

# **OPERATIONS GUIDE FOR THE NASA EQUIPMENT MANAGEMENT SYSTEM (NEMS) INVENTORY SYSTEM**

Release 4.9

NEMSINV-OG-13

PrISMS Contract

August 2001



National Aeronautics and  
Space Administration

**George C. Marshall Space Flight Center**  
Huntsville, AL 35812

OPERATIONS GUIDE FOR THE  
NEMS INVENTORY SYSTEM  
RELEASE 4.9

**Submitted by**

\_\_\_\_\_  
**Neal Cantrell** **Date**  
**Functional Area Lead**

**Reviewed by**

CSC

\_\_\_\_\_  
Steve Rowell  
Agencywide IRM, Property and  
Procurement Systems

Date

\_\_\_\_\_  
Jim Cofer  
Configuration Management

Date

\_\_\_\_\_  
Hector Garcia  
Agencywide IRM

Date

\_\_\_\_\_  
Richard Bishop  
Data Base Administrator (DBA)

Date

**Prepared by**

**Computer Sciences Corporation, Contract NAS8-60000**

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
GEORGE C. MARSHALL SPACE FLIGHT CENTER  
HUNTSVILLE, ALABAMA**

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RELEASE 4.9

**Approved by**

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**Sheila Fogle** **Date**  
**Consolidation Center**  
**Project Manager**

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**Nikita Zurkin** **Date**  
**Program Functional Manager**

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**  
**GEORGE C. MARSHALL SPACE FLIGHT CENTER**  
**HUNTSVILLE, ALABAMA**

August 2001

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## **1. GENERAL FRAMEWORK**

### **1.1 PURPOSE**

The purpose of the NEMS Inventory Subsystem is to conduct a NASA Terminal Equipment Inventory.

In order to achieve this purpose, (1) the Inventory Data Base is created and maintained, and (2) the necessary information is obtained from the data base either through online adhoc inquiries or through formal reports produced by batch processing.

This booklet is prepared for both the users and automated data processing (ADP) personnel. Information described in this booklet will give a general picture of the subsystem, and will allow easier access to the Inventory Subsystem for the users or ADP personnel.

### **1.2 FEATURES OF THE SYSTEM**

The Inventory Subsystem is a subsystem, written in the NATURAL language, to NEMS. It compares existing equipment data to the data collected from a physical inventory and flags any discrepancies. A list of the various discrepancies and their meaning are given below. These discrepancies are corrected (worked off) through inventory transactions similar to the equipment transactions.

This system, although a subsystem to NEMS, is used independently of NEMS. It has its own control system, display screens, reports, and transactions. It does use the Equipment File for reference and update.

An inventory should be done every three years. When an inventory is opened it should be completed and closed within the next three years. Each installation controls its own inventory by Custodian Accounts/Location. To begin an inventory the user will 'open' it and request (at this point or later) the pre-inventory reports giving them summary statistics on what is to be inventoried. Accounts/Locations are then selected (opened) for inventory. Equipment is physically inventoried using portable bar code readers (PBCR). This PBCR data is uploaded to a personal computer (PC), and uploaded again to an Adaptable Data Base (ADABAS) file on the mainframe. At this point the Custodian Account/Location that was just inventoried and uploaded (and opened earlier) is set for processing (Bar Code File against Inventory File). The Equipment File records are downloaded to the Inventory File and compared to the Bar Code File records and any discrepancies are defined as:

- Overages - Equipment was physically inventoried for a Custodian Account/Location and does not belong to that Account/Location or any other Account/Location opened on the Inventory File, or the Equipment Control Number (ECN) cannot be found on the Equipment File.
- Underages - Equipment on record to belong to a Custodian Account/Location was not physically inventoried.

Location - Equipment belonging to a Custodian Account/Location (grid) was found in a different location (building or room) than on record. Note: these records will have their location (equipment) automatically changed on the Equipment File to where it was scanned by the PBCR as a part of the bar code data processing.

A separate report, showing items in question, will be generated automatically for each type of discrepancy, as needed. These reports can also be requested at any time.

The discrepancies and/or their counts can be reviewed online by using the Status Option. Each type of Status available will be described later.

The discrepancies are corrected by using inventory transactions which will be applied to the Inventory File and the Equipment File. These transactions follow the same procedure a regular equipment transactions with the additional task of updating the Inventory File and correcting discrepancy flags. Therefore, although an inventory transaction will have the same effect on the Equipment File as a regular transaction, the inventory transaction must be used in order to correct the discrepancy.

Summary information, such as the current corrected number of each type of discrepancy, number of records uploaded from the PBCR, etc., is continually maintained on a status file along with a record of each transaction applied. This information is displayed on the various status screens.

When all discrepancies for a Custodian Account/Location are corrected, the Account/Location is selected to be closed. This involves clearing out inventory records, bar code records and creating a history record with final processing counts and dates. The locations (equipment) scanned by the PBCR updated the equipment file when the bar code data was processed.

A more detailed explanation of each step in the Inventory Process will follow.

To initiate the Inventory Subsystem the user should sign on to ADABAS/NATURAL as with the NEMS system, to the point of entering 'NEMS'. At this point 'INV' should be entered which will return a warning screen. After pressing the ENTER/RETURN key, the 'NEMS – Inventory Subsystem' screen appears, and the user will be prompted for the function desired.

### **1.3 DATA BASE AND PROGRAMS**

The inventory data base is established and maintained under the ADABAS data base management system (DBMS). The programs that comprise the Inventory automated system are written in NATURAL, the ADABAS online interactive processing language. Currently, about 130 programs are supporting this system.

Since the Inventory Subsystem is organized and processed under the ADABAS DBMS, ADABAS files are created and maintained for the system. The records on the ADABAS files are well indexed by the ADABAS software, and are directly accessed in a very quick and effective way.

Under the ADABAS/NATURAL system, a certain category of records, or records which are matched against certain qualifiers can be extracted directly from an ADABAS file, instead of extracting all records first and then testing records for certain qualifications. This capability of selective extraction of records from an ADABAS file reduces unnecessary processing substantially, and economizes overall processing dramatically.

The capability of 'qualifying-and-extracting' records from a ADABAS file, instead of 'extracting-and-qualifying' records on a ADABAS file, is provided by the ADABAS inverted indexing system. Under the inverted indexing system, contents of records are first checked, and if they are qualified, then locations of qualified records are sought and records are extracted. For this purpose, contents of certain key-like fields (descriptors) for each record (inverted list) are extracted when records are stored on a ADABAS file.

The inverted list (similar to a condensed file) of an ADABAS file is ready for use once a file is created or updated, and the list contains data (content) for descriptors (certain designated fields), frequency of occurrence of same data (content) and internal system numbers (ISN), unique record number in a file which can be assigned by the system (or by users) for each record which has the same data. The ISN is indexed to the address converter which tells the block number of the file where the record with the ISN is located.

In this way, only necessary records are extracted selectively from an ADABAS file through the inverted indexing system (looking at contents first, then

extracting appropriate records). In addition to this procedure, the highly effective NATURAL language provides very effective and convenient means of accessing and retrieving records from ADABAS files.

However, records on an ADABAS file are only accessed or retrieved through appropriate programs, because of the data indexing system and the fact that most of fields of each record are compressed when the record is stored on an ADABAS file. When records are retrieved from an ADABAS file, the compressed fields are regenerated to the original records.

## **1.4 INVENTORY FILE ORGANIZATION**

### **1.4.1 The Inventory Database**

The NEMS Inventory Database is made up of three (3) ADABAS files. The files are:

- (a) Inventory File - (NEMS-INVENTORY),
- (b) Bar Code File - (NEMS-BAR-CODE), and
- (c) Status File - (NEMS-INV-STATUS).

In addition to these files, the Inventory Subsystem is linked to the following NEMS files:

- (a) Equipment File,
- (b) Daily Transaction File,

- (c) History File,
- (d) Table File, and
- (e) Report File.

#### **1.4.2 The Inventory File (NEMS-INVENTORY)**

The Inventory File is considered as the base file for the Inventory data base. This file is the most important file in the data base.

The records on this file are written when an inventory, an Account/Location is opened, an Account/Location is scheduled for overnight edit update processing, and during the batch processing itself. The 'underage' discrepancies are marked with a 'U' and kept on this file. The records remain on this file as long as an Account/Location is open.

When an Account/Location is closed, all records pertaining to the Account/Location are deleted.

#### **1.4.3 Bar Code File (NEMS-BAR-CODE)**

This ADABAS file is used as a holding file for bar code records. The records are written to this file via upload of records from PC floppy disk to the mainframe.

While processing the Account/Location against the Inventory File the 'overage' records are flagged by an 'O' on this file. Once an Account/Location is processed and closed all the Account/Location records are deleted from this file.

#### **1.4.4 Status File (NEMS-INV-STATUS)**

This ADABAS file contains the To-Date Status records for opened, processed, and closed Accounts/Locations. Information carried on this file includes all the worked off discrepancies by Inventory Transaction Number. The discrepancy Work-Off records are deleted when an Account/Location is closed, but the Status records remain on this file during the triennial inventory cycle.

### **1.5 NAVIGATION**

Navigation in the Inventory module can be accomplished by moving up and down the menu 'trees' or by entering a direct command. The syntax for the direct command is '=A.BBB.CCC' where the equal sign ('=') designates the value as a direct command. The first 'tree' level is identified by the 'A'. A delimiter ('.') followed by the second level and third levels (where applicable) follow. The values for levels correspond to the values on that level of menu. The first level corresponds to the Main Menu options. The second level corresponds to the specific options available to the menu designated by the first level. The same applies for the third level. This amounts to stacking menu directing commands to arrive at a predetermined location. The direct command is available where ever a menu option (or Cancel command) exists. The final destination can be any screen unless a data value was required to get there (e.g. entering the transaction number and ECN on the Add Transaction Menu).

There are a few special direct commands available:

<u>Command</u>	<u>Result</u>
= Q	This command will take you out of NEMS. The result is the same as entering an 'X' on the Main Menu. You would either exit NATURAL or receive the 'NEXT' prompt in NATURAL. This depends on how your NEMS is set up.
= 0	This command will take you to the Main Menu.
= X	This command will take you to the Main Menu and put the 'X' in the input field. If you press ENTER again the 'X' will be executed.
= (space)	This command will take you to the Main Menu.

These commands can be used as a quick return to the Main Menu or out of the system. The direct commands are intended to enhance navigation, not to replace the existing method of climbing up and down the menu 'trees'.

## **2. INVENTORY OPEN/CLOSE FUNCTION**

### **2.1 INVENTORY OPEN**

This is the first step of the Inventory Process and can only be done one time per inventory. If the inventory has already been opened, the date it was opened will be displayed next to the Option on the Main Menu screen. If the user attempts to open the inventory twice, an error message will be displayed and the function will be aborted. When the inventory is opened the user has the option to generate the two pre-inventory summary reports (by Custodian Account or Grid Location). Reports can also be requested at any time, through the Report Selection function.

### **2.2 INVENTORY CLOSE**

This function will close the NASA triennial inventory cycle.

To process the Close Inventory Function the Inventory File is checked to make sure that all the Custodian Accounts/Locations have been inventoried. This is accomplished by searching the equipment records which have not been inventoried within the current cycle. If all equipment records have been inventoried, a record is written to the Inventory File requesting a close of the inventory.

The actual processing takes place at nightly batch processing. This function will close the inventory and delete all the records from the Inventory, Bar Code, and Status files, and leave all the files and system ready for the next biennial inventory cycle.

### **3. INVENTORY ACCOUNT/LOCATION ACTIVITY FUNCTION**

#### **3.1 ACCOUNT/LOCATION SELECT**

When a Custodian Account is to be inventoried, the Custodian Account Number and its sub-accounts are entered on this screen, along with any centerwide accounts necessary. These accounts are then considered 'opened' for inventory.

A centerwide account is a custodian account that is known to have equipment spread through various locations at the installation. If records are scanned for a main account, and belong to one of the centerwide accounts, it is held on the Bar Code File until the centerwide account is processed. When it is known no more equipment for a centerwide account will be scanned, it should be set to be processed. Centerwide accounts can be processed any time.

A main account is the Custodian Account Number being physically inventoried. A sub-account is specified when a physical location is going to be inventoried and it is known that more than one custodian account's equipment will be scanned. The main account will be the custodian account that is predominant, the rest are subs. A maximum of 5 sub-accounts can be attached to each main account.

When a main account is processed (comparing bar code data to the Inventory File), if it has any sub-accounts attached to it, the first sub-account will automatically be made a main account and any remaining sub-accounts for the original main account will be passed as sub-account(s) to the new main account. For example:

1. Main Account - A with sub-accounts - NIE, ATG, DE
  - a) After Main Account- A is processed
    - Main Account - A with sub-accounts - none
    - Main Account - NIE with sub-accounts - ATG, DE

Location is a grid location to which equipment is being physically inventoried for one or more custodians. A maximum of forty (40) locations opened or being processed are allowed at a time.

#### **3.2 ACCOUNT/LOCATION UPLOAD/DELETE**

This option will upload PBCR data from a PC to the Bar Code File on the mainframe, or delete an Account/Location from the Bar Code File so the Account/Location can be uploaded again. The user is prompted for the Custodian Account/Location inventoried, and the option desired.

- A. Upload Account/Location - Records are uploaded online, 15 at a time. Processing proceeds automatically until all records are processed, without user intervention. The program on the PC passing data to the mainframe will send 'END' as it's last record, which will signify the end of the input data. At the bottom

right of the screen will be displayed a Screen Count. This number can be multiplied by 15 to estimate the number of records processed at any given point. When processing is complete a Final Statistics Screen giving the following information is displayed:

- Total Records Read - Total number of records passed from the PC to the mainframe.
- Total Records Uploaded - Total number of records accepted and loaded to the Bar Code File on the mainframe.
- Records Scanned - The number of records physically scanned by the PBCR. When this is done a flag is set to '\*'. This flag is passed up to the mainframe and displayed on various status screens and reports.
- Records Keyed-In - If for any reason the PBCR operator cannot physically scan a piece of equipment, the ECN is manually keyed in.
- Records Need Repair - If a piece of equipment is in need of repair the PBCR operator keys in 'R' after the equipment is keyed in. The 'R' is stored in the above-mentioned flag.
- Records Idle - If it is known that a piece of equipment is not being used, an 'I' would be keyed in after the ECN is keyed in. (refer to above)
- Duplicate ECN - If an ECN is found more than once on the floppy disk for the same Custodian Account/location, it will be rejected and the Total No. of Duplicates Found will be displayed on the Upload Statistics Screen. However, if the ECN is found on the Bar Code File under some other Custodian Account/Location it will be accepted.

A summary record will be created on the Status File for this Account/Location, with the total number of records uploaded.

A.1. Display Uploaded Records - This function displays the bar code records uploaded from the floppy to the mainframe. The following fields are displayed:

- Unit ID - Identification of the portable bar code reader.
- Operator ID - Identification of the person doing the scanning.
- Inventory Date - Date entered on the bar code scanner.
- Custodian Account Number/Location - Custodian Account Number or Location entered on the bar code scanner.
- Building Number - Building number entered on bar code scanner.
- Room Number - Room number entered on bar code scanner

- ECN - ECN scanned through the laser or wand or hand-entered on the bar code scanner.
  - Bar Flag - Indicating whether the item was entered by the laser scanner, light wand, or keypad entry.
- B. Delete Account/Location - This option will check to see if there are any bar code records for the Custodian Account/Location specified, and that it is a main Account/Location opened on the Inventory File. All Bar Code File data records are deleted. When all records are deleted a message will be displayed to that effect. This option cannot be used if the Account/Location has been processed.

### 3.3 ACCOUNT/LOCATION PROCESS/CLOSE

This option allows the user to process a Main Account/Location against the Equipment File, produce the discrepancy reports or close the completed Account/Location.

#### A. Process Account/Location

This option will search the Equipment File for records that belong to the Custodian Account/Location. Then the Bar Code File is searched for each ECN. If no record is found on the Bar Code File and the Equipment File record does not have the 'OUT' code set, the Inventory Discrepancy Flag is set for an underage. The building and room are compared. If either is different, the Bar Code and Inventory Discrepancy Flag is set for a Location (Equipment) Change. The Equipment File record is stored on the Inventory File, with the Discrepancy Flag. If the Building Number is different, the Building Number Table is searched to find the new Building Number. If the new Building Number is not found on the table a flag is set in the Inventory File to indicate the invalid Building Number.

After all ECN's are processed as above, the Bar Code File is searched again for all bar code records for the Custodian Account/Location, then the Equipment File is searched for the ECN. If no equipment record is found, the Bar Code Discrepancy Flag is set for an overage. If an Equipment Flag record is found and does not belong to the attached sub-accounts for a main account, the Bar Code Discrepancy Flag is set for an overage. For each type of discrepancy, a count is kept on the status file and a report is generated.

If there were any Location (Equipment) Discrepancies, the scanned Location (Equipment), from the Bar Code File, will be moved to the Equipment File. When processing is complete, if the Custodian Account has any sub-accounts attached, the first account is automatically made a main account and any other sub-accounts are passed a sub(s) to the account and any other sub-accounts are passed as sub(s) to the new main account.

#### B. Account/Location Close

This option closes the main Account/Location when all the discrepancies are corrected. The Status File 'history' record is updated for the number of records processed and the date closed. The detail transaction's process records are kept on the file until the

triennial inventory cycle is completed. The main Account/Location records are deleted from the Inventory and the Bar Code files.

#### 4. **INVENTORY STATUS FUNCTION**

##### 4.1 **INVENTORY STATUS**

This 'Status Menu' gives the user an option to select ten different status screens. They are the following:

1. Current Account/Location Status - This option displays a screen showing the centerwide accounts opened, their Open Date, and the number of items that

have been uploaded to the Bar Code File with another account and held until the centerwide account is processed.

The following screens will display, one main account per screen, with the following information:

- The Main Account Number/Location with an asterisk (\*) on the right if that Account/Location is being processed (working off discrepancies).
- Date Main Account/Location was opened.
- Date Main Account/Location was processed.
- The number of items in the Equipment File for this Account/Location.
- Number and value of items that match,
  - Correct Custodian Account Number/Location
  - Correct Equipment Location.
- Number and value of items that match,
  - Correct Custodian Account Number/Location.
  - Wrong Equipment Location.
- Number and value of items with an overage discrepancy.
- Number and value of items scanned where the Building Number entered was invalid.
- Number of items scanned for this account, but held because they belong to a centerwide or an attached sub-account.

- The number of items physically inventoried (scanned).
- The number and value of items with an underage discrepancy.
- The number and value of items previously in a different account that were held for this account to process.
- The number and value of items that are identified as out coded at the time the Account/Location was processed.
- Any sub-accounts attached to this main account.
- The sub-account's 'opened' or 'passed' \*Date.
- See 'Inventory Select' section.

User can repeat this option, view a selected Account/Location, or exit out to the Status Menu, at any point (see Figures 4.1 and 4.2).

2. Sub Account Status - This option will display the sub account information, only if a main account is open with sub-accounts attached to it. The following information will be displayed:

- Main account number.
- Attached sub-accounts (up to five sub-accounts).
- Number of items held for sub-accounts.

This option will repeat the screens until all the main accounts with sub-account attached are displayed (see Figure 4.3).

3. Account/Location History Status - This option displays the history of the triennial inventory cycle. The display screens are divided into three parts. The first screen will display the following information (see Figure 4.4):

- The date the inventory was opened.
- Total number of accounts/locations opened.
- Total number of accounts/locations opened but not processed.
- Total number of accounts/locations being processed.
- Total number of accounts/locations processed and closed.
- Total number of accounts/locations selected.

At this point the user has the option to view the detail history information by Custodian Account/Location or by date, or exit to the Main Status Menu. If the user wishes to see the detail history information, the following data will be displayed:

- The Custodian Account Number/Location.
- The date each main account/location was opened, processed, and closed along with the total number of items processed for each account/location.
- The last screen will display the total number of items processed.

(See Figures 4.5 and 4.6 of this document.)

