Z411 – ILL BORROWING - REQUEST TO SUPPLIER

The Z411 is an ILL library (XXX40) Oracle table that contains administrative information about interlibrary loan (ILL) borrowing (outgoing) requests that are sent to the supplier.

Z411 ILL Borrowing-Request to Supplier has a direct link to Z410 ILL Borrowing-Patron Request.

It is not necessarily expected that a library will convert ILL requests to suppliers when installing the Aleph system. In some cases, the library might inform suppliers that there is a system switch-over and that outstanding requests will be re-entered and re-send to suppliers.

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  Z411.
 02 Z411-REC-KEY.
   03 Z411-DOC-NUMBER          PICTURE 9(9).
   03 Z411-SEQUENCE            PICTURE 9(9).

 02 Z411-PARTNER-CODE          PICTURE X(20).
 02 Z411-SYSTEM-NUMBER          PICTURE X(20).
 02 Z411-SHELVING              PICTURE X(30).
 02 Z411-NOTE-TO-PARTNER       PICTURE X(150).
 02 Z411-LETTER-TYPE           PICTURE 9(2).
 02 Z411-REQUEST-PROTOCOL-TYPE  PICTURE X(5).
 02 Z411-SEND-METHOD            PICTURE X(5).
 02 Z411-REQUESTED-MEDIA        PICTURE X(20).
 02 Z411-REQUEST-SEND-DATE      PICTURE 9(8).
 02 Z411-REQUEST-SEND-TIME      PICTURE 9(6).
 02 Z411-STATUS                 PICTURE X(3).
 02 Z411-STATUS-DATE            PICTURE 9(8).
 02 Z411-OPEN-DATE              PICTURE 9(8).
 02 Z411-UPDATE-DATE            PICTURE 9(8).
 02 Z411-EXPECTED-ARRIVAL-DATE  PICTURE 9(8).
 02 Z411-SUPP-MEDIA            PICTURE X(20).
 02 Z411-ARRIVAL-DATE           PICTURE 9(8).
 02 Z411-CIRCULATION-NOTE       PICTURE X(150).


 02 Z411-CIRC-INFO.
   03 Z411-CIRC-DOC-NUMBER       PICTURE 9(9).
   03 Z411-CIRC-ITEM-SEQUENCE   PICTURE 9(6).

 02 Z411-ITEM-BARCODE          PICTURE X(30).

 02 Z411-CUSTOMER-ID           PICTURE X(20).
 02 Z411-REFERENCE-NUMBER       PICTURE X(20).
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          02 Z411-REQUIRE-USER-AGREEMENT PICTURE X(1).
          02 Z411-CATALOGER             PICTURE X(10).
          02 Z411-AGREEMENT-BLOCKING    PICTURE X(1).
          02 Z411-AGREEMENT-SIGNED      PICTURE X(1).
          02 Z411-REAPPLY-DATE          PICTURE 9(8).
          02 Z411-S-BUDGET-NUMBER       PICTURE X(50).
          02 Z411-CR-BUDGET-NUMBER      PICTURE X(50).
          02 Z411-BL-KEYWORDS1          PICTURE X(150).
          02 Z411-BL-KEYWORDS2          PICTURE X(150).
          02 Z411-MEDIA-SEND-METHOD     PICTURE X(2).
          02 Z411-REQUEST-NUMBER-1  PICTURE X(30).
          02 Z411-AVG-SUPPLY-DAYS       PICTURE 9(3).
          02 Z411-EXPIRY-DAYS           PICTURE 9(3).
          02 Z411-DELIVERY-DELAY        PICTURE 9(3).
          02 Z411-TRANSACTION-NUMBER.
            03 Z411-REQUESTER-SYSTEM-ID  PICTURE X(50).
            03 Z411-GROUP-QUALIFIER      PICTURE X(25).
            03 Z411-QUALIFIER            PICTURE X(25).
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Z411-REC-KEY			
Z411-DOC-NUMBER	M	9(9)	**DESC:** The ILL request doc number. It is the same as Z410-DOC-NUMBER of the linked Z410. **CONV:** ILL system number.
Z411-SEQUENCE	M	9(9)	**DESC:** Sequence number of an ILL request to supplier. Used to distinguish between requests to different suppliers for the same ILL request. Z411-SEQUENCE of the active request to supplier is assigned in Z410-Z411-SEQUENCE. **CONV:** Create consecutive numbers. Begin with 000000000. Every request placed on the same Z411-DOC-NUMBER should be increased by one.
Z411-PARTNER-CODE	M	X(20)	**DESC:** The request's supplier code (Z700-INTERNAL-CODE). **CONV:** Relevant code.
Z411-SYSTEM-NUMBER	-	X(20)	**DESC:** Not applicable. **CONV:** Blank.
Z411-SHELVING	O	X(30)	**DESC:** Shelving description. This field can be used to specify the shelf location at the ILL supplier. Free text note. **CONV:** Relevant string or blank.
Z411-NOTE-TO-PARTNER	O	X(150)	**DESC:** Free text note. The note will be included in the request sent to the supplier. **CONV:** Relevant string or blank.

