

**Weekly Board Extract Process for  
Diamond 725/MACSYS Affiliation File**  
[JAFFILM0.DAT]

There are some County Board/Consortium which are using the **AFFIL** Diamond 715 keyword to record Subscriber specific information. We have been asked to provide weekly extracts of this file for a set of requesting Boards. This documentation describes the extract and SAS process being used to create these tilde delimited ASCII extract files related to the Affiliation File (JAFFILM0.DAT).

Note: There are specific Policy limitations on what kind of subscriber/member information may be captured in the on-line Diamond 725 system. If you wish to begin using this file, be sure to clear the nature of your records with the MACSYS Management Team (MOM): please be sure to contact MACSYS Support Desk ([macsisupport@mh.state.oh.us](mailto:macsisupport@mh.state.oh.us)).

These affiliation requests extracts will only be constructed upon request. Boards are required to mark any and all records they wish to be included in such extracts with their assigned security code. The affiliation file is sub-divided into Board/Consortium subsets based on the security value of the records in the affiliation file itself.

**The Affiliation File: JAFFILM0.DAT**

There are 11 variables in the Affiliation File, including

SAS Name	Description	Diamond Name	Length	Form
SUBNO	Subscriber Number	INSUBNO\$	12	
INPERNO	Person Number	INPERSNO	02	
AFFCODE	Affiliation Code	INAFFILCD\$	05	
EFFDATE	Effective Date	INEFFDT\$	08	YYYYMMDD
TERMDATE	Termination Date	INTERMDT\$	08	YYYYMMDD
AFFILNO	Affiliation Number	INAFFILNO\$	10	
COMMENT 1	Comment 1	INCOMMENT1	60	
COMMENT2	Comment 2	INCOMMENT2	60	
INSCODE	Security Field	SECUR\$	01	
CDTSTMP	Create Date Time Stamp	CREAT\$	15	YYYYMMDDHHMMWHO
UDTSTMP	Update Date Time Stamp	UPDAT\$	15	YYYYMMDDHHMMWHO

The time stamp variables (CDTSTMP and UDTSTMP) both have a 15 byte nature: the first eight are the date (in YYMMDD) that file was first created and last updated respectively. HHMM is the hour and tenth of an hour of the creation or update; WHO are the three letter user identifier.

All records are extracted from the JAFFILM0.DAT file in the Diamond 725 MACSYS Production database using an AFFIL FCONF-Template and subsequently processed through a SAS program to divide the records into Board/Consortium subsets and then construct tilde-delimited ASCII data files (one per Board/Consortium). The data are extracted on a weekend schedule, generally happening Friday evening or Saturday daytime.

**Weekly Extract File**

The all records file is sub-divided into Board/Consortium subsets on the basis of the values found in the INSCODE (Security Field). Keep in mind that individual Weekly extracts files are constructed only for Boards which specifically have requested this effort.

The file name convention **affil.DDMONYY.encrypted.XXX.zip** represents a pass phrase protected zipped tilde delimited file with AES256 encryption. Within the file name, please understand the following encoding

affil	Affiliation extract
dd	Day of the extract
mon	Month
yy	Year
encrypted	Indication that it's an AES256 Encrypted File

xxx Board/Consortium Number and Type  
zip Indication that it's a zipped file

These .zip files are placed in the respective Board/Consortium "extracts" sub-directory on the mhub server (full name is [mhub.odn.state.oh.us](http://mhub.odn.state.oh.us) - this is the MACSIS FTP server). Boards should FTP these data files down to their local LAN or PC. Note: .zip files MUST BE FTP'ed in BINARY MODE!

These extracts are scheduled for construction every weekend – probably appearing on the mhub server sometime between Friday and Sunday midnight, more than likely by Saturday afternoon. Boards are strongly encouraged to leave no more than the most recent extract on the server. Good housekeeping practices call for all old extracts to be removed from the central server; MACSIS Technical support folks are licensed to delete any file over 30 days old on the server (without notice or backup).

### The Tilde Delimited ASCII File

The .zip file contains a tilde delimited ASCII file of a Board/Consortium's data: all those records in the Affiliation file of MACSIS Production which contain the appropriate security code. Line one of this file contains the variables names: it looks like this:

```
SUBNO~INPERNO~AFFCODE~EFFDATE~TERMDATE~AFFNUMB~COMMENT1~COMMENT2~  
INSCODE~INCSTMP~INUSTMP
```

Where

SUBNO	is Subscriber Number
INPERNO	is Person Number
AFFCODE	is Affiliation Code
EFFDATE	is Effective Date
TERMDATE	is Termination Date
AFFNUMB	is Affiliation Number
COMMENT 1	is Comment 1
COMMENT2	is Comment 2
INSCODE	is Security Field
INCSTMP	is Creation Time Stamp
INUSTMP	is Update Time Stamp

A "typical data line might look like this:

```
9009769~00~TANF~19990701~~9009769~~~C~199912271348KAG~200003281107SLL
```

One should note that especially the Update Time Stamp field in Diamond can be misleading at times. The actual field in this field has not been tested (by this author), we have seen other updated stamp variables in other files that are "updated" when the record is only looked-at and not changed. So the update stamp in general in Diamond should be treated with a certain degree of mis-trust.

### Comments/Notes/Erratum

1. It is important to remember that ONLY the BINARY MODE of FTP should be used to FTP a .zip file from a unix server to a PC. You cannot use ASCII mode in such an operation. This is the single most often forgotten or missed aspect of the MACSIS Weekly Board Extract process.
2. Remember Affiliation related extracts are ONLY produced for Boards/Consortium specifically requesting this service.