X(20).

02	Z36-RENEW-CATALOGER-NAME	PICTURE X(10).
02	Z36-RENEW-CATALOGER-IP	PICTURE X(20).
02	Z36-RENEW-MODE	PICTURE X(10).
02	Z36-BOR-TYPE	PICTURE X(2).
02	Z36-NOTE-ALPHA	PICTURE X(1).
02	Z36-RECALL-DATE	PICTURE 9(8).
02	Z36-RECALL-DUE-DATE	PICTURE 9(8).
02	Z36-LAST-RENEW-DATE	PICTURE 9(8).
02	Z36-ORIGINAL-DUE-DATE	PICTURE 9(8).
02	Z36-PROCESS-STATUS	PICTURE X(2).
02	Z36-LOAN-TYPE	PICTURE X(1).
02	Z36-PROXY-ID	PICTURE X(12).
02	Z36-RECALL-TYPE	PICTURE X(2).
02	Z36-RETURN-LOCATION	PICTURE X(5).
02	Z36-RETURN-SUB-LOCATION	PICTURE X(100).
02	Z36-SOURCE	PICTURE X(1).
02	Z36-DELIVERY-TIME	PICTURE X(4).
02	Z36-TAIL-TIME	PICTURE X(4).
02	Z36-UPD-TIME-STAMP	PICTURE 9(15).
02	Z36-LOAN-CATALOGER-IP-V6	PICTURE X(50).
02	Z36-RETURN-CATALOGER-IP-V6	PICTURE X(50).
02	Z36-RENEW-CATALOGER-IP-V6	PICTURE X(50).

Z36H record:

01	Z36H-LOAN.	
02	Z36H-TIME	PICTURE X(15).
02	Z36H-REC-KEY.	
03	Z36H-DOC-NUMBER	PICTURE 9(9).
03	Z36H-ITEM-SEQUENCE	PICTURE 9(6).

The Z36H continues as above, to the end of Z36.

Util X/13 can be used to clean Z36H records from the database.

Z36H-TIME	M	9(15)	<b>DESC:</b> Time stamp, assigned when record is created YYYYMMDDHHMMSS. <b>CONV:</b> Put unique time stamp.
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<b>Z36-REC-KEY</b>			
Z36-DOC-NUMBER	M	9(9)	<b>DESC:</b> System number of the administrative record associated to the loan. <b>CONV:</b> ADM system number.
Z36-ITEM-SEQUENCE	M	9(6)	<b>DESC:</b> Item sequence number, within one ADM number. <b>CONV:</b> Use Z30-ITEM-SEQUENCE.
Z36-ID	M	X(12)	<b>DESC:</b> Patron's ID (Z303-ID). If the user is linked to another user (by the Z303-PROXY-FOR-ID) and he has been attributed circulation activities that affect loan transactions (Z303-PROXY-ID-TYPE = 02, 04, or 99), then this field contains the sponsor's ID (Z303-PROXY-FOR-ID). <b>CONV:</b> Patron's ID (Z303-ID) or sponsor's ID (Z303-PROXY-FOR-ID).
Z36-NUMBER	M	9(9) Leading zeroes	<b>DESC:</b> Loan number. Used as a unique identifier of the loan. The number is taken from the Z52-SEQUENCE last-loan-number (UTIL G/2). <b>CONV:</b> Must be unique. Create consecutive numbers, starting with 00000001. <b>Important note:</b> at the end of the conversion, create the last-loan-number sequence in accordance with the last converted Z36-NUMBER.
Z36-MATERIAL	M	X(5) Upper case	<b>DESC:</b> Type of material loaned. <b>CONV:</b> The content of this field is Z30-MATERIAL.
Z36-SUB-LIBRARY	M	X(5) Upper case	<b>DESC:</b> Sublibrary code. <b>CONV:</b> The content of this field is Z30-SUB-LIBRARY.
Z36-STATUS	M	X(1)	<b>DESC:</b> Loan status. Values are: A= Active (on loan) C= Claimed Returned L= Lost <b>CONV:</b> Relevant status.

