SAMS-2 Weekly NMO Transfer Process 16 December 2002

1. BACKGROUND: The National Maintenance Office (NMO) desired a feed of all SAMS-1 Work Orders (WO's), WO Parts, and its Document Register to be sent thru SAMS-2 channels to LOGSA, Huntsville, AL. It was therefore necessary to develop this Interim Change Package (ICP) 11-04 for both SAMS-1 and SAMS-2 to forward the data. This SAM-2 section contains several areas as follows:

2. DATA IN [Battalion]: The SAMS-2 user will receive the Extract of SAMS-1 data from each of their reporting units, when the computer is configured as a Battalion SAMS-2. Once the data is received via FTP, BLAST, or DISKETTE the user will execute the "**SAMS-2 Weekly NMO Transfer**" from the desktop ICON. The user should double click on the icon and the following screen appears:

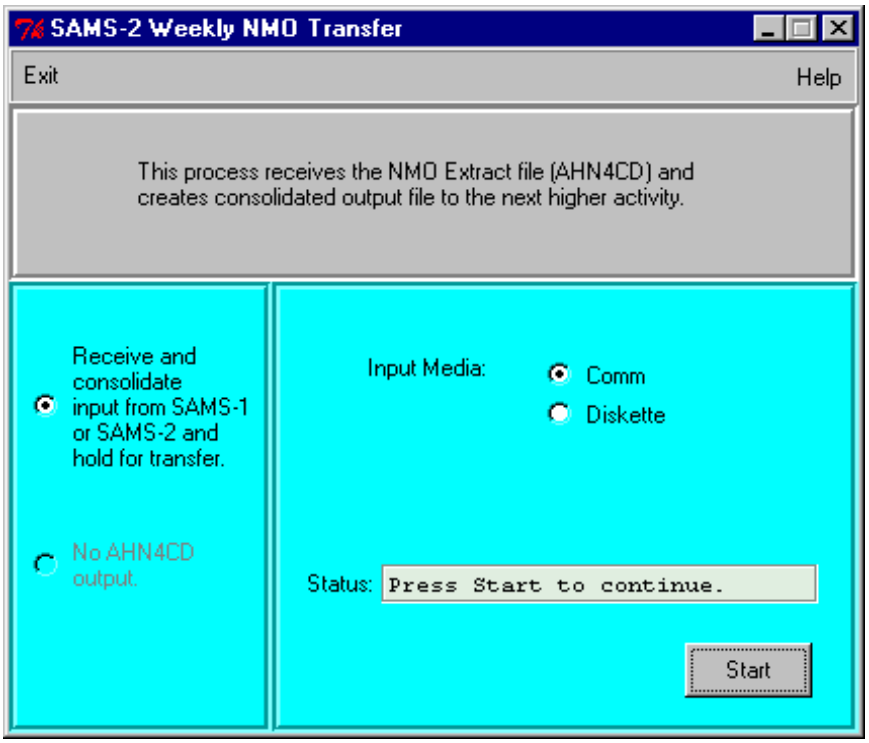

FIGURE 1, DATA IN (BATTALION)

When the **"Receive and consolidate input from SAMS-1 or SAMS-2 and hold for transfer"** radio button is selected, next select **"Input Media"**, then press the Start button at the lower right of the window. This process will consolidate all received SAMS-1 AHN4CD extract transfers from the input queue or diskette into one consolidated, NMO hold file. The **"No AHN4CD output"** selection will remain disabled until the first input is placed in the NMO hold file. The selection criteria will automatically become enabled when the hold file is created, as shown below.

FIGURE 2, NMO HOLD CHANGE

The consolidation of data may continue for any additional extracts received, regardless of the media (diskette or comm) or date received. The file will continue to increase in size until the output **"Send consolidated NMO data to SAMS-2"** transfer process is selected and executed. The **"Status"** field will provide informative messages to indicate success or failure of transfer data for both input and output. When all data is processed from the input queue, a window will indicate no additional entries remain.

