

## Z71 – Order, Subscription and Invoice Log

The Z71 table acts as a "log" file and keeps track of various order, subscription and invoice payment related activities that have occurred, such as a change in the Order Status or in the Next Claim Date. The library's tab/tab45 determines which transactions will be included in the log. The tab45 table sets whether the transaction creates a log record or not, and defines the description for the action which is written in the log text field.

In the following table, (X) denotes an alphanumeric field and (9) denotes a numeric field. All alphanumeric fields are left-aligned with leading spaces, all numeric fields are right-aligned (with leading zeroes, where relevant). Decimal positions are indicated by the symbol V. The total number of decimal digits is designated by the number of nines following the V.

01 Z71.

02 Z71-REC-KEY.		K
03 Z71-SEQUENCE-TYPE	PICTURE X(1).	
03 Z71-DOC-NUMBER	PICTURE 9(9).	
03 Z71-COPY-ORDER-SEQUENCE	PICTURE 9(5).	
03 Z71-REC-SEQUENCE	PICTURE 9(15).	
02 Z71-REC-KEY-2.		S
03 Z71-VENDOR-CODE	PICTURE X(20).	
03 Z71-INVOICE-NUMBER	PICTURE X(15).	
03 Z71-REC-SEQUENCE-2	PICTURE 9(15).	
02 Z71-USER-NAME	PICTURE X(10).	
02 Z71-OPEN-DATE	PICTURE 9(8).	
02 Z71-OPEN-HOUR	PICTURE 9(4).	
02 Z71-OPEN-SECOND	PICTURE 9(4).	
02 Z71-ACTION-DATE	PICTURE 9(8).	
02 Z71-TYPE	PICTURE X(2).	
02 Z71-ALPHA	PICTURE X(1).	
02 Z71-TEXT	PICTURE X(200).	
02 Z71-DATA	PICTURE X(2000).	
02 Z71-TRIGGERED	PICTURE X(1).	

<b>Z71-REC-KEY</b>			
Z71-SEQUENCE-TYPE	M	X(1)	<b>DESC:</b> Defines the type of the log. Values are: <b>C</b> = For subscription or issue related activities not associated to an order record (Z68). Z71-DOC-NUMBER = Z16-DOC-NUMBER and Z71-COPY-ORDER-SEQUENCE = Z16-COPY-SEQUENCE. <b>O</b> = For order-related activities.

			<p>Z71-DOC-NUMBER = Z68-DOC-NUMBER and Z71-COPY-ORDER-SEQUENCE = Z68-SEQUENCE.</p> <p><b>I</b>=For Invoice payment related activities. For type "I", the following fields are not relevant: Z71-DOC-NUMBER, Z71-COPY-ORDER-SEQUENCE and Z71-REC-SEQUENCE.</p> <p>For Z71-SEQUENCE-TYPE='I'; Z71-REC-KEY-2 become relevant and are populated with general invoice information.</p> <p><b>CONV:</b> Relevant value.</p>
Z71-DOC-NUMBER	M	9(9) Leading zeroes	<p><b>DESC:</b> For Z71-SEQUENCE-TYPE = 'O', this field contains the Z68-DOC-NUMBER of the related order record. For Z71-SEQUENCE-TYPE = 'C', this field contains the Z16-DOC-NUMBER of the related subscription record.</p> <p><b>CONV:</b> ADM system number (Z68-DOC-NUMBER or Z16-DOC-NUMBER).</p>
Z71-COPY-ORDER-SEQUENCE	M	9(5) Leading zeroes	<p><b>DESC:</b> Sequence number of the record. For Z71-SEQUENCE-TYPE = 'O', this field contains the Z68-SEQUENCE of the related order record. For Z71-SEQUENCE-TYPE = 'C', this field contains the Z16-COPY-SEQUENCE of the subscription record.</p> <p><b>CONV:</b> Consecutive numbers (should match the Z68-SEQUENCE or the Z16-COPY-SEQUENCE).</p>
Z71-REC-SEQUENCE	M	9(15)	<p><b>DESC:</b> Unique sequence number assigned when the record is created. It is used to distinguish between multiple log records for the same order.</p> <p><b>CONV:</b> Must be unique. ALEPH's convention is time stamp + a running sequence (YYYYMMDD+ running sequence).</p> <p>For example: 200501130000001.</p> <p>The sequence is based on the last_record_sequence Oracle sequence that must be present in the pw_library.</p>
<b>Z71-REC-KEY-2</b>			
Z71-VENDOR-CODE	M/ O	X(20)	<p><b>DESC:</b> Mandatory for Z71-SEQUENCE-TYPE = 'I' (Invoice). This field contains the vendor code of the</p>