Z411-LETTER-TYPE	O/M	9(2)	**DESC:** Default letter type for letters that are sent to the partner. Mandatory if Z411-REQUEST-PROTOCOL-TYPE = LT. Recommended to set also for other protocol types. Values: 00-99. **CONV:** Relevant value. You may use "00" as a default.
Z411-REQUEST-PROTOCOL-TYPE	M	X(5)	**DESC:** The method in which your library sends the request to the partner. The default value is taken from the Z700-PROTOCOL-TYPE of the Z411-PARTNER-CODE. Options: **ISO** – ISO TCP protocol **SLNP** – German protocol **DANZG –** Danish Protocol **LT** – Letter: the partner uses letter-based communication for example: e-mail, fax, and telephone. **BL** –ARTel/ARTemail: the partner accepts the British Library protocol TX format. **CONV**: Relevant code.
Z411-SEND-METHOD	O/M	X(5)	**DESC**: The method in which letters are sent to the partner. Mandatory if Z411-REQUEST-PROTOCOL-TYPE = LT. Recommended to also set for other protocol types. The default value is taken from the Z700-SEND-METHOD of the Z411-PARTNER-CODE. Values are defined in ILL-SEND-METHOD menu of the ILL library's tab/pc_tab_exp_field.<lng> Options: **PRINT** **EMAIL** **CONV:** Relevant value or blank.
Z411-REQUESTED-MEDIA	M	X(20)	**DESC:** The requested media type is completed automatically by the system from the contents of Z410-MEDIA. Media codes are defined in ILL-REQUEST-MEDIA menu of the ILL library's tab/pc_tab_exp_field.<lng> **CONV:** Z40-MEDIA.

Z411-REQUEST-SEND-DATE	M/O	9(8) Format: YYYYMMDD	**DESC:** Date the request was sent to the supplier. Mandatory for requests that are already sent to the supplier. **CONV:** Relevant date or conversion date.
Z411-REQUEST-SEND-TIME	M/O	9(6) Format: HHMMSS	**DESC:** Time the request was sent to the supplier. Mandatory for requests that are already sent to the supplier. **CONV:** Relevant time or conversion time.
Z411-STATUS	M	X(3)	**DESC:** Supplier request status. Values are defined in BOR-REQ-STATUS menu of the ILL library's tab/pc_tab_exp_field.<lng>. Note that this menu defines statuses for Z410-STAUS and Z411-STATUS. Part of the statuses is relevant only for Z410-STATUS. Samples of Z411-STATUS: **NEW** = Default value when a new supplier request is created. **PND** = Pending. Use this status for supplier requests that are temporarily placed on hold. **SV** = Sent to supplier. **UNF**=Unfilled **WSP**=Will be Supplied **CRP**= Conditional Reply **HPL**= Hold Placed **EST**= Estimate Reply **LON**= Loaned to Library **LOP**=Loaned to Patron **RT**= Returned by Library **RTP**= Returned by Patron **CONV:** Relevant status code.
Z411-STATUS-DATE	M	9(8) Format: YYYYMMDD	**DESC:** Date the status of the supplier request field was last changed. **CONV:** Relevant date or conversion date.
Z411-OPEN-DATE	M	9(8) Format: YYYYMMDD	**DESC:** Date the supplier request was first created. **CONV:** Relevant date or conversion date.
Z411-UPDATE-DATE	M	9(8) Format: YYYYMMDD	**DESC:** Date the supplier request was last updated. **CONV:** Relevant date or conversion date.