FIGURE 3, COMM INPUT MESSAGE

When data is processed by diskette, several messages appear advising the user of the type of data and if the transfer is a single or a multiple diskette set. In Figure 4, the user is prompted to insert the diskette and select Okay. If the incorrect media (Diskette, Comm) has been selected, the option to cancel is provided.

FIGURE 4, DISKETTE INPUT

The system will display the diskette label information and if the transfer is a single disk, it will indicate Disk 001 of 001. Figure 5 below indicates a multiple diskette set by displaying Disk 001 of 002 diskettes. Once again, an option to cancel the process is provided, allowing reselection of input options. The UIC of the sending unit (Source) and the UIC of the receiving unit (Destination) along with the date time group are displayed from the header record of the diskette transfer.

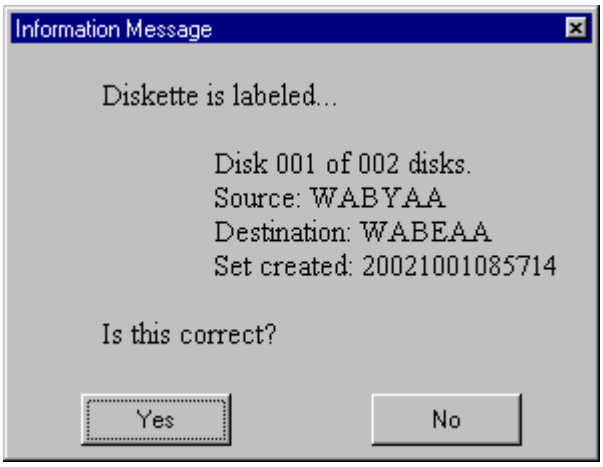

FIGURE 5, DISKETTE INPUT

If the computer is configured as a **Battalion,** consolidation is performed for all SAMS-1 NMO input. If the system is configured as an **MMC,** consolidation is performed for all NMO input data from SAMS-2 Battalion units. Data will be written to the NMO hold file, FIGURE 6 below, whether processed via diskette or communication.