4. Overage Items Status - This option will display items scanned under a main account/location but they do not belong to the scanned main account/location. Items might be overage because they are not found in the Equipment File or they belong to another account/location. The following information will be displayed on the screen:
  - Custodian Account Number/Location where items were found to be overages.
  - ECN.
  - Bar Code Flag indicating that the item was scanned or keyed by hand; if the item was idle or needed repair.
  - Account Number/Location to which the item actually belongs.
  - The date the item was physically scanned.
  - The ID of the person who scanned the items.
  - The ID (ECN) of the bar code scanner unit.
  - Building location where item was scanned.
  - Room location where item was scanned.
  - Total number of overage items for the account/location.

As overage discrepancies are corrected through the workoff transactions, they no longer appear on this screen; the total number of overages also changes (see figure 4.7).

5. Underage /items Status - This option will display the items not found during the physical scanning of the account/location, but that exist on the Equipment File. The following information will be displayed on the screen:
  - Custodian Account Number/Location.
  - ECN.

- The date the account/location was processed.
- Item name.
- Building location where item is supposed to be.
- Room location where item is supposed to be.
- Total number of underage items in this account/location.

As underage discrepancies are corrected through the workoff transactions they no longer appear on this screen; the total number of underages also changes (see figure 4.8).

6. Transaction Status By Custodian/Location - This option will display the status of all the discrepancies corrected through the workoff transactions for a given Custodian Account/Location. The following information will be displayed on the screen:

- Custodian Account Number/Location.
- Entry reference number.
- If a No Change Transaction (I34) was used to correct the discrepancy, the reason for using the No Change Transaction will be displayed as comments.
- Item name.
- Transaction number.
- ECN.
- The date the discrepancy was corrected.
- Total number of discrepancies corrected.

This status information is kept for the triennial inventory cycle (see figure 4.9).

7. Transaction Status By Transaction - This option will display the status of all the discrepancies corrected through a given transaction number. The following information will be displayed on the screen:

- Transaction number.
- Entry reference number.
- If a No Change Transaction (I34) was used to correct the discrepancy, the reason for using the no change transaction will be displayed as comments.
- Item name.

- Custodian Account Number/Location.
- ECN.
- The date the discrepancy was corrected.
- Total number of discrepancies corrected.

This status information is kept for the triennial inventory cycle (see figure 4.10).

8. View Local Data - This option will display the local data for a given ECN, which is stored in the Inventory Status File as a comment. (see figure 4.11).
9. ECN Status - This option will display the 'overage' and/or 'underage' status of a given ECN. The following information will be displayed on the screen (see figure 4.12):
  - ECN.
  - Overage and/or underage discrepancy.
  - Custodian Account Number/Location, under which the ECN is a discrepancy.
  - User ID.
  - The date account/location was opened.
  - The date account/location was processed.

### CURRENT INVENTORY STATUS SCREEN - 1

#### BY CUSTODIAN

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: MM/DD/YY
PROGRAM SSTCISP1	(INVENTORY SUBSYSTEM)	TIME: HH:MM:SS
	- INSTALLATION NAME -	
CURRENT INVENTORY STATUS SCREEN		
-----		
INVENTORY OPENED: YY/MM/DD		
CENTER-WIDE ACCOUNTS:	OPEN: YY/MM/DD	ITEMS HELD FOR ACCT:
	OPEN:	ITEMS HELD FOR ACCT:
-----		
ENTER ACCOUNT TO START DISPLAY FROM		
' ' TO CONTINUE OR 'X' TO EXIT: _____		

#### BY LOCATION

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: MM/DD/YY
PROGRAM SSTCISP2	(INVENTORY SUBSYSTEM)	TIME: HH:MM:SS
	- INSTALLATION NAME -	
CURRENT INVENTORY STATUS SCREEN		
-----		
INVENTORY OPENED: YY/MM/DD		
-----		
ENTER LOCATION TO START DISPLAY FROM		
' ' TO CONTINUE OR 'X' TO EXIT: _____		

Figure 4.1

**CURRENT INVENTORY STATUS SCREEN - 2**

**BY CUSTODIAN**

```

USER-ID: XXXXX      NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: MM/DD/YY
PROGRAM SSTCISP1    (INVENTORY SUBSYSTEM)                 TIME: HH:MM:SS
                  - INSTALLATION NAME -
                  CURRENT INVENTORY STATUS DISPLAY
1 GRIDT*          OPENED: YY/MM/DD   PROCESSED: YY/DD/DD ITEMS IN EQUIP:   XXX

                COUNT          AMOUNT          COUNT          AMOUNT
MATCHED, RIGHT LOC:  999      999,999.99 UNDER ( 999 ):  999      -999,999.99
MATCHED, WRONG LOC:  999      999,999.99 ITEMS OUT CODED :  9          .99
OVER ( 9 ):          9          .99
INVALID BUILDING :    9          .99
-----
ITEMS UPLOADED   :    999

                                                    (*=BEING PROCESSED)

ENTER NEW ACCT. , ' ' TO CONTINUE, OR 'X' TO EXIT: _____
  
```

**BY LOCATION**

```

USER-ID: XXXXX      NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: MM/DD/YY
PROGRAM SSTCISP2    (INVENTORY SUBSYSTEM)                 TIME: HH:MM:SS
                  - INSTALLATION NAME -
                  CURRENT INVENTORY STATUS DISPLAY
1 GRIDT*          OPENED: YY/MM/DD   PROCESSED: YY/MM/DD ITEMS IN EQUIP:   999

                COUNT          AMOUNT          COUNT          AMOUNT
MATCHED, RIGHT LOC:  999      999,999.99 UNDER ( 999 ):  999      -999,999.99
MATCHED, WRONG LOC:  999      999,999.99 ITEMS OUT CODED :  9          .99
OVER ( 9 ):          9          .99
INVALID BUILDING :    9          .99
-----
ITEMS UPLOADED   :    999

                                                    (*=BEING PROCESSED)

ENTER NEW LOC. , ' ' TO CONTINUE, OR 'X' TO EXIT: _____
  
```

**Figure 4.2**

### SUB ACCOUNTS STATUS SCREEN

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: MM/DD/YY
PROGRAM SSTSASP1	(INVENTORY SUBSYSTEM)	TIME: HH:MM:SS
	- INSTALLATION NAME -	
OPENED SUB ACCOUNT STATUS SCREEN		
MAIN ACCT	SUB ACCT	ITEMS SCANNED(IN HOLD)
-----	-----	-----
XXXXX	XXXXX	ZZZ9
	XXXXX	ZZZ9
XXXXX	XXXXX	ZZZ9
	XXXXX	ZZZ9

PRESS ENTER TO CONTINUE OR 'X' TO EXIT: \_\_\_\_\_

Figure 4.3

### INVENTORY HISTORY STATUS SCREEN - 1

#### BY CUSTODIAN

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: MM/DD/YY
PROGRAM SSTIHSP1	(INVENTORY SUBSYSTEM)	TIME: HH:MM:SS
	- INSTALLATION NAME -	

INVENTORY HISTORY SCREEN

---

INVENTORY OPENED: YY/MM/DD		
MAIN ACCOUNTS ON INVENTORY FILE	:	9
- OPENED BUT NOT PROCESSED	:	9
- BEING PROCESSED	:	9
MAIN ACCOUNTS, PROCESSED AND CLOSED	:	

---

TOTAL NUMBER OF CUSTODIAN ACCOUNTS SELECTED : 9

---

ENTER SELECTION OR 'X' TO EXIT: \_\_\_\_\_

1. INVENTORY HISTORY BY CUSTODIAN ACCT FROM ACCT: \_\_\_\_\_
2. INVENTORY HISTORY BY DATE FROM DATE (YY MM DD): \_\_ \_\_ \_\_

#### BY LOCATION

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: MM/DD/YY
PROGRAM SSTIHSP4	(INVENTORY SUBSYSTEM)	TIME: HH:MM:SS
	- INSTALLATION NAME -	

INVENTORY HISTORY SCREEN

---

INVENTORY OPENED: YY/MM/DD		
LOCATIONS ON INVENTORY FILE	:	9
- OPENED BUT NOT PROCESSED	:	9
- BEING PROCESSED	:	9
LOCATIONS, PROCESSED AND CLOSED	:	

---

TOTAL NUMBER OF LOCATIONS SELECTED : 9

---

ENTER SELECTION OR 'X' TO EXIT: \_\_\_\_\_

1. INVENTORY HISTORY BY LOCATION FROM LOCATION: \_\_\_\_\_
2. INVENTORY HISTORY BY DATE FROM DATE (YY MM DD): \_\_ \_\_ \_\_

Figure 4.4

**INVENTORY HISTORY STATUS SCREEN - 2**

**BY CUSTODIAN**

```

USER-ID: XXXXX      NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: DD/MM/YY
PROGRAM SSTIHSP2    (INVENTORY SUBSYSTEM)                TIME: HH:MM:SS
                  - INSTALLATION NAME -

      INVENTORY HISTORY SCREEN BY CUSTODIAN ACCOUNT

ACCT   OPEN   PROCESS   ITEMS   CLOSE
NUMBER DATE    DATE      PROCESSED DATE
-----
99999  YY/MM/DD  YY/MM/DD    999
99999  YY/MM/DD  YY/MM/DD   9999
          TOTAL ITEMS:  99,999

ENTER ' ' TO CONTINUE OR 'X' TO EXIT: _____
  
```

**BY LOCATION**

```

USER-ID: XXXXX      NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: MM/DD/YY
PROGRAM SSTIHSP5    (INVENTORY SUBSYSTEM)                TIME: HH:MM:SS
                  - INSTALLATION NAME -

      INVENTORY HISTORY SCREEN BY LOCATION

LOCATION   OPEN   PROCESS   ITEMS   CLOSE
          DATE    DATE      PROCESSED DATE
-----
GRIDT    YY/MM/DD  YY/MM/DD    999
GRIDU    YY/MM/DD  YY/MM/DD   9999
GRIDW    YY/MM/DD  YY/MM/DD   9999
GRID1    YY/MM/DD  YY/MM/DD   9999
GRID2    YY/MM/DD  YY/MM/DD   9999
GRID3    YY/MM/DD  YY/MM/DD   9999
GRID4    YY/MM/DD
          TOTAL ITEMS:  99,999

ENTER ' ' TO CONTINUE OR 'X' TO EXIT: _____
  
```

**Figure 4.5**

**INVENTORY HISTORY STATUS SCREEN - 3**

**BY CUSTODIAN**

```

USER-ID: XXXXX      NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: MM/DD/YY
PROGRAM SSTIHSP3    (INVENTORY SUBSYSTEM)                TIME: HH:MM:SS
                  - INSTALLATION NAME -

INVENTORY HISTORY SCREEN BY DATE

ACCT      OPEN      PROCESS      ITEMS      CLOSE
NUMBER    DATE        DATE         PROCESSED   DATE
-----    -
99999    YY/MM/DD    YY/MM/DD     9999
99999    YY/MM/DD    YY/MM/DD     999
99999    YY/MM/DD    YY/MM/DD     9999
TOTAL ITEMS: 99,999

ENTER ' ' TO CONTINUE OR 'X' TO EXIT: _____
  
```

**BY LOCATION**

```

USER-ID: XXXXX      NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: MM/DD/YY
PROGRAM SSTIHSP6    (INVENTORY SUBSYSTEM)                TIME: HH:MM:SS
                  - INSTALLATION NAME -

INVENTORY HISTORY SCREEN BY DATE

LOCATION    OPEN      PROCESS      ITEMS      CLOSE
          DATE        DATE         PROCESSED   DATE
-----    -
GRIDU     YY/MM/DD    YY/MM/DD     9999
GRIDT     YY/MM/DD    YY/MM/DD     999
GRID1     YY/MM/DD    YY/MM/DD     9999
GRID2     YY/MM/DD    YY/MM/DD     9999
GRIDW     YY/MM/DD    YY/MM/DD     9999
GRID3     YY/MM/DD    YY/MM/DD     9999
GRID4     YY/MM/DD
TOTAL ITEMS: 99,999

ENTER ' ' TO CONTINUE OR 'X' TO EXIT: _____
  
```

**Figure 4.6**

**OVERAGE ITEMS DISPLAY SCREEN**

**BY CUSTODIAN**

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: MM/DD/YY					
PROGRAM SSTOIDP1	(INVENTORY SUBSYSTEM)	TIME: HH:MM:SS					
	- INSTALLATION NAME -						
BAR CODE OVERAGE ITEMS FOR CUSTODIAN ACCOUNT: XXXXX							
ECN	FLAG	ACCOUNT ASSIGNED	DATE INVENTORIED	BAR CODE OPERATOR	BAR CODE UNIT ID	SCANNED BLDG	SCANNED ROOM
G999999	*	NONE	YY/MM/DD	LWA	9999999	9999	999
G999999		NONE	YY/MM/DD	LWA	9999999	9999	999
G999999		NONE	YY/MM/DD	LWA	9999999	9999	999
G999999	*	NONE	YY/MM/DD	LWA	9999999	9999	99A
G999999	*	NONE	YY/MM/DD	KYM	9999999	9999	HALL
0999999	*	NONE	YY/MM/DD	KYM	9999999	9999	999
0999999	*	NONE	YY/MM/DD	LWA	9999999	9999	999
ENTER NEW ACCOUNT, ' ' TO CONTINUE, OR 'X' TO EXIT: _____							

**BY LOCATION**

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: MM/DD/YY					
PROGRAM SSTOIDP2	(INVENTORY SUBSYSTEM)	TIME: HH:MM:SS					
	- INSTALLATION NAME -						
BAR CODE OVERAGE ITEMS FOR LOCATION: GRIDU							
ECN	FLAG	LOCATION ASSIGNED	DATE INVENTORIED	BAR CODE OPERATOR	BAR CODE UNIT ID	SCANNED BLDG	SCANNED ROOM
XXXXXXX	*	NONE	YY/MM/DD	XXX	9999999	9999	999
XXXXXXX		NONE	YY/MM/DD	XXX	9999999	9999	999
XXXXXXX		NONE	YY/MM/DD	XXX	9999999	9999	999
XXXXXXX	*	NONE	YY/MM/DD	XXX	9999999	9999	99A
XXXXXXX	*	NONE	YY/MM/DD	XXX	9999999	9999	HALL
XXXXXXX	*	NONE	YY/MM/DD	XXX	9999999	9999	999
XXXXXXX	*	NONE	YY/MM/DD	XXX	9999999	9999	999
ENTER NEW LOCATION, ' ' TO CONTINUE, OR 'X' TO EXIT: _____							

Figure 4.7

**UNDERAGE ITEMS DISPLAY SCREEN**

**BY CUSTODIAN**

```

USER-ID: XXXXX      NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: MM/DD/YY
PROGRAM SSTUIDP1    (INVENTORY SUBSYSTEM)                 TIME: HH:MM:SS
                  - INSTALLATION NAME -

                INVENTORY UNDERAGE ITEMS FOR CUSTODIAN ACCOUNT: XXXXX

  ECN      DATE      ITEM-NAME      ASSIGNED      ASSIGNED
  -----  PROCESSED  -----  BLDG      ROOM
XXXXXXXX  YY/MM/DD  MODEM COMMUNICATION COMPUTER  9999      6-N
XXXXXXXX  YY/MM/DD  AIR CONDITIONER                9999      MI
XXXXXXXX  YY/MM/DD  INDICATOR, CARBON MONOXIDE     9999      PMRM
XXXXXXXX  YY/MM/DD  AIR CONDITIONER                9999      MI
XXXXXXXX  YY/MM/DD  TYPEWRITER                     9999      01
XXXXXXXX  YY/MM/DD  WELDING MACHINE ARC            9999      HI BAY
XXXXXXXX  YY/MM/DD  SHEET FEEDER, PRINTER          9999      OFFICE

  ENTER NEW ACCOUNT, ' ' TO CONTINUE, OR 'X' TO EXIT: _____
  
```

**BY LOCATION**

```

USER-ID: XXXXX      NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: MM/DD/YY
PROGRAM SSTUIDP2    (INVENTORY SUBSYSTEM)                 TIME: HH:MM:SS
                  - INSTALLATION NAME -

                INVENTORY UNDERAGE ITEMS FOR LOCATION: GRIDU

  ECN      DATE      ITEM-NAME      ASSIGNED      ASSIGNED
  -----  PROCESSED  -----  BLDG      ROOM
99999999  YY/MM/DD  MODEM COMMUNICATION COMPUTER  9999      6-N
99999999  YY/MM/DD  AIR CONDITIONER                9999      MI
99999999  YY/MM/DD  INDICATOR, CARBON MONOXIDE     9999      PMRM
99999999  YY/MM/DD  AIR CONDITIONER                9999      MI
99999999  YY/MM/DD  TYPEWRITER                     9999      01
99999999  YY/MM/DD  WELDING MACHINE ARC            9999      HI BAY
99999999  YY/MM/DD  SHEET FEEDER, PRINTER          9999      OFFICE

  ENTER NEW LOCATION, ' ' TO CONTINUE, OR 'X' TO EXIT: _____
  
```

**Figure 4.8**

**TRANSACTION STATUS DISPLAY SCREEN BY CUSTODIAN**

**BY CUSTODIAN**

USER-ID: XXXXX PROGRAM SSTTSCP1	NASA EQUIPMENT MANAGEMENT SYSTEM (INVENTORY SUBSYSTEM) - INSTALLATION NAME -	DATE: MM/DD/YY TIME: HH:MM:SS			
TRANSACTION STATUS OF CUSTODIAN: XXXXX					
ENTRY REF NO	COMMENTS	ITEM NAME	TRANS NO	ECN	DATE PROC' D
-----	-----	-----	-----	-----	-----
999999999	INTRACENTER	PRINTER, ADP	I 04	9999999	YY/MM/DD
999999999	INTRACENTER	PRINTER, ADP	I 04	9999999	YY/MM/DD
999999999		CYLINDER STORAGE LIQUID OXYGEN	I 14	9999999	YY/MM/DD
999999999		TRAILER, PERSONNEL	I 14	9999999	YY/MM/DD
999999999		TRANSPORT, MAGNETIC TAPE	I 19	9999999	YY/MM/DD
999999999		COMPUTER, MICRO	I 19	9999999	YY/MM/DD
ENTER NEW ACCOUNT, ' ' TO CONTINUE, OR 'X' TO EXIT: _____					

**BY LOCATION**

USER-ID: XXXXX PROGRAM SSTTSCP2	NASA EQUIPMENT MANAGEMENT SYSTEM (INVENTORY SUBSYSTEM) - INSTALLATION NAME -	DATE: MM/DD/YY TIME: HH:MM:SS			
TRANSACTION STATUS OF LOCATION: GRIDU					
ENTRY REF NO	COMMENTS	ITEM NAME	TRANS NO	ECN	DATE PROC' D
-----	-----	-----	-----	-----	-----
999999999	INTRACENTER	PRINTER, ADP	I 04	9999999	YY/MM/DD
999999999	INTRACENTER	PRINTER, ADP	I 04	9999999	YY/MM/DD
999999999		CYLINDER STORAGE LIQUID OXYGEN	I 14	9999999	YY/MM/DD
999999999		TRAILER, PERSONNEL	I 14	9999999	YY/MM/DD
999999999		TRANSPORT, MAGNETIC TAPE	I 19	9999999	YY/MM/DD
999999999		COMPUTER, MICRO	I 19	9999999	YY/MM/DD
ENTER NEW LOCATION, ' ' TO CONTINUE, OR 'X' TO EXIT: _____					