Z411-EXPECTED-ARRIVAL-DATE	M	9(8) Format: YYYYMMDD	**DESC:** Expected arrival date of the material from the supplier. If left blank, the system will calculate the date based on the day the request was actually sent plus the number of days set in Z411-AVG-SUPPLY-DAYS. **CONV:** Relevant date or zeroes.
Z411-SUPP-MEDIA	M	X(20)	**DESC:** This field is to specify the media that has been supplied. By default, the field will be filled with the same value as the Z411-REQUESTED-MEDIA but can be overwritten, if necessary. In a case where the supplier actually supplied other media, Z411-SUPP-MEDIA is updated accordingly. **CONV:** Relevant values.
Z411-ARRIVAL-DATE	M	9(8) Format: YYYYMMDD	**DESC:** Date the material was received from the supplier. This field is automatically inserted by the system when the **Receive** action is completed. **CONV:** Relevant date or zeroes.
Z411-CIRCULATION-NOTE	O	X(150)	**DESC:** Free text note. This note is populated in the Z30-NOTE-CIRCULATION of the first temporary item that is created as a result of receiving a 'returnable' media. **CONV:** Relevant string or blank.
Z411-EXPECTED-RETURN-DATE	M	9(8) Format: YYYYMMDD	**DESC:** For loans only. Date by which the item must be returned to the supplier. **CONV:** Relevant date or zeroes.
Z411-RETURN-DATE	M	9(8) Format: YYYYMMDD	**DESC:** Date the material was returned to the supplier. **CONV:** Relevant dates or zeroes.
Z411-PAGES	M	9(3)	**DESC:** Number of received pages. Used if **Copy** is chosen. **CONV:** Relevant value or zeroes.
Z411-PAGE-SIZE	O	X(2)	**DESC:** Page size. Used if **Copy** is chosen. Values are defined in PAGE-SIZE menu of the ILL library's tab/pc_tab_exp_field.<lng>. Sample of values: A1 A2 A3 A4 **CONV:** Relevant value or blank.

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Z411-E-CURRENCY	O	X(3)	**DESC:** The currency code in which it is expected that the supplier is paid for the service (Z83-CURRENCY-NAME). Currency code can be VOU for "voucher". **CONV:** Relevant currency code (Z83-CURRENCY-NAME) or blank.
Z411-E-PRICE	M	9(8)V99 Leading zeroes	**DESC:** The estimated cost (in the supplier's currency) of the supplier providing the ILL service. Alternatively, this may be the number of vouchers required for the request. **CONV:** Relevant value or zeroes.
Z411-E-LOCAL-PRICE	M	9(8)V99 Leading zeroes	**DESC:** The estimated cost (in the local currency) of the supplier providing the ILL service. Alternatively, this may be the number of vouchers required for the request. **CONV:** Relevant value or zeroes.
Z411-S-CURRENCY	O	X(3)	**DESC:** The currency code in which the supplier is to be paid for its service (Z83-CURRENCY-NAME). **CONV:** Relevant currency code (Z83-CURRENCY-NAME) or blank.
Z411-S-PRICE	M	9(8)V99 Leading zeroes	**DESC:** The payment (in the supplier's currency) to be made to the supplier providing ILL service. Alternatively this may be the number of vouchers required for the request. **CONV:** Relevant value or zeroes.
Z411-S-LOCAL-PRICE	M	9(8)V99 Leading zeroes	**DESC:** The cost (in the local currency) of the supplier providing ILL service. Alternatively this may be the number of vouchers required for the request. **CONV:** Relevant value or zeroes.
Z411-PATRON-CURRENCY	O	X(3)	**DESC:** The currency in which the borrower will be charged for the library processing the request. **CONV:** Relevant currency code (Z83-CURRENCY-NAME) or blank.
Z411-PATRON-PRICE	M	9(8)V99 Leading zeroes	**DESC:** The cost to the patron (in the supplier's currency) for supplying the ILL request. **CONV:** Relevant value or zeroes.
Z411-PATRON-LOCAL-PRICE	M	9(8)V99 Leading zeroes	**DESC:** The cost (in the local currency) for supplying the borrower's ILL request. The system will calculate this figure. **CONV:** Relevant value or zeroes.