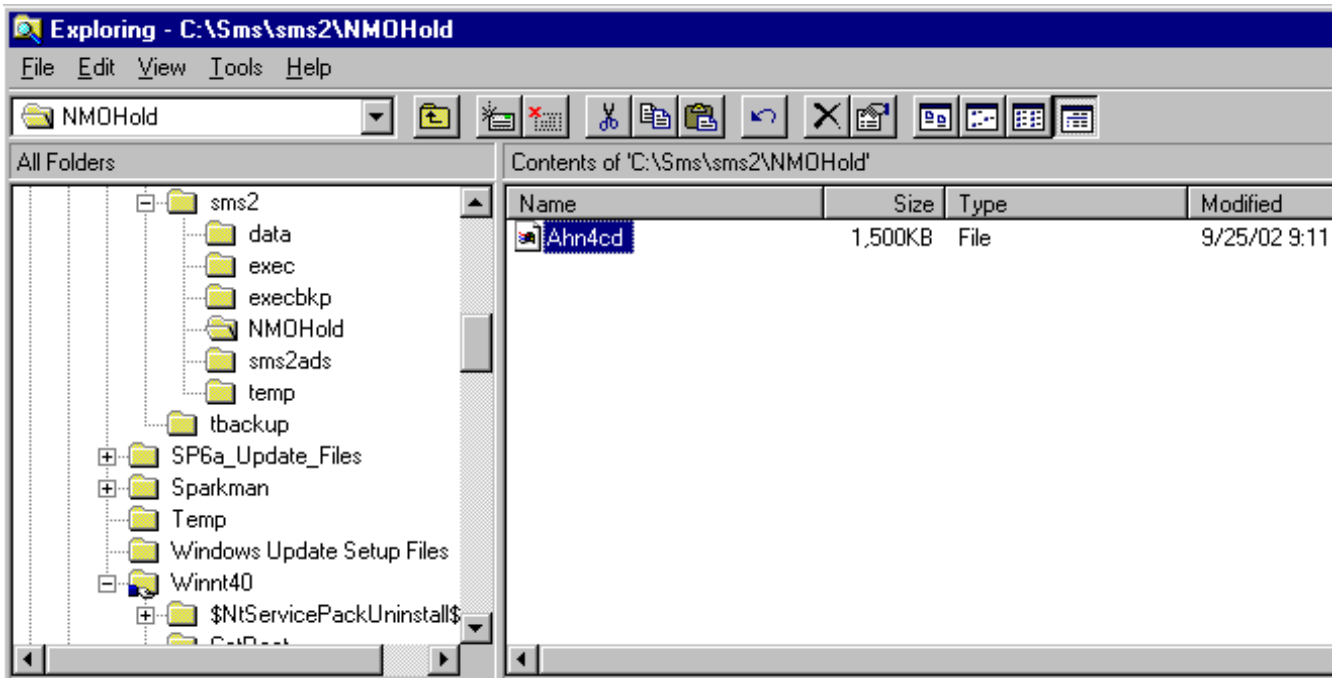

FIGURE 6, NMO HOLD FILE

3. DATA OUT [Battalion Comm]: When consolidation is completed, the Battalion must execute the **"Send Consolidated NMO Data to SAMS-2"**. This will move the NMO hold data to the output queue for comm transfer to their next higher SAMS-2. The UIC of the next higher SAMS-2 will appear on the transfer window. This UIC is placed in the window from the AHOD1A User Parameter record. If the transfer is to be sent via BLAST PtP, the phone number from that record will be the one used for the AHN4CD transfer. When the transfer is executed, the Status will indicate AHN4CD successfully queued, as shown below.

**** NOTE: To send multiple AHN4CD files to the MMC, the AHOD1A User Parameter must contain a number in the Phone Number field at the bottom of the screen, e.g., 9999999. The number is not required to be a valid phone number. This number will appear in the COMM Monitor for each queued AHN4CD file destined to the MMC.

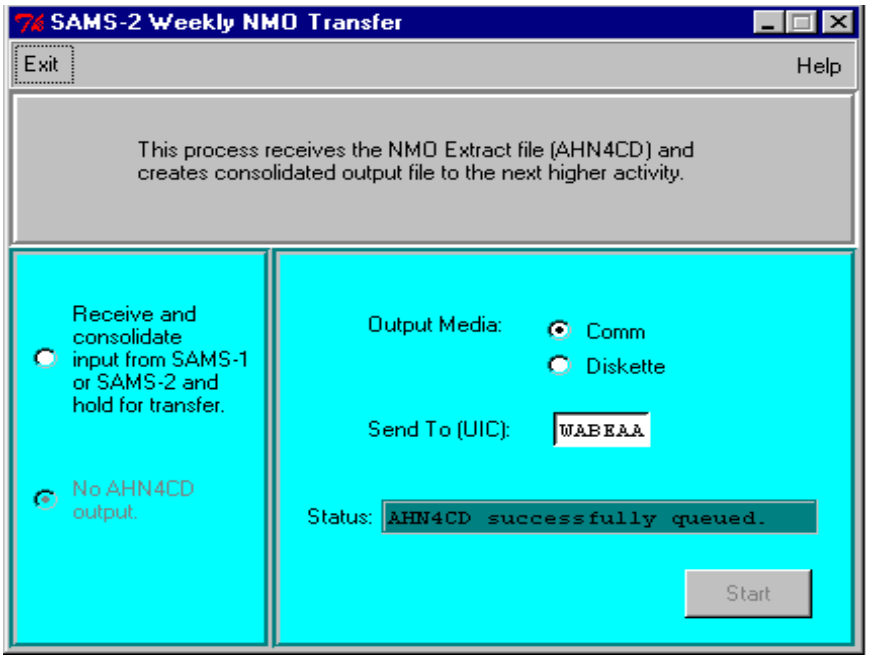

FIGURE 7, DATA OUT NMO COMM (BATTALION)

The verification that data has moved from the NMO hold file to the SAMS output queue may be accomplished by viewing the entry in COMMUNICATIONS, COMM MONITOR. When the data is successfully queued, the NMO hold file will be empty and the **"No AHN4CD output"** is once again displayed on the NMO transfer window.

