

NASA EQUIPMENT MANAGEMENT SYSTEM (NEMS) PROPERTY CUSTODIAN MODULE (PCM) DETAIL DESIGN SPECIFICATIONS (DDS)

Release 3.9

NEMSPCM-DDS-08

PrISMS Contract

March 1997



National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, AL 35812

NEMS PCM
DETAIL DESIGN SPECIFICATION
RELEASE 3.9

Submitted by

Jim Crowell **Date**
Functional Area Lead

Reviewed by

CSC

Steve Rowell **Date**
Agencywide IRM, Property and
Procurement Systems

Jim Cofer **Date**
Configuration Management

Hector Garcia **Date**
Agencywide IRM

Richard Bishop **Date**
Data Base Administrator (DBA)

Prepared by

Computer Sciences Corporation, Contract NAS8-60000
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

March 1997

NEMS PCM
DETAIL DESIGN SPECIFICATION
RELEASE 3.9

Approved by

Sheila Fogle **Date**
Consolidation Center
Project Manager

Nikita Zurkin **Date**
Program Functional Manager

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

March 1997

1. INTRODUCTION.....	1
1.1 IDENTIFICATION	1
1.1.1 System Description	1
1.1.2 NASA Form (NF) 1602.....	2
1.1.3 Requirements.....	2
1.1.4 Design Characteristics	3
1.2 PURPOSE	3
1.3 SCOPE	3
2. CSCI DEFINITION	4
2.1 WELCOME SCREEN (PCMMAP)	4
2.2 WARNING SCREEN (MNUC00M1)	5
2.3 MAIN SELECTION SCREEN (MNUC01M1)	6
2.3.1 Main Selection Screen For Multiple Custodian Accounts MNUC01M1).....	7
2.4 SYSTEM ADAPTABLE UTILITIES	8
2.4.1 NAV100P1	8
2.4.2 NAV100P1 External Parameters.....	8
2.4.3 NAV100P1 Inputs	8
2.4.4 NAV100P1 Processing.....	8
2.4.5 NAV100P1 Outputs.....	8
2.5 ELECTRONIC SIGNATURES	9
2.5.1 Interfaces	9
2.5.2 Common Variable Data.....	9
2.5.3 Electronic Signatures Architecture Decomposition	10
2.6 CUSTODIAN TRANSACTIONS.....	36
2.6.1 Interfaces	37
2.6.2 Common Variable Data.....	37
2.6.3 Custodian Transactions Architecture Decomposition	37
2.7 REPORTS	75
2.7.1 Interfaces	76
2.7.2 Common Variable Data.....	76
2.7.3 Reports Architecture Decomposition	76
2.8 TABLE MAINTENANCE	89
2.8.1 INTERFACES	90
2.8.2 Common Variable Data.....	90
2.8.3 Table Maintenance Architecture Decomposition	90
2.9 OVERNIGHT BATCH PROCESSING COMPONENT	105
2.9.1 Interfaces	106
2.9.2 Common Variable Data.....	106
2.9.3 Overnight Batch Processing Architecture Decomposition.....	106
2.10 CHANGE CUSTODIAN ACCOUNT.....	109
2.10.1 Interfaces	109
2.10.2 Common Variable Data.....	109

2.10.3 Change Custodian Account Decomposition.....	109
3. DATABASE SPECIFICATION.....	111
3.1 DATA DICTIONARY	111
3.2 DATABASE MANAGEMENT SYSTEM	111
3.3 DATA STRUCTURE	111
3.4 PHYSICAL FILES	111
3.4.1 Pending File	111
3.4.2 TRANSACTION AUTHORITY TABLE (TABLE C69)	132
3.4.3 ACCEPT REJECT REASON TABLE (TABLE C70)	137
3.4.4 TRANSACTION NUMBER TABLE (NEMS TABLE 621).....	138
APPENDIX A - ACRONYMS	140
APPENDIX B - APPLICABLE DOCUMENTS	141
APPENDIX C - PCM SYSTEM FIGURES	143

1. INTRODUCTION

1.1 IDENTIFICATION

This document is identified as the NASA Equipment Management System (NEMS) Property Custodian Module (PCM) Design Specification.

1.1.1 System Description

NEMS is an Agencywide system whose purpose is to simplify, standardize, and reduce the cost of tracking and managing over 600,000 NASA equipment items. NEMS is a transaction-based system that links every controlled equipment item to a unique Equipment Control Number (ECN). The ECN acts as a cross-reference and effectively ties the actual item of equipment to that item's record in the NEMS database. The uniqueness of the ECN permits NASA to maintain a standard system and yet provide each of the Installations and Headquarters complete control and responsibility over its own portion of the data.

The NEMS is a distributed, as well as a centralized, system. It is a distributed system in that each Installation has a database containing its own equipment data, and that the actual processing of equipment management transactions is done at the Installations. It is centralized in that a common agencywide database is maintained at a single site (Headquarters). This database is actually a concatenation of each Installation's database. The transactions processed at each Installation during the day are transmitted to the central site the next day and are processed against the central database the next night, placing the central database two days behind the Installations' databases. Each Installation can query the central database online for the purpose of screening equipment available for redistribution. The central database is also used to track the transfer of equipment between Installations and to maintain agencywide statistics and standards for nomenclature.

The NEMS application is comprised of five subsystems:

1. ADHOC INQUIRIES SUBSYSTEM
2. EQUIPMENT FILE UPDATE SUBSYSTEM
3. REPORT SELECTION SUBSYSTEM
4. TABLE FILE UPDATE SUBSYSTEM
5. SYSTEM MAINTENANCE SUBSYSTEM

The Property Custodian Module of NEMS (NEMSPCM) is designed as an extension of NEMS which provides an interface to approve equipment status by "Electronic Signatures" of the Property Custodian and/or NEMS Equipment

Manager (hereafter, throughout this document referred to as Manager). The use of the term Electronic Signatures in this document refers to password protection and should not be confused with ongoing National Institute of Standards and Technology (NIST) initiatives with Digital and Electronic Signatures. The NEMSPCM user may have access to all or part of the NEMS system, depending upon the user's access authority level.

The NEMS database is established and maintained under the ADABAS environment. There are approximately 700 program modules, all written in NATURAL, the ADABAS online interactive processing language. The database is comprised of the following twelve files:

1. Equipment file
2. History file
3. Table file
4. Daily transaction file
5. Monthly transaction file
6. Report request file
7. Global transaction file
8. Control file
9. Transfer file
10. Inventory file
11. Bar code file
12. Inventory status file

1.1.2 NASA Form (NF) 1602

Currently, and NF 1602 must be generated whenever there is a change in status to a piece of equipment such as a change of location or a change of custodians. This form is routed for appropriate signatures, i.e., NEMS control and the Manager. The NEMSPCM will eliminate the manually generated NF 1602 by enabling the Managers, Property Custodians, and NEMS Control to sign for these transactions online by means of an "Electronic Signature."

1.1.3 Requirements

The operating environment for NEMSPCM includes:

- a. Processor and Internal Storage - NEMSPCM is designed to operate within the hardware and software environment defined in the NASA Program Guidance, Volume III, Standards and Guidelines.
- b. Online and Off-line Input/Output Devices - IBM 3270 protocol terminals and PCs are to be used with the NEMSPCM. They must have an 80 x 40 line screen size and be linked to the IBM 4341 computer via controllers. A line printer must be available.
- c. Support Software - The NEMSPCM will be written in NATURAL 2.1 SM6 (Structured mode) using ADABAS 5.1 SM6 as the Data Base Management System (DBMS). The vendor for both products is Software A.G.
- d. Security and Privacy - Numerous levels of security are designed into the NEMSPCM. Access to each Installation's computer is controlled with user

identifications (userids) and passwords. Access to the NEMSPCM will also be controlled by additional userids and passwords required by NATURAL SECURITY and access to sensitive authorization signatures will be stored in an encrypted file using ADABAS SECURITY.

