

# CSEP Invoice File Format Changes

Proposed options for  
consideration  
Thursday 14th December  
2006

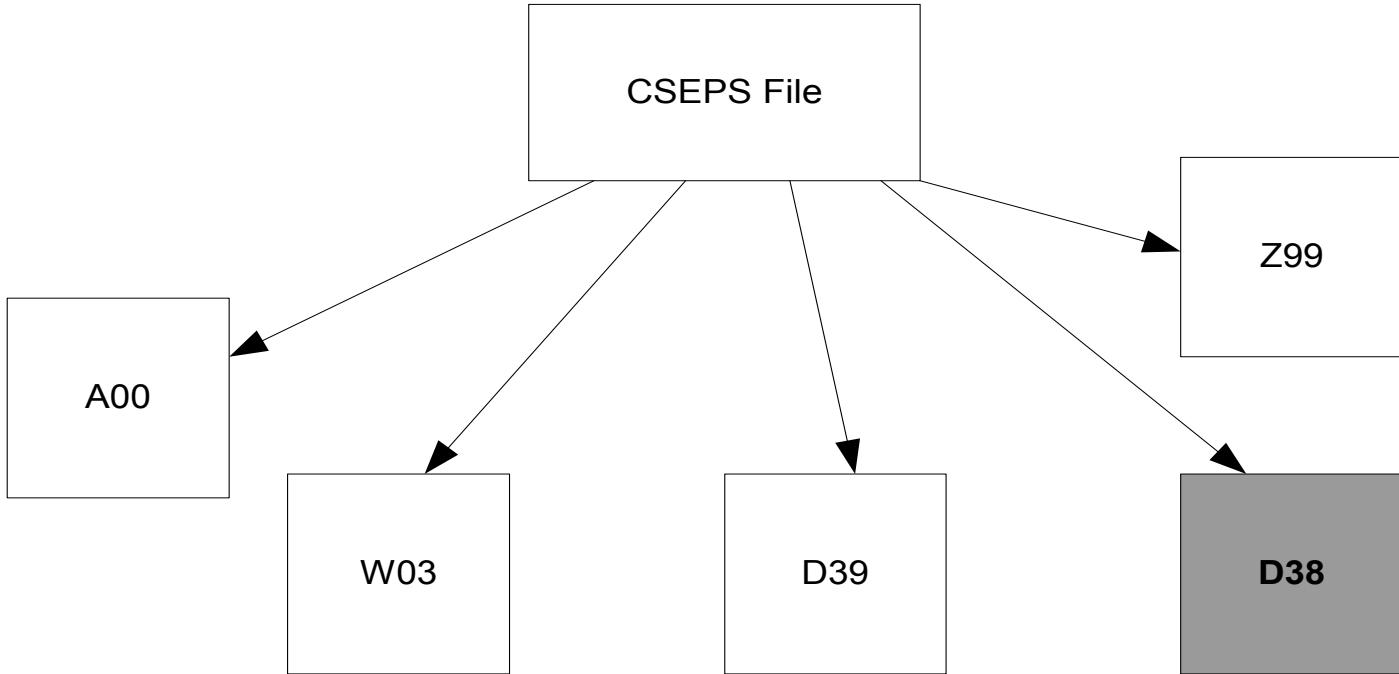
- A consortium of Shippers from the Billing Operations Forum have raised a request to generate the invoice number on each line of the CSEP's supporting data file and for each line to contain only one charge item per LMN.
- This additional information is required to assist in the validation of the charge types.

After analysis of the request we have identified 2 options to be considered:-

- Option 1 :-  
add the Invoice Number to each LMN on the detailed supporting information known as D38 record.
- Option 2:-  
Create 4 new records in addition to existing D38 record.

# Current file format hierarchy :-

- A00 - Standard Header
- W03 - NWO to LDZ Relationship Information
- D39 - Summary Supporting Information
- D38 - Detailed Supporting Information
- Z99 - Standard Trailer



- The D38 record provides charge items and supporting detail to support the shipper's validation of the invoice file. This record is currently provided to the shippers in the following way:
  - For Sold Networks:
    - One D38 for NTS Charge types (NCO)
    - One D38 for LDZ Charges (ZCO, ZCA and Admin)
  - For Retained Networks:
    - One D38 for both NTS and LDZ charges (NCO, ZCO, ZCA, and Admin)

## Option 1

This option considers keeping the structure of the file format the same and just adding an Invoice Number field to the D38 record. This would not increase the volume of records on the file or change the hierarchy of the structure.