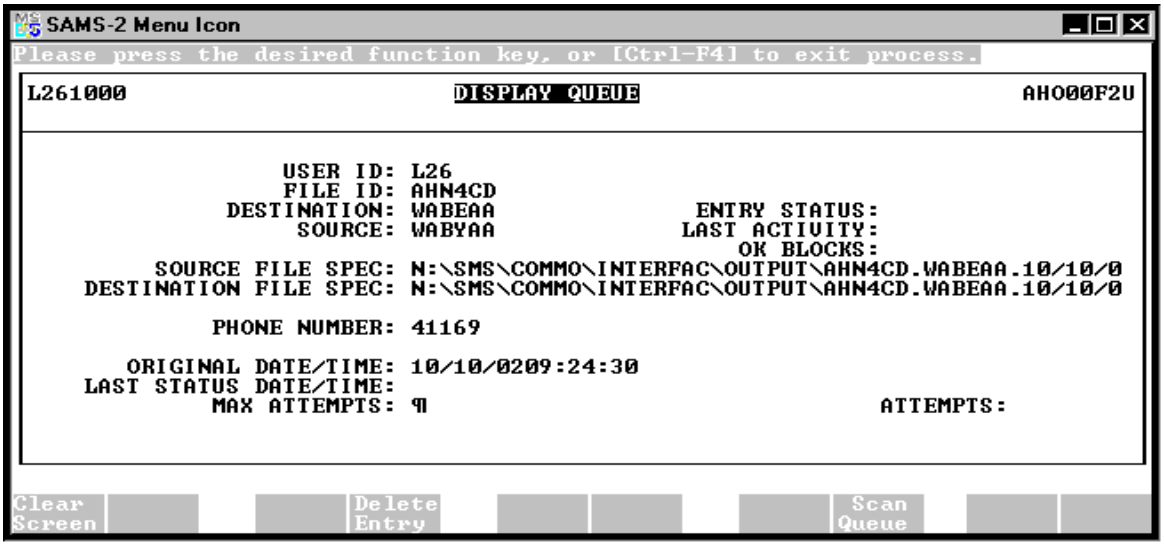

FIGURE 8, DATA OUT COMM MONITER [BATTALION]

If data is to be transferred via FTP, execute the FTP Console and send as you would any other transfer. The figure below indicates the IP address of the SAMS-2 MMC and when highlighted, will allow the user to select **"Transfer One"** and send the NMO data from the output queue to the correct destination.