1.1.4 Design Characteristics

The NEMSPCM is designed to work in conjunction with NEMS and in no way diminishes the processing capability of NEMS. The NEMSPCM may be employed fully, partially (some custodians use it, and others do not), or not at all. This decision will be made at the Installation level.

Full implementation of the NEMSPCM will impose much greater demands on system resources. Each Installation must do an impact analysis to determine what level of implementation is feasible.

The NEMSPCM System Flow, both batch and online, is illustrated in the flowcharts in Figure 1.1.4.2, Appendix B. Batch job requests will be included with the regular scheduled NEMS overnight processing.

1.2 PURPOSE

This Design Specification describes in detail the structure and organization of each software unit in the NEMSPCM. It specifies the structure of the software components that comprise the software and data relationships that tie the software components together. The design specifies a level of detail that leads directly to the production of source code. The data definition provides criteria for software development, testing, and component integration.

The NEMSPCM will reduce the amount of NEMS paperwork by automating the 1602 processing. Property Custodians and NEMS Control will be able to process online transactions primarily dealing with equipment ownership. A capability will exist to provide electronic signatures to the system, materially reducing the need for manually generated hardcopy.

1.3 SCOPE

This Data Item Description (DID) defines the complete NEMSPCM and will include a detailed definition of interfaces, data, and processing Computer Software Configuration Items (CSCI). It includes detailed definitions of interfaces between CSCIs, hardware configuration items, and other software systems.

Section 2.0, CSCI Definitions, decomposes each Top Level Computer Software Components (TLCSC) into Lower Level Computer Software Components (LLCSC) and the internal logic of each software unit. This section may be developed incidentally as each CSCI is defined.

2. CSCI DEFINITION

The NEMSPCM is broken down into the five TLCSCs illustrated in Figure 2.3, Appendix B. Each TLCSC entity represents a selection on the main selection menu screen in the NEMSPCM. The following subsections define each TLCSC and associated Lower Level Computer System Configuration (LLCSC) Entities in detail. In addition, all controlling programs (Units) will be identified and defined at a level of detail from which code may be written. The following screen represents the main selection menu. The user will access the five components from this screen.

2.1 WELCOME SCREEN (PCMMAP)

```
WELCOME TO THE

**      **      ***** **      **      *****      *****      ***** **      **
***     **      ***** ***     **      *****      *****      ***** ***     **
****    **      **      ***** **      *      **      **      **      *****
** **   **      ***** ** * **   **      **      *****      **      * **
** ** ** ***** **      **      **      **      *****      **      **
** ***** **      **      **      *      **      **      **      **      **
**      *** ***** **      **      *****      **      *****      **      **
**      ** ***** **      **      *****      **      *****      **      **

      NASA EQUIPMENT MANAGEMENT SYSTEM      PROPERTY CUSTODIAN MODULE

                                VERSION 3.9; MARCH 25, 1997

                                (PRESS ENTER TO CONTINUE)
```

- a. PCMMAP External Parameters - None
- b. PCMMAP Inputs - None
- c. PCMMAP Processing - None
- d. PCM MAP Outputs - None

2.2 WARNING SCREEN (MNUC00M1)

```

**          ** ***  *****  **      ** **** **      ** *****
**          ** ** ** *****  ***     ** **  ***  ** *****
**          ** **  ** ** ** **  ****   ** **  ****  ** ** **
**          ** **  ** *****  ** **  **  **  ** ** ** **
** **** ** ***** *****  ** ** **  ** ** ** ** ** ** **
** **** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** **
**** **** ** ** ** ** ** ** ** ** ** ** ** **
** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** **

```

THE NEMS OVERNIGHT PROCESSING DID NOT
RUN SUCCESSFULLY LAST NIGHT.

PLEASE CONTACT: XXXXXXXXXXXXX
AT: 999999999

BEFORE CONTINUING

PRESS ENTER TO CONTINUE

- a. MNUC00M1 External Parameters - None
- b. MNUC00M1 Inputs - None
- c. MNUC00M1 Processing - None
- d. MNUC00M1 Outputs - None

2.3 MAIN SELECTION SCREEN (MNUC01M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: MNUC01P1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      MNUC01M1     INSTALLATION NAME

                          MAIN SELECTION SCREEN

                          ENTER FUNCTION OR 'X' TO EXIT: _____

                          1. ELECTRONIC SIGNATURES/PASSWORD
                          2. CUSTODIAN TRANSACTIONS
                          3. SUPER NATURAL
                          4. REPORT SELECTION
                          5. TABLE FILE PROCESSING

                          YOU ARE LOGGED ON AS CUSTODIAN ACCOUNT: 99999
```

e. MNUC01M1 External Parameters - None

f. MNUC01M1 Inputs

#FUNCTION (A10)

g. MNUC01M1 Processing - None

h. MNUC01M1 Outputs

#COMM-CUST-ACCT-NO (A5)

2.3.1 Main Selection Screen For Multiple Custodian Accounts MNUC01M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: MNUC01P1      PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:      MNUC01M1    INSTALLATION NAME

                          MAIN SELECTION SCREEN

                          ENTER FUNCTION OR 'X' TO EXIT: _____

                          1. ELECTRONIC SIGNATURES/PASSWORD
                          2. CUSTODIAN TRANSACTIONS
                          3. SUPER NATURAL
                          4. REPORT SELECTION
                          5. TABLE FILE PROCESSING

                          YOU ARE LOGGED ON AS CUSTODIAN ACCOUNT: 99999
```

a. MNUC01M1 External Parameters - None

b. MNUC01M1 Inputs

#FUNCTION (A10)

c. MNUC01M1 Processing - None

d. MNUC01M1 Outputs

#COMM-CUST-ACCT-NO (A5)

2.4 SYSTEM ADAPTABLE UTILITIES

2.4.1 NAV100P1

This module controls the direct command processing which will allow the user to freely navigate between screens without relying on the usual sequential tree approach.

2.4.2 NAV100P1 External Parameters

None

2.4.3 NAV100P1 Inputs

A ten character field in the format '=A.BBB.CCC'

'=' designates the value as a direct command

'A' is the first level of the tree structure

'B' is the second level of the tree structure

'C' is the third level of the tree structure

'=Q' will take you out of NEMSPCM

'=O' will take you to MNUC01P1

'=X' will take you to MNUC01P1 and put the 'X' in the input field. If you press ENTER again, the 'X' will be executed.

2.4.4 NAV100P1 Processing

See NEMS Specifications for processing requirements

2.4.5 NAV100P1 Outputs

None

2.5 ELECTRONIC SIGNATURES

An electronic signature for purpose of this document is an authorized computer password used in lieu of a pen and paper signature. The terms "Electronic Signature" and "Password" are used interchangeably in this document. An electronic signature will be entered whenever a Property Custodian or a Manager wishes to sign off on a transaction; when any user of the NEMSPCM desires to change his/her password; and after any transaction has been requested.