Figure 4.9

**TRANSACTION STATUS DISPLAY BY TRANSACTION NUMBER**

**BY CUSTODIAN**

USER-ID: XXXXX PROGRAM SSTTSTP1	NASA EQUIPMENT MANAGEMENT SYSTEM (INVENTORY SUBSYSTEM) - INSTALLATION NAME -	DATE: MM/DD/YY TIME: HH:MM:SS			
STATUS OF TRANSACTION: I 14					
ENTRY REF NO	COMMENTS	ITEM NAME	CUST ACCT	ECN	DATE PROC' D
999999999		CYLINDER STORAGE LIQUID OXYGEN	99999	9999999	YY/MM/DD
999999999		TRAILER, PERSONNEL	99999	9999999	YY/MM/DD
999999999		MODEL, GALILEO	99999	9999999	YY/MM/DD
999999999	99999999999}	DISPLAY UNIT	99999	9999999	YY/MM/DD
999999999	99999999999}	DISPLAY UNIT	99999	9999999	YY/MM/DD
999999999		DISPLAY UNIT	99999	9999999	YY/MM/DD
999999999		DISPLAY UNIT	99999	9999999	YY/MM/DD
999999999		COMPUTER, MICRO	99999	9999999	YY/MM/DD
ENTER NEW TRANS NO. , ' ' TO CONTINUE, OR 'X' TO EXIT: _____					

**BY LOCATION**

USER-ID: XXXXX PROGRAM SSTTSTP1	NASA EQUIPMENT MANAGEMENT SYSTEM (INVENTORY SUBSYSTEM) - INSTALLATION NAME -	DATE: MM/DD/YY TIME: HH:MM:SS			
STATUS OF TRANSACTION: I 14					
ENTRY REF NO	COMMENTS	ITEM NAME	LOC	ECN	DATE PROC' D
999999999		CYLINDER STORAGE LIQUID OXYGEN	GRIDU	9999999	YY/MM/DD
999999999		TRAILER, PERSONNEL	GRIDU	9999999	YY/MM/DD
999999999		MODEL, GALILEO	GRID2	9999999	YY/MM/DD
999999999	99999999999}	DISPLAY UNIT	GRIDW	9999999	YY/MM/DD
999999999	99999999999}	DISPLAY UNIT	GRID1	9999999	YY/MM/DD
999999999		DISPLAY UNIT	GRID1	9999999	YY/MM/DD
999999999		COMPUTER, MICRO	GRID1	9999999	YY/MM/DD
ENTER NEW TRANS NO. , ' ' TO CONTINUE, OR 'X' TO EXIT: _____					

**Figure 4.10**

**DISPLAY LOCAL DATA FIELD BY ECN**

<b>USER-ID: XXXXX</b>	<b>NASA EQUIPMENT MANAGEMENT SYSTEM</b>	<b>DATE: MM/DD/YY</b>
<b>PROGRAM SSTVLDP1</b>	<b>(INVENTORY SUBSYSTEM)</b>	<b>TIME: HH:MM:SS</b>
	<b>- INSTALLATION NAME -</b>	
	<b>LOCAL DATA FOR INVENTORY DISPLAY</b>	
	<b>LOCAL DATA FOR ECN: 1722998</b>	
-----		
<b>999999999</b>	<b>9999999999}</b>	
 <b>ENTER NEW ECN OR 'X' TO EXIT: _____</b>		

**Figure 4.11**

## DISPLAY ECN STATUS

### BY CUSTODIAN

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: MM/DD/YY
PROGRAM SSTECP1	(INVENTORY SUBSYSTEM)	TIME: HH:MM:SS
	- INSTALLATION NAME -	

INVENTORY STATUS FOR ECN: X999999

OVERAGE	UNDERAGE
CUSTODIAN ACCT: XXXXX	CUSTODIAN ACCT: XXXXX
USER-ID: XXXXXXXX	USER-ID: XXXXXXXX
DATE OPENED: YY/MM/DD	DATE OPENED: YY/MM/DD
DATE PROCESSED: YY/MM/DD	DATE PROCESSED: YY/MM/DD
ECN IS NOT AN OVERAGE	ECN IS NOT AN UNDERAGE

ENTER ' ' TO CONTINUE, NEW ECN, OR 'X' TO EXIT: \_\_\_\_\_

### BY LOCATION

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: MM/DD/YY
PROGRAM SSTECP1	(INVENTORY SUBSYSTEM)	TIME: HH:MM:SS
	- INSTALLATION NAME -	

INVENTORY STATUS FOR ECN: X999999

OVERAGE	UNDERAGE
GRID LOCATION: XXXXX	GRID LOCATION: XXXXX
USER-ID: XXXXXXXX	USER-ID: XXXXXXXX
DATE OPENED: YY/MM/DD	DATE OPENED: YY/MM/DD
DATE PROCESSED: YY/MM/DD	DATE PROCESSED: YY/MM/DD
ECN IS NOT AN OVERAGE	ECN IS NOT AN UNDERAGE

ENTER ' ' TO CONTINUE, NEW ECN, OR 'X' TO EXIT: \_\_\_\_\_

Figure 4.12

## 5. INVENTORY TRANSACTIONS FUNCTION

### 5.1 INVENTORY TRANSACTIONS

The NEMS Inventory Transactions Option is designed to allow the user to work-off the overage, underage and equipment location discrepancies through additions, changes deletions, and no changes to the NEMS Equipment File and updates to the Inventory, Bar Code, and Status files in an online environment.

Currently, 45 different transactions (13 add transactions, 14 change transactions, 15 delete transactions, and 3 transactions for no change) are specified. They are used to process various update activities. Each transaction has a formatted screen to collect and edit the information for that activity.

These transactions are grouped conceptually into 4 categories of transactions: transactions to work-off overage discrepancies, transactions to work-off underage discrepancies, transactions to work-off overage or underage discrepancies and transactions to work-off equipment location discrepancies. A transaction to remove the overage or underage discrepancy flag from the Inventory and Bar Code files without updating the Equipment File also exists. The Inventory Discrepancy Work-Off Function is arranged to process each of the four (4) transaction categories separately. If the 'Transaction' Option (4) on the Inventory Main Menu screen is selected, then the system brings up the Inventory Transaction Menu screen which directs you to select one of four transaction categories (Add, Change, Delete, or No Change). If an option is selected, the processing branches to the selected category of transactions until all processing is completed.

Each of the 45 transactions are numbered with an 'I' as a prefix to distinguish between the regular NEMS transactions and the inventory transactions.

### 5.2 INVENTORY ADD TRANSACTION

Currently 13 different add transactions are processed for working off the 'overage' discrepancies and some 'underage' discrepancies. The transactions are numbered I04 through I21. The inventory add transactions are similar to the NEMS add transactions. Since the Equipment File is updated online by using the online edit update program, each of the 13 transactions is supported by a separate program.

Transaction numbers, transactions and supporting programs for add processing are as follows:

<u>Trans. No..</u>	<u>Add Transaction</u>	<u>Programs</u>
I04	Receipt By Transfer-From NASA Installation	TRNI04P1
I06	Receipt By Transfer-From Contractor	TRNI06P1
I08	Receipt From Lease In	TRNI08P1
I09	Receipt From Loan In	TRNI09P1

I10	Receipt From Fabrication	TRNI10P1
I11	Receipt From Assembly/Disassembly	TRNI11P1
I12	Receipt From Found On Station	TRNI12P1
I13	Receipt From Excess	TRNI13P1
I14	Receipt From Retagging	TRNI14P1 TRNI14P2
I15	Receipt From Return Of Record From Historical File	TRNI15P1
I18	Receipt From Not Previously Meeting Criteria for Tagging	TRNI18P1
I19	Receipt From Reinstating Item Previously Surveyed	TRNI19P1
I20	Receipt From Borrow In	TRNI20P1
I21	Receipt Resulting From Conversion Of Lease to Purchase	TRNI21P1

### 5.3 INVENTORY CHANGE TRANSACTIONS

Currently 14 different change transactions are processed to resolve the 'overage' and 'underage' discrepancies. The transactions are numbered I26 through I64, except for I32 through I34. The change transactions are also similar to the NEMS change transactions.

Transaction numbers and supporting programs for change transactions are as follows:

<u>Trans. No.</u>	<u>Change Transaction</u>	<u>Programs</u>
I26	Custodian Account Change	TRNI26P1
I29	Equipment Location Change	TRNI29P1
I38	Borrowed Out	TRNI38P1
I39	Borrowed Out Returned	TRNI39P1
I40	Loan/Lease Out	TRNI40P1
I41	Loan/Lease Out-Returned	TRNI41P1
I42	Loan Pool Out	TRNI42P1
I43	Loan Pool Out-Returned	TRNI43P1
I44	Storage In	TRNI44P1

I45	Storage In-Returned	TRNI45P1
I52	Excess Equipment Turn-In By Custodian	TRNI52P1
I56	Repair Update	TRNI56P1
I57	Off-Site For Repair	TRNI57P1
I64	Local Data Update	TRNI64P1

#### 5.4 INVENTORY DELETE TRANSACTIONS

Currently 15 different delete transactions are processed to resolve the 'underage' discrepancies. The transactions are numbered I65 through I87. The delete transactions of Inventory are similar to the NEMS delete transactions.

The transaction numbers and supporting programs for delete transactions are as follows:

<u>Trans. No.</u>	<u>Delete Transaction</u>	<u>Programs</u>
I65	Transfer To Another NASA Installation	TRNI65P1
I66	Transfer To Other Government Agency	TRNI66P1
I67	Transfer Of GFE To A Contractor	TRNI67P1
I69	Lease In-Returned	TRNI69P1
I70	Loan In-Returned	TRNI70P1
I71	Survey (Missing Equipment)	TRNI71P1
I72	Decontrol (Removal Of Tag)	TRNI72P1
I73	Deletes Resulting From Assembly/Disassembly	TRNI73P1
I74	Delete From Retag	TRNI74P1
I75	Borrow In Returned	TRNI75P1
I80	Disposal Of NASA Held Equipment (Condition Code More Than 7) By Custodian	TRNI80P1
I81	Disposal Of NASA Held Equipment By NEMS Reutilization Coordinator	TRNI81P1
I85	Delete Resulting From Trade-In	TRNI85P1
I86	Transfer To Real Property	TRNI86P1

187	Delete From Conversion Of Lease To Purchase	TRNI87P1
190	Disposal Of Equipment	TRNI90P1

**5.5 INVENTORY NO CHANGE TRANSACTIONS**

Currently 3 different 'no change' transactions are processed to resolve 'overage' and 'underage' discrepancies. These transactions are numbered I32 through I34. The no change transactions are special transactions. They do not update the Equipment File. Only the discrepancy flags are removed from the Inventory and Bar Code files. The 'no change' transactions are used when an item has NEMS transactions pending at the time of inventory and appears as a missing item on the Inventory File, or when an item is in the process of going out on loan, repair, or calibration. Such discrepancies are processed through the inventory 'no change' transactions.

The transaction numbers and supporting program names for the 'no change' transactions are as follows:

<u>Trans. No.</u>	<u>No Change Transactions</u>	<u>Programs</u>
I32	Other Center-Transfer Requested	TRNI32P1
I33	Contractor-Transfer Requested	TRNI33P1
I34	Inventory Update-No Change To Equipment File	TRNI34P1

**6. INVENTORY REPORTS FUNCTION**

**6.1 REPORT SELECTION OPTIONS**

Report generating functions of the report selection function are fulfilled through online processing and batch processing. The process of scheduling or requesting reports is performed through the online portion of processing which is carried out usually in the day, and the process of Job Control Language (JCL) generation and execution of jobs for reports is performed through the batch portion of processing which is run at night.

The report selection function allows the user to control the processing of inventory reports.

The Inventory Report Selection Menu screen displays 3 options. They are:

- (1) Select On-Request Reports
- (2) Alter Currently Scheduled Jobs
- (3) Change Standard Report Distribution

- (1) Select On-Request Reports

Please refer to NEMS Operations Guide.

(2) Alter Currently Scheduled Reports

Please refer to NEMS Operations Guide.

(3) Change Standard Report Distribution

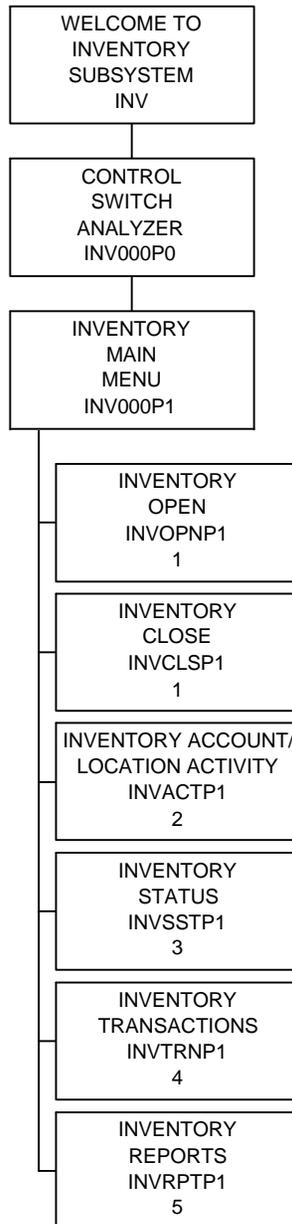
Please refer to NEMS Operations Guide.

## APPENDIX A - ACRONYMS

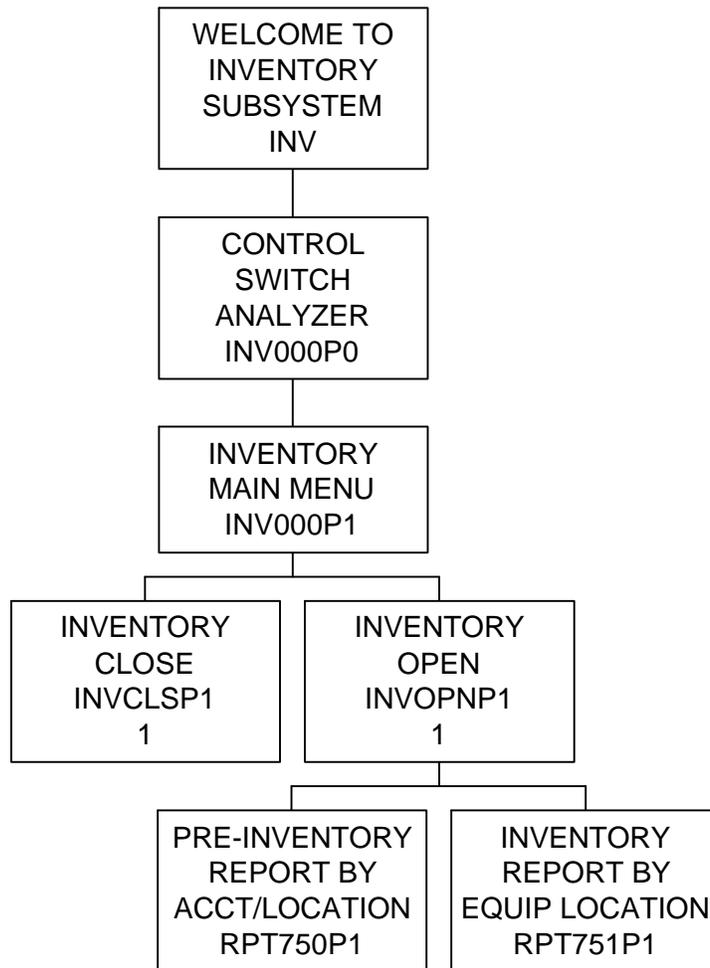
<b>ADABAS</b>	Adaptable Data Base
<b>ADP</b>	Automated Data Processing
<b>DBA</b>	Data Base Administrator
<b>DBMS</b>	Data Base Management System
<b>ECN</b>	Equipment Control Number
<b>ID</b>	Identification
<b>ISN</b>	Internal System Numbers
<b>JCL</b>	Job Control Language
<b>NASA</b>	National Aeronautics and Space Administration
<b>NEMS</b>	NASA Equipment Management System
<b>PBCR</b>	Portable Bar Code Reader
<b>PC</b>	Personal Computer
<b>USERID</b>	User Identification