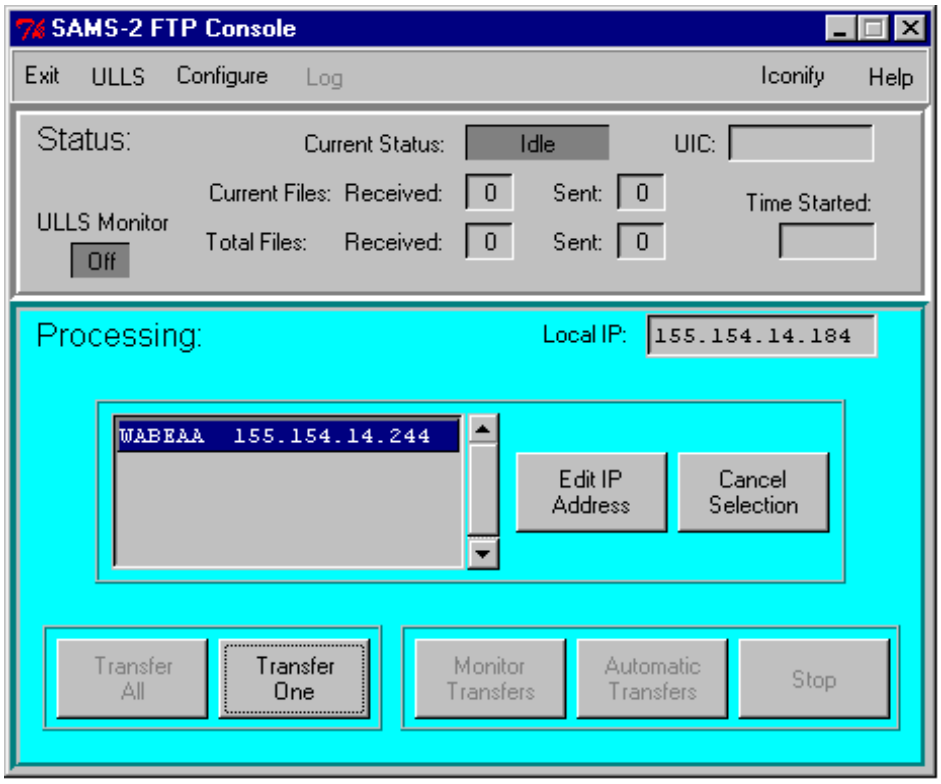

FIGURE 9, DATA OUT COMM [BATTALION]

If BLAST is used for transfer of the file, BLAST PtP Originate must be executed to send the file to the correct destination. Users must ensure receiving units are in the Answer mode or transfers will be unsuccessful. When processing data via communications the same files and folders currently used by existing interfaces are used.

When data is transferred out of the system the SMS\COMMO\Interfac\output folder and COMM Monitor are utilized.

When data is being received into the system, the SMS\COMMO\Interfac\input folder and COMM Monitor is utilized.

4. DATA OUT [Battalion Diskette]: When the **"Send consolidated NMO data to SAMS-2"** radio button is selected, press the Start button at the lower right of the window to execute and move the consolidated data from the NMO hold file to the diskette/diskettes.