			related general invoice (Z77-VENDOR-CODE). <b>CONV:</b> Relevant value
Z71-INVOICE-NUMBER	M/ O	X(15)	<b>DESC:</b> Mandatory for Z71-SEQUENCE-TYPE = 'I' (Invoice). This field contains the invoice number of the related general invoice (Z77-INVOICE-NUMBER). <b>CONV:</b> Relevant value
Z71-REC-SEQUENCE-2	M/ O	9(15)	<b>DESC:</b> Mandatory for Z71-REC-KEY-2. Unique sequence number assigned when the record is created. It is used to distinguish between multiple log records for the same invoice. <b>CONV:</b> Must be unique. ALEPH's convention is time stamp + a running sequence (YYYYMMDD+ running sequence). For example: 200801130000001. The sequence is based on the last_record_sequence Oracle sequence that must be present in the pw_library.
Z71-USER-NAME	M	X(10)	<b>DESC:</b> User name of the librarian that registered the transaction. Note that if the transaction is of type EDI, then this field is set to EDI. <b>CONV:</b> Relevant user name or 'CONV'.
Z71-OPEN-DATE	M	9(8) Format: YYYYMMDD	<b>DESC:</b> Date the transaction took place. <b>CONV:</b> Relevant date or zeroes.
Z71-OPEN-HOUR	M	9(4) Format: HHMM	<b>DESC:</b> Hour the transaction took place. <b>CONV:</b> Relevant value or zeroes.
Z71-OPEN-SECOND	M	9(4)	<b>DESC:</b> Seconds the transaction took place. <b>CONV:</b> Relevant value or zeroes.
Z71-ACTION-DATE	M	9(8) Format: YYYYMMDD	<b>DESC:</b> For transactions created manually by the user. If the action date is later than the current date, then the transaction can be used as a "trigger" and will be displayed from the selected date in the Action Log Messages pane accessed through the Administrative tab of the Navigation Tree in the Acquisitions/Serials module. In addition, this field can be used as a retrieval filter by the Order-Log Report (acq-22) service.

			<b>CONV:</b> Relevant date or zeroes.
Z71-TYPE	M	X(2)	<p><b>DESC:</b> Transaction type. Values are defined in the library's tab/tab45.lng. For example:</p> <p><b>00</b> = General entry  <b>01</b> = Order status  <b>02</b> = Next claim date changed  <b>03</b> = Order created  <b>04</b> = Item created  <b>05</b> = Item process status changed  <b>06</b> = Order's estimated price  <b>08</b> = Arrival  <b>09</b> = Budget transactions (Encumbrance/Invoice)  <b>10</b> = Invoice  <b>11</b> = No budget  <b>12</b> = Vendor changed – Order  13= General Invoice Note  14= General Invoice Payment Status  15= Order moved from another ADM record  <b>31</b> = Serial's claim sent  <b>32</b> = Subscription created  <b>33</b> = Subscription changed  <b>34</b> = Change to issue arrival date  <b>35</b> = Issue modified  <b>36</b> = Vendor changed - Subscription  <b>93</b> = Claim altered  <b>94</b> = EDI response from vendor  <b>95</b> = Subscription history note  <b>96</b> = Vendor's reply to serial claim  <b>98</b> = Correspondence from vendor  <b>99</b> = Note to vendor</p> <p><b>CONV:</b> Relevant value.</p>
Z71-ALPHA	M	X(1)	<p><b>DESC:</b> Alpha code of the log record. Use <b>L</b> for all scripts (e.g. Latin, Greek, Cyrillic, etc.).</p> <p><b>CONV:</b> L.</p>
Z71-TEXT	M	X(200)	<p><b>DESC:</b> Description of the action defined in the library's tab/tab45 (e.g. "General", "Status change", etc.).</p> <p><b>CONV:</b> Relevant string.</p>
Z71-DATA	M	X(2000)	<p><b>DESC:</b> Action details. This field can be divided into two different sections:</p> <p><b>System Note:</b> This information is automatically added by the system. The values are defined in the acq_logger file</p>

			<p>of the alephe/error_eng directory. In this file the first two digits reflect the transaction type. For example:</p> <ul style="list-style-type: none"> <li>- Z71-TYPE = 01</li> <li>- tab45.lng contains: 01 Y N L Order status</li> <li>- The system note originates from the following message in acq_logger: 0101 0000 L Order status set as \$1.</li> </ul> <p><b>User Note:</b> Free text added by the user.</p> <p>Both notes are stored in this field in the following structure: System Note &lt;&lt;User Note&gt;&gt; For example: Order status set as RSV.&lt;&lt;Should be sent after vendor's confirmation&gt;&gt; <b>CONV:</b> Relevant string.</p>
Z71-TRIGGERED	M	X(1)	<p><b>DESC:</b> Values are "Y" and "N". If the user manually triggered the transaction and the Z71-ACTION-DATE is later than the Z71-OPEN-DATE this field is set to "N". In addition, transactions of Z71-TYPE = 94 (EDI response from vendor) are automatically set to "N". Other transaction types are set to "Y". <b>CONV:</b> Relevant value.</p>