For Example:-

### For Sold Networks:

- One D38 for NTS Charge types (NCO) including Invoice Number e.g. 111
- One D38 for LDZ Charges (ZCO, ZCA and Admin) including Invoice Number e.g. 222

### For Retained Networks:

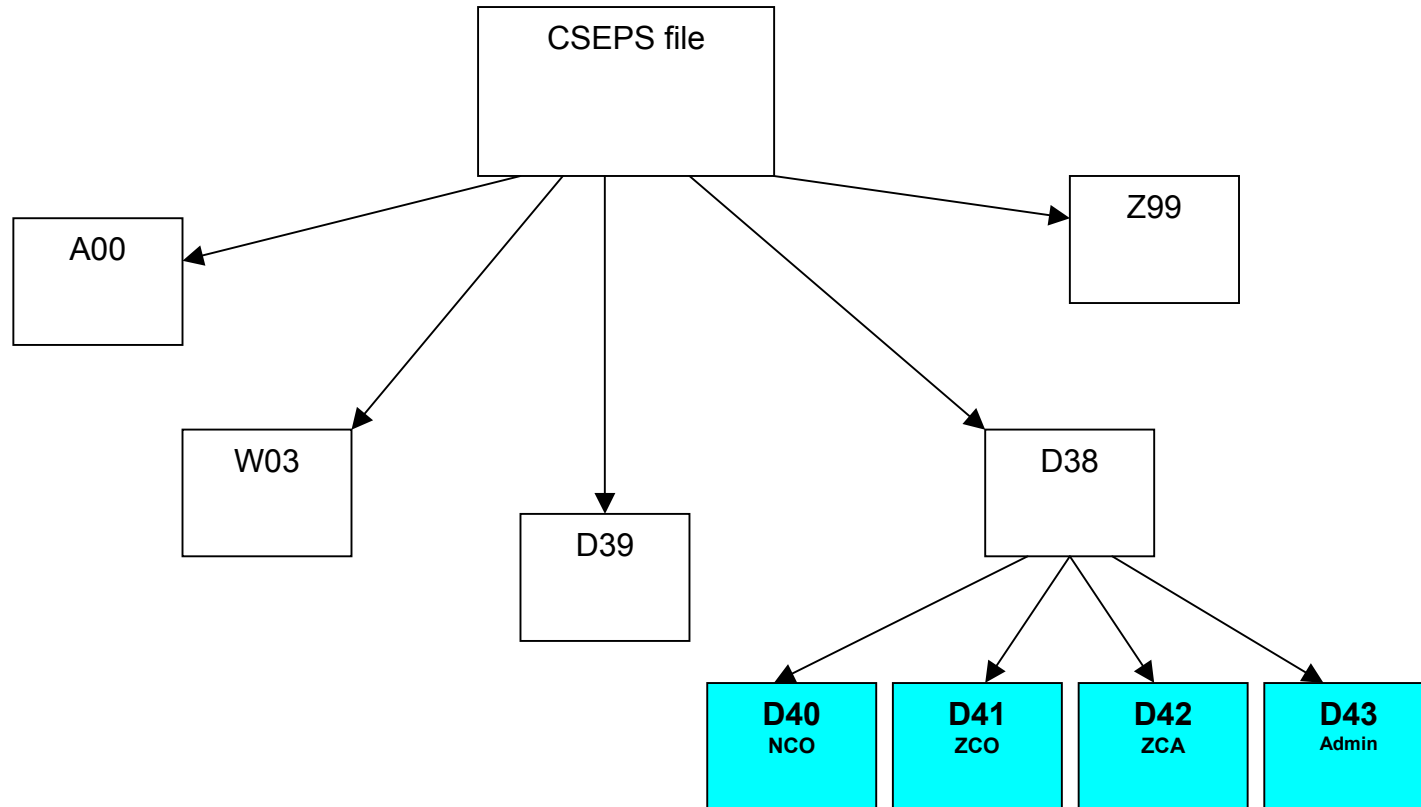
- One D38 for both NTS and LDZ charges (NCO, ZCO, ZCA, and Admin) including Invoice Number e.g. 333

## Option 2

This option considers:

- Retaining the D38 record as is, keeping all fields as mandatory.
- Creating 4 new records (therefore increasing the volume of records provided in the invoice file)
  - D40\* for NCO charges
  - D41\* for ZCO charges
  - D42\* for ZCA charges
  - D43\* for Admin Charges
- Include the invoice number for each charge on the new records.
- Changing the hierarchy of the file as follows:

# ■ Option2 file format hierarchy





The file would now look as follows:

- For Sold Networks:
  - AOO – as is
  - WO3 – as is
  - D39 – as is
  - D38: **NCO=Charge**, ZCO=0, ZCA=0, Admin=0
  - D40: NCO detail
  - D38: NCO=0, **ZCO=Charge, ZCA=Charge, Admin=Charge**
  - D41: ZCO detail
  - D42: ZCA detail
  - D43: Admin detail
  
- For Retained Networks:
  - AOO – as is
  - WO3 – as is
  - D39 – as is
  - D38: **NCO= Charge, ZCO=Charge, ZCA=Charge, Admin=Charge**
  - D40: NCO detail
  - D41: ZCO detail
  - D42: ZCA detail
  - D43: Admin detail

*The structure of the D40-D43 records have been tailored to provide information relevant to the given charge type.*