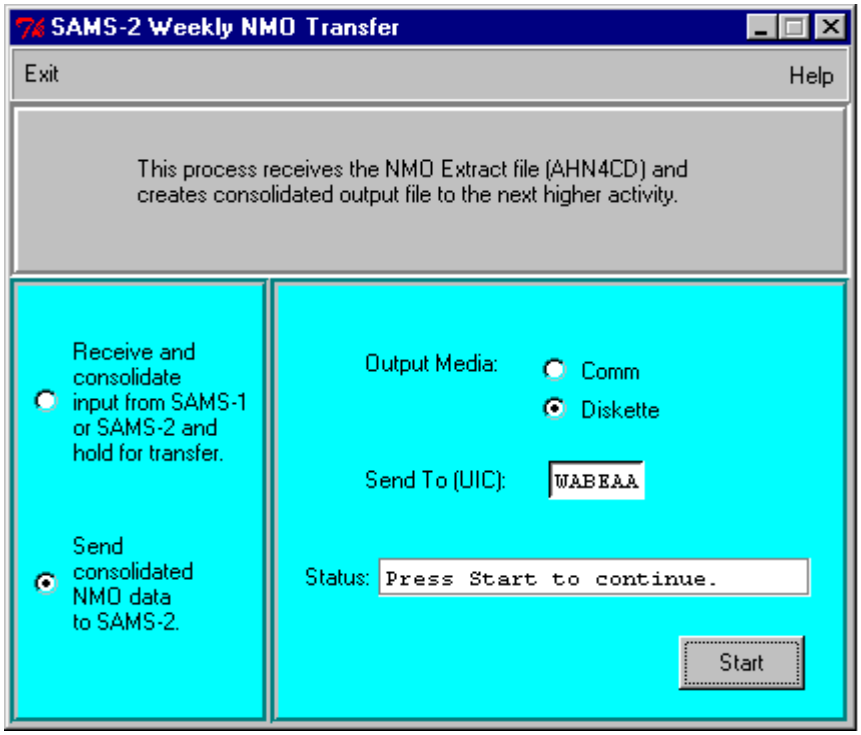

FIGURE 10, DISKETTE OUTPUT

In most instances the data will require more than one diskette and is more time consuming than either BLAST or FTP transfers. Intermediate screens will be displayed, prompting the user to label and insert diskettes. When the below screen appears, the first diskette is to be placed in the drive.

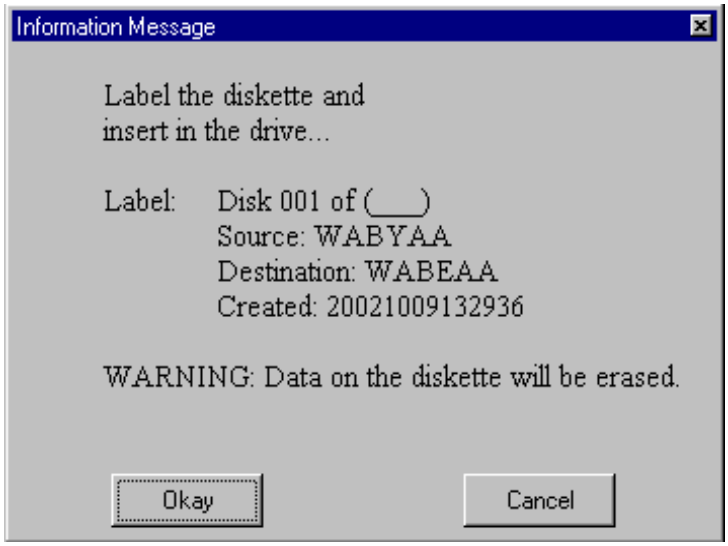

FIGURE 11, DISKETTE OUT

The computer will determine the size of the data to be sent and indicate the number of diskettes needed to conduct the transfer as shown below. If additional diskettes are required, the user will be prompted to label and insert each diskette.

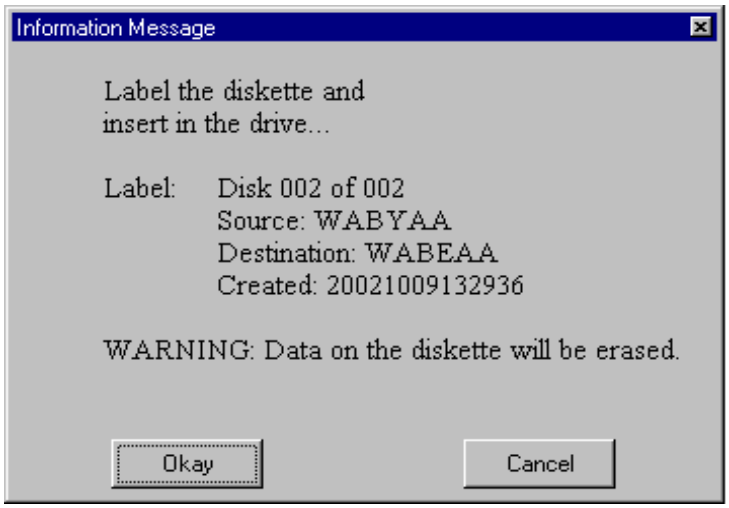

FIGURE 12, DATA OUT MULTIPLE DISKETTE [BATTALION]

When all data has been written to the diskettes, the user must then forward the data to the user shown in the **"Destination"** field.

***Note: Many units are concerned with who submitted data, when it arrived, and when it was sent forward. There are no online reports or parameter records to collect this data, but COMM Monitor entries may be Screen Printed, raw data backed up to another location on the hard drive, or saved to other type media (diskette, tape, CD) from the C:\SMS\Commo\Interfac\Output" folder.

