Batch Updating of AFS using IBM Host On-Demand

Preliminary steps:

Before you get too far, make sure you know the path to batch file you will be uploading, and the exact name.

If you have never used your Mainframe ID to submit jobs, make sure that the Job Control Language (JCL) default values are all filled in properly.

If you have never loaded Host On-Demand:

Secure connection to the EPA starts at a "Secure Socket Layer" (SSL) site:
https://trex.rtpnc.epa.gov

The first time you ever use this method of access pick the Web Access Tab on the Enterprise Server page.
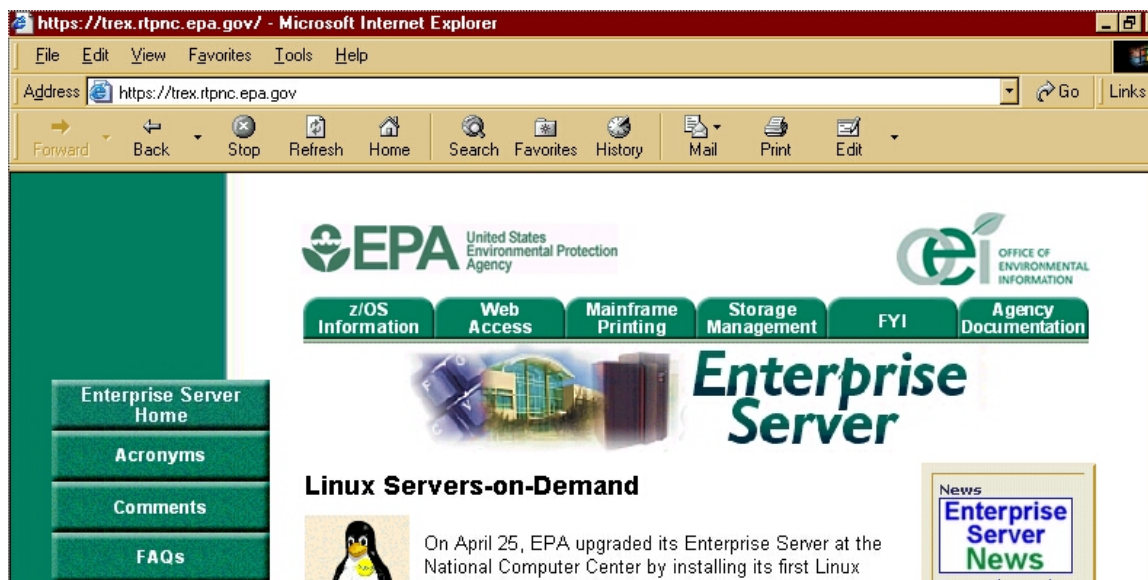
A logon window will also appear (since after all, this is a secure site!).

You will then be shown a page much like the Enterprise Server page but with five links displayed, two of which we will be using (for clarity, they are displayed in red here, but are not red on the web page):

3270 emulator/HOD V8.0.2
3270 emulator/HOD V6.0.2
Job Viewing and Printing
Enterprise Server Job Submitter
Firewall Implementation Status

(If you were previously using HOD 6, you need to remove it from your PC before loading version 8).

When you select the version 8 link, you will get a page with the following text:

IBM SecureWay Host On-Demand Version 8.0.2

Last Updated: 5/14/2004

Click on Host On-Demand 8.0.2 to connect to Secure SSL sessions.
Click on Remove Host On-Demand 8.0.2 Cached Client to return to using Host On-Demand 6.2.
Click on Host On-Demand 8.0.2 Main Page to connect to the main product entry URL.
If you are having problems with Host On-Demand V8.0.2, first remove the Host On-Demand 8.0.2 Cached Client and then Click on Secure Debug Clients for access to secure (SSL) Host On-Demand Debug 8.0.2 clients.


Pick the first link (Host On-Demand 8.0.2) to get to the session screen (see example below).

If you have already loaded Host On-Demand:
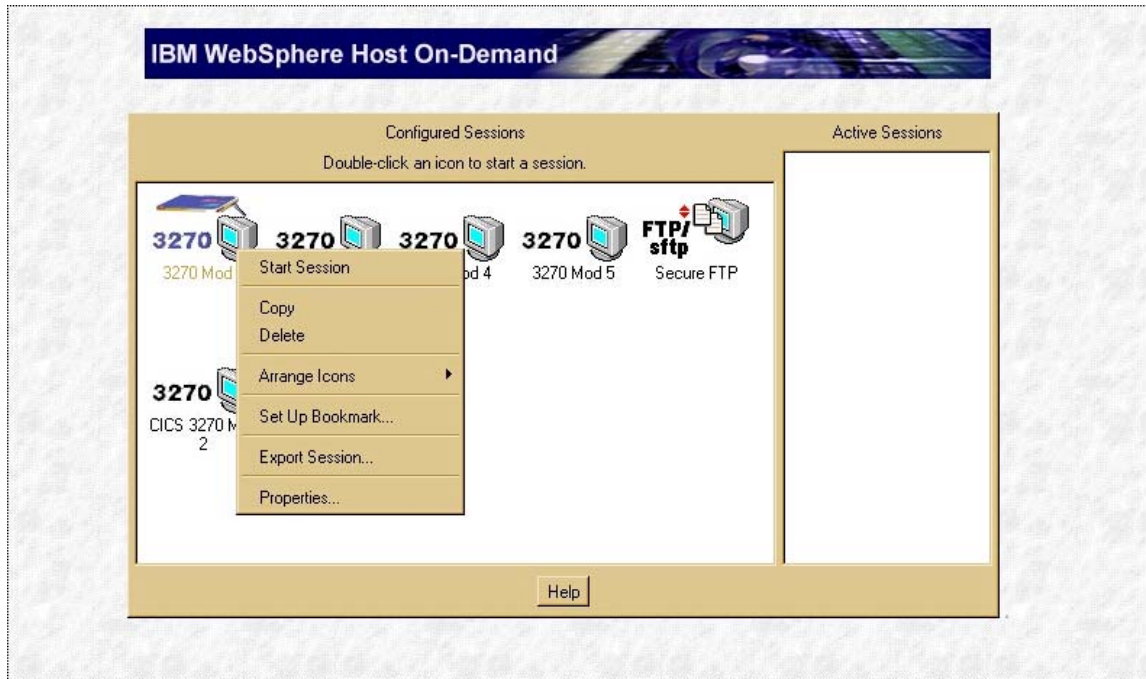
The first time you get here, you should set a "bookmark" in your browser. Then using that bookmark to return here will save all those steps getting here next time.