Z411-COPYRIGHT-COMPLIENT	O	X(3)	**DESC:** Relevant only for ILL US and Australian copyright modes. This field is used when ILL library's tab/ tab100 flag COPYRIGHT-MODE=1 or 2. For mode 1 (US) Possiable values: **CCG** **CC** For mode 2 (Australian): copyright compliant free text. **CONV:** Relevant value or blank.
Z411-COPYRIGHT-CURRENCY	O	X(3)	**DESC:** The currency code in which the copyright fee portion of the request should be charged. **CONV:** Relevant currency code (Z83-CURRENCY-NAME) or blank.
Z411- COPYRIGHT-PRICE	M	9(8)V99 Leading zeroes	**DESC:** The charge (in the copyright currency) for the copyright fee portion of the borrower's request. **CONV:** Relevant value or zeroes.
Z411-COPYRIGHT-LOCAL-PRICE	M	9(8)V99 Leading zeroes	**DESC:** The charge (in the local currency) for the copyright fee portion of the borrower's request. The system will calculate this figure. **CONV:** Relevant value or zeroes.
Z411-CIRC-DOC-NUMBER	M	9(9)	**DESC:** Upon receipt of material from the supplier, if the media type is 'Loan' an ADM record is created. Z411-CIRC-DOC-NUMBER is the same as the ADM doc number. **CONV**: Relevant value or zeroes.
Z411-CIRC-ITEM-SEQUENCE	M	9(6)	**DESC:** Upon receipt of material from the supplier, if the media type is 'Loan' item record(s) are created. Z411-CIRC-ITEM-SEQUENCE is the same as the first created item's Z30-ITEM-SEQUENCE. **CONV:** Relevant value or zeroes.
Z411-ITEM-BARCODE	M	X(30)	**DESC:** Upon receipt of material from the supplier, if the media type is 'Loan' item record(s) are created. Z411- ITEM-BARCODE is the same as the first created item's Z30-BARCODE. **CONV:** Relevant value or zeroes.

Z411-CUSTOMER-ID	O/M	X(20)	**DESC:** This field is mandatory for BL requests (Z411-REQUEST-PROTOCOL-TYPE=BL). It can also be used for each request to a supplier that demands Customer ID identification. This field is used to define in which account with the supplier the request should be registered or invoiced. Values must match Z413-CUSTOMER-ID. **CONV:**Z43-CUSTOMER-ID or blank.
Z411-REFERENCE-NUMBER	O	X(20)	**DESC:** This field can be used to record a reference number that was given by the supplier for this specific request. **CONV:** Relevant value or blank.
Z411-REQUIRE-USER-AGREEMENT	O	X(1)	**DESC:** This field determines if the borrower is required to sign a copyright declaration form in order to receive the item. Values are 'Y' or 'N'. Default value is determined by definition in the ILL library's tab/tab47.eng. **CONV:** Relevant value or blank.
Z411-CATALOGER	O	X(10)	**DESC:** User name of the ILL librarian processing the request. **CONV:** Blank or "CONV".
Z411-AGREEMENT-BLOCKING	O	X(1)	**DESC:** This field determines whether the request can or cannot be sent to a supplier that require 'copyright agreement' if the borrower has not signed a copyright declaration form. Values are 'Y' or 'N'. Default value is determined by definition in the ILL library's tab/tab47.eng. **CONV:** Relevant value or blank.
Z411-AGREEMENT-SIGNED	O	X(1)	**DESC:** This field defines whether the borrower has signed the copyright declaration form. Values are 'Y' and 'N'. If Z411-AGREEMENT-BLOCKING = Y and Z411-AGREEMENT-SIGNED = N the request cannot be sent to the supplier. **CONV:** Relevant value or blank.
Z411-REAPPLY-DATE	M	9(8) Format: YYYYMMDD	**DESC:** After a request has been submitted, the supplier may ask to reapply at a later date. This field contains the date at which the library wishes to reapply. **CONV:** Relevant date or zeroes.
Z411-S-BUDGET-NUMBER	O	X(50)	**DESC:** Not applicable.