5. DATA OUT [MMC]: When consolidation is completed (see **DATA IN [Battalion]**), the MMC must select **Diskette** or **Comm** and execute the **"Send Consolidated NMO Data to LOGSA."** If **Comm** is selected, the NMO hold data is moved to the output queue for transfer to LOGSA (FTP only). The UIC of LOGSA1 will appear on the transfer window. This UIC is placed in the window from either the AHOD1F Closed Work Order transfer or AHO16D AMSS transfer User Parameter record. If **Diskette** is selected, the procedure is the same as specified for **DATA OUT [Battalion, Diskette]**, above.

**** NOTE: To send multiple AHN4CD files to LOGSA, the AHOD1F User Parameter must contain a number in the Phone Number field at the bottom of the screen, e.g., 9999999. The number is not required to be a valid phone number. This number will appear in the COMM Monitor for each queued AHN4CD file destined for LOGSA.

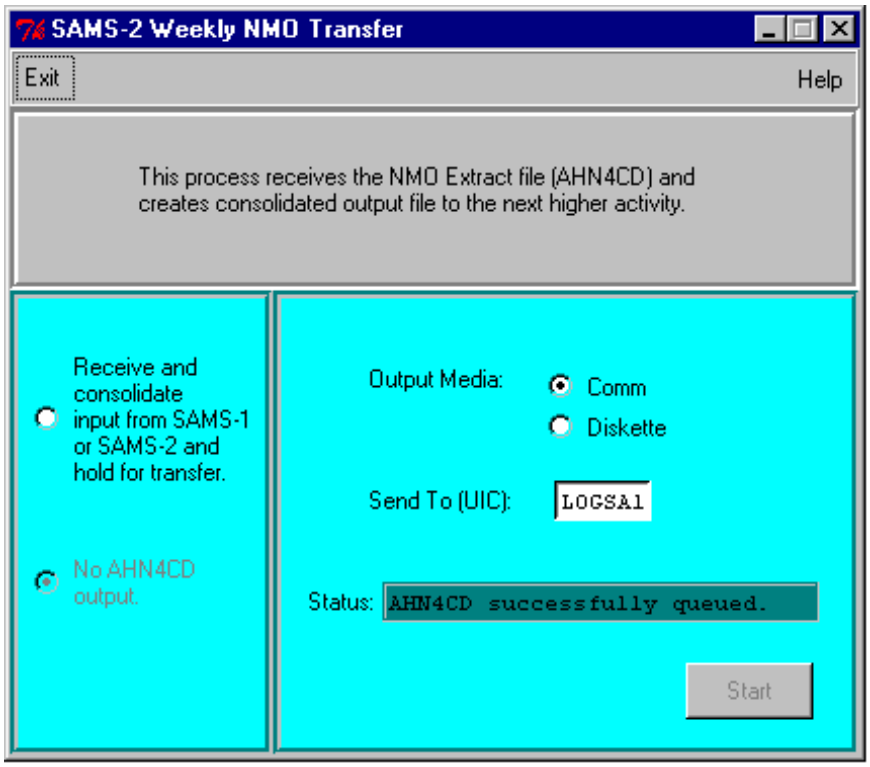

FIGURE 13, NMO COMMO OUTPUT TO LOGSA

When the **"Send consolidated NMO data to LOGSA"** radio button is selected, press the Start button at the lower right of the window to execute and move the consolidated data from the NMO hold to the Output Queue. When all data has been placed in the output queue, the user must then execute BLAST PtP or FTP to conduct the transfer to the user designated in the **"Send To (UIC)"** field.

6. FREQUENCY OF DATA TRANSFER: It is envisioned that these records from the three files will be extracted from SAMS-1 and sent to SAMS-2 weekly. If the user or the National Maintenance Office desires the extraction of these files more frequently, it is up to the user to run the process and forward the data to their SAMS-2.