APPENDIX B - NEMS INVENTORY SUBSYSTEM SYSTEM FLOWCHARTS

# NEMS Inventory Subsystem

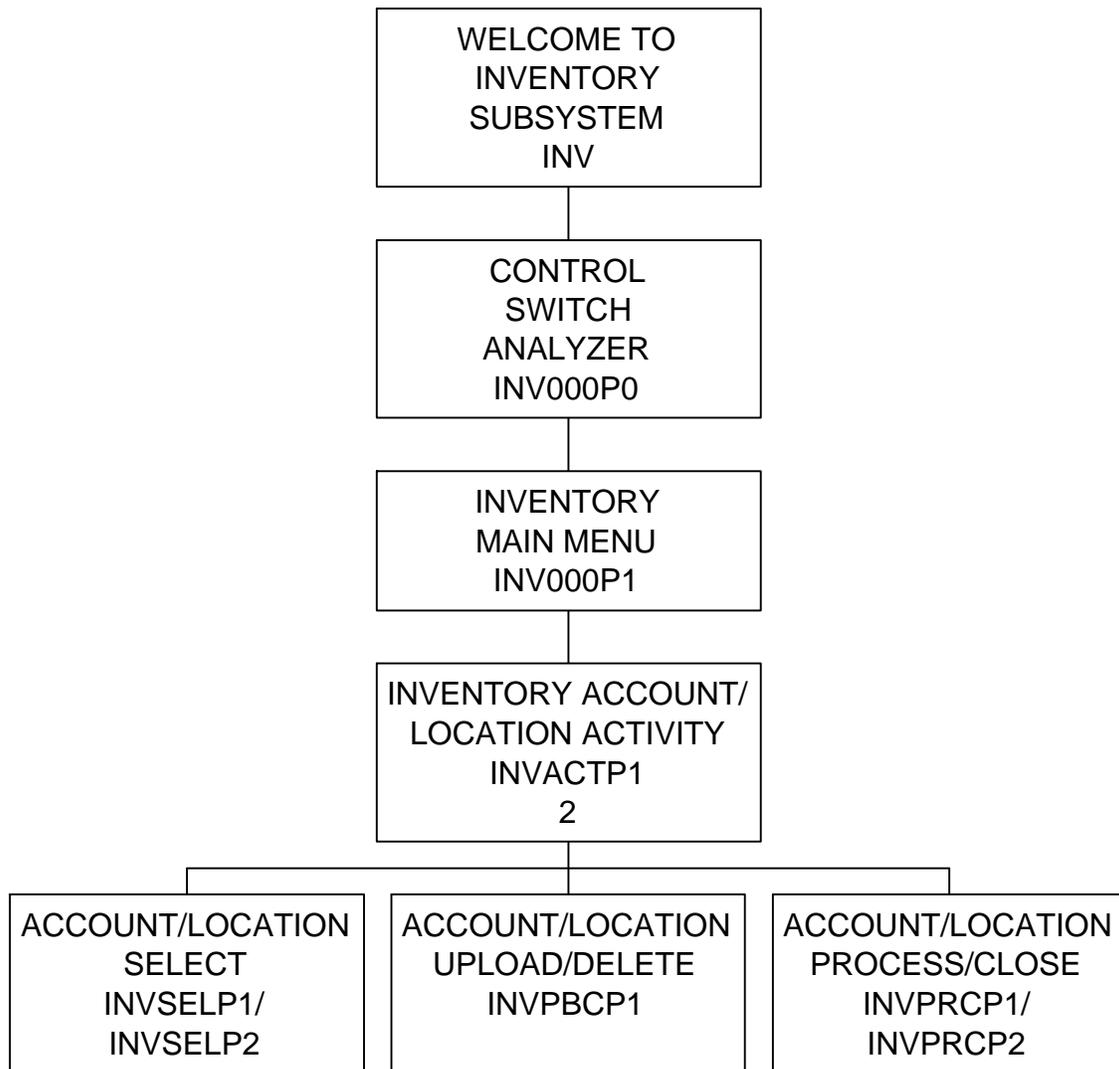


# NEMS Inventory Subsystem

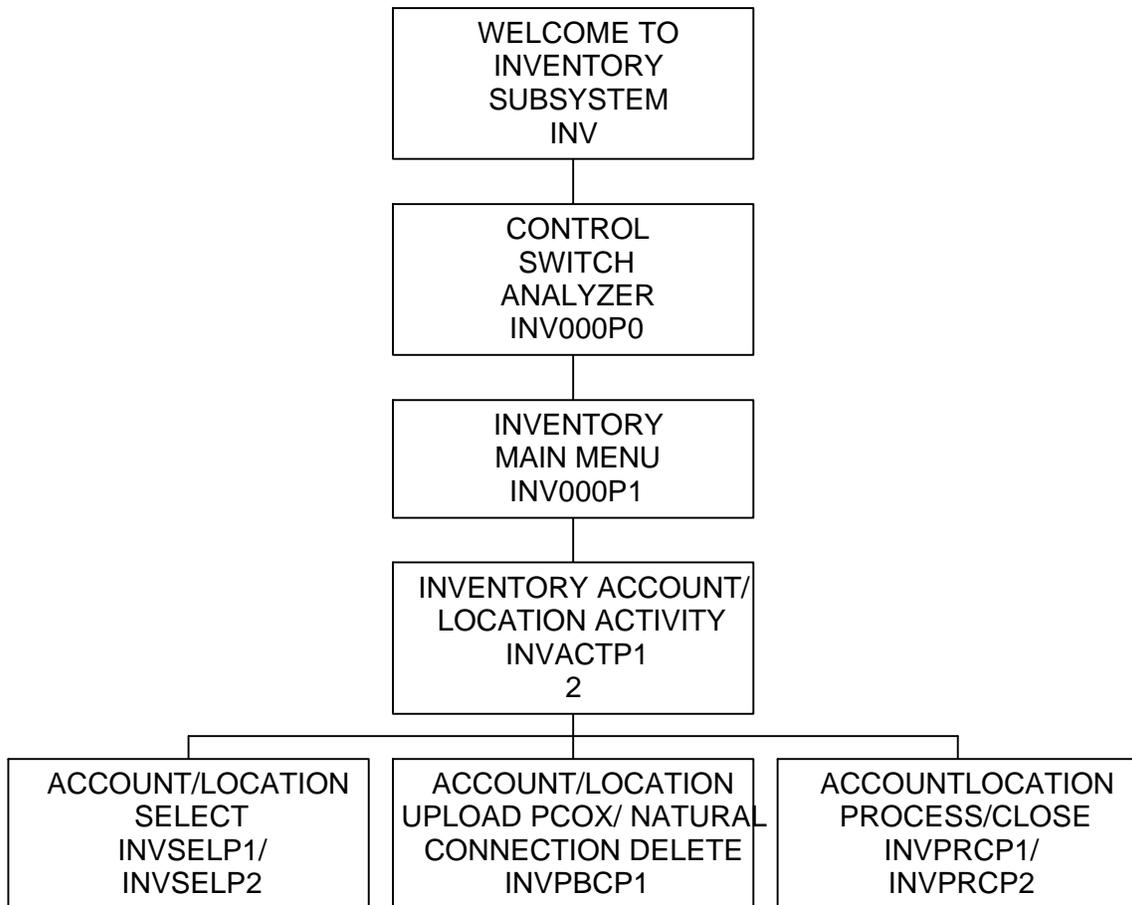


BATCH

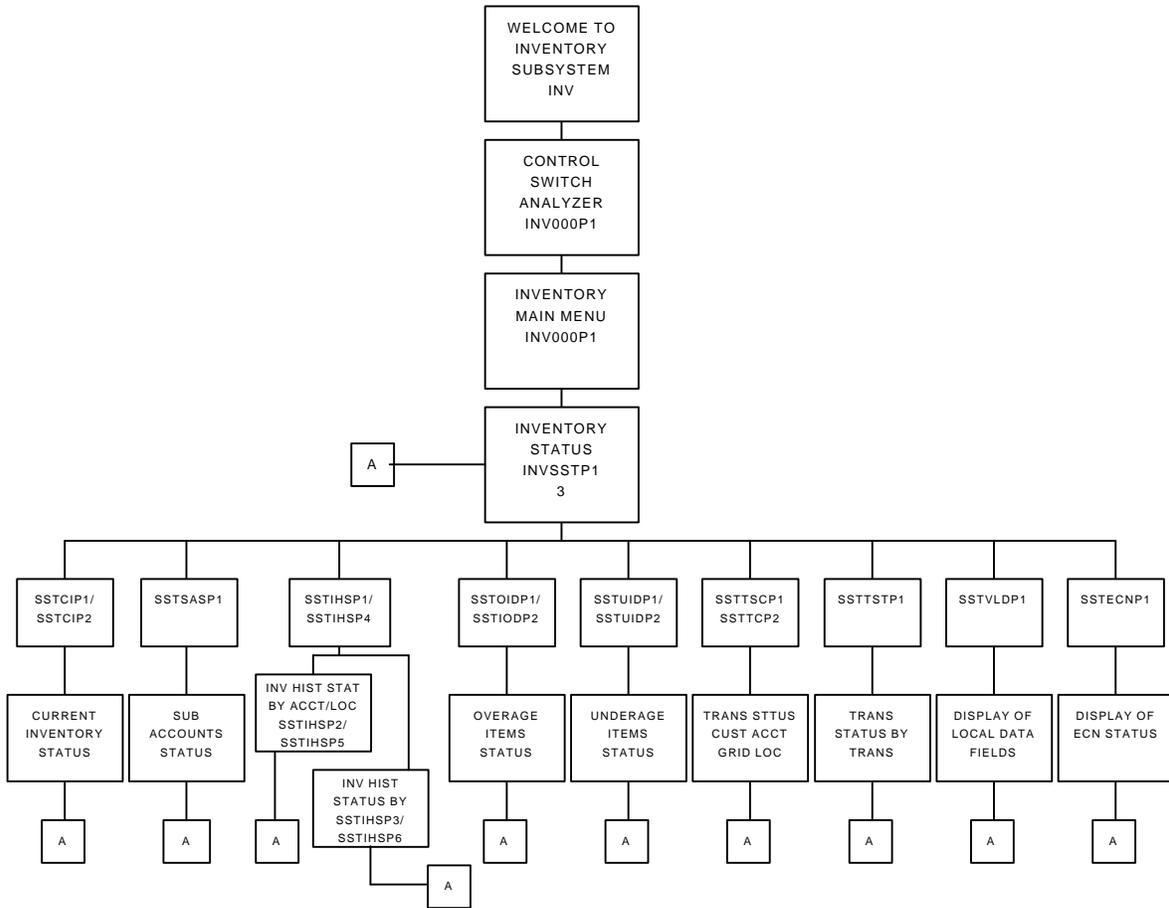
# NEMS Inventory Subsystem



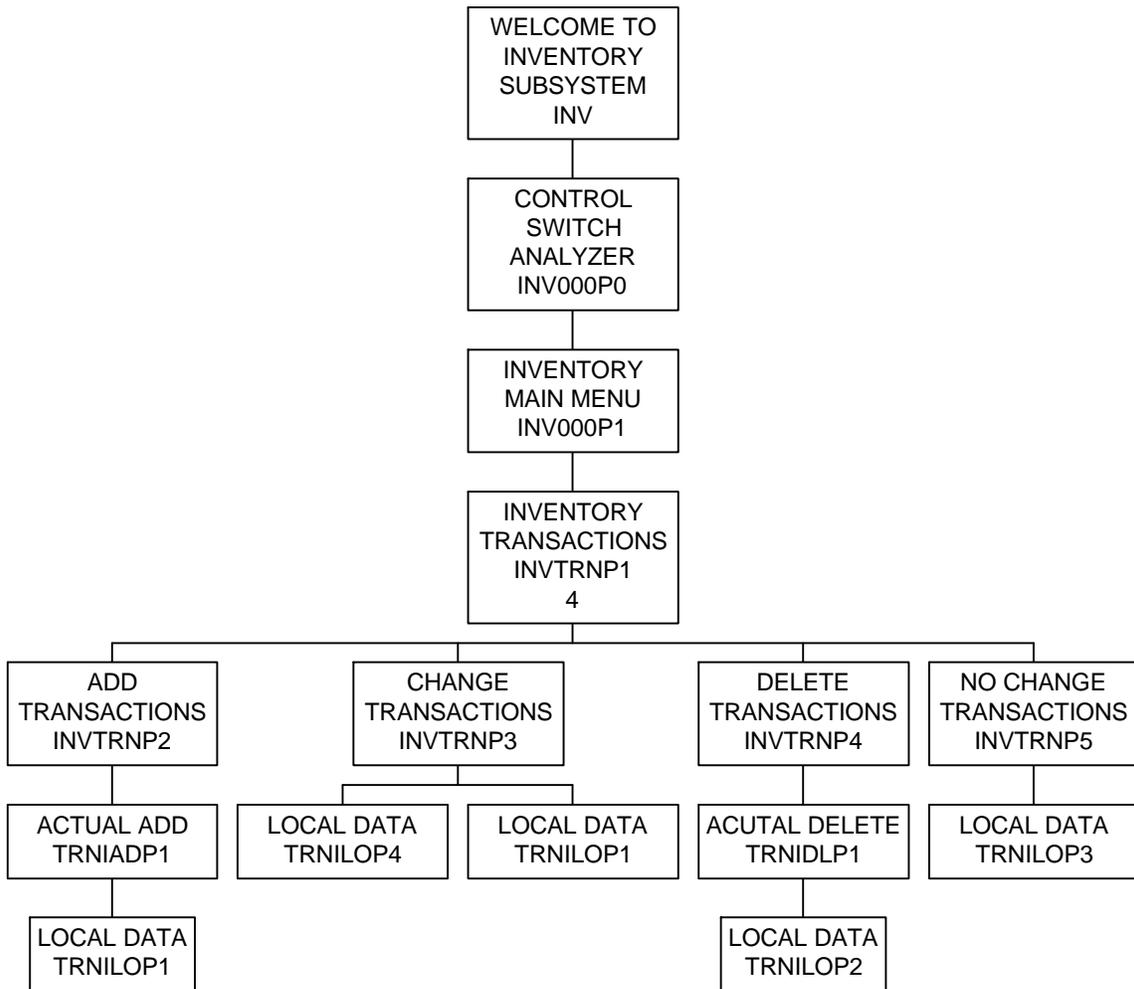
# NEMS Inventory Subsystem



# NEMS Inventory Subsystem



# NEMS Inventory Subsystem



**INVENTORY ADD TRANSACTIONS**

TRNI04P1	RECEIPT BY TRANSFER - FROM NASA INSTALLATION
TRNI06P1	RECEIPT BY TRANSFER - FROM CONTRACTOR
TRNI08P1	RECEIPT FROM LEASE IN
TRNI09P1	RECEIPT FROM LOAN IN
TRNI10P1	RECEIPT FROM FABRICATION
TRNI11P1	RECEIPT FROM ASSEMBLY/DISASSEMBLY
TRNI12P1	RECEIPT FROM FOUND ON STATION
TRNI13P1	RECEIPT FROM EXCESS
TRNI14P1,2	RECEIPT FROM RETAGGING
TRNI15P1	RECEIPT FROM RETURN OF RECORD FROM HISTORICAL FILE
TRNI18P1	RECEIPT FROM NOT PREVIOUSLY MEETING CRITERIA FOR TAGGING
TRNI19P1	RECEIPT FROM REINSTATING ITEM PREVIOUSLY SURVEYED
TRNI20P1	RECEIPT FROM BORROW IN
TRNI21P1	RECEIPT RESULTING FROM CONVERSION OF LEASE TO PURCHASE

**INVENTORY CHANGE TRANSACTIONS**

TRNI26P1	CUSTODIAN ACCOUNT CHANGE
TRNI29P1	EQUIPMENT LOCATION CHANGE
TRNI38P1	BORROWED OUT
TRNI39P1	BORROWED OUT RETURNED
TRNI40P1	LOAN/LEASE OUT
TRNI41P1	LOAN/LEASE OUT RETURNED
TRNI42P1	LOAN POOL OUT
TRNI43P1	LOAN POOL OUT RETURNED
TRNI44P1	STORAGE IN
TRNI45P1	STORAGE IN - RETURNED

TRNI52P1      EXCESS EQUIPMENT TURN-IN BY CUSTODIAN  
TRNI56P1      REPAIR UPDATE  
TRNI57P1      OFF-SITE FOR REPAIR  
TRNI64P1      LOCAL DATA CHANGE

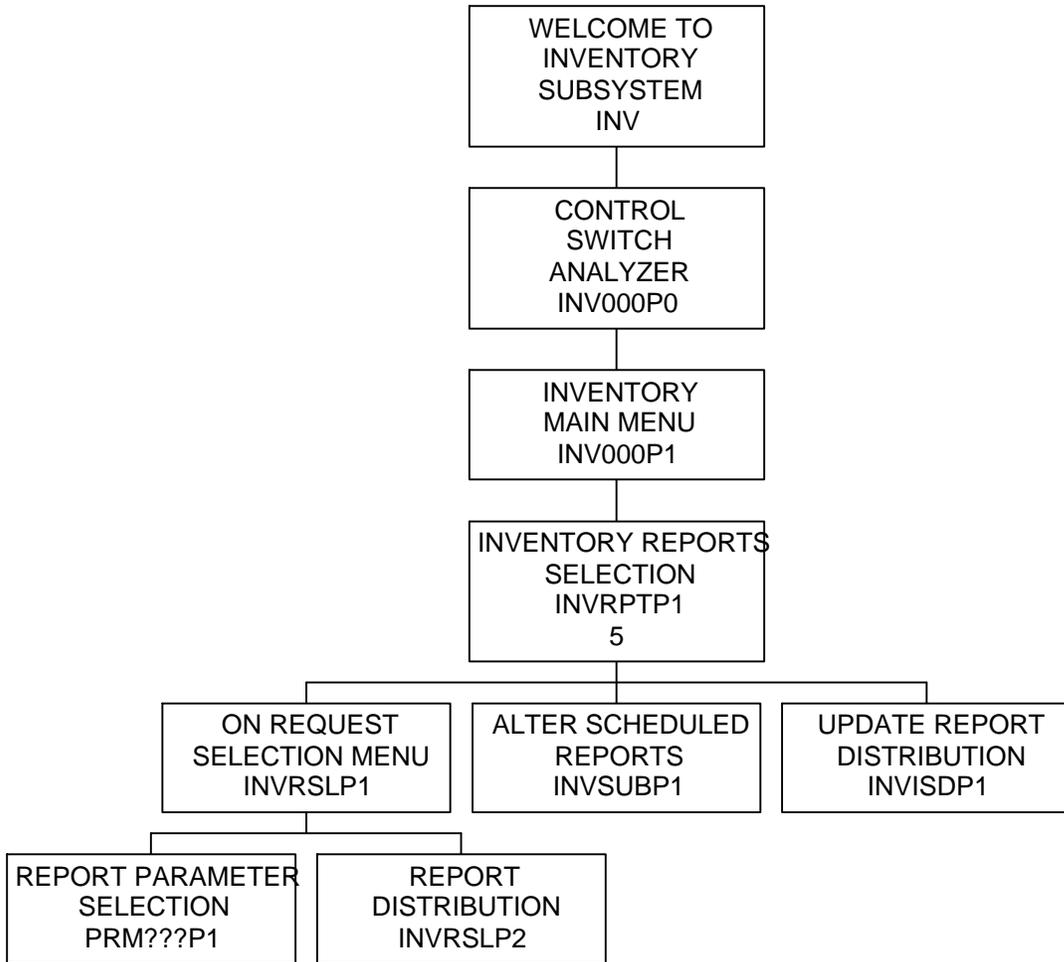
**INVENTORY DELETE TRANSACTIONS**

TRNI65P1      TRANSFER TO ANOTHER NASA INSTALLATION  
TRNI66P1      TRANSFER TO ANOTHER GOV'T. AGENCY  
TRNI67P1      TRANSFER OF GFE TO A CONTRACTOR  
TRNI69P1      LEASE IN - RETURNED  
TRNI70P1      LOAN IN - RETURNED  
TRNI71P1      SURVEY (MISSING EQUIPMENT)  
TRNI72P1      DECONTROL (REMOVAL OF TAG)  
TRNI73P1      DELETES RESULTING FROM ASSM/DISASSM  
TRNI74P1      DELETE FROM RETAG  
TRNI75P1      BORROW IN RETURNED  
TRNI80P1      DISPOSAL OF NASA HELD EQUIPT BY CUST  
TRNI81P1      DISPOSAL OF NASA HELD EQUIP BY EVS  
TRNI85P1      DELETE FROM TRADE-IN  
TRNI86P1      TRANSFER TO REAL PROPERTY  
TRNI87P1      DELETE RESULTING FROM CONVERSION OF LEASE TO PURCHASE  
TRNI90P1      DISPOSAL OF EQUIPMENT

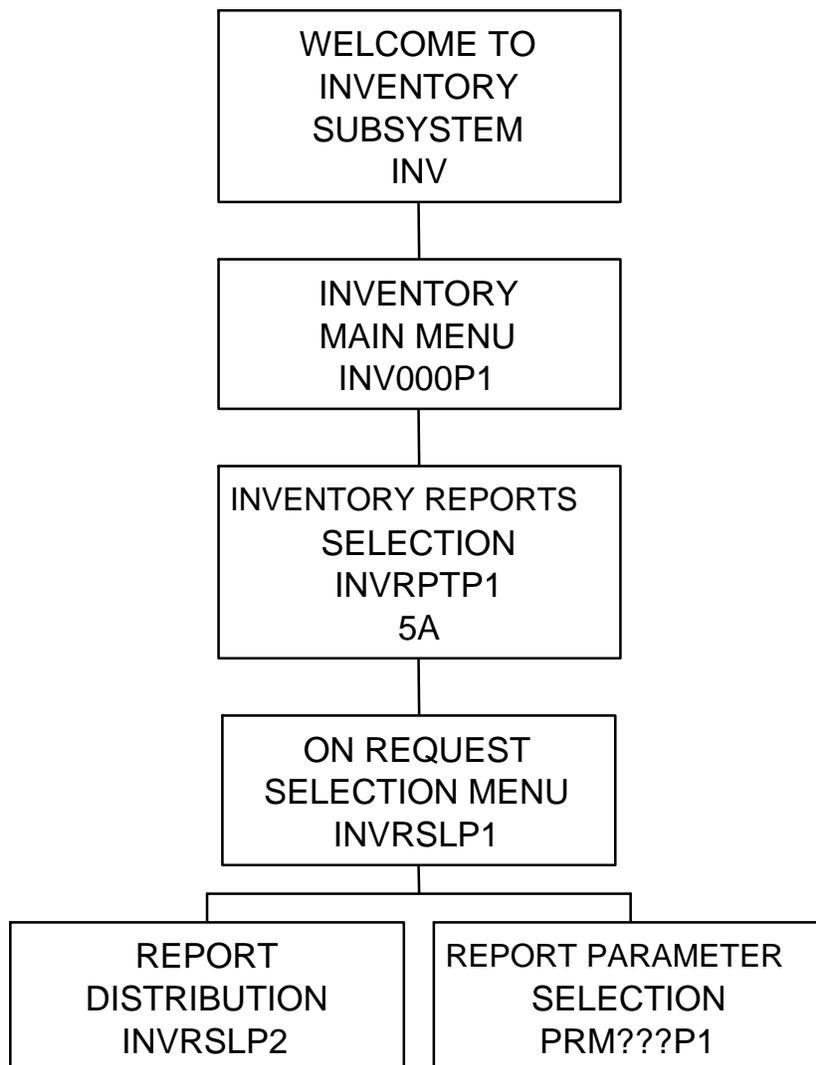
**INVENTORY NO CHANGE TRANSACTION**

TRNI32P1      OTHER CENTER - TRANSFER REQUEST  
TRNI33P1      CONTRACTOR - TRANSFER REQUESTED  
TRNI34P1      INVENTORY UPDATE - NO EQUIP CHANGE

