

## SAMS-1 Weekly NMO Extract Process

16 December 2002

**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. Interim Change Package (ICP) 11-04 was developed to do this work. **Prior to ICP 11-04, it was done by selected SAMS-1 users through Windows NT Explorer or using unique BLAST scripts.**

The SAMS-1 user will run this new interface output from a new desktop icon which is entitled "SAMS-1 NMO Extract". The user double clicks on the icon to display the following window:

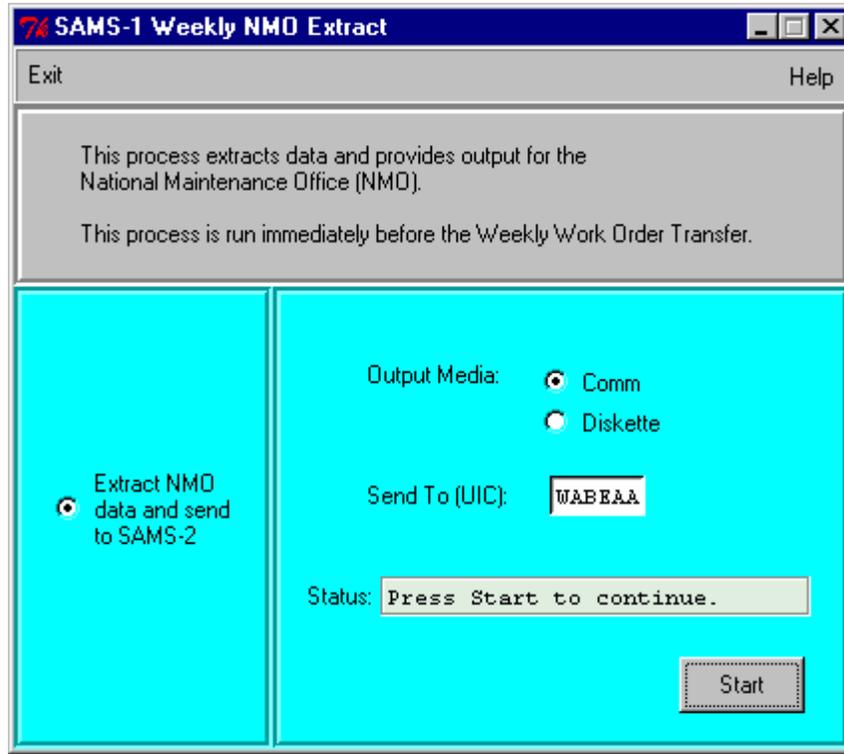


FIGURE 1, SAMS-1 Weekly NMO Extract

If the user wishes to minimize the SAMS-1 Weekly NMO Extract window he clicks on the minus sign in the upper right hand corner. If he wishes to exit from the process he clicks on the Exit menu selection. For Help information click on Help in the upper right hand corner and then NMO Extract.

Of the three files to be extracted (AHN03I (WO), AHN05I (Parts) and AHN10I (DocReg)), the AHN03I will have all records and some from the other two files as follows:

**WO, AHN03I:** All WO records, both open and closed will be extracted.

**Parts, AHN05I:** All records will be extracted "*provided it has a matching WO record in the WO file*", AHN03I file. The following *data* will not be extracted from the records in the AHN05I file:

<u>POSN</u>	<u>FIELD TITLE</u>	<u>LEN</u>	<u>NAME</u>
33	IDENT-NO-CD-PRIME	1	Identification Number Code Prime NSN
34-48	PART-NO-FLD-PRIME	15	Part Number Field of PRIME NSN
58-66	EST-RPR-PART-COST	9	Estimated Repair Part Cost
82-86	QNTY-CONSM-MAINT	5	Quantity Consumed in Maintenance
108-112	TRNS-QNTY-EX	5	Transaction Quantity Excess
113-128	RPR-PART-RMRK	16	Repair Part Remarks
129-130	FILLER	2	Filler

This means only a max of 77 bytes out of a possible 130 will be extracted for every record from this file in the new process. In other words 53 Bytes will not be extracted as displayed above.

