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## edi-10 invoice load updates; rolling back / undoing load

- **Article Type:** Q&A
  - **Product:** Aleph
  - **Product Version:** 19.01
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### Question

What updates does edi-10 ("Load EDI Incoming Messages") perform? Can an edi-10 load be undone (-- in a situation where EDI loading wasn't stopped early enough in preparation for fiscal period close)?

### Answer

It is preferable to change the fiscal period (increase the Z76\_VALID\_DATE\_TO of the current budgets and decrease the Z76\_VALID\_DATE\_FROM of the new budgets) in order to avoid these complicated, error-prone updates.

### Additional Information

Undoing the load would involve undoing all of the updates shown below.

The EDI load:

1. creates the z77 invoice record, z75 invoice line items, and z74 EDI log records;
2. changes the z601 budget transactions from z01\_type "ENC" to z601\_type "INV";
3. updates z68 order records\*;
4. creates z78 arrival records (for monographs) and z79 (type "I" and "I2") order index records; and
5. creates/updates z30 item records (connected to the associated order via the Z30\_ORDER\_NUMBER field).

\* EDI may update the following z68 fields:

Z68\_ORDER\_STATUS CHAR(3)  
Z68\_ORDER\_STATUS\_DATE\_X CHAR(8)  
Z68\_ARRIVAL\_STATUS CHAR(1)  
Z68\_INVOICE\_STATUS CHAR(1)  
Z68\_LAST\_TOUCH\_DATE NUMBER(8)

The z79 order index can be rebuilt by the acq-04 service.

The z76 budget record is *not* updated. (It contains no amounts; its balance is calculated dynamically by totaling the z601 amounts.) Therefore, nothing would need to be done with the z76 budget records.

It seems that the z71 order log is not updated; the z74 EDI log is updated instead.

The Z75\_REC\_KEY\_2 looks like this:

03 Z75-VENDOR-CODE PICTURE X(20).  
03 Z75-INVOICE-NUMBER PICTURE X(15).  
03 Z75-LINE-NUMBER PICTURE 9(5).

the Z601\_REC\_KEY\_2, like this:

03 Z601-VENDOR-CODE PICTURE X(20).  
03 Z601-INVOICE-NUMBER PICTURE X(15).  
03 Z601-LINE-NUMBER PICTURE 9(5).

the Z74\_REC\_KEY\_3, like this:

03 Z74-VENDOR-CODE PICTURE X(20).  
03 Z74-INVOICE-NUMBER PICTURE X(15).  
03 Z74-LINE-NUMBER PICTURE 9(5).

**Category:** Acquisitions (500)

**Subject:** EDI (500)

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