2.5.1 Interfaces

This component will interface with the Custodian Transaction component

2.5.2 Common Variable Data

A Common Area will be passed to all modules. This area is as follows:

#COMM-AUTHA	(A1)
#COMM-AUTHE	(A1)
#COMM-AUTHM	(A1)
#COMM-AUTHR	(A1)
#COMM-AUTHT	(A1)
#COMM-AUTHC	(A1)
#COMM-DIRECT-CMD	(A10)
REDEFINE #COMM-DIRECT-CMD	
(#COMM-PATH-IND (A1) #COMM-LEVELS (A9))	
REDEFINE #COMM-LEVELS (#COMM-PATH-LVL-1 (A1))	
REDEFINE #COMM-PATH-LVL-1	
(#COMM-PATH-LVL-1-NUM (N1))	
#COMM-FUNCTION	(A1)
#COMM-ECN	(A1)
#COMM-FROM-PGM	(A8)
#COMM-UINSTN	(A4)
REDEFINE #COMM-UINSTN	
(#COMM-UINSTA (N2) #COMM-UINSTS (N2))	
#COMM-DEBUG	(N1)
#COMM-NOTIFY	(A70)
#COMM-INST-NAME	(A40)
#COMM-ERR-CODE	(A3)
#COMM-ERR-COUNT	(A2)
#COMM-ERR-MESSAGE1	(A78)
#COMM-ERR-MESSAGE2	(A78)
#COMM-ERR-MESSAGE3	(A78)
#COMM-CUST-ACCT-NO	(A5)

#COMM-REPORT-NO	(A3)
#COMM-LOCAL-DATA	(A70)
#COMM-RPT-PARMS	(A150)
#COMM-REPAIR-SW	(A1)

2.5.3 Electronic Signatures Architecture Decomposition

See Figure 2.5.3, Appendix B.

The Electronic Signature Component will be selected whenever a signature is required. The Property Custodian will need to know the Equipment Control Number (ECN) of the record to be changed. A message will be added to the bottom of the screen to alert the Property Custodian of pending actions.

2.5.3.1 The Electronic Signature Components are presented as screen displays as follows: Electronic Signatures (SGN000M1)

(Manager's Screen)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: YY-MM-DD
PROGRAM: SGN000P1      PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:      SGN000M1      INSTALLATION NAME
```

ELECTRONIC SIGNATURES/PASSWORD

ENTER FUNCTION OR 'X' TO EXIT: _____

1. CHANGE SIGNATURE/PASSWORD
2. TRANSACTIONS AWAITING
3. TRANSACTIONS WHICH HAVE BEEN REJECTED
4. TRANSACTIONS AWAITING OTHER ACCEPTANCE/APPROVAL

OPTION 2: will allow a Gaining Custodian to approve transfer of items to their account or allow the Manager to approve custodian transactions
OPTION 3: will display a list of items rejected
OPTION 4: will display a list of custodian transactions awaiting other acceptance/approval.

(Custodian's Screen)

```
USER-ID: XXXXXX        NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: YY-MM-DD
PROGRAM: SGN000P1      PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:      SGN000M1      INSTALLATION NAME
```

ELECTRONIC SIGNATURES/PASSWORD

ENTER FUNCTION OR 'X' TO EXIT: _____

1. CHANGE SIGNATURE/PASSWORD
2. TRANSACTIONS AWAITING
3. TRANSACTIONS WHICH HAVE BEEN REJECTED
4. TRANSACTIONS AWAITING OTHER ACCEPTANCE/APPROVAL

OPTION 2: will allow a Gaining Custodian to approve transfer of items to their account or allow the Manager to approve custodian transactions
OPTION 3: will display a list of items rejected
OPTION 4: will display a list of custodian transactions awaiting other acceptance/approval.

- a. SGN000P1 External Parameters - None
- b. SGN000P1 Inputs - #EXIT (A10)
- c. SGN000P1 Processing - Accept the option to be processed. Fetch either SGN001P1, SGN003P1, SGN003P2, SGN005P2, SGN005P1, NAV100P1, or MNUC01P1.
- d. SGN000P1 Outputs - None

2.5.3.2 Change Signature (SGN001M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: YY-MM-DD
PROGRAM: SGN000P1      PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:      SGN001M1      INSTALLATION NAME

                          CHANGE SIGNATURE

                          ENTER CURRENT SIGNATURE/PASSWORD:

                          ENTER NEW SIGNATURE/PASSWORD:

                          ENTER 'C' TO CANCEL: _____

Please Note:  Signature fields will not display on the screen; therefore when
              either field is in error, both fields must be re-entered.
```

a. SGN001P1 External Parameters - None

b. SGN001P1 Inputs

#CURR-SIGNATURE (A8)

#NEW SIGNATURE (A8)

#EXIT (A10)

c. SGN001P1 Processing

Compare #CURR-SIGNATURE to the AUTH-SIGNATURE in Table C69. If they match then reinput the new signature. The new signature must be entered exactly the same twice. When the new signature is entered correctly twice, update Table C69 AUTH-SIGNATURE with #NEW-SIGNATURE. Upon completion, Fetch NAV100P1, or SGN001P1.

d. SGN001P1 Outputs

#NEW-SIGNATURE

2.5.3.3 Transactions Requiring Gaining Custodian's Signature (SGN003M1)

```

USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: SGN003P1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      SGN003M1          INSTALLATION NAME

      TRANSACTIONS REQUIRING SIGNATURE OF GAINING CUSTODIAN
SENDING          TRANS          TRANS          REJ          REJ          APPROVAL
CUSTODIAN          ECN          NO          DATE          REJ          REASON          DATE          NEEDED
-----

TO PROCESS A RECORD, MOVE CURSOR TO RECORD LINE AND PRESS <ENTER>
ENTER 'N' FOR NEXT PAGE, 'T' FOR TOP OF LIST, OR 'X' TO EXIT: _____
  
```

a. SGN003P1 External Parameters - None

b. SGN003P1 Inputs

- #ECN (A7)
- #EXIT (A10)
- #ACCEPT-REJECT (A1)
- #ACCEPT-CODE (A1)

c. SGN003P1 Processing

The user will enter the ECN of the record on the Pending File which requires a signature. This ECN will be passed to SGN003P1. The user may also select the cancel option and return to the electronic signatures main menu (SGN001P1) or enter a direct command and NAV100P1 will be fetched. A message will be displayed identifying the action receiving the signature.

d. SGN003P1 Outputs

- #ECN

2.5.3.4 View Screen - 1 (Transaction C26)

```

USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNUPDS1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:   TRNUPDM1        INSTALLATION NAME

ECN:                   TRANSACTION NO:                   TRANSACTION DATE:
ITEM NAME:

      EQUIPMENT FILE VALUES                                PENDING FILE VALUES
CUST ACCT NO:          COND CODE:                          CUST ACCT NO:          COND CODE:
USER NO:               FREEZE NO:                          USER NO:               FREEZE NO:
AVAIL STATUS CODE:    INST-RECV: 0                        AVAIL STATUS CODE:    INST-RECV: 0
MODEL NO:
SERIAL NO:
L/L DOCUMENT NO:
LOCATION - ZIP:          BUILD:                               LOCATION - ZIP:          BUILD:
LOCATION - ROOM:        GRID LOC:                            LOCATION - ROOM:        GRID LOC:
DATE STORAGE DUE:
LOCAL DATA:
(EQUIP):
(PEND):

                                           ENTER OPTION:  ___
                                           REJ REASON   :  ___

```

Modified Option prompt on Display screen when there is an Inventory Underage or Overage discrepancy:

```

USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNUPDS1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:   TRNUPDM1        INSTALLATION NAME

ECN:                   TRANSACTION NO:                   TRANSACTION DATE:
ITEM NAME:

      EQUIPMENT FILE VALUES                                PENDING FILE VALUES
CUST ACCT NO:          COND CODE:                          CUST ACCT NO:          COND CODE:
USER NO:               FREEZE NO:                          USER NO:               FREEZE NO:
AVAIL STATUS CODE:    INST-RECV: 0                        AVAIL STATUS CODE:    INST-RECV: 0
MODEL NO:
SERIAL NO:
L/L DOCUMENT NO:
LOCATION - ZIP:          BUILD:                               LOCATION - ZIP:          BUILD:
LOCATION - ROOM:        GRID LOC:                            LOCATION - ROOM:        GRID LOC:
DATE STORAGE DUE:
LOCAL DATA:
(EQUIP):
(PEND):

ENTER 'R+reason' (Reject), 'X' (Exit)
ECN is inv xxxxxxxxx. Can not approve. Recommend Rej: 'IV'   ENTER OPTION: R
                                                                REJ REASON   : IV

```

a. TRNUPDS1 External Parameters - None

b. TRNUPDS1 Inputs

#FUNCTION (A2)

#R-REASON (A2)

c. TRNUPDS1 Processing

If #FUNCTION = 'X', FETCH SGN003P1. If #FUNCTION = 'R', prompt for #R-REASON and FETCH SGNC00S1 or SGNC00S2. If #FUNCTION = 'A', FETCH SGNC00S1 or SGNC00S2. Choice of SGNC00S1 versus SGNC00S2 depends on whether or not Inventory warnings are displayed.