**Document Register, AHN10I:** Only document register records that have a WON key with Supply Transaction Identifier Code (STIC) of "W" *with a matching Work Order in the Work Order File*, AHN03I, will be extracted. **NO OTHER DOCUMENT REGISTER RECORDS WILL BE EXTRACTED.**

**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 on a weekly basis. **The NMO Extract must be done prior to the Weekly WO Transfer.** If the user or the National Maintenance Office desires that the extraction of these files be done daily than it is up to the user to run the process daily and forward to their SAMS-2 system.

**The new NMO Extract File must be sent prior to the Weekly WO Transfer, as some candidate records from the three files, which meet the NMO extraction criteria, must be included in this new Interface Output. If it is done after the Weekly is run some records may have been purged if the Work Orders were closed out and picked up by the customer.**

The new output file will have a File ID of AHN4CD. The user does not need to add a record for his Diskette/Comm master file, as the Comm Queue will be created for the same phone number as indicated by the Weekly or AHN4BD record in the Diskette/Comm master file. In other words if the Weekly SAMS-2 record has in its phone number field a local number of 734-0626 when the SAMS-1 user attempts to run BLAST Point to Point (PtP) the new AHN4CD file will be sent to the same phone number, 734-0626. Also, note that this extraction process is totally run by the SAMS-1 Weekly NMO Extract icon.

The user can send this file to SAMS-2 by Comm (BLAST PtP or FTP). He can also send via Diskette(s) if this radio button is selected.

#### **Using the SAMS-1 NMO icon:**

1. After the SAMS-1 user double clicks on the SAMS-1 icon he will see the new window titled: **SAMS-1 Weekly NMO Extract.**
2. The SAMS-1 system will automatically select the SAMS-2 UIC for which a Weekly WO Transfer, AHN4BD record, exists in the SAMS-1 Diskette/Com master file. In FIGURE 1 on page 1, the SAMS-2 UIC is WABEAA. It is to the right of the Send to (UIC) literal, which is above the status bar.

3. Note that the Output Media can have either the Comm or Diskette button clicked. **In the first example an Output Media of Comm will be selected.**
4. To start the extraction output process the user will click on the **Start button** in the lower right hand corner. After the Start button has been clicked the user will see the following messages in the Status box: Extracting Data, (he will see an information window which states:) Please confirm output to comm queue for later BLAST or FTP – User must click Okay or Cancel,



FIGURE 2, Confirm Output to Comm

5. FIGURE 3 shows a successful NMO Extract with the message in the Status field: "AHN4CD successfully queued" after it has been run to completion.