To set a bookmark using the Internet Explorer, pull down the "Favorites menu, and select "Add to Favorites".
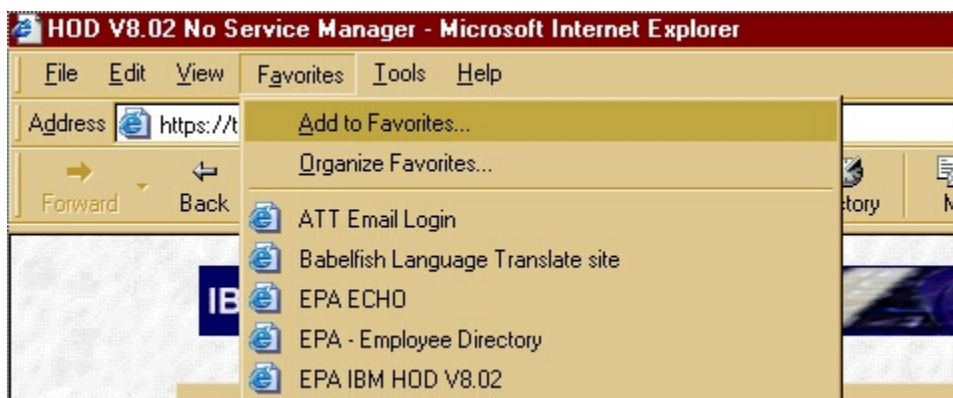
That will give you an "Add Favorite" window with a default name which you can change if you wish, then press OK. From then on, to return to this screen, pull down the favorites menu and select that item. A login window will appear for you to enter your three character user ID and password, and then the browser will head straight for this session screen and you don't need to go through all those introductory screens.

Transferring Files Using Host On-Demand

Notice on the session screen example that a small menu is also shown. That menu was activated by a right mouse-click on the "3270 Mod 2" icon (the first one on the left).

Selecting "Start Session" from that pop-up menu launches a new browser window and connects you to an EPA Mainframe welcome screen like the one below.

```
NETMAIN              U.S. Environmental Protection Agency    Date:      07/07/04
                                                             Time:      20:51:07
Please enter selection or command and then press ENTER.      Terminal: TCP00871
                                                             Logmode:  QMSDLCQ

     1. INFORMATION   News Alerts and User Memos
     2. SYSTEM MENU   System Selection Menu
     3. Reserved      Reserved for future use
     4. APPLICATIONS  EPA Applications Menu



 WARNING NOTICE! This is a United States Environmental Protection Agency (EPA)
  computer system, which may be accessed and used for authorized use only.
  Unauthorized access or use of this computer system may subject violators to
  criminal, civil, and/or administrative action.  All information on this
  computer system may be monitored, recorded, read, copied, and disclosed by
  and to authorized personnel for official purposes, including law enforcement.
  Access or use of this computer system by any person, whether authorized or
  unauthorized, constitutes consent to these terms.

 Command ===>
  Optional Quick Logon - USERID   ===>
                         PASSWORD ===>
 F1/F13=Help   F5/F17=Refresh                   F12/F24=Cancel
```

We recommend that in the session browser that contains the welcome screen, you set some viewer options. These will make it easier to operate some of the functions you need, and can help refresh the screen when "freezes" occur. To set these options, pull down the "View" menu and make sure that "Toolbar", "Toolbar Text", and "Keypad" are checked.

Click on any that are not checked to activate them. Here are some examples of what these options do:
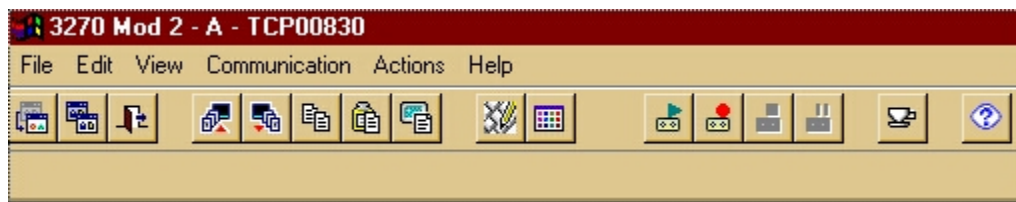
"Toolbar" provides icons to select for downloading.
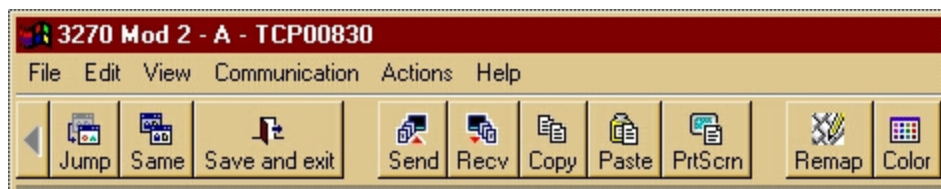
"Toolbar Text" gives you better clues as to what those icons do.