For Transaction C26 and C52, warnings are displayed if the current or gaining CUST-ACCT-NO is an open and unprocessed inventory account, or if Grid Location is changed and the current or gaining Grid Location is an open and unprocessed inventory account. If an inventory warning is displayed, another message is displayed giving the pending value for Date-Inventoried.

If there is an inventory discrepancy, then Function = 'A' is not permitted and the user is prompted to reject the transaction with reason = 'IV'.

d. TRNUPDS1 Outputs - None.

2.5.3.5 View Screen -1 (Transaction C52)

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: YY-MM-DD
PROGRAM: TRNUPDS1	PROPERTY CUSTODIAN SUBSYSTEM	TIME: HH:MM:SS
MAP: TRNUPDM2	INSTALLATION NAME	
ECN:	TRANSACTION NO:	TRANSACTION DATE:
ITEM NAME:		
EQUIPMENT FILE VALUES		PENDING FILE VALUES
IDLE EQUIP CODE:	PREC METL CODE:	IDLE EQUIP CODE: PREC METL CODE:
USER NO:	CONDITION CODE:	USER NO: CONDITION CODE:
AVAILABILITY STATUS CODE:		AVAILABILITY STATUS CODE:
UNIQUE EQUIP NO:	YR MFG:	UNIQUE EQUIP NO: YR MFG:
SERIAL NO:		SERIAL NO:
L/L DOCUMENT NO:	INST RECV:	L/L DOCUMENT NO: INST RECV:
LOCATION - ZIP:		LOCATION - ZIP:
LOCATION - BUILDING:		LOCATION - BUILDING:
LOCATION - ROOM:	GRID LOC:	LOCATION - ROOM: GRID LOC:
LABOR COST LAST SERV (xxxx):		LABOR COST LAST SERV (xxxx):
PARTS COST LAST SERV (xxxx):		PARTS COST LAST SERV (xxxx):
		ENTER OPTION: ___
		REJ REASON : ___

a. TRNUPDS1 External Parameters - None

b. TRNUPDS1 Inputs

#FUNCTION (A2)

#R-REASON (A2)

c. TRNUPDS1 Processing

If #FUNCTION = "C" Input Using Map TRNUPDM3. Otherwise, the same as 2.5.3.4.

d. TRNUPDS1 Outputs - None.

2.5.3.6 View Screen -2-(Transaction C52)

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: YY-MM-DD
PROGRAM: TRNUPDS1	PROPERTY CUSTODIAN SUBSYSTEM	TIME: HH:MM:SS
MAP: TRNUPDM3	INSTALLATION NAME	
ECN:	TRANSACTION NO:	TRANSACTION DATE:
ITEM NAME:		
EQUIPMENT FILE VALUES		PENDING FILE VALUES
DATE LOANED OUT:		DATE LOANED OUT:
DATE LEASED OUT:		DATE LEASED OUT:
DATE BORROWED OUT:		DATE BORROWED OUT:
DATE L-L-B-OUT-DUE:		DATE L-L-B-OUT-DUE:
DATE OUT FOR REPAIR:		DATE OUT FOR REPAIR:
DATE REPAIR RETURN DUE:		DATE REPAIR RETURN DUE:
DATE STORAGE IN:		DATE STORAGE IN:
DATE AVAILABLE:		DATE AVAILABLE:
DATE LAST SERV:		DATE LAST SERV:
DATE INST ACQ:		DATE INST ACQ:
DATE WRRNTY EXP MAT:	LAB:	DATE WRRNTY EXP MAT: LAB:
		ENTER OPTION: __
		REJ REASON: __

a. TRNUPDS1 External Parameters - None

b. TRNUPDS1 Inputs

#FUNCTION (A2)

#R-REASON (A2)

c. TRNUPDS1 Processing

If #FUNCTION = "C" Input Using Map TRNUPDM4. Otherwise, the same as 2.5.3.4.

d. TRNUPDS1 Outputs - None.

2.5.3.7 View Screen - 3 (Transaction C52)

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: YY-MM-DD
PROGRAM: TRNUPDS1	PROPERTY CUSTODIAN SUBSYSTEM	TIME: HH:MM:SS
MAP: TRNUPDM4	INSTALLATION NAME	
ECN:	TRANSACTION NO:	TRANSACTION DATE:
ITEM NAME:		
EQUIPMENT FILE VALUES		PENDING FILE VALUES
ACQ DOCUMENT CONTROL NO:		ACQ DOCUMENT CONTROL NO:
MANUFACTURER'S CODE:		MANUFACTURER'S CODE:
MODEL NO:		MODEL NO:
SERIAL NO:		SERIAL NO:
NATIONAL STOCK NO:		NATIONAL STOCK NO:
CAP/SENS CODE: EQUIP MGMT CODE:		CAP/SENS CODE: EQUIP MGMT CODE:
CONTRACTOR (CONVEYOR):		CONTRACTOR (CONVEYOR):
OTHER AGENCY NO: OLDTAG NO:		OTHER AGENCY NO: OLDTAG NO:
COST ESTIMATED (Y):		COST ESTIMATED (Y):
HAZARDOUS MATERIAL CODE:		HAZARDOUS MATERIAL CODE:
ITEM NAME (EQUIP):		
ITEM NAME (PEND):		
		ENTER OPTION: ___
		REJ REASON: ___

a. TRNUPDS1 External Parameters - None

b. TRNUPDS1 Inputs

#FUNCTION (A2)

#R-REASON (A2)

c. TRNUPDS1 Processing

If #FUNCTION = "C" Input Using Map TRNUPDM5. Otherwise, the same as 2.5.3.4.

d. TRNUPDS1 Outputs - None.

2.5.3.8 View Screen - 4 (Transaction C52, Local Data)

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: YY-MM-DD
PROGRAM: TRNUPDS1	PROPERTY CUSTODIAN SUBSYSTEM	TIME: HH:MM:SS
MAP: TRNUPDM5	INSTALLATION NAME	
ECN:	TRANSACTION NO:	TRANSACTION DATE:
ITEM NAME:		
LOCAL DATA:		
(EQUIP):		
(PEND):		
	PLEASE ENTER FUNCTION: ___	
	REJ REASON: ___	

a. TRNUPDS1 External Parameters - None

b. TRNUPDS1 Inputs

#FUNCTION (A2)

#R-REASON (A2)

c. TRNUPDS1 Processing

If #FUNCTION = "C" Input Using Map TRNUPDM2. Otherwise, the same as 2.5.3.4.

d. TRNUPDS1 Outputs - None.