# NEMS Inventory Subsystem



# NEMS Inventory Subsystem

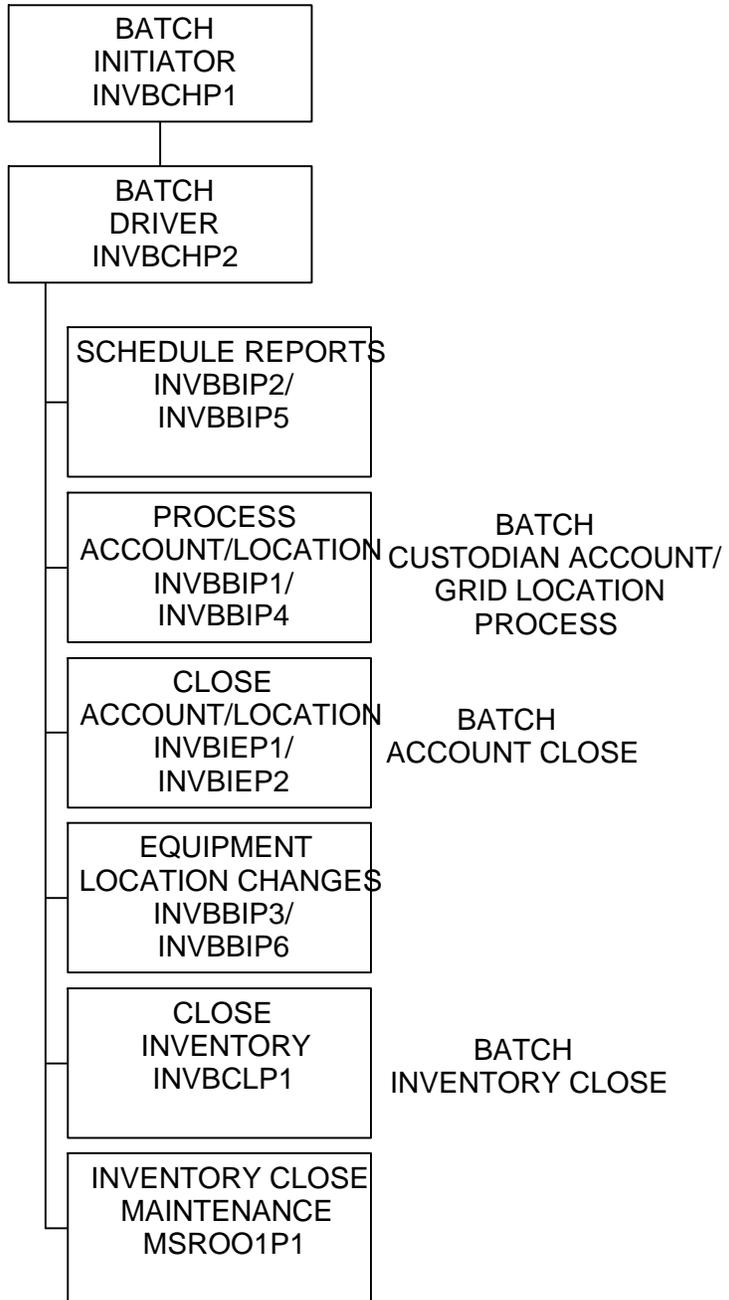


# NEMS Inventory

## Subsystem

PARAMETER	REPORT	REPORT
PRM750P1	RPT750P1, 2	PRE-INVENTORY PROPERTY SUMMARY BY CUSTODIAN ACCOUNT/GRID LOCATION
PRM751P1	RPT751P1, 2	PRE-INVENTORY PROPERTY SUMMARY BY EQUIP LOCATION
PRM752P1	RPT752P1	INVENTORY TRANSACTION STATISTICAL SUMMARY
PRM753P1	RPT753P1, 2	CUSTODIAN ACCOUNT/GRID LOCATION INVENTORY STATISTICAL REPORT
PRM754P1	RPT754P1	ITEMS HELD FOR CENTERWIDE ACCOUNT REPORT
PRM760P1	RPT760P1, 2	INVENTORY UNDERAGE DISCREPANCY
PRM761P1	RPT761P1, 2	INVENTORY OVERAGE DISCREPANCY
PRM762P1	RPT762P1, 2	INVENTORY EQUIPMENT LOCATION CHANGE
PRM763P1	RPT763P1, 2	INVENTORY MATCHED ITEMS
PRM764P1	RPT764P1, 2	BAR-CODE FILE DISPLAY BY CUSTODIAN ACCOUNT/ GRID LOCATION
PRM765P1	RPT765P1, 2	BAR-CODE FILE DISPLAY BY CUSTODIAN ACCOUNT/GRID LOCATION SORTED BY ECN
PRM766P1	RPT766P1, 2	POST INVENTORY CUSTODIAN ACCOUNT/GROD LOCATION PROPERTY INVENTORY HISTORY REPORT
PRM768P1	RPT768P1	INVENTORY DAILY TRANSACTION REGISTER
PRM769P1	RPT769P1, 2	INVENTORY EQUIPMENT LOCATION NOT CHANGED
	RPT770P1	TRIENNIAL INVENTORY CLOSE REPORT
PRM771P1	RPT771P1, 2	RECORDS NOT INVENTORIED REPORT

# NEMS Inventory Subsystem



# INVENTORY REPORT SELECTION REQUESTED THROUGH NEMS LIST OF PROGRAMS

REPORT	PARAMETER	FUNCTION
RPT750P1	PRM750P1	PRE-INVENTORY PROPERTY SUMMARY BY CUST ACCOUNT
RPT751P1	PRM751P1	PRE-INVENTORY PROPERTY SUMMARY BY LOCATION
RPT752P1	PRM752P1	INVENTORY TRANSACTION STATISTICAL SUMMARY
RPT753P1	PRM753P1	CUSTODIAN INVENTORY STATISTICAL SUMMARY
RPT754P1	PRM754P1	ITEMS HELD FOR CENTERWIDE ACCOUNT REPORT
RPT755P1	PRM755P1	ITEMS HELD FOR SUB ACCOUNT REPORT
RPT760P1	PRM760P1	INVENTORY UNDERAGE DISCREPANCY REPORT
RPT761P1	PRM761P1	INVENTORY OVERAGE DISCREPANCY REPORT
RPT762P1	PRM762P1	INVENTORY LOCATION CHANGE REPORT
RPT763P1	PRM763P1	INVENTORY MATCHED ITEMS REPORT
RPT764P1	PRM764P1	BAR CODE FILE DISPLAY BY CUSTODIAN
RPT765P1	PRM765P1	BAR CODE FILE DISPLAY BY CUSTODIAN SORTED BY ECN
RPT766P1	PRM766P1	POST INVENTORY CUSTODIAN ACCOUNT PROPERTY PREPOT
RPT767P1		INVENTORY HISTORY REPORT
RPT768P1	PRM768P1	INVENTORY DAILY TRANSACTION REGISTER
RPT769P1	PRM769P1	INVENTORY LOCATION NOT CHANGED REPORT
RPT771P1	PRM771P1	RECORDS NOT INVENTORIED REPORT

**APPENDIX C - DATABASE FILE LAYOUT**

DB 0 File 147 - NEMS-WEB-PENDING Default Sequence

T L	DB	Name	F Leng	S D	Remarks
1	AA	PEND-ECN HD=ECN	A 7	F D	
1	AB	PEND-USER-NO HD=USER/NO	A 6	N	
1	AC	PEND-TO-USER-NO	A 6	N	
1	AD	PEND-TRANS-NO HD=TRANS/NO	A 3	N	
1	AE	PEND-ACTION-DATE HD=ACTION/DATE EM=9999/99/99	N 8.0	N	

DB 0 File 193 - NEMS-MONTH-TRANS Default Sequence

T L	DB	Name	F Leng	S D	Remarks
1	AA	ECN HD=ECN	A 7	D	
G 1	AB	INST-NO HD=INST/NO			
2	A1	INST-ACCT HD=INST/ACCT	N 2.0		
2	A2	INST-SUB HD=INST/SUB	N 2.0	D	
1	AC	ITEM-NAME HD=ITEM NAME	A 30	N D	
1	HA	ITEM-NAME-STD HD=ITEM/NAME/STD	A 1	N	
1	AD	MFG-CODE HD=MFG/CODE	A 5	D	
1	AE	MFG-MODEL-NO HD=MFG MODEL NO	A 20	N D	
1	AF	MFG-SERIAL-NO HD=MFG SERIAL NO	A 20	N	
1	AG	YEAR-MFG HD=YEAR/MFG	A 4		
1	AH	NATIONAL-STOCK-NO HD=NATIONAL/STOCK NO	A 13	N	
1	AI	COST HD=COST	N 9.2	N	
1	AJ	CAP-SENS-CODE HD=CAP/SENS/CODE	A 1		

1	AK	AVAIL-STATUS-CODE HD=AVAIL/STATUS/CODE	A	1	D
1	AL	PREV-AVAIL-STATUS-CODE HD=PREV/AVAIL/STATUS	A	1	
1	AM	DATE-NASA-ACQ HD=DATE/NASA ACQ EM=9999/99/99	N	8.0	
1	AO	DATE-INST-ACQ EM=9999/99/99	N	8.0	
1	AR	ACQ-DOC-CNTL-NO HD=ACQ DOC/CONTROL NO	A	11	N
1	AU	CUST-ACCT-NO HD=CUST/ACCT/NO	A	5	N D
1	AV	CUST-NO HD=CUST/NO	A	6	N D
1	AX	USER-NO HD=USER/NO	A	6	N D
1	AY	EQUIP-ZIP-CODE HD=EQUIP/ZIP/CODE	A	5	D
1	AZ	EQUIP-BUILDING HD=EQUIP/BLDG	A	10	N D
1	BA	EQUIP-ROOM HD=EQUIP/ROOM	A	5	N
1	BC	DATE-INVENTORIED HD=DATE/INVENTORIED EM=9999/99/99	N	8.0	N
1	BE	DATE-AVAILABLE HD=DATE/AVAILABLE EM=9999/99/99	N	8.0	N
1	BF	EST-COST-CODE HD=EST/COST/CODE	A	1	
1	BG	CONDITION-CODE HD=COND/CODE	A	2	
1	BH	UNIQUE-EQUIP-NO HD=UNIQUE/EQUIP NO	A	8	N D
1	BI	HAZ-MATERIAL-CODE HD=HAZ/MAT/CODE	A	1	
1	BJ	PREC-METAL-CODE HD=PREC/METAL/CODE	A	1	
1	BK	DATE-LAST-CALIBRATED HD=DATE LAST/CALIBRATED EM=9999/99/99	N	8.0	N
1	BL	DATE-CALIBRATION-DUE HD=DATE/CALIBRATION/DUE EM=9999/99/99	N	8.0	N
1	BM	DATE-WRNTY-EXP-MATERIAL HD=DATE WRNTY/EXP-MAT EM=9999/99	N	6.0	N
1	BN	DATE-WRNTY-EXP-LABOR HD=DATE WRNTY/EXP-LABOR	N	6.0	N

		EM=9999/99				
1	BO	OTHER-AGENCY-NO HD=OTHER/AGENCY/NO	N	2.0	N	
1	BP	CONTRACTOR-TAG-NO HD=CONTRACTOR/TAG NO	A	13	N D	
1	BQ	CONTRACTOR-ACCT HD=CONTRACTOR/ACCT	A	9	N D	
1	BR	L-L-DOC-NO HD=LOAN/LEASE/DOC NO	A	6	N D	
1	BS	DATE-L-L-B-IN-DUE HD=LOANLEASE/BORROW/IN DUE EM=9999/99/99	N	8.0	N	
1	BT	DATE-LOANED-OUT HD=DATE/LOANED/OUT EM=9999/99/99	N	8.0	N	
1	BU	DATE-LEASED-OUT HD=DATE/LEASED/OUT EM=9999/99/99	N	8.0	N	
1	BV	DATE-SHIPPED-OTHER-INST HD=DATE/SHIPPED/OTHER INST EM=9999/99/99	N	8.0	N	
1	BW	DATE-BORROWED-OUT HD=DATE/BORROWED/OUT EM=9999/99/99	N	8.0	N	
1	BX	DATE-STORAGE-DUE HD=DATE/STORAGE/DUE EM=9999/99/99	N	8.0	N	
1	CA	DATE-L-L-B-OUT-DUE HD=LOAN LEASE/BORROW/OUT DUE EM=9999/99/99	N	8.0	N	
1	HD	DATE-REPAIR-RETURN-DUE HD=DATE/REPAIR/DUE EM=9999/99/99	N	8.0	N	
1	CE	EQUIP-MGMT-CODE HD=EQUIP/MGMT/CODE	A	1		
1	CF	IDLE-EQUIP-CODE HD=IDLE/EQUIP/CODE	A	1		
1	CG	LABOR-COST-LAST-SERV HD=LABOR/COST/LAST	N	6.0	N	
1	CJ	PARTS-COST-LAST-SERV HD=PARTS/COST/LAST	N	6.0	N	
1	CN	DATE-LAST-SERV HD=DATE/LAST/SERVICED EM=9999/99/99	N	8.0	N	
1	CO	CONTRACTOR-CONVEYOR HD=CONTRACTOR/CONVEYOR	A	9	N	
1	CP	INST-CONVEYOR HD=INST/CONVEYOR	N	4.0	N	
1	CQ	CONTRACTOR-RECEIVER HD=CONTRACTOR/RECEIVER	A	9	N	

```

1 CR INST-RECEIVER N 4.0 N
   HD=INST/RECEIVER
1 CS FREEZE-NO N 10.0
   HD=FREEZE NO
1 CT PREVIOUS-ECN A 7 N
   HD=PREVIOUS/ECN
1 CU MFG-NAME A 30 N
   HD=MANUFACTURER NAME
1 CW ENTRY-REF-NO N 10.0 N D
   HD=ENTRY/REF NO
1 CX TRANS-NO A 3 N D
   HD=TRANS/NO
1 CY LOCAL-DATA A 70 N
   HD=LOCAL/DATA
1 DA PRINT-NEMS-1 A 1
   HD=PRINT/NEMS/1
1 DB CURRENT-DATE N 8.0 N D
   HD=CURRENT/DATE
   EM=9999/99/99
1 DC CURRENT-TIME N 7.0 N
   HD=CURRENT/TIME
1 DD NEMS-USER-ID A 8
   HD=USER/ID
1 DE ADJUSTMENT-COST N 9.2 N
1 DF RECON-CODE A 1 N
1 DG ADJ-DOC-REF A 11 N
1 DH PREV-CUST-ACCT-NO A 5 N
   HD=PREVIOUS/CUST ACCT/NUMBER
1 DI PREV-NATIONAL-STOCK-NO A 13 N
   HD=PREVIOUS/NATIONAL/STOCK NO
1 DJ PREV-COST N 9.2 N
   HD=PREVIOUS/COST
1 DK PREV-CAP-SENS-CODE A 1 F
   HD=PREVIOUS/CAP SENS/CODE
1 DL PREV-USER-NO A 6 N
   HD=PREVIOUS/USER NO
1 DM PREV-CUST-NO A 6 N
   HD=PREVIOUS/CUST NO
1 DN CAPITALIZATION-AMT N 9.2 N
   HD=Cap Amt
1 DO PREV-CAPITALIZATION-AMT N 9.2 N
   HD=Prev Cap Amt
1 AN HERITAGE-CODE A 1 N
1 AP DEMIL-CODE A 1 N
1 SA FED-SUPPLY-GROUP A 2 N U
* ----- SOURCE FIELD(S) -----
. NATIONAL-STOCK-NO(1-2)

```

DB 0 File 197 - NEMS-PCM-PENDING

Default Sequence

T L	DB	Name	F	Leng	S	D	Remarks
1	AA	PEND-ECN HD=ECN	A	7	F	D	
1	AB	PEND-ENTRY-REF-NO HD=ENTRY REF/NUMBER	N	10.0	N		
1	AC	PEND-TRANS-NO HD=TRANS/NO	A	3	N		
1	AD	PEND-CUST-ACCT-NO HD=CUST/ACCT/NO	A	5	N	D	
1	AE	PEND-TO-CUST-ACCT-NO HD=TO/CUST	A	5	N	D	
1	AF	PEND-ACTION-DATE HD=ACTION/DATE EM=9999/99/99	N	8.0	N	D	
1	AG	PEND-ACTION-ACC-REJ HD=ACTION/ACCEPT/REJECT	A	1	N		
1	AH	PEND-ACTION-ACC-REJ-DATE HD=ACCEPT/REJECT/DATE EM=9999/99/99	N	8.0	N		
1	AI	PEND-ACTION-ACC-REJ-REASON HD=ACCEPT/REJECT/REASON	A	2	N		
1	AJ	PEND-APPROVAL-NEEDED HD=APPROVAL/NEEDED	A	1	N	D	
1	AK	PEND-ACQ-DOC-CNTL-NO HD=ACQ DOC/CONTROL NO	A	11	N		
1	AL	PEND-CONTRACTOR-CONVEYOR HD=CONTRACTOR/CONVEYOR	A	9	N		
1	AM	PEND-ITEM-NAME HD=ITEM NAME	A	30	N		
1	AN	PEND-OTHER-AGENCY-NO HD=OTHER/AGENCY/NO	N	2.0	N		
1	AO	PEND-MFG-CODE HD=MFG/CODE	A	5	N		
1	AP	PEND-MFG-MODEL-NO HD=MFG MODEL NO	A	20	N		
1	AQ	PEND-MFG-SERIAL-NO HD=MFG SERIAL NO	A	20	N		
1	AR	PEND-OLD-TAG-NO HD=OLD/TAG NO	A	8	N		
1	AS	PEND-NATIONAL-STOCK-NO HD=NATIONAL/STOCK NO	A	13	N		
1	AT	PEND-UNIQUE-EQUIP-NO HD=UNIQUE/EQUIP NO	A	8	N		
1	AU	PEND-EST-COST-CODE HD=EST/COST/CODE	A	1			
1	AV	PEND-USER-NO HD=USER/NO	A	6	N		
1	AW	PEND-EQUIP-ZIP-CODE HD=EQUIP/ZIP/CODE	A	5			

1	AX	PEND-EQUIP-BUILDING HD=EQUIP/BLDG	A	10	N
1	AY	PEND-EQUIP-ROOM HD=EQUIP/ROOM	A	5	N
1	AZ	PEND-CAP-SENS-CODE HD=CAP/SENS/CODE	A	1	
1	BA	PEND-CONDITION-CODE HD=COND/CODE	A	2	
1	BB	PEND-AVAIL-STATUS-CODE HD=AVAIL/STATUS/CODE	A	1	
1	BC	PEND-L-L-DOC-NO HD=LOAN/LEASE/DOC NO	A	6	N
1	BD	PEND-HAZ-MATERIAL-CODE HD=HAZ/MAT/CODE	A	1	
1	BE	PEND-PREC-METAL-CODE HD=PREC/METAL/CODE	A	1	
1	BF	PEND-EQUIP-MGMT-CODE HD=EQUIP/MGMT/CODE	A	1	
1	BG	PEND-IDLE-EQUIP-CODE HD=IDLE/EQUIP/CODE	A	1	
1	BH	PEND-DATE-INST-ACQ HD=DATE/INST/ACQ EM=9999/99/99	N	8.0	
1	BI	PEND-YEAR-MFG HD=YEAR/MFG	A	4	
1	BJ	PEND-DATE-INVENTORIED HD=DATE/INVENTORIED EM=9999/99/99	N	8.0	N
1	BM	PEND-DATE-BORROWED-OUT HD=DATE/BORROWED/OUT EM=9999/99/99	N	8.0	N
1	BN	PEND-DATE-LOANED-OUT HD=DATE/LOANED/OUT EM=9999/99/99	N	8.0	N
1	BO	PEND-DATE-LEASED-OUT HD=DATE/LEASED/OUT EM=9999/99/99	N	8.0	N
1	BP	PEND-DATE-AVAILABLE HD=DATE/AVAILABLE EM=9999/99/99	N	8.0	N
1	BQ	PEND-DATE-L-L-B-OUT-DUE HD=LOAN LEASE/BORROW/OUT DUE EM=9999/99/99	N	8.0	N
1	BR	PEND-DATE-L-L-B-IN-DUE HD=LOAN LEASE/BORROW/IN DUE EM=9999/99/99	N	8.0	N
1	BS	PEND-DATE-STORED-IN HD=DATE/STORED/IN EM=9999/99/99	N	8.0	N
1	BT	PEND-DATE-STORAGE-DUE	N	8.0	N