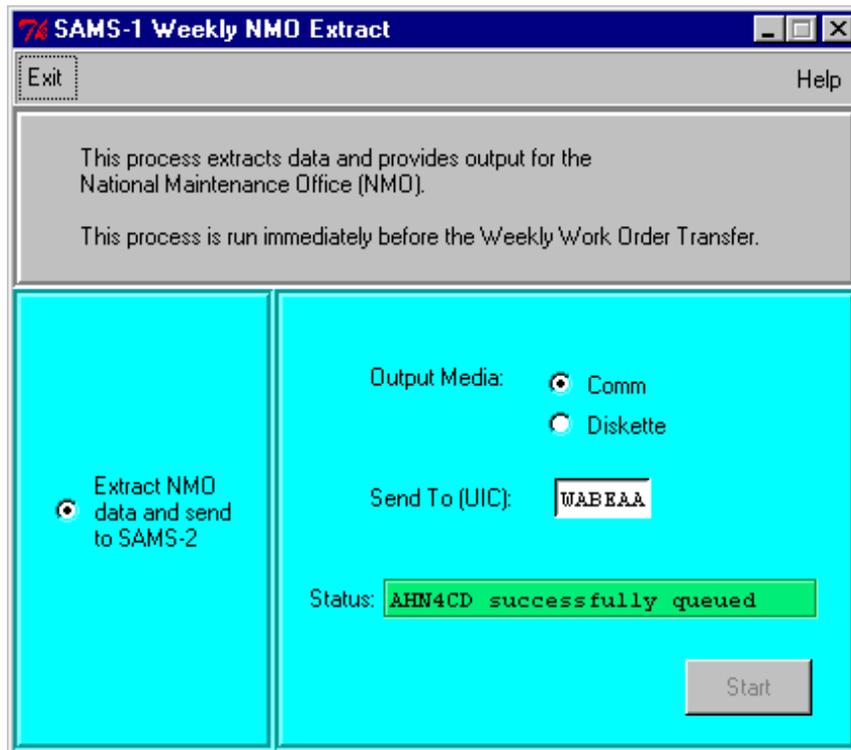


FIGURE 3, AHN4CD successfully queued

6. **It is up to the SAMS-1 user to forward the NMO file, AHN4CD, by Comm to SAMS-2 via FTP or BLAST Point to Point.** After the SAMS-1 user receives the successful message when the process finishes he can look in the Comm Monitor program and see a Comm Queue addressed for his SAMS-2 with a blank Entry Status.
7. If the SAMS-1 user attempts to run the Extract program again, and it is still in the Comm Queue with a blank Entry Status, he will receive the message in FIGURE 4.

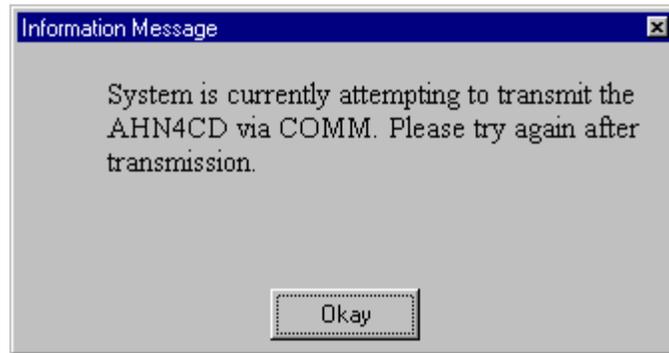


FIGURE 4, System attempting to transmit

8. If the SAMS-1 user wishes to do **Diskette Transfer** of the AHN4CD file to SAMS-2, versus Comm as discussed above, he selects the diskette radio button in the Output Media area of the SAMS-1 Weekly NMO Extract window. He must have an initialized 3½ inch diskette in the disk drive. The first information message the user sees after clicking on the Start button is in FIGURE 5:



FIGURE 5, Confirm Diskette Output

9. Next, after the user clicks Okay the next information message window appears about Label the diskette and insert in the drive.

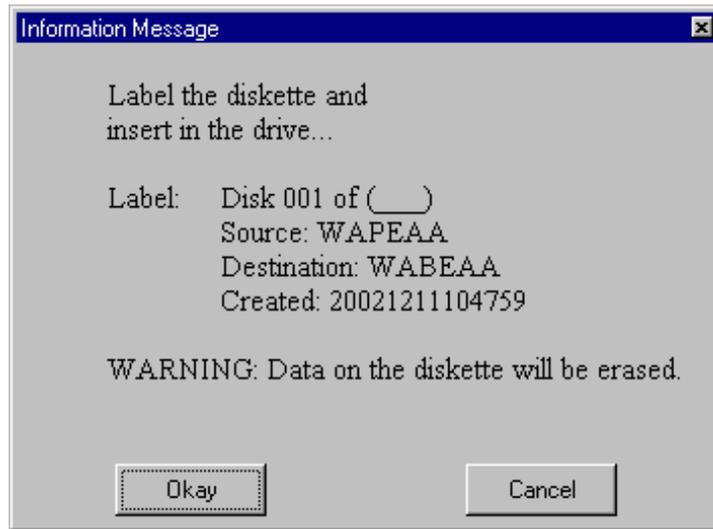


FIGURE 6, Label the diskette and insert

10. In the status area of the window the user will observe messages “Extracting Data”; and “Creating the AHN4CD temp files . . .” Other status messages he will see as the data is written to the diskette(s) are FIGURE 7 and FIGURE 8, below:

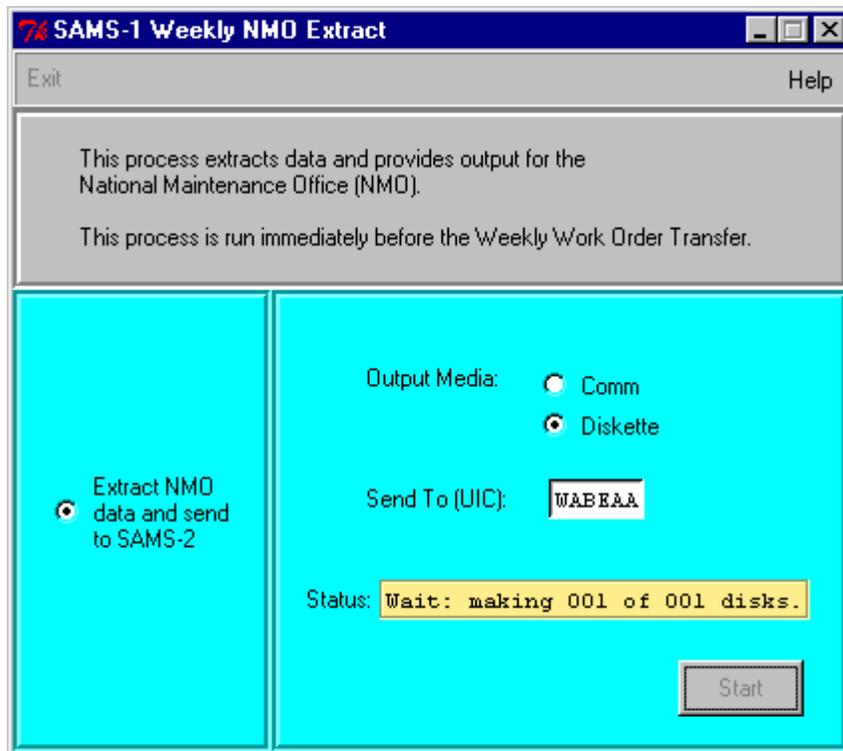


FIGURE 7, Extracting data and making disk(s).

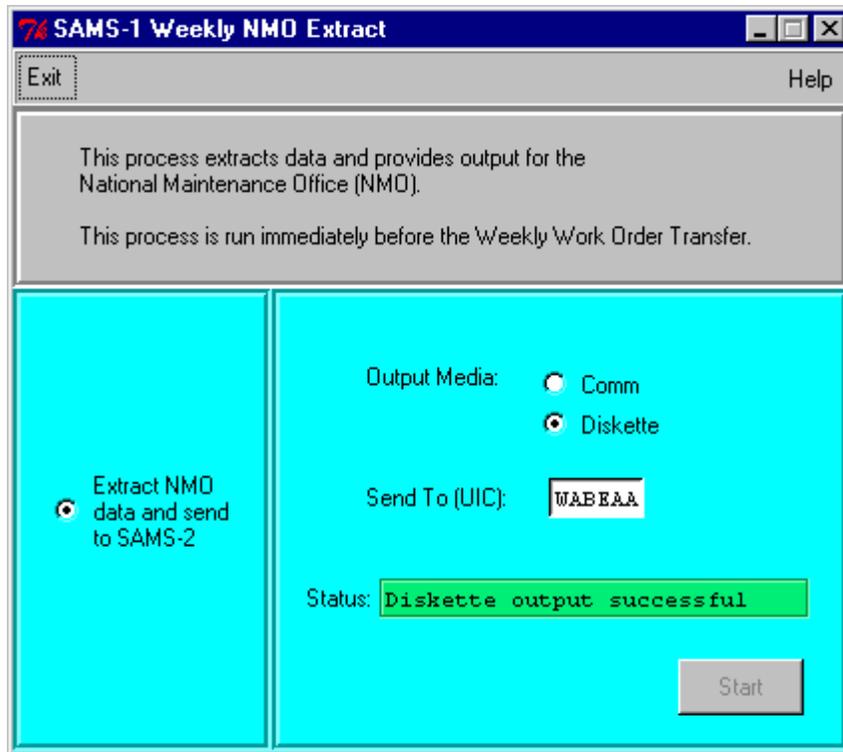


FIGURE 8, Diskette Output successful.

11. When the SAMS-1 user is finished with the Diskette, and the AHN4CD file is written to it, he takes it to his SAMS-2 system.