2.5.3.9 Signature Screen (For all Transactions)

Version shown when there is no warning about open inventory accounts

```
USER-ID: XXXXX  
PROGRAM: SGNC00S1  
MAP:      SGNC00M1  
  
ENTER AUTHORIZED SIGNATURE/PASSWORD:  
          OR 'C' TO CANCEL: _____
```

Version shown when there are warnings about open inventory accounts under Inventory by Custodian

```
USER-ID: XXXXX      Transaction Signature   DATE: YY-MM-DD  
PROGRAM: SGNC00S2      Screen           TIME: HH:MM:SS  
MAP:      SGNC00M2  
  
          ECN:           Transaction:  
  
  
  
ENTER AUTHORIZED SIGNATURE/PASSWORD:  
          OR 'C' TO CANCEL: _____
```

Version shown when there are warnings about open inventory accounts under Inventory by Location.

```
USER-ID: XXXXX      Transaction Signature   DATE: YY-MM-DD
PROGRAM: SGNC00S2   Screen                 TIME: HH:MM:SS
MAP:      SGNC00M2

ECN:                Transaction:

ENTER AUTHORIZED SIGNATURE/PASSWORD:
OR 'C' TO CANCEL: _____
```

- a. SGNC00S1 External Parameters - None
- b. SGNC00S1 Inputs

#SIGNATURE (A11)

- c. SGNC00S1 and SGNC00S2 Processing

Compared to SGNC00S1, SGNC00S2 displays additional warning information passed to it by the calling program. Otherwise, SGNC00S1 and SGNC00S2 are identical, they both validate the signature and return to the calling program.

- d. SGNC00S1 Outputs - None

2.5.3.10 Display Screen (Gaining Custodian Revoke Approval)

```
USER-ID: XXXXX      This pending transaction
PROGRAM: SGN003P1   has been approved by the
MAP:      SGN003M3   Gaining Custodian and is
                        awaiting Manager Update.

ECN:                Sending Custodian No:
Transaction No:     Transaction Date:

ENTER 'C' to revoke custodian approval, or
ENTER ' ' to leave transaction unchanged: __
```

a. SGN003P1 External Parameters - None

b. SGN003P1 Inputs

#EXIT (A2)

c. SGN003P1 Processing

If #EXIT = 'C' then the custodian's approval is revoked and FETCH SGN003P1.

If #EXIT = ' ' FETCH SGN003P1

d. SGN003P1 Outputs

#EXIT (A2)

#MESSAGE1 (A46)

2.5.3.11 Display Screen (Gaining Custodian Cancel Rejection)

```
USER-ID: XXXXX      Manager has rejected this
PROGRAM: SGN003P2   transaction.          This
MAP:      SGN003M5  rejection may be cancelled
WARNING   here, restoring orig. values

ECN:           Sending CUST-ACCT-NO:
TRANSACTION NO: TRANSACTION DATE:

ENTER 'C' TO CANCEL REJECTION & ACCESS VIEW
ENTER ' ' TO GO DIRECTLY TO VIEW SCREEN:  _
```

a. SGN003P2 External Parameters - None

b. SGN003P2 Inputs

#EXIT (A2)

c. SGN003P2 Processing

If #EXIT = 'C' then the manager's rejection is canceled and FETCH TRNUPDS1.

If #EXIT = ' ' FETCH TRNUPDS1.

d. SGN003P2 Outputs

#EXIT (A2)

2.5.3.12 Transactions Requiring Manager Approval (SGN003M2)

```

USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: YY-MM-DD
PROGRAM: SGN003P2      PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:      SGN003M2      INSTALLATION NAME

                                TRANSACTIONS REQUIRING MANAGER APPROVAL
CUST          TRANS    TRANS    REJ    REJ    APPROVAL    GAINING
ACCT         ECN      NO      DATE  REJ    REASON     DATE     NEEDED   CUSTODIAN
-----

```

TO PROCESS A SINGLE RECORD, MOVE CURSOR TO RECORD LINE AND PRESS <ENTER>, OR ENTER 'U' TO UPDATE MULTIPLE RECORDS, OR ENTER 'N' FOR NEXT PAGE, OR 'T' FOR TOP OF PAGE, OR 'X' TO EXIT AND PRESS <ENTER>: _____

a. SGN003P1 External Parameters - None

b. SGN003P1 Inputs

#EXIT (A10)

c. SGN003P1 Processing

The data listed above for the selected ECN will be displayed. The user may view a ECN by placing his cursor on the line that the ECN is displayed on and press the Enter Key. To update multiple records, enter 'U' in the command field and a pop-up window will be displayed to prompt with options for multiple record updating. He may also exit out of this screen and return to SGN000P1 or enter a direct command using NAV100P1.

d. SGN003P1 Output

If the action is accepted or rejected, the signature will be verified against the signature in Table C69 and, if verified, the Pending File will be updated with the reject reason or the NEMS data base will be updated with the Pending File data. Processing will return to SGN003P2. If the transaction is rejected, a valid #ACCEPT-REJECT-REASON-CODE must be entered. This code must exist in Table 70. A pop-up window will be available to review entries in this table.

2.5.3.13 View Screen - 1

```

USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNUPDS1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:   TRNUPDM1        INSTALLATION NAME

ECN:                   TRANSACTION NO:                   TRANSACTION DATE:
ITEM NAME:

      EQUIPMENT FILE VALUES                                PENDING FILE VALUES
CUST ACCT NO:          COND CODE:                          CUST ACCT NO:          COND CODE:
USER NO:              FREEZE NO:                           USER NO:              FREEZE NO:
AVAIL STATUS CODE:    INST-RECV: 0                         AVAIL STATUS CODE:    INST-RECV: 0
MODEL NO:
SERIAL NO:
L/L DOCUMENT NO:
LOCATION - ZIP:         BUILD:                                LOCATION - ZIP:         BUILD:
LOCATION - ROOM:        GRID LOC:                             LOCATION - ROOM:        GRID LOC:
DATE STORAGE DUE:
LOCAL DATA:
(EQUIP):
(PEND):

ENTER OPTION:  ___
REJ REASON   :  ___

```

Modified Option prompt on Display screen when there is an Inventory Overage or Underage discrepancy:

```

USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNUPDS1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:   TRNUPDM1        INSTALLATION NAME

ECN:                   TRANSACTION NO:                   TRANSACTION DATE:
ITEM NAME:

      EQUIPMENT FILE VALUES                                PENDING FILE VALUES
CUST ACCT NO:          COND CODE:                          CUST ACCT NO:          COND CODE:
USER NO:              FREEZE NO:                           USER NO:              FREEZE NO:
AVAIL STATUS CODE:    INST-RECV: 0                         AVAIL STATUS CODE:    INST-RECV: 0
MODEL NO:
SERIAL NO:
L/L DOCUMENT NO:
LOCATION - ZIP:         BUILD:                                LOCATION - ZIP:         BUILD:
LOCATION - ROOM:        GRID LOC:                             LOCATION - ROOM:        GRID LOC:
DATE STORAGE DUE:
LOCAL DATA:
(EQUIP):
(PEND):

ENTER 'R+reason' (Reject), 'X' (Exit)
ECN is inv xxxxxxxxx. Can not update. Recommend Rej: 'IV'
ENTER OPTION: R
REJ REASON   :

IV

```

a. TRNUPDS1 External Parameters - None

b. TRNUPDS1 Inputs

#FUNCTION (A2)

#R-Reason (A2)

I. TRNUPDS1 Processing

If #FUNCTION = 'X', FETCH SGN003P1. If #FUNCTION = 'R', prompt for #R-REASON and FETCH SGNC00S1 or SGNC00S2. If #FUNCTION = 'U', FETCH SGNC00S1 or SGNC00S2. Choice of SGNC00S1 versus SGNC00S2 depends on whether or not Inventory warning are displayed.

For some transactions, described below, if an inventory warning is displayed and the Manager inputs a 'U' (and then enters the signature on the signature screen), Date-Inventoried will be set to current date.

For most transactions as listed below, if there is an inventory discrepancy Function = 'U' is not permitted and user is prompted to reject the transaction with reason = 'IV'.

The following table indicates which change transactions check for discrepancies, how warning are determined and how DATE-INVENTORIED is handled under both types of Inventory.