Z411-CR-BUDGET-NUMBER	O	X(50)	**DESC:** Not applicable
Z411-BL-KEYWORDS1	O	X(150)	**DESC:** British Library Keyword Codes (which appear on the TX line of the ART transmission). This field is only relevant for Z411-REQUEST-PROTOCOL-TYPE = BL. Values are defined in BL-KEYWORDS menu of the ILL library's tab/pc_tab_exp_field.\<lng\>. **CONV:** Relevant value or blank.
Z411-BL-KEYWORDS2	O	X(150)	**DESC:** As Z411-BL-KEYWORDS1. **CONV:** Relevant value or blank
Z411-MEDIA-SEND-METHOD	O	X(2)	**DESC:** This field contains the library's preferred sending method. The sending method is the way in which the requested material is sent from the vendor to the library. Values are defined in ILL-DELIVERY-METHOD menu of the ILL library's tab/ pc_tab_exp_field.\<lng\>. **CONV:** Blank or relevant value.
Z411-REQUEST-NUMBER-1	O	X(30)	**DESC: DESC:** This field contains the request number that is created when applying to suppliers. It enables searching borrowing requests by entering the supplier request number. This field is optional. **CONV:** Blank or relevant value.
Z411-AVG-SUPPLY-DAYS	M	9(3)	**DESC**: The average number of days it take for the supplier to supply the requested item. The default value is taken from Z701-AVG-SUPPLY-DAYS. If it is 000 than the Z700-DELIVERY-DELAY parameter is used. **CONV:** Z701-AVG-SUPPLY-DAYS. If it is 000 than Z700-DELIVERY-DELAY. If both blank than zeroes.
Z411-EXPIRY-DAYS	M	9(3)	**DESC:** The number of days after which the request to the supplier is considered as 'expired'. The default value is taken from Z701-EXPIRY-DAYS. **CONV:** Z701-EXPIRY-DAYS or zeroes.

Z411-DELIVERY-DELAY	M	9(3)	**DESC**: The number of days it takes to return material to the supplier. This parameter is used when the system calculates the Z36-DUE-DATE of ILL loaned material. The default value is taken from Z701- DELIVERY-DELAY. If it is 000 than the Z700-RETURN-DELAY parameter is used. **CONV:** Z701- DELIVERY-DELAY. If it is 000 than Z700-RETURN-DELAY. If both blank than zeroes.
Z411-TRANSACTION-NUMBER			
Z411-REQUESTER-SYSTEM-ID	M\O	X(50)	**DESC:** The ISO Institution Symbol (Z700-PROTOCOL-CODE) of the sending ILL Unit. Mandatory when the protocol type is ISO or DANZG **CONV:** The ISO Institution Symbol (Z700-PROTOCOL-CODE) of the sending ILL Unit if the Z411-REQUEST-PROTOCOL-TYPE is ISO or DANZG. May be blanks if the Z411-REQUEST-PROTOCOL-TYPE is not ISO or DANZG
Z411-GROUP-QUALIFIER	M\O	X(25)	**DESC:** The Transaction Group Qualifier of the ILL transaction. Mandatory when the protocol type is ISO or DANZG **CONV:** The Transaction Group Qualifier of the ILL transaction if the Z411-REQUEST-PROTOCOL-TYPE is ISO or DANZG. May be blanks if the Z411-REQUEST-PROTOCOL-TYPE is not ISO or DANZG
Z411-QUALIFIER	M\O	X(25)	**DESC:** The Transaction Qualifier of the ILL transaction. Mandatory when the protocol type is ISO or DANZG **CONV:** The Transaction Qualifier of the ILL transaction if the Z411-REQUEST-PROTOCOL-TYPE is ISO or DANZG. May be blanks if the Z411-REQUEST-PROTOCOL-TYPE is not ISO or DANZG