Z36-LOAN-DATE	M	9(8) Format: YYYYMMDD	<b>DESC:</b> Date the loan transaction was executed. <b>CONV:</b> Relevant date.
Z36-LOAN-HOUR	M	9(4) Format: HHMM.	<b>DESC:</b> Hour the loan transaction was executed. <b>CONV:</b> Relevant hour.
Z36-EFFECTIVE-DUE-DATE	-	9(8)	<b>DESC:</b> For future use. <b>CONV:</b> Blank
Z36-DUE-DATE	M	9(8) Format: YYYYMMDD	<b>DESC:</b> Active due date (see also ORIGINAL-DUE-DATE and RECALL-DUE-DATE). This field changes according to loan transactions (e.g. renew loan). Note that the effective due date depends on the setup of the RECALL-METHOD flag of the tab100 table. If the flag is set to '1', then the effective due date is the date contained in this field. If the flag is set to '2', then the effective due date is the earlier of Z36-RECALL-DUE-DATE and Z36-DUE-DATE. If the flag is set to '3', then the effective due date is the Z36-RECALL-DUE-DATE. <b>CONV:</b> Relevant date.
Z36-DUE-HOUR	M	9(4) Format: HHMM.	<b>DESC:</b> Return hour of the item. <b>CONV:</b> Relevant due hour.
Z36-RETURNED-DATE	M	9(8)	<b>DESC:</b> Date the item is returned. Z36 records always have zeroes in this field. Z36H records have actual date, YYYYMMDD. <b>CONV:</b> Put zeroes (Z36) or date (Z36H).
Z36-RETURNED-HOUR	M	9(4)	<b>DESC:</b> Hour the item is returned. Z36 records always have zeroes in this field. Z36H records have actual time, HHMM <b>CONV:</b> Put zeroes (Z36) or time (Z36H).
Z36-ITEM-STATUS	M	X(2)	<b>DESC:</b> Status of the loaned item. <b>CONV:</b> The content of this field is Z30-ITEM-STATUS.
Z36-BOR-STATUS	M	X(2)	<b>DESC:</b> Borrower status from the borrower record that was "used" (i.e. the borrower record that most closely matched the item record) when the item was loaned.  For item renewal, the BOR-STATUS-FOR-RENEWAL flag of the library's tab100 table defines if the system uses the

			<p>borrower status of the Z36-BOR-STATUS (i.e., the borrower status at the time of the initial loan) or if it uses the borrower' current status stored in the Z305-BOR-STATUS. If this option is selected, the system will use the Z305-BOR-STATUS field to update the Z36-BOR-STATUS.</p> <p><b>CONV:</b> The content of this field is Z305-BOR-STATUS.</p> <p>If the user has a Z305 record with the same sublibrary as the item, then this borrower status field should be the same as the Z305-BOR-STATUS field. If there is no matching Z305 record, the Z36-BOR-STATUS = the "next" z305 record from alephe/tab/tab_sub_library, cols. 9 to 13.</p>
Z36-LETTER-NUMBER	M	9(2)	<p><b>DESC:</b> Number of overdue notices sent.</p> <p><b>CONV:</b> Put zeroes or relevant number.</p>
Z36-LETTER-DATE	M	9(8) Format: YYYYMMDD	<p><b>DESC:</b> Date overdue notice or lost notices were sent to the borrower.</p> <p><b>CONV:</b> If Z36-LETTER-NUMBER is zeroes, put zeroes. Otherwise put a relevant date.</p>
Z36-NO-RENEWAL	M	9(1)	<p><b>DESC:</b> Number of renewals. Note that this field counts up to 9 renewals. Note that if the Z36-DUE-DATE and the Z36-DUE-HOUR do not change, the item is not renewed and this field is not updated.</p> <p><b>CONV:</b> Put zeroes or relevant number of renewals.</p>
Z36-NOTE-1	O	X(30)	<p><b>DESC:</b> Free text note.</p> <p><b>CONV:</b> Blank or relevant info.</p>
Z36-NOTE-2	O	X(30)	<p><b>DESC:</b> Free text note.</p> <p><b>CONV:</b> Blank or relevant info.</p>
Z36-LOAN-CATALOGER-NAME	M	X(10) Upper case	<p><b>DESC:</b> This field contains the user name of the librarian who performed the loan transaction. This field is added automatically by the system when the loan is performed.</p> <p><b>CONV:</b> Use 'CONV' as a default or operator's user name.</p>
Z36-LOAN-CATALOGER-IP	O	X(20)	<p><b>DESC:</b> This field contains the workstation's identifier (if defined) or the internal IP of the workstation from which the loan was performed. This field is added automatically by the system when</p>

			the loan is performed. <b>CONV:</b> Relevant IP or blank
Z36-RETURN-CATALOGER-NAME	O	X(10)	<b>DESC:</b> This field contains the user name of the librarian who performed the return transaction for the loaned item. This field is added automatically by the system when the item is returned and is copied into the history record (Z36H) before deleting the loan record. <b>CONV:</b> Blank.
Z36-RETURN-CATALOGER-IP	O	X(20)	<b>DESC:</b> This field contains the workstation's identifier (if defined) or the internal IP of the workstation from which the loan was returned. This field is added automatically by the system when the item is returned and is copied into the history record (Z36H) before deleting the loan record <b>CONV:</b> Blank.
Z36-RENEW-CATALOGER-NAME	O	X(10)	<b>DESC:</b> This field contains the user name of the librarian who performed a renew transaction for the loaned item. <b>CONV:</b> Blank
Z36-RENEW-CATALOGER-IP	O	X(20)	<b>DESC:</b> This field contains the workstation's identifier (if defined) or the internal IP of the workstation from which the item was renewed. <b>CONV:</b> Blank
Z36-RENEW-MODE	O	X(10)	<b>DESC:</b> This field determines the origin of the renew transaction. Values are: WEB = the transaction was performed from the Web OPAC. GUI = the transaction was performed from the GUI. <b>CONV:</b> Blank or relevant value.
Z36-BOR-TYPE	O	X(2)	<b>DESC:</b> Borrower type. <b>CONV:</b> Blank as default or relevant borrower type (Z305-BOR-TYPE).
Z36-NOTE-ALPHA	O	X(1)	<b>DESC:</b> Alpha code of the note. Use <b>L</b> for all scripts (e.g. Latin, Greek, Cyrillic, etc.). <b>CONV:</b> L if Z36-NOTE-1 or Z36-NOTE-2 are present, else blank.
Z36-RECALL-DATE	M	9(8) Format: YYYYMMDD	<b>DESC:</b> Date the item was recalled (a recall letter was printed to the borrower, asking him to return it). <b>CONV:</b> Relevant date or zeroes.