"Keypad" provides access to the mainframe PF keys, helpful when things lock up. Your PC Function ("F") keys will also work for some mainframe scenarios (F3 to exit or go back, etc.)

The next step is to log into TSO to get that data file onto the Mainframe for submission to AFS.

Log into TSO from the EPA welcome screen by putting your user ID and password in at the bottom.

When you are successfully in TSO, you see a black screen with a "ready" prompt.

When transferring files, YOU MUST BE IN NATIVE TSO (at the ready prompt). Running the Send or Receive functions from inside ISPF will result in error messages.

Now, push that "Send" icon.

A "Send Files to Host" window comes up. Enter the file name as the top (PC-file) line.

Push the Browse button and navigate to the drive and folder you want it taken from.

For the second line, enter the name as you wish it to be called on the Mainframe (Host-File Name). Don't include your ID and account or it won't find it and it will complain.

The mainframe has strict file naming conventions:
A name can be a number of parameters separated by a period. Each parameter can be no more than 8 characters, and must begin with an alpha character. It may not begin with a number.
        Example: QYIAIRS.UPLOAD.FILE.JULY2004

When you have provided file names, the "Add to List" and "Update in List" buttons become available. Press the "Add to List" button.
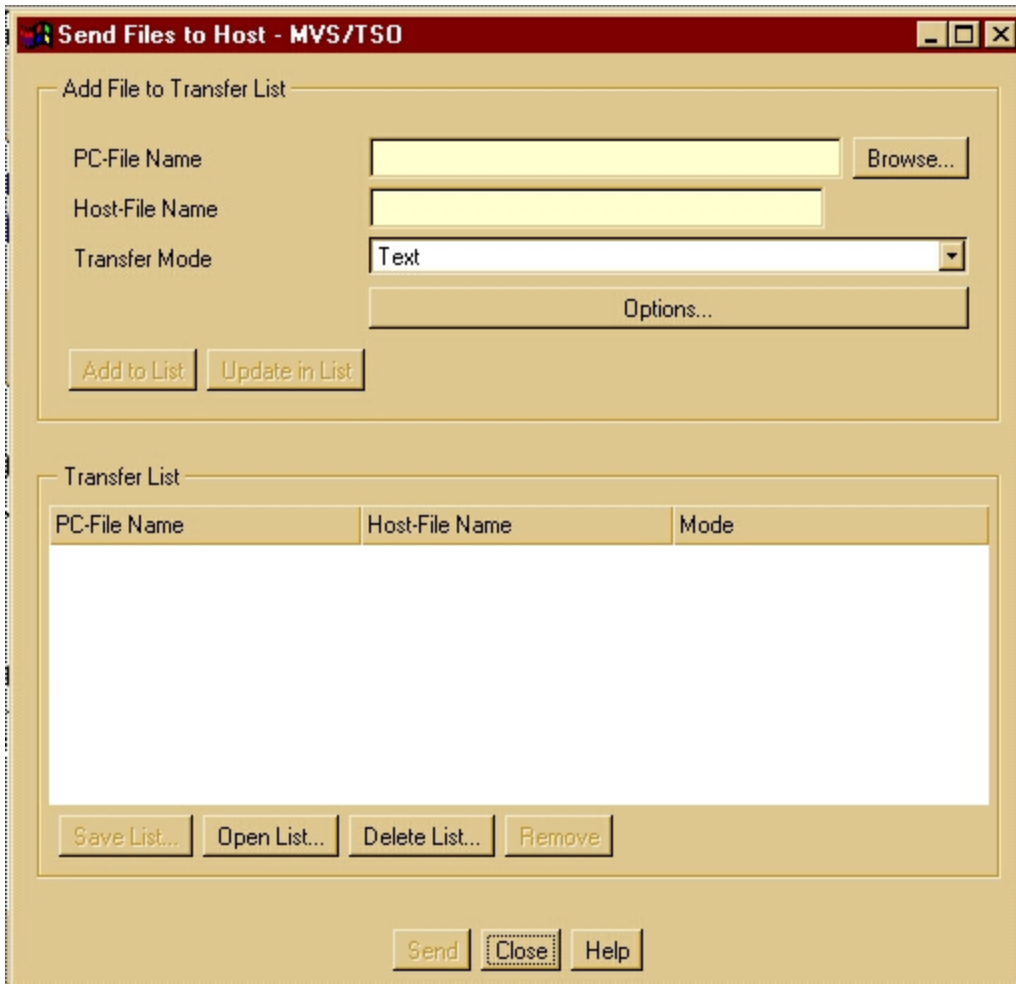
Make sure you change the transfer mode to TEXT or the data will not be readable.

Press the "Send" button at the bottom of the transfer window and wait.

You may notice some commands being written to the native TSO screen in the background (green text in example below). That means it is working.

When it is done, the small transfer window disappears and focus comes back to the Send window. Close the Send window, and logoff from TSO.