		HD=DATE/STORAGE/DUE			
		EM=9999/99/99			
1	BU	PEND-DATE-SHIPPED-OTHER-INST	N	8.0	N
		HD=DATE/SHIPPED/OTHER INST			
		EM=9999/99/99			
1	BV	PEND-DATE-LAST-SERV	N	8.0	N
		HD=DATE/LAST/SERVICED			
		EM=9999/99/99			
1	BW	PEND-DATE-WRNTY-EXP-MATERIAL	N	6.0	N
		HD=DATE WRNTY/EXP-MAT			
		EM=9999/99			
1	BX	PEND-DATE-WRNTY-EXP-LABOR	N	6.0	N
		HD=DATE WRNTY/EXP-LABOR			
		EM=9999/99			
1	BY	PEND-LOCAL-DATA	A	70	N
		HD=LOCAL DATA			
1	CA	PEND-FREEZE-NO	N	10.0	
		HD=FREEZE NO			
1	CB	PEND-LABOR-COST-LAST-SERV	N	6.0	N
		HD=LABOR/COST/LAST			
		EM=ZZZZZ9			
1	CC	PEND-PARTS-COST-LAST-SERV	N	6.0	N
		HD=PARTS/COST/LAST			
		EM=ZZZZZ9			
1	CD	PEND-INST-RECEIVER	N	4.0	N
		HD=INST/RECEIVER			
1	CE	PEND-CONTRACTOR-RECEIVER	A	9	N
		HD=CONTRACTOR/RECEIVER			
1	CF	PEND-DATE-REPAIR-RETURN-DUE	N	8.0	N
		HD=DATE/REPAIR/DUE			
		EM=9999/99/99			
1	CG	PEND-NO-OF-TIMES-SERV	N	1.0	N
		HD=NO OF/TIMES/SERV			
1	CH	PEND-LOCATION	A	5	N
		HD=LOCATION			
1	BK	HERITAGE-CODE	A	1	N
1	BL	DEMIL-CODE	A	1	N

DB 0 File 195 - NEMS-TABLE Default Sequence

T	L	DB	Name	F	Leng	S	D	Remarks
1	TA		TABLE-ID-KEY	A	13		D	
			HD=TABLE/ID-KEY					
1	AB		T-MFG-NAME	A	30	N	D	
			HD=MANUFACTURER NAME					
1	AC		T-MFG-ADDR	A	40		N	
			HD=MANUFACTURER ADDRESS					
1	BB		T-EQUIP-TYPE-ACCT	N	4.0		N	
			HD=EQUIP/TYPE/ACCT					

1	BC	T-FED-SUP-GP-DEF HD=FEDERAL SUPPLY/GROUP DEFINITION	A	70	N
1	CB	T-EQUIP-TYPE-ACCT-DEF HD=EQUIPMENT TYPE/ACCOUNT DEFINITION	A	50	N
1	DB	T-CUST-NO HD=CUST/NO	A	6	N
1	DC	T-CUST-NAME HD=CUSTODIAN NAME	A	30	N D
1	DG	T-CUST-ACCT-NAME HD=CUST/ACCT/NAME	A	30	N
1	DD	T-CUST-MAIL-CODE HD=CUST/MAIL/CODE	A	7	N
1	DF	T-CUST-ORG-CODE HD=CUST/ORG CODE	A	7	N
1	DH	T-PHONE-NO HD=PHONE/NUMBER	A	19	N
1	EB	T-USER-NAME HD=USER NAME	A	30	N D
1	FB	T-BUILDING-NAME HD=BUILDING NAME	A	20	N D
1	GB	T-CAP-SENS-CODE-DEF HD=CAPITAL SENSITIVE/CODE DEFINITION	A	35	N
1	HB	T-AGENCY-NAME HD=AGENCY NAME	A	50	N
1	HC	T-AGENCY-ACRONYM HD=AGENCY ACRONYM	A	20	N
1	IB	T-EQUIP-MGMT-CODE-DEF HD=EQUIPMENT MANAGEMENT/CODE DEFINITION	A	70	N
1	JB	T-EQUIP-IN-CODE-DEF HD=EQUIPMENT IN/CODE DEFINITION	A	70	N
1	KB	T-EQUIP-OUT-CODE-DEF HD=EQUIPMENT OUT/CODE DEFINITION	A	70	N
1	LB	T-HAZ-MAT-CODE-DEF HD=HAZ MAT/CODE DEF	A	3	N
1	MB	T-PREC-METAL-CODE-DEF HD=PREC METAL/CODE DEF	A	3	N
1	NB	T-IDLE-EQUIP-CODE-DEF HD=IDLE EQUIP/CODE DEF	A	3	N
1	OC	T-INST-NAME HD=INSTALLATION NAME	A	40	N
1	OD	T-INST-ACRONYM HD=INST/ACRONYM	A	4	N
1	OE	T-INST-ZIP-CODE HD=INST/ZIP/CODE	N	5.0	N
1	OG	T-INST-DELETE-FORM HD=INST/DELETE/FORM	A	4	N
1	PB	T-AVAIL-STAT-CODE-DEF HD=AVAILABILITY STATUS/CODE DEFINITION	A	20	N
1	QB	T-CONDITION-CODE-DEF HD=CONDITION CODE/DEFINITION	A	25	N

	1	RB	T-TRANS-NAME HD=TRANSACTION NAME	A	70	N
	1	RC	T-TRANS-TYPE HD=TRANS/TYPE	A	1	N
	1	RD	T-SHORT-TRANS-NAME HD=SHORT TRANS NAME	A	30	N
	1	TC	TABLE-DESC HD=TABLE DESCRIPTION	A	40	N
	1	TD	TABLE-AUTH HD=TABLE AUTH	A	4	N
	1	UA	T-USERID-NAME HD=USERID NAME	A	30	N
	1	UB	T-USERID-INST-ACCT HD=USERID/INST/ACCT	A	2	N
	1	UC	T-USERID-INST-SUB HD=USERID/INST/SUB	A	2	N
G	1	UD	T-USERID-AUTH HD=USERID AUTHORITY			
	2	UE	T-EQUIP-AUTH HD=EQUIP/AUTH	A	1	N
	2	UF	T-REPORT-AUTH HD=REPORT/AUTH	A	1	N
	2	UG	T-TABLE-AUTH HD=TABLE/AUTH	A	1	N
	2	UH	T-ADHOC-AUTH HD=ADHOC/AUTH	A	1	N
	2	UI	T-MAINT-AUTH HD=MAINT/AUTH	A	1	N
	1	VA	T-ERROR-MESSAGE HD=ERROR MESSAGE	A	70	N
	1	WA	T-ENTRY-REFERENCE-NO HD=ENTRY/REFERENCE/NUMBER	N	4.0	N
	1	WB	T-FREEZE-NO HD=FREEZE/NUMBER	N	4.0	N
	1	XA	T-REPORT-NAME HD=REPORT NAME	A	60	N
	1	XB	T-REPORT-OPTIONS HD=REPORT OPTIONS	A	1	N
	1	XC	T-REPORT-RUNS HD=NUMBER/RUNS	N	5.0	N
	1	YA	T-ACCEPT-REJECT-REASON HD=ACCEPT-REJECT REASON	A	70	N
	1	AA	T-DEMIL-RANK-NMBR	N	2.0	N
M	1	AD	T-DEMIL-CODE-DESC	A	240	N
	1	AE	MAINFRAME-DSN	A	44	N
	1	AF	ADOSS-SERVER-DSN	A	44	N
	1	AG	ADOSS-TRANSMIT-IND	A	1	N
	1	AH	T-USER-NO	A	6	N
	1	AI	T-USER-EMAIL-ADRS	A	50	N
	1	AJ	T-USER-PSWRD	A	8	N

```

1 SA TABLE-ID A 3 U
* ----- SOURCE FIELD(S) -----
* TABLE-ID-KEY(1-3)
1 SB TABLE-KEY A 10 U
* ----- SOURCE FIELD(S) -----
. TABLE-ID-KEY(4-13)

```

DB 0 File 196 - NEMS-TRANSFER Default Sequence

T L	DB	Name	F	Leng	S	D	Remarks
1	AA	ECN HD=ECN	A	7	F	D	
1	AB	INST-RECEIVER HD=INST/RECEIVER	N	4.0			
1	AC	INST-CONVEYOR HD=INST/CONVEYOR	N	4.0			
1	AD	TRANS-NO HD=TRANS/NO	A	3	N		
1	AE	DATE-SHIPPED-OTHER-INST HD=DATE/SHIPPED EM=9999/99/99	N	8.0	N		
1	BA	DATE-NASA-ACQ HD=DATE/NASA/ACQ EM=9999/99/99	N	8.0	N		
1	AF	ITEM-NAME HD=ITEM NAME	A	30	N		
1	BC	ITEM-NAME-STD HD=ITEM/NAME/STD	A	1	N		
1	AG	MFG-CODE HD=MFG CODE	A	5	F		
1	AH	MFG-MODEL-NO HD=MFG MODEL NO	A	20	N		
1	AI	MFG-SERIAL-NO HD=MFG SERIAL NO	A	20	N		
1	AJ	YEAR-MFG HD=YEAR/MFG	A	4	F		
1	AK	NATIONAL-STOCK-NO HD=NAT/STOCK/NO	A	13	N		
1	AL	COST HD=COST	N	9.2	N		
1	AM	CAP-SENS-CODE HD=CAP/SENS/CODE	A	1	F		
1	AN	EST-COST-CODE HD=EST/COST/CODE	A	1	F		
1	AO	CONDITION-CODE HD=COND/CODE	A	2	F		
1	AP	UNIQUE-EQUIP-NO HD=UNIQUE/EQUIP/NO	A	8	N		
1	AQ	HAZ-MATERIAL-CODE	A	1	F		

		HD=HAZ/MAT/CODE			
1	AR	PREC-METAL-CODE	A	1	F
		HD=PREC/MET/CODE			
1	AS	DATE-LAST-CALIBRATED	N	8.0	N
		HD=DATE/LAST/CALIB			
		EM=9999/99/99			
1	AT	DATE-CALIBRATION-DUE	N	8.0	N
		HD=DATE/CALIB/DUE			
		EM=9999/99/99			
1	AU	DATE-WRNTY-EXP-MATERIAL	N	6.0	N
		HD=WRNTY/EXP/MAT			
		EM=9999/99			
1	AV	DATE-WRNTY-EXP-LABOR	N	6.0	N
		HD=WRNTY/EXP/LABOR			
		EM=9999/99			
1	AW	CONTRACTOR-TAG-NO	A	13	N
		HD=CONTRACTOR/TAG NO			
1	BD	DATE-ADDED-TO-TRANSFER	N	8.0	N
		HD=DATE/ADDED			
		EM=9999/99/99			
1	BE	CAPITALIZATION-AMT	N	9.2	N
		HD=Cap Amt			
1	AX	HERITAGE-CODE	A	1	N
1	AY	DEMIL-CODE	A	1	N

DB 0 File 187 - NEMS-DAILY-TRANS Default Sequence

T	L	DB	Name	F	Leng	S	D	Remarks
-	-	-	-----	-	-	-	-	-----
	1	AA	ECN	A	7		D	
			HD=ECN					
G	1	AB	INST-NO					
			HD=INST/NO					
	2	A1	INST-ACCT	N	2.0			
			HD=INST/ACCT					
	2	A2	INST-SUB	N	2.0			
			HD=INST/SUB					
	1	AC	ITEM-NAME	A	30	N	D	
			HD=ITEM NAME					
	1	HA	ITEM-NAME-STD	A	1		N	
			HD=ITEM/NAME/STD					
	1	AD	MFG-CODE	A	5		D	
			HD=MFG/CODE					
	1	AE	MFG-MODEL-NO	A	20	N	D	
			HD=MFG MODEL NO					
	1	AF	MFG-SERIAL-NO	A	20		N	
			HD=MFG SERIAL NO					
	1	AG	YEAR-MFG	A	4			
			HD=YEAR/MFG					
	1	AH	NATIONAL-STOCK-NO	A	13		N	

1	AI	HD=NATIONAL/STOCK NO COST	N	9.2	N
		HD=COST			
1	AJ	CAP-SENS-CODE HD=CAP/SENS/CODE	A	1	
1	AK	AVAIL-STATUS-CODE HD=AVAIL/STATUS/CODE	A	1	D
1	AL	PREV-AVAIL-STATUS-CODE HD=PREV/AVAIL/STATUS	A	1	
1	AM	DATE-NASA-ACQ HD=DATE/NASA ACQ EM=9999/99/99	N	8.0	
1	AO	DATE-INST-ACQ EM=9999/99/99	N	8.0	
1	AR	ACQ-DOC-CNTL-NO HD=ACQ DOC/CONTROL NO	A	11	N
1	AU	CUST-ACCT-NO HD=CUST/ACCT/NO	A	5	N D
1	AV	CUST-NO HD=CUST/NO	A	6	N D
1	AX	USER-NO HD=USER/NO	A	6	N D
1	AY	EQUIP-ZIP-CODE HD=EQUIP/ZIP/CODE	A	5	D
1	AZ	EQUIP-BUILDING HD=EQUIP/BLDG	A	10	N D
1	BA	EQUIP-ROOM HD=EQUIP/ROOM	A	5	N
1	BC	DATE-INVENTORIED HD=DATE/INVENTORIED EM=9999/99/99	N	8.0	N
1	BE	DATE-AVAILABLE HD=DATE/AVAILABLE EM=9999/99/99	N	8.0	N
1	BF	EST-COST-CODE HD=EST/COST/CODE	A	1	
1	BG	CONDITION-CODE HD=COND/CODE	A	2	
1	BH	UNIQUE-EQUIP-NO HD=UNIQUE/EQUIP NO	A	8	N D
1	BI	HAZ-MATERIAL-CODE HD=HAZ/MAT/CODE	A	1	
1	BJ	PREC-METAL-CODE HD=PREC/METAL/CODE	A	1	
1	BK	DATE-LAST-CALIBRATED HD=DATE LAST/CALIBRATED EM=9999/99/99	N	8.0	N
1	BL	DATE-CALIBRATION-DUE HD=DATE/CALIBRATION/DUE EM=9999/99/99	N	8.0	N

1	BM	DATE-WRNTY-EXP-MATERIAL HD=DATE WRNTY/EXP-MAT EM=9999/99	N	6.0	N
1	BN	DATE-WRNTY-EXP-LABOR HD=DATE WRNTY/EXP-LABOR EM=9999/99	N	6.0	N
1	BO	OTHER-AGENCY-NO HD=OTHER/AGENCY/NO	N	2.0	N
1	BP	CONTRACTOR-TAG-NO HD=CONTRACTOR/TAG NO	A	13	N D
1	BQ	CONTRACTOR-ACCT HD=CONTRACTOR/ACCT	A	9	N D
1	BR	L-L-DOC-NO HD=LOAN/LEASE/DOC NO	A	6	N D
1	BS	DATE-L-L-B-IN-DUE HD=LOAN LEASE/BORROW/IN DUE EM=9999/99/99	N	8.0	N
1	BT	DATE-LOANED-OUT HD=DATE/LOANED/OUT EM=9999/99/99	N	8.0	N
1	BU	DATE-LEASED-OUT HD=DATE/LEASED/OUT EM=9999/99/99	N	8.0	N
1	BV	DATE-SHIPPED-OTHER-INST HD=DATE/SHIPPED/OTHER INST EM=9999/99/99	N	8.0	N
1	BW	DATE-BORROWED-OUT HD=DATE/BORROWED/OUT EM=9999/99/99	N	8.0	N
1	BX	DATE-STORAGE-DUE HD=DATE/STORAGE/DUE EM=9999/99/99	N	8.0	N
1	CA	DATE-L-L-B-OUT-DUE HD=LOAN LEASE/BORROW/OUT DUE EM=9999/99/99	N	8.0	N
1	HD	DATE-REPAIR-RETURN-DUE HD=DATE/REPAIR/DUE EM=9999/99/99	N	8.0	N
1	CE	EQUIP-MGMT-CODE HD=EQUIP/MGMT/CODE	A	1	
1	CF	IDLE-EQUIP-CODE HD=IDLE/EQUIP/CODE	A	1	
1	CG	LABOR-COST-LAST-SERV HD=LABOR/COST/LAST	N	6.0	N
1	CJ	PARTS-COST-LAST-SERV HD=PARTS/COST/LAST	N	6.0	N
1	CN	DATE-LAST-SERV HD=DATE/LAST/SERVICED EM=9999/99/99	N	8.0	N
1	CO	CONTRACTOR-CONVEYOR	A	9	N

1	CP	HD=CONTRACTOR/CONVEYOR INST-CONVEYOR	N	4.0	N
1	CQ	HD=INST/CONVEYOR CONTRACTOR-RECEIVER	A	9	N
1	CR	HD=CONTRACTOR/RECEIVER INST-RECEIVER	N	4.0	N
1	CS	HD=INST/RECEIVER FREEZE-NO	N	10.0	
1	CT	HD=FREEZE NO PREVIOUS-ECN	A	7	N
1	CU	HD=PREVIOUS/ECN MFG-NAME	A	30	N
1	CW	HD=MANUFACTURER NAME ENTRY-REF-NO	N	10.0	N D
1	CX	HD=ENTRY/REF NO TRANS-NO	A	3	N D
1	CY	HD=TRANS/NO LOCAL-DATA	A	70	N
1	DA	HD=LOCAL/DATA PRINT-NEMS-1	A	1	D
1	DB	HD=PRINT/NEMS/1 CURRENT-DATE	N	8.0	N
1	DC	HD=CURRENT/DATE EM=9999/99/99	N	7.0	N
1	DD	HD=CURRENT/TIME NEMS-USER-ID	A	8	
1	DE	HD=NEMS/USER/ID ADJUSTMENT-COST	N	9.2	N
1	DF	RECON-CODE	A	1	N
1	DG	ADJ-DOC-REF	A	11	N
1	DH	PREV-CUST-ACCT-NO	A	5	N
1	DI	HD=PREVIOUS/CUST-ACCT/NUMBER PREV-NATIONAL-STOCK-NO	A	13	N
1	DJ	HD=PREVIOUS/NATIONAL/STOCK NO PREV-COST	N	9.2	N
1	DK	HD=PREVIOUS/COST PREV-CAP-SENS-CODE	A	1	F
1	DL	HD=PREVIOUS/CAP SENS/CODE PREV-USER-NO	A	6	N
1	DM	HD=PREVIOUS/USER NO PREV-CUST-NO	A	6	N
1	DN	HD=PREVIOUS/CUST NO CAPITALIZATION-AMT	N	9.2	N
1	DO	HD=Cap Amt PREV-CAPITALIZATION-AMT	N	9.2	N
1	AN	HD=Prev Cap Amt HERITAGE-CODE	A	1	N
1	AP	DEMIL-CODE	A	1	N
1	SA	FED-SUPPLY-GROUP	A	2	N U

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*          ----- SOURCE FIELD(S) -----
.          NATIONAL-STOCK-NO(1-2)