Z36-RECALL-DUE-DATE	M	9(8) Format: YYYYMMDD	<b>DESC:</b> Due date computed as a result of the recall transaction. The date might actually be later than the due date, if the recall was generated close to the end of the loan period. It is retained for computing fine owing for late return of recalled item. <b>CONV:</b> Relevant date or zeroes.
Z36-LAST-RENEW-DATE	M	9(8) Format: YYYYMMDD	<b>DESC:</b> Date on which the item on loan was last renewed. <b>CONV:</b> Relevant date or zeroes.
Z36-ORIGINAL-DUE-DATE	M	9(8) Format: YYYYMMDD	<b>DESC:</b> Original due date. When an item is loaned, the value of the Z36-DUE-DATE is entered into this field. Note that the Z36-DUE-DATE field changes according to loan transactions (e.g. renew loan), while the Z36-ORIGINAL-DUE-DATE field does not change and keeps the original due date to maintain loan history. If the RECALL-METHOD flag in the tab100 table is set to '1', when the item is recalled, this field does change and it contains the date in effect at the time of the recall. <b>CONV:</b> Relevant date or Z36-DUE-DATE.
Z36-PROCESS-STATUS	O	X(2)	<b>DESC:</b> Item's processing status (e.g. on order, cancelled, binding, etc.) - Z30-ITEM-PROCESS-STATUS. <b>CONV:</b> Z30-ITEM-PROCESS-STATUS or blank.
Z36-LOAN-TYPE	-	X(1)	<b>DESC:</b> Not applicable. Future use. <b>CONV:</b> Blank.
Z36-PROXY-ID	O	X(12)	<b>DESC:</b> ID of the borrower that performed the loan for a sponsor ID. This field contains the Z303-ID field of the user that performed the loan (the Z36-ID contains the sponsor's ID - Z303-PROXY-ID). <b>CONV:</b> Relevant ID (Z303-ID) or blank.
Z36-RECALL-TYPE	O	X(2)	<b>DESC:</b> Recall type. Values are: <b>01</b> = Regular <b>02</b> = Rush <b>03</b> = No recall <b>CONV:</b> Relevant value or blank. During conversion, if no recall has been placed for the item, leave this field blank.
Z36-RETURN-LOCATION	O	X(5)	<b>DESC:</b> This field is populated if the loan

			was created following a booking request. The return location of the booking request is kept in this field. <b>CONV:</b> Blank or relevant string
Z36-RETURN-SUB-LOCATION	O	X(100)	<b>DESC:</b> This field is populated if the loan was created following a booking request. The return sub location of the booking request is kept in this field. <b>CONV:</b> Blank or relevant string
Z36-SOURCE	O	X(1)	<b>DESC:</b> This field identifies how the loan was created. If a regular loan was created the field is Blank Values are: <b>H</b> - The loan was created following a hold request. <b>B</b> - The loan was created following a booking request. <b>CONV:</b> Blank or one of the values H or B
Z36-DELIVERY-TIME	O	X(4)	<b>DESC:</b> This field is populated if the loan was created following a booking request. The delivery time (the time that will be added at the end of the booking request) is kept in this field. <b>CONV:</b> Blank or relevant string
Z36-TAIL-TIME		X(4)	<b>DESC:</b> This field is populated if the loan was created following a booking request. The tail time (the time that will be added at the end of the booking request ) is kept in this field. <b>CONV:</b> Blank or relevant string
Z36-UPD-TIME-STAMP	M	9(15)	<b>DESC:</b> Time the record was created or updated. <b>CONV:</b> Relevant date.
Z36-LOAN-CATALOGER-IP-V6	O	X(50)	<b>DESC:</b> For future use.
Z36-RETURN-CATALOGER-IP-V6	O	X(50)	<b>DESC:</b> For future use.
Z36-RENEW-CATALOGER-IP-V6	O	X(50)	<b>DESC:</b> For future use.