Note that there is a "Receive" button on the Host On-Demand toolbar too. The process to take data down from AFS is nearly the same as to send it up. The order of the host and target files on the Receive screen are reversed, but everything else will look familiar. So you can use this technique to share files with other persons or agencies as long as they have read access rights to your mainframe files.

Before we move on to how Host On-Demand fits into AFS submissions, let's look over the process:

AFS Batch Data Flow

Uploaded Transaction File → Compare Process → Before & After Report

Compare Process → Change & Add Transactions → Update Process → Update Report

Update Process → Accepted Transactions / Rejected Transactions / AIRS / AFS
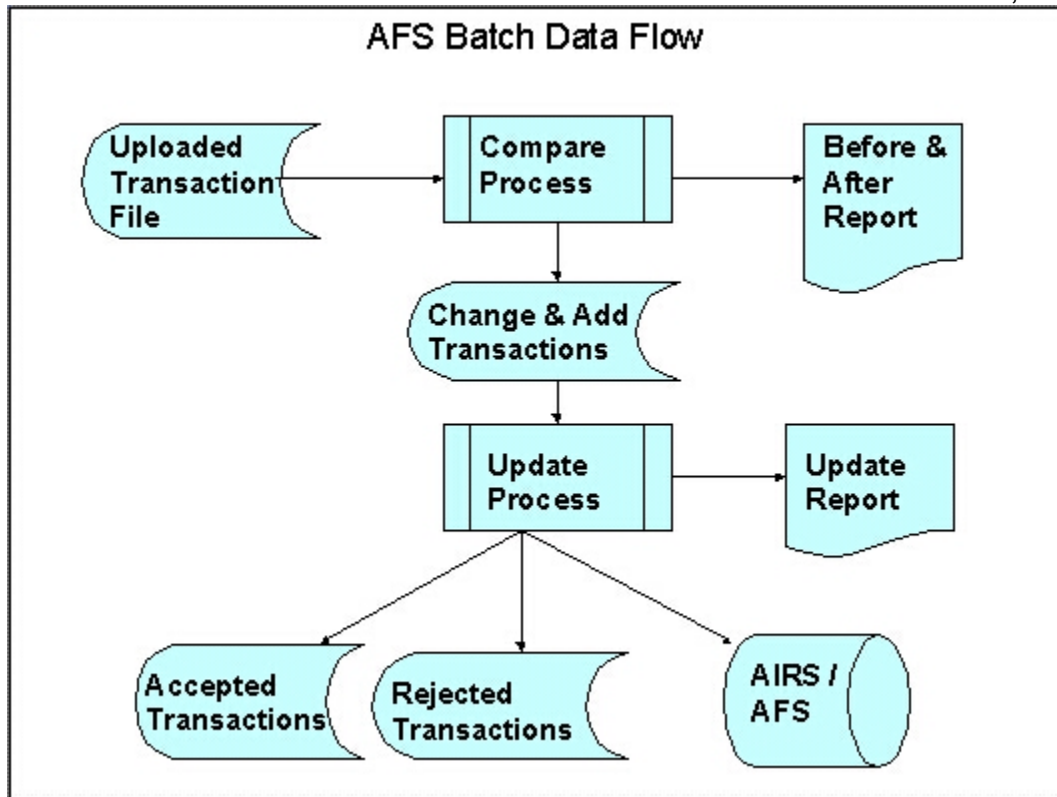
Notice that when you use the compare process, the transaction file that you upload is not the one that will be submitted into the AFS update process. In fact, a properly built compare input file will not pass muster in the update process, because it does not have any update codes.

Both compare and update processes provide you with reports. The compare report should be reviewed before you submit the newly created file into the update process as part of your "QA/QC" steps.

The Accepted and Rejected transaction files shown above are optional output from the update process, and can be quite useful for fast turnaround of corrections you may encounter.

While it is always recommended that data issues be addressed in your agency system so that you don't have recurring errors each time you submit your information, it is recognized that at times, a more expedient method of finishing a submittal is needed. The purpose of the "reject" file is to allow you access to a file containing only those records that did not make it into AFS.

Using Host On-Demand To Submit Your Uploaded File through Compare

Now that the file is on the mainframe, we need to log into AIRS. On the command line of the EPA welcome screen, we enter AIRS, put our ID on the USERID line, and type our password into the Password line.

```
NETMAIN              U.S. Environmental Protection Agency    Date:      07/07/04
                                                             Time:      20:51:07
Please enter selection or command and then press ENTER.      Terminal: TCP00871
                                                             Logmode:  QMSDLCQ
     1. INFORMATION   News Alerts and User Memos
     2. SYSTEM MENU   System Selection Menu
     3. Reserved      Reserved for future use
     4. APPLICATIONS  EPA Applications Menu


 WARNING NOTICE! This is a United States Environmental Protection Agency (EPA)
  computer system, which may be accessed and used for authorized use only.
  Unauthorized access or use of this computer system may subject violators to
  criminal, civil, and/or administrative action.  All information on this
  computer system may be monitored, recorded, read, copied, and disclosed by
  and to authorized personnel for official purposes, including law enforcement.
  Access or use of this computer system by any person, whether authorized or
  unauthorized, constitutes consent to these terms.

 Command ===> AIRS
  Optional Quick Logon - USERID   ===> QYI
                         PASSWORD ===> XXXXXXXX
 F1/F13=Help   F5/F17=Refresh                   F12/F24=Cancel
```