INVENTORY-BY-CUSTODIAN

1. C26, C52 - Error if ECN is a discrepancy. Warn if current or gaining CUST-ACCT-NO is and open and unprocessed inventory account. Set DATE-INVENTORIED from CURRENT-DATE.
2. C29, C38, C40, C42, C44 - Error if ECN is a discrepancy. Never warn and never set DATE-INVENTORIED
3. C31, C39, C41, C43, C45 - Error if ECN is a discrepancy. Never warn. Always set DATE-INVENTORIED from CURRENT-DATE.
4. C30, C50, C51, C56 and C57 - Ignore and discrepancies. Never warn and never set date-Inventoried.

INVENTORY-BY-LOCATION

1. C26, C52, C29, C31 - Error if ECN is a discrepancy. Warn if Location changes and current or gaining Location is on open and unprocessed inventory account. Set DATE-INVENTORIED from CURRENT-DATE.
2. C38, C40, C42, C44 - Error if ECN is a discrepancy. Warn if Location changes and current or gaining Location is an open and unprocessed inventory account. Never set DATE-INVENTORIED

3. C39, C41, C43, C45 - Error if ECN is a discrepancy. Warn if Location changes and current or gaining Location is open and unprocessed inventory account. Always set DATE-INVENTORIED from CURRENT-DATE.
4. C30, C50, C51, C56, and C57 - Ignore any discrepancies. Never warn and never set DATE-INVENTORIED.

I. TRNUPDS1 Outputs - None

2.5.3.14 View Screen - 2

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: YY-MM-DD
PROGRAM: TRNUPDS1	PROPERTY CUSTODIAN SUBSYSTEM	TIME: HH:MM:SS
MAP: TRNUPDM2	INSTALLATION NAME	
ECN:	TRANSACTION NO:	TRANSACTION DATE:
ITEM NAME:		
EQUIPMENT FILE VALUES		PENDING FILE VALUES
IDLE EQUIP CODE:	PREC METL CODE:	IDLE EQUIP CODE: PREC METL CODE:
USER NO:	CONDITION CODE:	USER NO: CONDITION CODE:
AVAILABILITY STATUS CODE:		AVAILABILITY STATUS CODE:
UNIQUE EQUIP NO:	YR MFG:	UNIQUE EQUIP NO: YR MFG:
SERIAL NO:		SERIAL NO:
L/L DOCUMENT NO:	INST RECV:	L/L DOCUMENT NO: INST RECV:
LOCATION - ZIP:		LOCATION - ZIP:
LOCATION - BUILDING:		LOCATION - BUILDING:
LOCATION - ROOM:	GRID LOC:	LOCATION - ROOM: GRID LOC:
LABOR COST LAST SERV (xxxx):		LABOR COST LAST SERV (xxxx):
PARTS COST LAST SERV (xxxx):		PARTS COST LAST SERV (xxxx):
		ENTER OPTION: __
		REJ REASON : __

a. TRNUPDS1 External Parameters - None

b. TRNUPDS1 Inputs

#FUNCTION (A2)

#R-REASON (A2)

c. TRNUPDS1 Processing

If #FUNCTION = 'C' Input Using Map TRNUPDM3. Otherwise, the same as 2.5.3.13.

d. TRNUPDS1 Outputs - None

2.5.3.15 View Screen - 3

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: YY-MM-DD
PROGRAM: TRNUPDS1	PROPERTY CUSTODIAN SUBSYSTEM	TIME: HH:MM:SS
MAP: TRNUPDM3	INSTALLATION NAME	
ECN:	TRANSACTION NO:	TRANSACTION DATE:
ITEM NAME:		
EQUIPMENT FILE VALUES		PENDING FILE VALUES
DATE LOANED OUT:		DATE LOANED OUT:
DATE LEASED OUT:		DATE LEASED OUT:
DATE BORROWED OUT:		DATE BORROWED OUT:
DATE L-L-B-OUT-DUE:		DATE L-L-B-OUT-DUE:
DATE OUT FOR REPAIR:		DATE OUT FOR REPAIR:
DATE REPAIR RETURN DUE:		DATE REPAIR RETURN DUE:
DATE STORAGE IN:		DATE STORAGE IN:
DATE AVAILABLE:		DATE AVAILABLE:
DATE LAST SERV:		DATE LAST SERV:
DATE INST ACQ:		DATE INST ACQ:
DATE WRRNTY EXP MAT:	LAB:	DATE WRRNTY EXP MAT: LAB:
		ENTER OPTION: ___
		REJ REASON: ___

a. TRNUPDS1 External Parameters - None

b. TRNUPDS1 Inputs

#FUNCTION (A2)

#R-REASON (A2)

c. TRNUPDS1 Processing

If #FUNCTION = 'C' Input Using Map TRNUPDM4. Otherwise, the same as 2.5.3.13.

d. TRNUPDS1 Outputs - None

2.5.3.16 View Screen - 4

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: YY-MM-DD
PROGRAM: TRNUPDS1	PROPERTY CUSTODIAN SUBSYSTEM	TIME: HH:MM:SS
MAP: TRNUPDM4	INSTALLATION NAME	
ECN:	TRANSACTION NO:	TRANSACTION DATE:
ITEM NAME:		
EQUIPMENT FILE VALUES		PENDING FILE VALUES
ACQ DOCUMENT CONTROL NO:		ACQ DOCUMENT CONTROL NO:
MANUFACTURER'S CODE:		MANUFACTURER'S CODE:
MODEL NO:		MODEL NO:
SERIAL NO:		SERIAL NO:
NATIONAL STOCK NO:		NATIONAL STOCK NO:
CAP/SENS CODE: EQUIP MGMT CODE:		CAP/SENS CODE: EQUIP MGMT CODE:
CONTRACTOR (CONVEYOR):		CONTRACTOR (CONVEYOR):
OTHER AGENCY NO: OLDTAG NO:		OTHER AGENCY NO: OLDTAG NO:
COST ESTIMATED (Y):		COST ESTIMATED (Y):
HAZARDOUS MATERIAL CODE:		HAZARDOUS MATERIAL CODE:
ITEM NAME (EQUIP):		
ITEM NAME (PEND):		
		ENTER OPTION: ___
		REJ REASON: ___

a. TRNUPDS1 External Parameters - None

b. TRNUPDS1 Inputs

#FUNCTION (A2)

#R-REASON (A2)

c. TRNUPDS1 Processing

If #FUNCTION = 'C' Input Using Map TRNUPDM5. Otherwise, the same as 2.5.3.13.

d. TRNUPDS1 Outputs - None

2.5.3.17 View Screen - 5 (Local Data)

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: YY-MM-DD
PROGRAM: TRNUPDS1	PROPERTY CUSTODIAN SUBSYSTEM	TIME: HH:MM:SS
MAP: TRNUPDM5	INSTALLATION NAME	
ECN:	TRANSACTION NO:	TRANSACTION DATE:
ITEM NAME:		
LOCAL DATA:		
(EQUIP):		
(PEND):		
	PLEASE ENTER FUNCTION: ___	
	REJ REASON: ___	

a. TRNUPDS1 External Parameters - None

b. TRNUPDS1 Inputs

#FUNCTION (A2)

#R-REASON (A2)

c. TRNUPDS1 Processing

If #FUNCTION = 'C' Input Using Map TRNUPDM2. Otherwise, the same as 2.5.3.13.

d. TRNUPDS1 Outputs - None

2.5.3.18 Display Screen (Manager Cancel Rejection)

```
USER-ID: XXXXX      Manager has rejected this
PROGRAM: SGN003P2   transaction.          This
MAP:      SGN003M5  rejection may be cancelled
          WARNING   here, restoring orig. values

ECN:              Sending CUST-ACCT-NO:
TRANSACTION NO:   TRANSACTION DATE:

ENTER 'C' TO CANCEL REJECTION & ACCESS VIEW
ENTER ' ' TO GO DIRECTLY TO VIEW SCREEN:  ___
```

a. SGN003P2 External Parameters - None

b. SGN003P2 Inputs

#EXIT (A2)

c. SGN003P2 Processing

If #FUNCTION = 'C' then the Manager's rejection is canceled and FETCH TRNUPDS1.