DB 0      File 190  - NEMS-HISTORY                      Default Sequence

T L DB Name                                     F Leng S D Remarks
-----
  1 KE HISTORY-KEY                               A  10  D
      HD=HISTORY/KEY
  1 AA ECN                                       A   7  D
      HD=ECN
G 1 AB INST-NO                                  N  2.0
      HD=INST/NO
  2 A1 INST-ACCT                                N  2.0
      HD=INST/ACCT
  2 A2 INST-SUB                                 N  2.0  D
      HD=INST/SUB
  1 AC ITEM-NAME                                A  30  N D
      HD=ITEM NAME
  1 HA ITEM-NAME-STD                            A   1  N
      HD=ITEM/NAME/STD
  1 AD MFG-CODE                                 A   5  D
      HD=MFG/CODE
  1 AE MFG-MODEL-NO                             A  20  N D
      HD=MFG MODEL NO
  1 AF MFG-SERIAL-NO                           A  20  N D
      HD=MFG SERIAL NO
  1 AG YEAR-MFG                                 A   4  D
      HD=YEAR/MFG
  1 AH NATIONAL-STOCK-NO                       A  13  N
      HD=NATIONAL/STOCK NO
  1 AI COST                                    N  9.2  N
      HD=COST
  1 AJ CAP-SENS-CODE                            A   1
      HD=CAP/SENS/CODE
  1 AK AVAIL-STATUS-CODE                       A   1
      HD=AVAIL/STATUS/CODE
  1 AL DATE-STATUS-CODED                       N  8.0  N
      HD=DATE/STATUS/CODED
      EM=9999/99/99
  1 AM DATE-NASA-ACQ                            N  8.0
      HD=DATE/NASA ACQ
      EM=9999/99/99
  1 AO DATE-INST-ACQ                           N  8.0
      HD=DATE/INST ACQ
      EM=9999/99/99
  1 AP ACQ-TRANS-NO                             A   3  D
      HD=ACQ/TRANS/NO
  1 AQ ACQ-ENTRY-REF-NO                        N 10.0
      HD=ACQ ENTRY/REF NO

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1	AR	ACQ-DOC-CNTL-NO HD=ACQ DOC/CONTROL NO	A	11	N D
1	HB	LAST-TRANS-NO HD=LAST/TRANS/NO	A	3	D
1	HC	LAST-ENTRY-REF-NO HD=LAST ENTRY/REF NO	N	10.0	
1	AU	CUST-ACCT-NO HD=CUST/ACCT/NO	A	5	N
1	AV	CUST-NO HD=CUST/NO	A	6	N
1	AW	CUST-ORG-CODE HD=CUST/ORG/CODE	A	7	N
1	AX	USER-NO HD=USER/NO	A	6	N
1	AY	EQUIP-ZIP-CODE HD=EQUIP/ZIP/CODE	A	5	
1	AZ	EQUIP-BUILDING HD=EQUIP/BLDG	A	10	N
1	BA	EQUIP-ROOM HD=EQUIP/ROOM	A	5	N
1	BB	EQUIP-TYPE-ACCT HD=EQUIP/TYPE/ACCT	N	4.0	N
1	BC	DATE-INVENTORIED HD=DATE/INVENTORIED EM=9999/99/99	N	8.0	N D
1	BD	OLD-TAG-NO HD=OLD/TAG NO	A	8	N D
1	BE	DATE-AVAILABLE HD=DATE/AVAILABLE EM=9999/99/99	N	8.0	N
1	BF	EST-COST-CODE HD=EST/COST/CODE	A	1	
1	BG	CONDITION-CODE HD=COND/CODE	A	2	
1	BH	UNIQUE-EQUIP-NO HD=UNIQUE/EQUIP NO	A	8	N D
1	BI	HAZ-MATERIAL-CODE HD=HAZ/MAT/CODE	A	1	
1	BJ	PREC-METAL-CODE HD=PREC/METAL/CODE	A	1	
1	BK	DATE-LAST-CALIBRATED HD=DATE LAST/CALIBRATED EM=9999/99/99	N	8.0	N
1	BL	DATE-CALIBRATION-DUE HD=DATE/CAL/DUE EM=9999/99/99	N	8.0	N
1	BM	DATE-WRNTY-EXP-MATERIAL HD=DATE WRNTY/EXP-MAT EM=9999/99	N	6.0	N
1	BN	DATE-WRNTY-EXP-LABOR	N	6.0	N

		HD=DATE WRNTY/EXP-LABOR EM=9999/99			
1	BO	OTHER-AGENCY-NO HD=OTHER/AGENCY/NO	N	2.0	N
1	BP	CONTRACTOR-TAG-NO HD=CONTRACTOR/TAG NO	A	13	N
1	BQ	CONTRACTOR-ACCT HD=CONTRACTOR/ACCT	A	9	N D
1	BR	L-L-DOC-NO HD=LOAN/LEASE/DOC NO	A	6	N D
1	BS	DATE-L-L-B-IN-DUE HD=LOANLEASE/BORROW/IN DUE EM=9999/99/99	N	8.0	N
1	BT	DATE-LOANED-OUT HD=DATE/LOANED/OUT EM=9999/99/99	N	8.0	N
1	BU	DATE-LEASED-OUT HD=DATE/LEASED/OUT EM=9999/99/99	N	8.0	N
1	BV	DATE-SHIPPED-OTHER-INST HD=DATE/SHIPPED/OTHER INST EM=9999/99/99	N	8.0	N
1	BW	DATE-BORROWED-OUT HD=DATE/BORROWED/OUT EM=9999/99/99	N	8.0	N
1	BX	DATE-STORAGE-DUE HD=DATE/STORAGE/DUE EM=9999/99/99	N	8.0	N
1	BZ	DATE-STORED-IN HD=DATE/STORED/IN EM=9999/99/99	N	8.0	N
1	CA	DATE-L-L-B-OUT-DUE HD=LOAN LEASE/BORROW/OUT DUE EM=9999/99/99	N	8.0	N
1	HD	DATE-REPAIR-RETURN-DUE HD=DATE/REPAIR/DUE EM=9999/99/99	N	8.0	N
1	CB	EQUIP-IN-CODE HD=EQUIP/IN/CODE	A	1	
1	CD	EQUIP-OUT-CODE HD=EQUIP/OUT/CODE	A	1	
1	CE	EQUIP-MGMT-CODE HD=EQUIP/MGMT/CODE	A	1	
1	CF	IDLE-EQUIP-CODE HD=IDLE/EQUIP/CODE	A	1	
1	CG	LABOR-COST-LAST-SERV HD=LABOR/COST/LAST	N	6.0	N
1	CH	LABOR-COST-YTD HD=LABOR/COST/YTD	N	6.0	N
1	CI	LABOR-COST-TD	N	7.0	N

		HD=LABOR/COST/TD				
1	CJ	PARTS-COST-LAST-SERV	N	6.0	N	
		HD=PARTS/COST/LAST				
1	CK	PARTS-COST-YTD	N	6.0	N	
		HD=PARTS/COST/YTD				
1	CL	PARTS-COST-TD	N	7.0	N	
		HD=PARTS/COST/TD				
1	CM	NO-OF-TIMES-SERV	N	3.0	N	
		HD=NO OF/TIMES/SERV				
		EM=ZZ9				
1	CN	DATE-LAST-SERV	N	8.0	N	
		HD=DATE/LAST/SERVICED				
		EM=9999/99/99				
1	CO	CONTRACTOR-CONVEYOR	A	9	N	
		HD=CONTRACTOR/CONVEYOR				
1	CP	INST-CONVEYOR	N	4.0	N	
		HD=INST/CONVEYOR				
1	CQ	CONTRACTOR-RECEIVER	A	9	N	
		HD=CONTRACTOR/RECEIVER				
1	CR	INST-RECEIVER	N	4.0	N	
		HD=INST/RECEIVER				
1	CS	FREEZE-NO	N	10.0		
		HD=FREEZE NO				
1	HF	NEW-ECN	A	7	N	
		HD=NEW/ECN				
1	CT	PREVIOUS-ECN	A	7	N	
1	HE	PREV-CUST-ACCT-NO	A	5	N	
		HD=PREV/CUST/ACCT				
1	CU	MFG-NAME	A	30	N	
		HD=MANUFACTURER NAME				
M 1	CW	ENTRY-REF-NO	N	10.0	N	
		HD=ENTRY/REF NO				
M 1	CX	TRANS-NO	A	3	N	
		HD=TRANS/NO				
1	CY	LOCAL-DATA	A	70	N	
		HD=LOCAL/DATA				
1	CZ	DELETE-DATE	N	8.0	N D	
		HD=DELETE/DATE				
		EM=9999/99/99				
1	PA	EXCESS-CASE-NUMBER	A	14	N D	
1	GJ	LOCATION	A	5	N	
M 1	DA	PROP-TRNSCTN-ERN-NMBR	N	12.0	N	
		HD=NPDMS/ENTRY/REF NO				
M 1	DB	PROP-TRNSCTN-ID	A	4	N	
		HD=NPDMS/TRANS/id				
1	DC	CAPITALIZATION-AMT	N	9.2	N	
		HD=Cap Amt				
1	AN	HERITAGE-CODE	A	1	N	
1	AS	DEMIL-CODE	A	1	N	
1	SA	FED-SUPPLY-GROUP	A	2	N U	

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.          ----- SOURCE FIELD(S) -----
.          NATIONAL-STOCK-NO(1-2)

DB 0      File 188  - NEMS-EQUIPMENT                      Default Sequence

T L DB Name                                     F Leng S D Remarks
-----
1 AA ECN                                         A   7   D
   HD=ECN
G 1 AB INST-NO                                    N   2.0
   HD=INST/ NO
   2 A1 INST-ACCT                                N   2.0
   HD=INST/ACCT
   2 A2 INST-SUB                                 N   2.0   D
   HD=INST/SUB
1 AC ITEM-NAME                                   A   30  N D
   HD=ITEM NAME
1 HA ITEM-NAME-STD                             A    1  N
   HD=ITEM/NAME/STD
1 AD MFG-CODE                                    A    5   D
   HD=MFG/CODE
*      Orig.name: MFG-CODE
1 AE MFG-MODEL-NO                               A   20  N D
   HD=MFG MODEL NO
1 AF MFG-SERIAL-NO                             A   20  N D
   HD=MFG SERIAL NO
1 AG YEAR-MFG                                  A    4
   HD=YEAR/MFG
1 AH NATIONAL-STOCK-NO                         A   13  N D
   HD=NATIONAL/STOCK NO
1 AI COST                                       N   9.2  N D
   HD=COST
1 AJ CAP-SENS-CODE                             A    1   D
   HD=CAP/SENS/CODE
1 AK AVAIL-STATUS-CODE                         A    1   D
   HD=AVAIL/STATUS/CODE
1 AL DATE-STATUS-CODED                         N   8.0  N
   HD=DATE/STATUS/CODED
   EM=9999/99/99
1 AM DATE-NASA-ACQ                             N   8.0   D
   HD=DATE/NASA ACQ
   EM=9999/99/99
1 AO DATE-INST-ACQ                             N   8.0   D
   HD=DATE/INST ACQ
   EM=9999/99/99
1 AP ACQ-TRANS-NO                              A    3   D
   HD=ACQ/TRANS/NO
1 AQ ACQ-ENTRY-REF-NO                          N  10.0
   HD=ACQ ENTRY/REF NO
1 AR ACQ-DOC-CNTL-NO                           A   11  N D

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1	HB	HD=ACQ DOC/CONTROL NO LAST-TRANS-NO HD=LAST/TRANS/NO	A	3	D	
1	HC	HD=LAST ENTRY-REF-NO HD=LAST ENTRY/REF NO	N	10.0		
1	AU	CUST-ACCT-NO HD=CUST/ACCT/NO	A	5	N D	
1	AV	CUST-NO HD=CUST/NO	A	6	N D	
1	AW	CUST-ORG-CODE HD=CUST/ORG/CODE	A	7	N D	
1	AX	USER-NO HD=USER/NO	A	6	N D	
1	AY	EQUIP-ZIP-CODE HD=EQUIP/ZIP/CODE	A	5	D	
1	AZ	EQUIP-BUILDING HD=EQUIP/BLDG	A	10	N D	
1	BA	EQUIP-ROOM HD=EQUIP/ROOM	A	5	N	
1	BB	EQUIP-TYPE-ACCT HD=EQUIP/TYPE/ACCT	N	4.0	N D	
1	BC	DATE-INVENTORIED HD=DATE/INVENTORIED EM=9999/99/99	N	8.0	N D	
1	BD	OLD-TAG-NO HD=OLD/TAG NO	A	8	N D	
1	BE	DATE-AVAILABLE HD=DATE/AVAILABLE EM=9999/99/99	N	8.0	N D	
1	BF	EST-COST-CODE HD=EST/COST/CODE	A	1		
1	BG	CONDITION-CODE HD=COND/CODE	A	2		
1	BH	UNIQUE-EQUIP-NO HD=UNIQUE/EQUIP NO	A	8	N D	
1	BI	HAZ-MATERIAL-CODE HD=HAZ/MAT/CODE	A	1		
1	BJ	PREC-METAL-CODE HD=PREC/METAL/CODE	A	1		
1	BK	DATE-LAST-CALIBRATED HD=DATE LAST/CALIBRATED EM=9999/99/99	N	8.0	N	
1	BL	DATE-CALIBRATION-DUE HD=DATE/CAL/DUE EM=9999/99/99	N	8.0	N D	
1	BM	DATE-WRNTY-EXP-MATERIAL HD=DATE WRNTY/EXP-MAT EM=9999/99	N	6.0	N	
1	BN	DATE-WRNTY-EXP-LABOR HD=DATE WRNTY/EXP-LABOR	N	6.0	N	

		EM=9999/99				
1	BO	OTHER-AGENCY-NO HD=OTHER/AGENCY/NO	N	2.0	N	
1	BP	CONTRACTOR-TAG-NO HD=CONTRACTOR/TAG NO	A	13	N	D
1	BQ	CONTRACTOR-ACCT HD=CONTRACTOR/ACCT	A	9	N	D
1	BR	L-L-DOC-NO HD=LOAN/LEASE/DOC NO	A	6	N	D
1	BS	DATE-L-L-B-IN-DUE HD=LOAN LEASE/BORROW/IN DUE EM=9999/99/99	N	8.0	N	
1	BT	DATE-LOANED-OUT HD=DATE/LOANED/OUT EM=9999/99/99	N	8.0	N	D
1	BU	DATE-LEASED-OUT HD=DATE/LEASED/OUT EM=9999/99/99	N	8.0	N	
1	BV	DATE-SHIPPED-OTHER-INST HD=DATE/SHIPPED/OTHER INST EM=9999/99/99	N	8.0	N	
1	BW	DATE-BORROWED-OUT HD=DATE/BORROWED/OUT EM=9999/99/99	N	8.0	N	D
1	BX	DATE-STORAGE-DUE HD=DATE/STORAGE/DUE EM=9999/99/99	N	8.0	N	
1	BZ	DATE-STORED-IN HD=DATE/STORED/IN EM=9999/99/99	N	8.0	N	D
1	CA	DATE-L-L-B-OUT-DUE HD=LOAN LEASE/BORROW/OUT DUE EM=9999/99/99	N	8.0	N	D
1	HD	DATE-REPAIR-RETURN-DUE HD=DATE/REPAIR/DUE EM=9999/99/99	N	8.0	N	D
1	CB	EQUIP-IN-CODE HD=EQUIP/IN/CODE	A	1		D
1	CD	EQUIP-OUT-CODE HD=EQUIP/OUT/CODE	A	1		D
1	CE	EQUIP-MGMT-CODE HD=EQUIP/MGMT/CODE	A	1		D
1	CF	IDLE-EQUIP-CODE HD=IDLE/EQUIP/CODE	A	1		
1	CG	LABOR-COST-LAST-SERV HD=LABOR/COST/LAST EM=ZZZZZ9	N	6.0	N	
1	CH	LABOR-COST-YTD HD=LABOR/COST/YTD EM=ZZZZZ9	N	6.0	N	

1	CI	LABOR-COST-TD HD=LABOR/COST/TD EM=ZZZZZ9	N	7.0	N	
1	CJ	PARTS-COST-LAST-SERV HD=PARTS/COST/LAST EM=ZZZZZ9	N	6.0	N	
1	CK	PARTS-COST-YTD HD=PARTS/COST/YTD EM=ZZZZZ9	N	6.0	N	
1	CL	PARTS-COST-TD HD=PARTS/COST/TD EM=ZZZZZ9	N	7.0	N	
1	CM	NO-OF-TIMES-SERV HD=NO OF/TIMES/SERV EM=ZZ9	N	3.0	N	
1	CN	DATE-LAST-SERV HD=DATE/LAST/SERVICED EM=9999/99/99	N	8.0	N	
1	CO	CONTRACTOR-CONVEYOR HD=CONTRACTOR/CONVEYOR	A	9	N	
1	CP	INST-CONVEYOR HD=INST/CONVEYOR	N	4.0	N	
1	CQ	CONTRACTOR-RECEIVER HD=CONTRACTOR/RECEIVER	A	9	N	
1	CR	INST-RECEIVER HD=INST/RECEIVER	N	4.0	N	
1	CS	FREEZE-NO HD=FREEZE NO	N	10.0		D
1	CT	PREVIOUS-ECN HD=PREVIOUS/ECN	A	7	N	
1	HE	PREV-CUST-ACCT-NO HD=PREV/CUST/ACCT	A	5	N	
1	CU	MFG-NAME HD=MANUFACTURER NAME	A	30	N	
M 1	CW	ENTRY-REF-NO HD=ENTRY/REF NO	N	10.0	N	
M 1	CX	TRANS-NO HD=TRANS/NO	A	3	N	
1	CY	LOCAL-DATA HD=LOCAL/DATA	A	70	N	
1	PA	EXCESS-CASE-NUMBER	A	14	N	D
1	GJ	LOCATION	A	5		D
M 1	DA	PROP-TRNSCTN-ERN-NMBR HD=NPDMS/ENTRY/REF NO	N	12.0	N	
M 1	DB	PROP-TRNSCTN-ID HD=NPDMS/TRANS/id	A	4	N	
1	DC	CAPITALIZATION-AMT HD=Cap Amt	N	9.2	N	
1	AN	HERITAGE-CODE	A	1	N	
1	AS	DEMIL-CODE	A	1	N	

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1 SA FED-SUPPLY-GROUP          A  2  N U  
* ----- SOURCE FIELD(S) -----  
* NATIONAL-STOCK-NO(1-2)
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APPENDIX D - INVENTORY BATCH JCL