That brings up the AIRS selection Menu. Pick item 2 and press <Enter>.

```
07/07/04           Aerometric Information Retrieval System        AAP000
                              Main Menu



                   1.  AQS is no longer available

                   2.  Facility (AFS)

                   3.  AMS is no longer available

                   4.  Geographic/Common (GCS)

                   5.  AIRS Graphics (AG)



                Please Enter Selection:  2



        PF3=end                              PF5=terminate
```

That gets you to the welcome screen of AFS. Press <Enter> to see the main menu:

```
DATE  :  07/07/04            AIRS FACILITY SUBSYSTEM              PGM:  AFP000
                                   MAIN MENU                      MAP:  AFM0001
 ==============================================================================



                      1    UPDATE THE DATABASE
                      2    BROWSE THE DATABASE
                      3    SELECT A REPORT
                      4    SELECT A UTILITY


                      ENTER MENU SELECTION:   1_




          NEED ASSISTANCE? CALL THE AFS HELPLINE AT 1-800-367-1044



   PF1=HELP   PF3=END   PF4=SUBSYSTEM MENU   PF5=TERM
```

Pick 1, "Update The Database" to get to the Update screen:

```
DATE  :  07/07/04            AIRS FACILITY SUBSYSTEM              PGM:  AFP000
                                   UPDATE MENU                    MAP:  AFM00011
 ==============================================================================




                          1    ONLINE
                          2    BATCH



                      ENTER MENU SELECTION:   2_




   PF1=HELP   PF3=END   PF4=MAIN   PF5=TERM
```

From there, pick "Batch" to see the various options available. Many States submit their data through the Compare processor first, to narrow down their transaction file to new and changed data only:

```
DATE  :  07/07/04            AIRS FACILITY SUBSYSTEM          PGM:  AFP012
                              BATCH UPDATE MENU               MAP:  AFM0121
 ===========================================================================




                        1    COMPARE
                        2    EDIT
                     *  3    CORRECT
                        4    UPDATE
                        5    NOTIFY


                   ENTER MENU SELECTION:   1_




              * - DENOTES THIS OPTION IS CURRENTLY NOT AVAILABLE

    PF1=HELP   PF3=END   PF4=MAIN   PF5=TERM
```

On the first Compare Submittal screen, you enter two file names. The first is the name of the file you just uploaded. The second is the name you want to assign to the file that the compare process will create. The transaction format and report options defaults should be left as you see them below. The options below those four entries should be left blank.

```
DATE  :  07/07/04            AIRS FACILITY SUBSYSTEM          PGM:  AFP480
SCREEN:  U4801                 COMPARE SUBMITTAL              MAP:  AFM4801
 ===========================================================================
 INPUT FILE NAME:     QYIA026.UPLOAD.UPDATE.FILE_____

 TRANSACTION FORMAT: 1   (1 = AFS, 2 = AFX)

 OUTPUT FILE NAME:    QYIA026_ . COMPARE_ . OUTPUT__ . _____ . _____

 REPORT OPTION(S):
    X   GENERATE BEFORE-AFTER COMPARISON REPORT

 OPTIONS APPLICABLE TO EMISSIONS TRANSACTIONS:
   YEAR OF RECORD: __   (REQ IF COLS 14/15-AFS, 25/26-AFX ARE BLANK ON EMIS
                     TRANS. IF VALUED, OVERRIDES COLS 14/15-AFS, 25/26-AFX.)

    *IF YOU HAVE CHANGED THE YEAR OF EMISSION INVENTORY, PLEASE INDICATE
     DATA TO BE COPIED OVER TO THIS NEW YEAR FROM THE PREVIOUS YEAR:
        _ ALL EMISSIONS DATA, INCLUDING SIP DATA
        _ ONLY ANNUAL EMISSIONS DATA (OMIT SIP DATA)
        _ NO EMISSIONS DATA

  PF1=HELP   PF3=END   PF4=MAIN   PF5=TERM                        MORE
```

A note on mainframe file naming conventions in the Compare screen:
Include your ID and account as the first identifier.

Press <Enter> to get to the JCL screen (below).

```
 DATE  :  07/07/04          AIRS FACILITY SUBSYSTEM          PGM:  AFP480
 SCREEN:  U4802                COMPARE SUBMITTAL             MAP:  AFM4802

 ==============================================================================
                                                            PAGE: 2

  PLEASE MAKE ANY NECESSARY JCL MODIFICATION  :          DEFAULT

                ACCOUNT CODE      :  A026              A026
                FIMAS ID          :  AFSCP             AFSCP
                TIME ( MMMM SS )  :  4___  59          4      59
                PRIORITY CODE     :  2                 2
                MSGCLASS          :  A                 A
                NUMBER OF COPIES  :  1_                1
                FORM NUMBER       :  ____
                ROOM/BIN NUMBER   :  MQYI              MFCH
                HOLD OUTPUT? (Y/N):  Y                 Y
                PRINTER SITE ID   :  R255_____ R255


                        PRESS ENTER TO SUBMIT JOB


   PF1=HELP  PF3=END  PF4=MAIN  PF5=TERM  PF6=PGUP
```

