

These programs read the data files on your system and create export files specially formatted for the Computac Data Warehouse. All files created for the data warehouse are put in the following directory:

**u/dps/mag/export/computac**

## **Initial setup:**

**DPS needs to dial in and set internal flags first.**

### **Agency setup:**

The following Code 321 - Client option needs to be set:

Return Options - Second Screen, 'DROP IPDA RETURNS' must be set to N.

General Category File - using code 314, set up the standard 'general' category numbers.

Title File setup - the field 'General Category' needs to be updated in code 700. This cannot be done until the General Category File is set up using code 314.

Retailer File - there are 3 fields on the More Data screen named Prim Class, Prim Chain, and Prim Region that need to be updated.

Chain Description File - using code 512, set up the Chain numbers and names that you use.

## **Data Warehouse Process:**

1. Run the initial load programs below. Send the initial load files to the Computac server.

2. Weekly: run the following codes and send the output to the Computac server:

Code E240 - Create Data Warehouse Export (invoices & returns)

Code 834 - Create Computac Export Files (affidavits)

Code DMPSTMT - Create Computac Statement File (statements).

3. Weekly: send the add/change/delete update file 'computac.999.dat' file to the Computac server.

## **Initial Load Programs:**

### **Code DMPDLR**

This program reads the Retailer File (Code 500) and several other files in order to create 6 different output files - **NACUST**, **NAADDR**, **NAINVSEQ**, **PSCUSTPC**, **PSCUSTFE**, and **PSCUSTSP**.

### **Code DMPAUTH**

This code will read the Authorized List Description File and create the output file - **AUTHLIST**.

### **Code DMPTTL**

This code reads the Title File (Code 700) and for all authorized list set to yes will write out a record into the output file - **AUTHMAG**.

### **Code DMPCLTRD**

This code will read the Class of Trade Name File (Code 371) and create the output file - **CUSTTYPE**.

**Code DMPCHNDV**

This code will require a new file for chain description (Code 512). In code 512, code validates the chain number keyed to the retailer chain master accounts. This program creates the output file - **CUSTCHN**.

**Code DMPPROD**

This code reads the Product File (Code 340) and creates two export files based on the product number - **PCPROD** and **PCFEE**.

**Code DMPARDSC**

This code reads the A/R Description File (Code AR09) and creates the output file - **CUSTAR**.

**Code DMPCTGY**

This code reads the Category File (Code 310) and creates the output file - **CMGSUBJ**.

**Code DMPCLINT**

This code reads the Client File (Code 321) and creates the output file - **CUSTCOMP**.

**Code DMPND**

This code reads the ND/Publisher File (Code 350) and creates the output file - **CPUBNAM**.

**Code DMPBULK**

This code reads the Bulk File (Code 400) and creates the output file - **BULKMAG**.

**Code DMPRECV**

This code reads the Receive File (Codes 151/153) and creates the output file. - **MAGRECV**

**Code DMPOR**

This code reads the O/R file (Code 200) and creates two output files. One of the formats is a summary total by title, issue and the other file is a detail file. Data is taken from the Retailer, Title, and Bulk Files to create all that is needed. - Files **ORDETL** and **ORSUMM**

**Code DMPAR**

This code will process the Weekly Product Sales file. Data is store in the Weekly Sales file by Week Number. This program is hard coded to read data from 1/01/01 to 12/26/03. Transactions will be written to the PSCUSTAR file using the Friday Date of the Corresponding week number - **PSCUSTAR**

**Code DMPPROF - Create Computac Profile File**

This creates the Customer Base Profile File for the Data Warehouse System. Files **PMMDDYSS**.

## Weekly Processes

### E240 - Create Data Warehouse Export

This code creates an export file from data saved from the invoice run and from EOD. The saved data files are in /u/data/mag/data and are named SAVDWHSE/SAVDWHSE.idx and DWHSETAX/DWHSETAX.idx.