The new output file will have a File ID of AHN4CD. The user does not need to add a new User Parameter record for this file ID, as the program will extract UIC's and Phone Numbers from existing records used for other interface processes.

At this time the user will only be able to send this file to SAMS-2 by FTP or BLAST PtP. The BLAST PtP to LOGSA will be added as schedule and time permit.

7. FTP TO LOGSA: When the consolidated data has been placed in the output queue and is to be sent by FTP, the user executes the FTP module from the desktop icon.

If the LOGSA1 IP address does not appear, enter the IP, LOGIN, and ACCESS CODE. The Help at the far right of the FTP Console will assist the user in setting up FTP.

Highlight the LOGSA1 UIC in the Processing portion of the FTP window and then press the Transfer One button. This will activate the LOGSA Process Selection window shown below.

Place a check in the Send NMO File (AHN4CD) box and press OK. Data will be successfully transferred when set up correctly. If a failure occurs data should not disappear and additional attempts may be made. If the transfer is successful, the file will be emptied in preparation for the next consolidation.

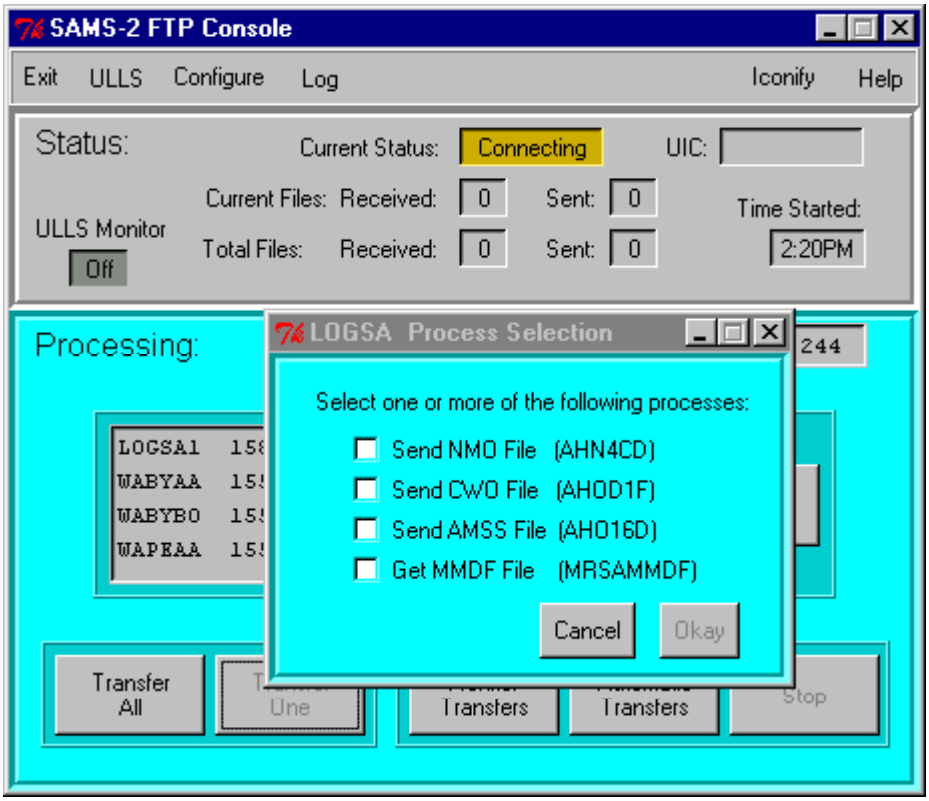

FIGURE 14, NMO FTP SELECTION TO LOGSA

When the NMO transfer is successful it will be indicated as such and the SAMS-2 is ready to receive and consolidate the next set of data from subordinate units. “No AHN4CD Output” is indicated until a transfer is received and placed in the NMO hold folder. When the first transfer is processed this selection will become active, but is not executed until such time as the transfer to the next level of maintenance is desired.