When you press <Enter> again, the compare job will be submitted. Compare is quite efficient, and under most circumstances will run in under 5 minutes of CPU time.

```
DATE  :  07/07/04             AIRS FACILITY SUBSYSTEM              PGM:  AFP480
 SCREEN:  U4802                  COMPARE SUBMITTAL                 MAP:  AFM4802
 ==============================================================================
                                                             PAGE: 2

 PLEASE MAKE ANY NECESSARY JCL MODIFICATION   :           DEFAULT

               ACCOUNT CODE       :   A026                 A026
               FIMAS ID           :   AFSCP                AFSCP
          T  _____  9
          P |                                                |
          M |     THE JOB FCH480   HAS BEEN SUBMITTED.       |
          N |                                                |
          F |       JOB NUMBER:   JOB29150                   |
          R |       JOB STATUS:   0000                       |
          H |                                                |
          P |              PRESS ENTER TO CONTINUE.          |
            |_____|

                      PRESS ENTER TO SUBMIT JOB


    PF1=HELP   PF3=END   PF4=MAIN   PF5=TERM   PF6=PGUP
```

Viewing your Compare Report through Host On-Demand

You cannot view the results of a compare submission from within AFS. The easiest way to do it, is back on the Enterprise Server where you originally hooked up with Host On Demand:

Click on the "Mainframe Printing" tab and another login box will appear. Log in with your mainframe ID and password again to access the Job Viewing and Print Utility Screen. This is another good candidate to "Bookmark".

EPA United States
Environmental Protection Agency

The Enterprise Server Job Viewing and Print Utility

What's New

FAQ

Information

Checkout our FAQ for new features

Get Acrobat.

Enter Jobname or Jobname prefix==> QYI*

and select the number of jobs to display

1000 ▾

and

SUBMIT REQUEST

This screen will automatically fill in your ID as the job prefix. Press the Submit Request button to see what jobs you have in the queue:

DISPLAY CREATED WITH - PREFIX: QYI*

		JOBNAME	JOB-ID	PRT-DEST	QUEUE	C	JP	POS	STATUS	ASYS	PROGRAMMER-NAME
B	A	QYI	TSU11697	LOCAL	EXECUTION			2		EPA2	ARBOUR.RICHARD
B	A	QYIAF654	JOB11690	R255	PRINT	H	1		16T		AFP654
B	A	QYI480	JOB11812	R255	PRINT	H	1		16T		AFP480

3 Job(s) Displayed.

CLICK A JOB FROM THE LIST TO VIEW IT.

If you select the boxed "B" to the left of the job you wish to view, you get a breakdown of that job by steps. Doing that lets you see the report without having to scroll past the JCL and other job status steps. On that screen, click on the last item displayed to see the report. Clicking the box converts the report into an Adobe PDF file. Clicking the text displays the results in a text format.

If you select the PDF conversion, you get to pick what paper size the document would be printed on. There are a number of other sizes besides what is shown here:

Once you have selected a size, you will be able to view the report and save it where you wish. The following page is an example of what that report looks like.

```
DATE : 06July   2004              EPA AEROMETRIC INFORMATION RETRIEVAL SYSTEM (AIRS)                PAGE : 2
TIME : 08:50:03.8                                 FACILITY SUBSYSTEM
                                          AFS BEFORE - AFTER COMPARISON REPORT
                                        TRANSACTION ENTERED ON 07/06/04 AT 08:49:26.6
```

```
* NOTE * UPDATE EDITS HAVE NOT YET BEEN APPLIED.  THE FORMAT FOR REPORT SEQUENCE WILL BE AS FOLLOWS :

THE FIRST CARD LISTED WILL DISPLAY A BEFORE PICTURE OF THE DATABASE VALUES.
THE SECOND CARD LISTED WILL DISPLAY A VIEW OF THE PROPOSED CHANGES TO THE DATABASE VALUES.

 ST    CNTY   PLNT   TRANS-TYPE   SEQU-NO               CARD COLUMNS :                                UPDATE-CODE UPDATE
 0             1                            2         3         4         5         6         7              8     NOTE
 12    345   67890     12          3    45678901234567890123456789012345678901234567890123456789            0
-------------------------------------------------------------------------------------------------------------------------

 25    013   CFC11     10          2     31 PONDS SIDE RD                                                    A     ADD

 25    013   CFC11     10          4    1                                                                    A     ADD

 25    013   CFC11     12          1    4O                                                                   A     ADD

 25    013   CFC11     13          1    4CFC      8B A                                                        A     ADD

 25    013   CFC11     16          1    7014     FEI                02111301      EAM  CFC        N           A     ADD

 25    013   CFC11     16          4    701CAA CFC INSPECTION                                                 A     ADD

 25    013   CFC13     10          2     195 ROCUS ST                                                        A     ADD

 25    013   CFC13     10          4    1                                                                    A     ADD

 25    013   CFC13     12          1    4O                                                                   A     ADD

 25    013   CFC13     13          1    4CFC      8B A                                                        A     ADD

 25    013   CFC13     16          1    7014     FEI                02111301      EAM  CFC        N           A     ADD

 25    013   CFC13     16          4    701CAA CFC INSPECTION                                                 A     ADD

 25    013   CFC13     16          1    7024     53F                03050101      EAM             N           A     ADD

 25    013   CFC13     16          4    702INFORMATION REQUEST ISSUE                                          A     ADD

 25    013   CFC29     10          2     184 E.MEADOW ST                                                     A     ADD

 25    013   CFC29     10          4    1                                                                    A     ADD

 25    013   CFC29     12          1    4O                                                                   A     ADD

 25    013   CFC29     13          1    4FACIL    8B A                                                        A     ADD

 25    013   CFC29     16          1    7014     FEI                03050801      ERR             N           A     ADD

 25    013   CFC29     16          4    701CFC INSPT OEME RECON PRJT                                          A     ADD
```