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000001 JCLJOB 050010X //IRNEMSTR JOB (AGAOHNEMS002,4201),'NEMS PMGR',CLASS=D,
000002 JCLJOB 050020 X //IRNEMSMP JOB (AGAOHNEMS002,4201),'NEMS PGMR',CLASS=D,
000003 JCLJOB 050030 X //IRNEMSUP JOB (AGAOHNEMS002,4201),'NEMS PGMR',CLASS=D,
000004 JCLJOB 050040 X //IRNEMSLX JOB (AGAOHNEMS002,4201),'NEMS PROG',CLASS=D,
000005 JCLJOB 050060 X //IRNEM999 JOB (AGAOHNEMS002,4201),'NEMS PGMR',CLASS=D,
000006 JCLJOB 050070 X //IRNEMSNT JOB (AGAOHNEMS002,4201),'NEMS PGMR',CLASS=D,
000007 JCLJOB2 050310XXXX X XX// MSGCLASS=I,NOTIFY=MSJOC
000008 JCLJOB2 050320XXXX X XX/*JOBPARM L=150,LINECT=66
000009 JCLOUTP 050330XXXX X XX//HP4201 OUTPUT DEFAULT=NO,CLASS=I,DEST=U1109
000010 JCLOUTP 050340XXXX X XX//HP1342 OUTPUT DEFAULT=NO,CLASS=I,DEST=U1109
000011 JCLOUTP 050350XXXX X XX//HP1602 OUTPUT DEFAULT=NO,CLASS=I,DEST=U1109
000012 JCLEXEC 100010XXXX X XX//NEMSNAT1 EXEC N01Z,DD='DD'+0',PRM='WFOPFA=ON'
000013 JCLDD 100020XXXX X XX//SORTWK01 DD UNIT=SYSDA,SPACE=(CYL,(50,10))
000014 JCLDD 100030XXXX X XX//SORTWK02 DD UNIT=SYSDA,SPACE=(CYL,(50,10))
000015 JCLDD 100040XXXX X XX//SORTWK03 DD UNIT=SYSDA,SPACE=(CYL,(50,10))
000016 JCLDD 100050XXXX X XX//SORTWK04 DD UNIT=SYSDA,SPACE=(CYL,(50,10))
000017 JCLDD 100060XXXX X XX//SORTWK05 DD UNIT=SYSDA,SPACE=(CYL,(50,10))
000018 JCLDD 100070XXXX X XX//SORTWK06 DD UNIT=SYSDA,SPACE=(CYL,(50,10))
000019 JCLDD 100080XXXX X XX//SORTOUT DD DUMMY,DCB=BLKSIZE=80
000020 JCLDD 100090XXXX X XX//DDSORTIN DD DISP=(,DELETE),DCB=RECFM=FB,
000021 JCLDD 100100XXXX X XX// UNIT=SYSDA,SPACE=(CYL,(1,3))
000022 JCLDD 100110XXXX X XX//DDSORTUT DD UNIT=SYSDA,DISP=(,DELETE),DCB=RECFM=FB,SPACE=(CYL,(1,3))
000023 JCLDD 100120XXXX X XX//SYSOUT DD SYSOUT=*
000024 JCLDD 100130XXXX X XX//SORTMSG DD SYSOUT=*
000025 JCLDD 100140XXXX X XX//SYSPRINT DD SYSOUT=*
000026 JCLDD 100150XXXX X XX//DDPRINT DD SYSOUT=*
000027 JCLDD 100160XXXX X XX//CMPRINT DD SYSOUT=(,),OUTPUT=(*.HP4201),COPIES=1
000028 JCLDD1 100165 X //CMPRINT DD DSN=#FILENAME#,
000029 JCLDD1 100166 X // DISP=OLD
000030 JCLPRINT100170 //CMPRINT DD SYSOUT=(,),OUTPUT=(*.HP4201),COPIES=1
000031 JCLDD 100180 X //CMPRT02 DD SYSOUT=(,),OUTPUT=(*.HP4201),COPIES=1
000032 JCLPRINT100190 //CMPRT02 DD SYSOUT=(,),OUTPUT=(*.HP4201),COPIES=1
000033 JCLDD 100200 X X //CMPRT04 DD SYSOUT=(,),OUTPUT=(*.HP1602),COPIES=1
000034 JCLDD 100210 X X //CMPRT05 DD SYSOUT=(,),OUTPUT=(*.HP1342),COPIES=1,DCB=BLKSIZE=84
000035 JCLDD 100300XXXX X XX//CMWKF01 DD SYSOUT=(A,INTRDR),DCB=(RECFM=F,LRECL=80,BLKSIZE=6160)
000036 JCLDD 100320XXXX X XX//CMWKF02 DD DSN=MSIRM.NEMS.JOURNAL,DISP=MOD
000037 JCLMSM02100340 M //CMWKF03 DD DSN=&&WORK3,DISP=(NEW,PASS),
000038 JCLMSM02100345 M // DCB=(RECFM=FB,LRECL=623,BLKSIZE=6230),
000039 JCLMSM02100350 M // UNIT=SYSDA,SPACE=(CYL,(1,3))
000040 JCLMSM02100360 M //CMWKF04 DD DSN=MSIRM.NEMS.MNTHTRNS(+1),
000041 JCLMSM02100370 M // DISP=(NEW,CATLG,DELETE),DCB=(NACCADM.MD,
000042 JCLMSM02100380 M // RECFM=FB,LRECL=623,BLKSIZE=6230),UNIT=SYSDA,
000043 JCLMSM02100390 M // SPACE=(CYL,(1,3))
000044 JCLDD 100410 X X //CMWKF07 DD DISP=(,DELETE),
000045 JCLDD 100420 X X // UNIT=SYSDA,SPACE=(CYL,(1,3)),DCB=RECFM=FB
000046 JCLMSM01100450 M //CMWKF07 DD DISP=(,DELETE),
000047 JCLMSM01100460 M // DCB=(RECFM=FB,LRECL=140,BLKSIZE=1400),
000048 JCLMSM01100470 M // UNIT=SYSDA,SPACE=(CYL,(1,1))
000049 JCLMSA02100500 M //CMWKF08 DD DSN=MSIRM.NEMS.HISTDATA(+1),
000050 JCLMSA02100510 M // DISP=(NEW,CATLG,DELETE),DCB=(NACCADM.MD,
000051 JCLMSA02100520 M // RECFM=FB,LRECL=941,BLKSIZE=9410),UNIT=SYSDA,
000052 JCLMSA02100530 M // SPACE=(CYL,(1,3))
000053 JCLDD 100550 X //CMWKF09 DD DSN=&&NEMSWRK9,DISP=(,DELETE),
000054 JCLDD 100560 X // UNIT=SYSDA,SPACE=(CYL,(1,1)),DCB=(RECFM=FB)
000055 JCLDD 100600 X //CMWKF10 DD DSN=&&NEMSWK10,DISP=(,DELETE),
000056 JCLDD 100610 X // UNIT=SYSDA,SPACE=(CYL,(5,2)),DCB=(RECFM=FB)
000057 JCLDD 100630 X //CMWKF12 DD DSN=MSIRM.NEMS.PROD.TRANSFER,DISP=SHR,

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000058 JCLDD 100640 X // DCB=(RECFM=FB,LRECL=80,BLKSIZE=6160)
000059 JCLDD 100660 X //CMWK13 DD DSN=&&NEMSWK13,DISP=(,DELETE),
000060 JCLDD 100670 X // UNIT=SYSDA,SPACE=(CYL,(10,5),RLSE),
000061 JCLDD 100680 X // DCB=(RECFM=FB,LRECL=240,BLKSIZE=1920)
000062 JCLDD 100700 X //CMWK14 DD DSN=MSIRM.NEMS.NTS.TRANSFER(+1),DISP=(,CATLG,DELETE),
000063 JCLDD 100710 X // DCB=(NACCADM.MD,RECFM=FB,LRECL=720,BLKSIZE=5760),
000064 JCLDD 100720 X // UNIT=SYSDA,SPACE=(CYL,(1,1),RLSE)
000065 JCLDD08 100740 X //CMWK18 DD DSN=MSIRM.NEMSDD.RPT410.DATA08,
000066 JCLDD08 100742 X // UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE),
000067 JCLDD08 100744 X // DCB=(RECFM=FB),DISP=(OLD,KEEP,KEEP)
000068 JCLDD81 100750 X //CMWK18 DD DSN=MSIRM.NEMSDD.RPT410.DATA81,
000069 JCLDD81 100752 X // UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE),
000070 JCLDD81 100754 X // DCB=(RECFM=FB),DISP=(OLD,KEEP,KEEP)
000071 JCLDD 100760 X //CMWK19 DD DUMMY
000072 JCLDD 100780XXXX X XX//CMSYNIN DD *
000073 JCLNATLG100790X XX X X NEDEV,NEBATCH
000074 JCLNATLG100800X XX X X %*
000075 JCLNATLG100810X XX X X NEBATCH
000076 JCLPGM 100820X JCLCHKP1 UTIL 01 2
000077 JCLPGM 100830 X JCLCHKP1 UTIL 02 2
000078 JCLPGM 100840 X JCLCHKP1 UTIL 03 2
000079 JCLPGM 100850 JCLCHKP1 UTIL 05 2
000080 JCLPGM 100860 X JCLCHKP1 UTIL 11 2
000081 JCLPGM 100870 XJCLCHKP1 UTIL 12 2
000082 JCLPGM 100880 X MSD005P1
000083 JCLPGM 100890 X MSD001P1
000084 JCLPGM 100900 MSD009P1 _____/* X OUT OF CNTL 3 TO REMOVE 1342 PRINTS NEMS
000085 JCLPGM 100910 X RPT999P1

7. 000086 JCLPGM1 100915 X NEADOSP2

000087 JCLPGM 100920 X MSD008P1
000088 JCLPGM 100930 MSD008P8
000089 JCLMAINT100940 X MSZ099P1
000090 JCLPGM 100950 X INVBCHP1
000091 JCLPGM 100960 X TRN062PA
000092 JCLPGM 100970 MSD008P1
000093 JCLNAT 100980XXXX X XXFIN
000094 JCLECARD100990XXXX X XX/*
000095 JCLEXEC 400010XXX XX//NEMSNAT2 EXEC N01Z,DD='DD=+0',COND=(0,NE)
000096 JCLDD 400020XXX XX//SORTWK01 DD UNIT=SYSDA,SPACE=(CYL,(50,10))
000097 JCLDD 400030XXX XX//SORTWK02 DD UNIT=SYSDA,SPACE=(CYL,(50,10))
000098 JCLDD 400040XXX XX//SORTWK03 DD UNIT=SYSDA,SPACE=(CYL,(50,10))
000099 JCLDD 400050XXX XX//SORTWK04 DD UNIT=SYSDA,SPACE=(CYL,(50,10))
000100 JCLDD 400060XXX XX//SORTOUT DD DUMMY,DCB=BLKSIZE=80
000101 JCLDD 400070XXX XX//DSDSORTIN DD DISP=(,DELETE),DCB=RECFM=FB,
000102 JCLDD 400080XXX XX// UNIT=SYSDA,SPACE=(CYL,(1,3))
000103 JCLDD 400090XXX XX//DSDSORTUT DD UNIT=SYSDA,DISP=(,DELETE),SPACE=(CYL,(1,3)),DCB=RECFM=FB
000104 JCLDD 400100XXX XX//SYSOUT DD SYSOUT=*
000105 JCLDD 400110XXX XX//SORTMSG DD SYSOUT=*
000106 JCLDD 400120XXX XX//SYSPRINT DD SYSOUT=*
000107 JCLDD 400130XXX XX//SYSUDUMP DD SYSOUT=*
000108 JCLDD 400140XXX X XX//DDPRINT DD SYSOUT=*
000109 JCLPRINT400150XXX XX//CMPRINT DD SYSOUT=(,),OUTPUT=(*.HP4201),COPIES=1
000110 JCLDD 400160XXX XX//CMWK10 DD SYSOUT=(A,INTRDR),DCB=(RECFM=F,LRECL=80,BLKSIZE=6160)
000111 JCLDD 400170XXX XX//CMWK15 DD DSN=MSIRM.NEMS.JOURNAL,DISP=MOD
000112 JCLDD 400200 X //CMWK18 DD DSN=MSIRM.NEMSDD.IFMEXT,
000113 JCLDD 400210 X // DISP=(OLD,KEEP,KEEP),SPACE=(TRK,(5,3),RLSE),UNIT=SYSDA,
000114 JCLDD 400220 X // DCB=(RECFM=VB)
000115 JCLDD 400240 X //CMWK16 DD DSN=MSIRM.NEMSDD.IFMFTP.SYSIN(+0),DISP=OLD
000116 JCLDD 400260 X //CMWK17 DD DSN=MSIRM.NEMSDD.IFMFTP.SYSIN(+1),DISP=(NEW,CATLG),

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000117 JCLDD 400270 X // DCB=(RECFM=FB,LRECL=80,BLKSIZE=800),SPACE=(TRK,(3,1),RLSE),
000118 JCLDD 400280 X // UNIT=SYSDA
000119 JCLDD 400400XXX XX//CMSYNIN DD *
000120 JCLNATLG400410X X X NEDEV,NEBATCH
000121 JCLNATLG400420X X X %*
000122 JCLNATLG400430X X X NEBATCH
000123 JCLPGM 400440X JCLCHKP1 UTIL 01 8
000124 JCLPGM 400450 X JCLCHKP1 UTIL 02 8
000125 JCLPGM 400460 X MSD011P1
000126 JCLPGM 400470 X JCLCHKP1 UTIL 03 8
000127 JCLPGM 400480 JCLCHKP1 UTIL 05 8
000128 JCLPGM 400490 D MSD004P1
000129 JCLPGM 400500 X JCLCHKP1 UTIL 11 8
000130 JCLPGM 400510 XJCLCHKP1 UTIL 12 8
000131 JCLNAT 400520XXX XXFIN
000132 JCLECARD400530 X /*
000133 JCLEXEC 400600 X //FTP02 EXEC PGM=FTP,COND=(4,LE),PARM='(EXIT'
000134 JCLDD 400610 X //SYSUDUMP DD SYSOUT=*
000135 JCLDD 400620 X //SYSPRINT DD SYSOUT=*
000136 JCLDD 400630 X //FTPSLOG DD SYSOUT=*
000137 JCLDD 400640 X //FTPOUT DD SYSOUT=*
000138 JCLDD 400650 X //SYSIN DD DSN=MSIRM.NEMSDD.IFMFTP.SYSIN(+1),DISP=(OLD)
000139 JCLECARD400660XX XX/*
000140 JCLEXEC 500010XXXX X XX//NEMSNA3 EXEC N01Z,DD='DD'+0',COND=ONLY
000141 JCLDD 500020XXXX X XX//SORTWK01 DD UNIT=SYSDA,SPACE=(CYL,(50,10))
000142 JCLDD 500030XXXX X XX//SORTWK02 DD UNIT=SYSDA,SPACE=(CYL,(50,10))
000143 JCLDD 500040XXXX X XX//SORTWK03 DD UNIT=SYSDA,SPACE=(CYL,(50,10))
000144 JCLDD 500050XXXX X XX//SORTWK04 DD UNIT=SYSDA,SPACE=(CYL,(50,10))
000145 JCLDD 500060XXXX X XX//SORTOUT DD DUMMY,DCB=BLKSIZE=80
000146 JCLDD 500070XXXX X XX//DDSORTIN DD DISP=(,DELETE),DCB=RECFM=FB,
000147 JCLDD 500080XXXX X XX// UNIT=SYSDA,SPACE=(CYL,(1,3))
000148 JCLDD 500090XXXX X XX//DDSORTUT DD UNIT=SYSDA,DISP=(,DELETE),DCB=RECFM=FB,SPACE=(CYL,(1,3))
000149 JCLCOMM 500100XXXX X XX/*
000150 JCLDD 500110XXXX X XX//SYSOUT DD SYSOUT=*
000151 JCLDD 500120XXXX X XX//SORTMSG DD SYSOUT=*
000152 JCLDD 500130XXXX X XX//SYSPRINT DD SYSOUT=*
000153 JCLSPRNT500140 P //SYSPRINT DD SYSOUT=*,COPIES=01
000154 JCLDD 500150XXXX X XX//SYSUDUMP DD SYSOUT=*
000155 JCLDD 500160XXXX X XX//DDPRINT DD SYSOUT=*
000156 JCLPRINT500170XXXX XX//CMPRINT DD SYSOUT=(,),OUTPUT=(*.HP4201),COPIES=1
000157 JCLSPRNT500180 P //CMPRINT DD SYSOUT=(,),OUTPUT=(*.HP4201),COPIES=1
000158 JCLDD 500190XXXX X XX//CMWKF01 DD SYSOUT=(A,INTRDR),DCB=(RECFM=F,LRECL=80,BLKSIZE=6160)
000159 JCLDD 500200XXXX X XX//CMWKF02 DD DSN=MSIRM.NEMS.JOURNAL,DISP=MOD
000160 JCLDD 500300XXXX X XX//CMSYNIN DD *
000161 JCLNATLG500310X XX X X NEDEV,NEBATCH
000162 JCLNATLG500320X XX X X %*
000163 JCLNATLG500330X XX X X NEBATCH
000164 JCLPGM 500340X JCLCHKP1 UTIL 01 9
000165 JCLPGM 500350 X JCLCHKP1 UTIL 02 9
000166 JCLPGM 500360 X JCLCHKP1 UTIL 03 9
000167 JCLPGM 500370 JCLCHKP1 UTIL 05 9
000168 JCLPGM 500380 X JCLCHKP1 UTIL 11 9
000169 JCLPGM 500390 XJCLCHKP1 UTIL 12 9
000170 JCLPGM2 500400XXXX X XXJRNRP1
000171 JCLNAT 500410XXXX X XXFIN
000172 JCLECARD500420XXXX X XX/*
000173 JCLEXEC 900010XXXX X XX//NEMSNA4 EXEC N01Z,DD='DD'+0',COND=EVEN
000174 JCLDD 900020XXXX X XX//SORTLIB DD DSN=SYS1.SORTLIB,DISP=SHR
000175 JCLDD 900030XXXX X XX//SORTWK01 DD UNIT=SYSDA,SPACE=(CYL,(50,10))
000176 JCLDD 900040XXXX X XX//SORTWK02 DD UNIT=SYSDA,SPACE=(CYL,(50,10))
000177 JCLDD 900050XXXX X XX//SORTWK03 DD UNIT=SYSDA,SPACE=(CYL,(50,10))
000178 JCLDD 900060XXXX X XX//SORTWK04 DD UNIT=SYSDA,SPACE=(CYL,(50,10))

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000179 JCLDD 900070XXXX X XX//SORTOUT DD DUMMY,DCB=BLKSIZE=80
000180 JCLDD 900080XXXX X XX//DDSORTIN DD DISP=(,DELETE),DCB=RECFM=FB,
000181 JCLDD 900090XXXX X XX// UNIT=SYSDA,SPACE=(CYL,(1,3))
000182 JCLDD 900100XXXX X XX//DDSORTUT DD UNIT=SYSDA,DISP=(,DELETE),DCB=RECFM=FB,SPACE=(CYL,(1,3))
000183 JCLDD 900120XXXX X XX//SYSOUT DD SYSOUT=*
000184 JCLDD 900130XXXX X XX//SORTMSG DD SYSOUT=*
000185 JCLDD 900140XXXX X XX//SYSPRINT DD SYSOUT=*
000186 JCLSPRNT900150 P //SYSPRINT DD SYSOUT=*,COPIES=01
000187 JCLDD 900160XXXX X XX//SYSUDUMP DD SYSOUT=*
000188 JCLDD 900170XXXX X XX//DDPRINT DD SYSOUT=*
000189 JCLPRINT900180XXXX XX//CMPRINT DD SYSOUT=(,),OUTPUT=(*.HP4201),COPIES=1
000190 JCLSPRNT900190 P //CMPRINT DD SYSOUT=(,),OUTPUT=(*.HP4201),COPIES=1
000191 JCLCOMM 900200XXXX X XX//*
000192 JCLDD 900210XXXX X XX//CMWKF01 DD SYSOUT=(A,INTRDR),DCB=(RECFM=F,LRECL=80,BLKSIZE=6160)
000193 JCLDD 900220XXXX X XX//CMWKF02 DD DSN=MSIRM.NEMS.JOURNAL,DISP=MOD
000194 JCLDD 900300 X //CMWKF03 DD DSN=MSIRM.NEMS.JOURNAL,DISP=OLD
000195 JCLDD 900350 X //CMWKF20 DD DSN=MSIRM.NEMSDD.ADOSS.SYSIN,

8. 000196 JCLDD 900351 X // DISP=OLD

000197 JCLDD 900500XXXX X XX//CMSYNIN DD *
000198 JCLNATLG900510X XX X X NEDEV,NEBATCH
000199 JCLNATLG900520X XX X X %*
000200 JCLNATLG900530X XX X X NEBATCH
000201 JCLPGM 900540XXXX XXJCLGENP1 GEN
000202 JCLPGM2 900550 X JCLCHKP1 GLBL
000203 JCLPGM2 900560 X JCLCHKP1 REPT
000204 JCLPGM 900570 X JRNRPTP1
000205 JCLPGM 900580 X JRNCLRP1
000206 JCLPGM2 900585 X NEADOSP1
000207 JCLNAT 900590XXXX X XXFIN
000208 JCLEXEC 900600 X //FTP04 EXEC PGM=FTP,COND=(4,LE),PARM='(EXIT'
000209 JCLDD 900610 X //SYSUDUMP DD SYSOUT=*
000210 JCLDD 900620 X //SYSPRINT DD SYSOUT=*
000211 JCLDD 900630 X //FTPSLOG DD SYSOUT=*
000212 JCLDD 900640 X //FTPOUT DD SYSOUT=*
000213 JCLDD 900650 X //SYSIN DD DSN=MSIRM.NEMSDD.ADOSS.SIGNON,DISP=OLD
000214 JCLDD 900660 X // DD DSN=MSIRM.NEMSDD.ADOSS.SYSIN,DISP=OLD
000215 JCLECARD900670XXXX X XX/*
000216 JCLEOF 999999XXXX X XX//

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