If #EXIT = ' ' FETCH TRNUPDS1.

d. SGN003P2 Outputs

#EXIT (A2)

2.5.3.19 View Screen - 1 (For Delete Transactions)

```

USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNUPDS2      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TRNUPDM7          INSTALLATION NAME

ECN:                    TRANSACTION NO:                TRANSACTION DATE:
ITEM NAME:

      EQUIPMENT FILE VALUES                PENDING FILE VALUES

DATE SHIPPED:          DATE SHIPPED:
INSTALLATION REC:      INSTALLATION REC:
OTHER AGENCY:          OTHER AGENCY:
CONTRACT REC:          CONTRACT REC:

LOCAL DATA:
(EQUIP):
(PEND):

ENTER OPTION:  ___
REJ REASON:    ___
  
```

Modified Option prompt on Display screen when there is an Inventory Overage or Underage discrepancy

```

USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNUPDS2      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TRNUPDM7          INSTALLATION NAME

ECN:                    TRANSACTION NO:                TRANSACTION DATE:
ITEM NAME:

      EQUIPMENT FILE VALUES                PENDING FILE VALUES

DATE SHIPPED:          DATE SHIPPED:
INSTALLATION REC:      INSTALLATION REC:
OTHER AGENCY:          OTHER AGENCY:
CONTRACT REC:          CONTRACT REC:

LOCAL DATA:
(EQUIP):
(PEND):

ENTER 'R+reason' (Reject), 'X' (Exit)
ECN is inv xxxxxxxx. Can not update. Recommend Rej: 'IV'      ENTER OPTION: R
REJ REASON : IV
  
```

- a. TRNUPDS2 External Parameters - None
- b. TRNUPDS2 Inputs
 - #FUNCTION (A2)
 - #R-REASON (A2)

c. TRNUPDS2 Processing

If #FUNCTION = 'X', FETCH SGN003P1. If #FUNCTION = 'R', prompt for #R-REASON and FETCH SGNC00S1 or SGNC00S2. If #FUNCTION = 'U', FETCH SGNC00S1 or SGNC00S2. Choice of SGNC00S1 versus SGNC00S2 depends on whether or not Inventory warnings are displayed. For INVENTORY-BY-CUSTODIAN, warn if current CUST-ACCT-NO is an open and unprocessed inventory account. For INVENTORY-BY-LOCATION, warn if current location is an open and unprocessed inventory account. DATE-INVENTORIED is never set to the current date.

If the ECN is an inventory discrepancy, then #FUNCTION = 'U' is not permitted and the user is prompted to reject the transaction with reason = 'IV'.

d. TRNUPDS2 Outputs - None

2.5.3.20 Pending Transactions by ECN For Custodian Acct (SGN005M1)

```

USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: SGN005P1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      SGN005M1      INSTALLATION NAME

      PENDING TRANSACTIONS BY ECN FOR CUSTODIAN ACCOUNT:

      GAINING          TRANS    TRANS    REJ      REJ      REJ      APPROVAL
      CUSTODIAN    ECN      NO      DATE    REJ    REASON  DATE    NEEDED
      -----

```

ENTER THE ECN OF THE TRANSACTION TO BE CORRECTED OR DELETED:
OR 'X' TO EXIT: _____ DELETE (D): _

a. SGN005P1 External Parameters - None

b. SGN005P1 Inputs

#ECN (A7)

#EXIT (A10)

#DELETE (A1)

c. SGN005P1 Processing

d. SGN005P1 Outputs

2.5.3.21 Pop-Up Screen For Updating Multiple Pending File Records

```
UPDATE MULTIPLE RECORD OPTIONS ARE AS FOLLOWS:  
  
US - UPDATE RECORDS DISPLAYED ON SCREEN AWAITING MANAGER'S APPROVAL  
  
UA - UPDATE ALL PENDING RECORDS AWAITING MANAGER'S APPROVAL  
  
  
PLEASE SELECT A OPTION: __  
ENTER 'C' TO CANCEL: __
```

a. SGN003P2 External Parameters - None

b. SGN003P2 Inputs

#INPUT (A2)

#CANCEL (A2)

c. SGN003P2 Processing

Accepts the option for multiple record processing in parameter, #INPUT (A2), and returns control back to program SGN003P2 for further processing. If 'C' is selected to cancel, then control is returned to program SGN003P2.

d. SGN003P2 Outputs - None

2.5.3.22 Pending Transactions By ECN For Custodian Acct (SGN005M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: YY-MM-DD
PROGRAM: SGN005P1       PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:    SGN005M1        INSTALLATION NAME

      PENDING TRANSACTIONS BY ECN FOR CUSTODIAN ACCOUNT:

  GAINING      TRANS   TRANS   REJ   REJ   REJ   APPROVAL
CUSTODIAN    ECN     NO     DATE  REJ   REASON  DATE   NEEDED
-----

ENTER 'X' TO EXIT: _____
```

a. SGN005P1 External Parameters - None

b. SGN005P1 Inputs

#ECN (A7)

#EXIT (A10)

#DELETE (A1)

c. SGN005P1 Processing

This program displays the transactions for Custodian Account 'XXXXX' awaiting other acceptance/approval.

d. SGN005P1 Output - None

2.5.3.23 Transactions Rejected For Custodian Acct (SGN005M)

```

USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: SGN005P2      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      SGN005M3      INSTALLATION NAME

          TRANSACTIONS REJECTED FOR CUSTODIAN ACCOUNT:

  GAINING      TRANS      TRANS      REJ      REJ      REJ      APPROVAL
  CUSTODIAN    ECN        NO        DATE    REJ    REASON   DATE    NEEDED
  -----
  -----

ENTER THE ECN OF THE TRANSACTION TO BE CORRECTED OR DELETED:
OR 'X' TO EXIT: _____ DELETE (D): _
  
```

a. SGN005P2 External Parameters - None

b. SGN005P2 Inputs

#ECN (A7)

#EXIT (A10)

#DELETE (A1)

c. SGN005P1 Processing

The NEMS database will be updated with the data from the Pending File records and the Pending File record will be deleted. Control will then be passed to SGN003P1.

d. SGN005P1 Outputs - None

2.6 CUSTODIAN TRANSACTIONS

The custodian Transaction Component will provide all of the screens necessary to enter a NEMSPCM transaction against the NEMS Equipment Files. For the most part, the processing is the same as NEMS processing, but each transaction in the NEMSPCM will differ in the following significant ways:

In order to submit a transaction, the custodian must enter his electronic signature. This applies to transactions submitted for approval or update.

The Equipment file is not update. Instead, each transaction is written to the Pending File where it awaits for a Manager's or another Custodian's approval.

The option of generating a Form 1602 is not available. A 1602 will automatically be generated by submitting a Report 830 request when a transfer to a custodian who does not have NEMSPCM access is attempted.

2.6.1 Interfaces

Electronic Signature Component

2.6.2 Common Variable Data

The common variables will be stored in a global data area, PCMGDA.

2.6.3 Custodian Transactions Architecture Decomposition

See Figure 2.6.3, Appendix B.

2.6.3.1 PCM Transaction Menu (TRNC00M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC00P1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TRNC00M1      INSTALLATION NAME

                          PCM TRANSACTIONS MENU

                          ENTER FUNCTION OR 'X' TO EXIT: _____

                          C=CHANGE (TRANSACTIONS C26-C60)
                          D=DELETE (TRANSACTIONS C65-C73)
                          L=LIST CUSTODIAN ACCOUNT NUMBER TABLE (078)
                          U=LIST USER NUMBER TABLE (090)
```