You should review the compare report thoroughly, and question any information you are not certain about before submitting the results of the compare process for AFS update. A refresher – To get to the screen shown below, from the AFS Main Menu → 1 Update The Database → 2 Batch:

```
DATE  :  07/07/04              AIRS FACILITY SUBSYSTEM           PGM:  AFP012
                               BATCH UPDATE MENU                 MAP:  AFM0121
 ==============================================================================




                            1    COMPARE
                            2    EDIT
                       *    3    CORRECT
                            4    UPDATE
                            5    NOTIFY


                     ENTER MENU SELECTION:   4_




              * - DENOTES THIS OPTION IS CURRENTLY NOT AVAILABLE

    PF1=HELP   PF3=END   PF4=MAIN   PF5=TERM
```

Selecting # 4 brings you to the first Update screen:

```
DATE: 07/07/04                 AIRS FACILITY SUBSYSTEM           PGM: AFP406
SCREEN: 406                      UPDATE SUBMITTAL                 MAP: AFM0406
 ==============================================================================
       INPUT FILE NAME:  QYIA026.COMPARE.OUTPUT_____

       WAS THIS INPUT FILE CREATED FROM THE ONLINE UTILITIES: N

       SUBMIT INPUT FILE FOR CENTRAL UPDATE: N

       INPUT FILE TYPE: 1  (1 = PUBLIC, 2 = PRIVATE)

       TRANSACTION FORMAT: 1  (1 =  AFS, 2 = AFX)


       OUTPUT FILE PREFERENCE: (ACCEPT FILE IS OPTIONAL)

       ACCEPT FILE NAME:    FCHA026 . ACCEPT__ . JULY0604 . _____ . _____
                 AND
       REJECT FILE NAME:    FCHA026 . REJECT__ . JULY0604 . _____ . _____


    PF1=HELP   PF3=END   PF4=MAIN   PF5=TERM                        MORE!
```

Remember! The file that was created by the compare process is used as your input file in the update screen. While the accept and reject files are optional, we recommend you use them. They can be invaluable.

The next screen you will see should be left completely alone. It refers to emission processing no longer relevant to AFS. Press <Enter> to continue.

```
DATE: 07/07/04              AIRS FACILITY SUBSYSTEM           PGM: AFP420
 SCREEN: 420                   UPDATE SUBMITTAL                MAP: AFM0420
 ============================================================================


            YEAR OF RECORD: __   (REQ IF COLS 14/15-AFS, 25/26-AFX ARE
                                   BLANK ON EMIS TRANS.  IF VALUED, OVERRIDES
                                   COLS 14/15-AFS, 25/26-AFX.)


            *  IF YOU HAVE CHANGED THE YEAR OF EMISSION INVENTORY,
               PLEASE INDICATE DATA TO BE COPIED OVER TO THIS NEW YEAR
               FROM THE PREVIOUS YEAR:

               _ ALL EMISSIONS DATA, INCLUDING SIP DATA

               _ ONLY ANNUAL EMISSIONS DATA (OMIT SIP DATA)

               _ NO EMISSIONS DATA


   PF1=HELP  PF3=END  PF4=MAIN  PF5=TERM  PF6=PREV              MORE!
```

The third update screen contains the mainframe JCL parameters. Updates can take some time, so you may wish to err on the side of caution and enter a high value for time allowance. Your account will be charged only for time used:

```
DATE  : 07/07/04             AIRS FACILITY SUBSYSTEM           PGM: AFP430
 SCREEN: 430                    BATCH SUBMITTAL                 MAP: AFM0430
 ============================================================================

 PLEASE MAKE ANY NECESSARY JCL MODIFICATION  :


                                    ALTERNATE USER ID : ___
  JOB NAME          : QYI UPDT_               _____
  ACCOUNT CODE      : A026                 _____
  FIMAS ID          : AFSCP                _____
  TIME ( MMMM SS )  : ___4 59              _____ 00
  PRIORITY CODE     : 2                    _
  MSGCLASS          : A                    _
  NUMBER OF COPIES  : 1_                   __
  FORM NUMBER       : _____                ____
  ROOM/BIN NUMBER   : MQYI                 ____
  HOLD OUTPUT? (Y/N): Y                    _
  PRINTER SITE ID   : R255_____    _____


                    PRESS ENTER TO SUBMIT JOB

   PF1=HELP   PF3=END  PF4=MAIN  PF5=TERM  PF6=PREV              MORE!
```

The final Batch Update Menu item you might wish to use is the "Notify" selection:

```
DATE  :  07/07/04             AIRS FACILITY SUBSYSTEM              PGM:  AFP012
                                 BATCH UPDATE MENU                 MAP:  AFM0121
  ===============================================================================




                              1    COMPARE
                              2    EDIT
                         *    3    CORRECT
                              4    UPDATE
                              5    NOTIFY


                         ENTER MENU SELECTION:   5_




              * - DENOTES THIS OPTION IS CURRENTLY NOT AVAILABLE


    PF1=HELP   PF3=END   PF4=MAIN   PF5=TERM
```