To start saving the data call DPS to make the appropriate changes in Code 321 if this has not already been done.

When Code E240 is run, two export files are created from the SAVDWHSE and DWHSETAX save files and put into the /u/dps/mag/export/computac directory. The data in the saved files is flagged as processed. The export file for the invoice run is named IMMDDYSS. The export file for EOD is named RMMDDYSS. MMDDYY is the date entered in Code E240. After these files have been exported successfully, use the 'rm' command to delete them from the /u/data/mag/export/computac directory.

If a file needs to be reprocessed, F1 back to Reprocess File for This Data (Y/N) and key Y. At Date, enter the date used when the file was originally processed.

E240 - CREATE DATA WAREHOUSE EXPORT

REPROCESS FILE FOR THIS DATE? (Y/N): N

DATE :

### Code 834 - Create Computac Export File

This creates an export file of the affidavit returns for the affidavit date you enter. These returns have to have been transmitted via code 149 - IPDA EMS. These returns are kept on file for 60 days. You have up to 60 days to create this export file before the returns are dropped from the system. No one should be running Code 149 to transmit returns while this code is running. It uses the 180/181 records to create this information. This code creates the file named AMMDDYSS.

### Code DMPSTMT - Create Computac Statement Files

This code will automatically run during Code A999 - Accept ARUN. It creates the A/R statement file information. This code creates the file named SMMDDYSS.

### Computac Update File (Adds / Changes / Deletes )

The following list of programs log changes to an export file called 'COMPUTAC.999.DAT' (999 = the 3 digit client number). This file is sent to Computac on a weekly basis in order to keep the Computac Data Warehouse up to date with any adds, changes, or deletions.

Each change is logged in the export file as an individual record. Each record includes a numerical field, which indicates the type of change, and therefore the fields that are expected in the record.

- Code 321 (Client File) to log changes to the name and address fields of the agency.
- Code AR09 (A/R Description) to log all changes
- Code 371 (Class of Trade) to log changes
- Code 512 (New Chain/Division file) to log changes
- Code 310 (Category) to log changes
- Code 350 (ND, Publisher) to log changes
- Code 340 (Product) to log changes
- Code 500 (Retailer) and 501 (Mass Update Retailer) to log changes
- Code AR14 (Product sales) and AX55 (Post Product Sales) to log changes
- Code 151 - Key Enter Receiving to log changes. Code 151 writes a Table 47 record when the any one of the following fields is changed in the receive file: Issue Number, Issue Year, Receive Date, Receive

Quantity, New Retail, New Cost, Bundle Copies, Carrier, Waybill. Code 151 also writes out a Table 48 record any time a new issue is added to the Bulk file.

- Code 153 (Receive files) to log changes. Code 153 writes a record when the any one of the following fields is changed in the receive file: Issue Number, Issue Year, Receive Date, Receive Quantity, New Retail, New Cost, Bundle Copies, Carrier, Waybill.
- Code 400 (Bulk) and 401 (Mass Update Bulk) to log changes
- Code 750 (Authorized List) to log changes
- Code 700 (Title) to log changes

### **E241 - Purge Data Warehouse Data**

This code drops processed invoice run and EOD data from the saved files in /u/data/mag/data. Any processed records with a date equal to or less than the process date entered in Code E241 will be dropped. The number of records purged will display.

E241 - PURGE DATA WAREHOUSE DATA

DATE: \_\_/\_\_/\_\_

### **Code 512 - Add/Update Chain**

This program builds a table with chain number and chain name or description. This table is read when code DMPCHNDV is run, and essentially re-written word for word, into a file named CUSTCHN. Press F4 at the Chain Number prompt for a listing of possible entries for the table. The F4 look up displays from the Code 500 retailer file, not from the Code 512 table. Print out the 512 table, or use a query report (query: CHAIN DIV FILE) to view the table entries. To print the 512 table, Press F1 at the Chain Number Prompt, this will display the printers selection prompt.