The Notify screen allows you to review and manage the update jobs you have submitted. If a job ever does run out of time before completing, it can be restarted from this screen. An R in the action column will trigger the jcl screen, and then you can resubmit what's left.

```
DATE: 07/08/04                AIRS FACILITY SUBSYSTEM              PGM: AFP408
SCREEN: 408                      NOTIFICATION                     MAP: AFM0408
  ===============================================================================
                 JOB       JOB       JOB       JOB       JOB          JOB
   ACT    USER   TYPE      NAME      STATUS    NUMBER    DATE         TIME
  ===============================================================================
   _      QYI    U         QYIUPDT    I        JOB12025  07/06/04    09:07.18
                 QYIA026.COMPARE.OUTPUT
   _      QYI    U         QYIUPDT    C        JOB14520  07/06/04    10:57.33
                 QYIA026.COMPARE.OUTPUT






ACT  :  D=DELETE MESSAGE    P=PRINT REPORT    T=TRANS SUMMARY   E=ERROR SUMMARY
CODES:  C=CANCEL            R=RESTART         S=SUBMIT UTILITY FILE

  PF1=HELP   PF3=END   PF4=MAIN   PF5=TERM   PF7=PREV   PF8=NEXT
```

However, most of the time you will probably find it more convenient to use the job and print utility on Host On-Demand.

Viewing your Update Report through Host On-Demand

When the update process has completed, make sure you review the update (error) report to ensure that the data was accepted properly. If you receive any error messages you will probably need to address them in some manner and re-submit those transactions.

We hope you bookmarked that job and print utility screen back on the Enterprise Server. If not, refresh your memory back on page 13.

DISPLAY CREATED WITH - PREFIX: QYI*

|		JOBNAME	JOB-ID	PRT-DEST	QUEUE	C	JP	POS	STATUS	ASYS	PROGRAMMER-NAME	T
B	A	QYI	TSU14465	LOCAL	EXECUTION		2			EPA2	ARBOUR.RICHARD	
B	A	QYIAF654	JOB11690	R255	PRINT	H	1	15T			AFP654	
B	A	QYI480	JOB11812	R255	PRINT	H	1	15T			AFP480	
B	A	QYIUPDT	JOB12025	R255	PRINT	H	1	15T			AFS EDIT	
B	A	QYIUPDT	JOB14520	R255	PRINT	H	1	16T			AFS EDIT	

5 Job(s) Displayed.

CLICK A JOB FROM THE LIST TO VIEW IT.

When your job listings screen looks similar to the one above, click on boxed "B" to the left of the appropriate update job to get the breakdown:
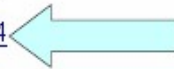
JOB SYSOUT DISPLAY - JOB QYIUPDT(JOB14520)

JESMSGLG
JESJCL
JESYSMSG
FORMAT
LOAD01
EDIT02
EXTRCT03
REPORT04
REPORT04
REPORT04
DELETE05
NOTIFY06

The 2nd Report04 is the error detail →
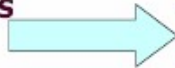
← **The 3rd Report04 is the error summary**

12 Sysouts Displayed.

A detail example:

```
DATE:   07/06/04                          AEROMETRIC INFORMATION RETRIEVAL SYSTEM
TIME:   10:57:42                                 AIRS FACILITY SUBSYSTEM
                                                 UPDATE ERROR REPORT

ST CNTY   PLANT ID
-- ----   --------------
25  013  CFC11
         RECORD
         ----+----1----+----2----+----3----+----4----+----5----+----6----+----7----+----8
         25013CFC11102  31 PONDS SIDE RD                                                A
             E****                                   E****
             PLANT ALREADY EXISTS.
             EITHER CITY CODE OR CITY NAME IS REQUIRED.
         25013CFC111041                                                                 A
                E*E
             CANNOT ADD COMPLIANCE PLANT WITHOUT VALID 10-1 THRU 10-4 TRANS.
         25013CFC1112140                                                                A
                                                                                        E

             RECORD TO BE ADDED WAS FOUND ON FILE.
         25013CFC111314CFC     8B A                                                     A
                                                                                        E

             RECORD TO BE ADDED WAS FOUND ON FILE.
         25013CFC111617014    FEI                     02111301      EAM  CFC           NA
                                                                                        E

             RECORD TO BE ADDED WAS FOUND ON FILE.
```

A summary example:

```
DATE:   07/06/04                          AEROMETRIC INFORMATION RETRIEVAL SYSTEM
TIME:   10:57:42                                  AIRS FACILITY SUBSYSTEM
                                                   UPDATE SUMMARY REPORT
                                          FOR FILE:   QYIA026.COMPARE.OUTPUT



    JOB INFORMATION
JOB NAME:    QYIUPDT            ACCEPT OUTPUT FILE:    QYIA026.ACCEPT.T2
JOB NUMBER:  JOB14520           REJECT OUTPUT FILE:    QYIA026.REJECT.T2
JOB-DATE:    07/06/04
JOB-TIME:      10:57:33
TRANSACTION SUMMARY                               ERROR SUMMARY
TRANS  SEQ   COUNT        ERROR           COUNT   DESCRIPTION
-----  ---  -------      -------         -------  ------------------------------------------------
   10    2        8           16               8  PLANT ALREADY EXISTS.
   10    4        8           16               8  EITHER CITY CODE OR CITY NAME IS REQUIRED.
   12    1        8            2              16  CANNOT ADD COMPLIANCE PLANT WITHOUT VALID 10-1 THR
   13    1        8            2               8  RECORD TO BE ADDED WAS FOUND ON FILE.
   16    1       13            2
   16    4        8            2
                -------      -------
     TOTALS       53           40
```

Going through the enterprise server this way is sure to save you time, and lets you store your reports in easily retrievable forms.