- a. TRNC00P1 External Parameters - None
- b. TRNC00P1 Inputs
 - #FUNCTION (A10)

c. TRNC00P1 Processing

This module must first give the user the option to change or delete transactions. It will then verify the input. A list of the appropriate transactions from Table 621 (PCM Transaction Table) will be displayed. See NEMS Specifications Book 1 for further details. The list options for the Custodian Account Number Table and User Number Table are available on the PCM Transaction Menu.

d. TRNC00P1 Outputs - None

2.6.3.2 PCM Change Transactions Menu (TRNCOOM2)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC00P1      PROPERTY CUSTODIAN SUBSYSTEM            TIME: HH:MM:SS
MAP:      TRNC00M2          INSTALLATION NAME

ENTER TRANSACTION NUMBER OR 'X' TO EXIT: _____
ECN: *****          CUSTODIAN ACCOUNT NO:

99  xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx  99  xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
```

a. TRNC00P1 External Parameters - None

b. TRNC00P1 Inputs

#TRANS-NO (A10)

#ECN (A7)

#CUST-ACCT-NO (A5)

c. TRNC00P1 Processing

Select the desired transaction. Input the ECN of the record to be changed and the CUST-ACCT-NO. FETCH the appropriate TRNCxxP1 module.

d. TRNC00P1 Outputs

#TRANS-NO (A10)

#ECN (A7)

#CUST-ACCT-NO (A5)

2.6.3.3 PCM Delete Transactions Menu (TRNC00M2)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC00P1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TRNC00M2          INSTALLATION NAME

ENTER TRANSACTION NUMBER OR 'X' TO EXIT: _____
ECN: *****          CUSTODIAN ACCOUNT NO:

99  xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx  99  xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
```

a. TRNC00P1 External Parameters - None

b. TRNC00P1 Inputs

#TRANS-NO (A10)

#ECN (A7)

c. TRNC00P1 Processing

Select the desired transaction. Input the ECN of the record to be deleted and the CUST-ACCT-NO. FETCH the appropriate TRNCxxP1 module.

d. TRNC00P1 Outputs

#TRANS-NO (A10)

#ECN (A7)

#CUST-ACCT-NO (A5)

2.6.3.4 Custodian Account Change (TRNC26M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC26P1       PROPERTY CUSTODIAN SUBSYSTEM             TIME: HH:MM:SS
MAP:      TRNC26M1      INSTALLATION NAME

                          PCM -C26 - CUSTODIAN ACCOUNT (CHANGE)

ECN:                      CUSTODIAN ACCOUNT NO:
ITEM NAME:                MODEL NO:
MFG NAME:                 SERIAL NO:

CUSTODIAN ACCOUNT NO: *****      USER NO: *****
AVAILABILITY STATUS CODE: *          CONDITION CODE: __
LOCATION - ZIP: _____ BLDG: _____      ROOM: _____      LOCATION: _____
LOCAL DATA (Y): _

                          ENTER 'C' TO CANCEL: _____

THIS DATA IS FROM THE xxxxxxxxxxxx FILE

ENTER FIELDS TO BE CHANGED - MANDATORY (*) AND OPTIONAL (_)
```

a. TRNC26P1 External Parameters - None

b. TRNC26P1 Inputs

#NEW-CUST-ACCT-NO (A5)

#USER-NO (A6)

#AVAIL-STATUS-CODE (A1)

#CONDITION-CODE (A2)

#EQUIP-ZIP-CODE (A5)

#EQUIP-BUILDING (A5)

#EQUIP-ROOM (A5)

#LOCATION (A5)

#LOCAL-DATA (A1)

#CANCEL (A10)

c. TRNC26P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC26P1 Outputs - Pending File Record.

2.6.3.5 Custodian Account Change (TRNC26M2)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC26P1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TRNC26M2          INSTALLATION NAME

                                PCM - 26 - CUSTODIAN ACCOUNT (CHANGE)

                                INVENTORY WARNING SCREEN

ECN:

OLD CUST-ACCT-NO:
NEW CUST-ACCT-NO:

    WARNING *** DUE TO THIS CHANGE INVENTORY MAY NOT BE CLOSED

PRESS ENTER TO CONTINUE OR 'C' TO CANCEL: _____
```

a. TRNC26P1 External Parameters - None

b. TRNC26P1 Inputs

#H-CUST-ACCT-NO (A5)

#NEW-CUST-ACCT-NO (A5)

#CANCEL (A10)

c. TRNC26P1 Processing

See NEMS Specifications Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC26P1 Outputs - Pending File Record.

2.6.3.6 Equipment Location Change (TRNC29M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC29P1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TRNC29M1          INSTALLATION NAME

                                PCM - C29 - EQUIPMENT LOCATION (CHANGE)

ECN:                                CUSTODIAN ACCOUNT NO:
ITEM NAME:                          MODEL NO:
MFG NAME:                            SERIAL NO:

LOCATION - ZIP: *****   BLDG: *****   ROOM: _____   LOCATION: _____
                                LOCAL DATA (Y): _

                                ENTER 'C' TO CANCEL: _____

THIS DATA IS FROM THE xxxxxxxxxxxx FILE

ENTER FIELD(S) TO BE CHANGED - MANDATORY (*) AND OPTIONAL(_)
```

Insert screen TRNC29M1

a. TRNC29P1 External Parameters - None

b. TRNC29P1 Inputs

- #EQUIP-ZIP-CODE (A5)
- #EQUIP-BUILDING (A10)
- #EQUIP-ROOM (A5)
- #LOCATION (A5)
- #LOCAL-DATA-FLAG (A1)
- #CANCEL (A10)

c. TRNC29P1 Processing

See NEMS Specifications Book 1 for the processing requirements of this Transaction. FETCH RETURN SGN004P1. With a Direct Command FETCH NAV100P1. FETCH TRNC00P1. FETCH RETURN TRNUPDP1

d. TRNC29P1 Outputs - Pending File Record

2.6.3.7 Status Code Change (TRNC30M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC30P1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TRNC30M1          INSTALLATION NAME

                                PCM - C30 - STATUS CODE (CHANGE)

ECN:                                CUSTODIAN ACCOUNT NO:
ITEM NAME:                          MODEL NO:
MFG NAME:                            SERIAL NO:

AVAILABILITY STATUS CODE: *          CONDITION CODE: **
                                      LOCAL DATA (Y): _

                                      ENTER 'C' TO CANCEL: _____

THIS DATA IS FROM THE xxxxxxxxxxxx FILE

ENTER FIELD(S) TO BE CHANGED - MANDATORY (*) AND OPTIONAL (_)
```

a. TRNC30P1 External Parameters - None

b. TRNC30P1 Inputs

#AVAIL-STATUS-CODE (A1)

#CONDITION-CODE (A2)

#LOCAL-DATA-FLAG (A1)

#CANCEL (A10)

c. TRNC30P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC30P1 Outputs - Pending File Record.

2.6.3.8 User Number Change (TRNC31M1)

```

USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC31P1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TRNC31M1    INSATALLATION NAME

                                PCM - C31 - USER NUMBER (CHANGE)

ECN:                                CUSTODIAN ACCOUNT NO:
ITEM NAME:                          MODEL NO:
MFG NAME:                            SERIAL NO:

USER NO: *****
LOCATION - ZIP: *****   BLDG: *****   ROOM: _____   LOCATION: _____
                                LOCAL DATA (Y): _

                                ENTER 'C' TO CANCEL: _____

THIS DATA IS FROM THE xxxxxxxxxxxx FILE
ENTER FIELD(S) TO BE CHANGED - MANDATORY (*) AND OPTIONAL (_)
  
```

a. TRNC31P1 External Parameters - None

b. TRNC31P1 Inputs

#USER-NO (A6)

#EQUIP-ZIP-CODE (A5)

#EQUIP-BUILDING (A10)

#EQUIP-ROOM (A5)

#LOCATION (A5)

#LOCAL-DATA-FLAG (A1)

#CANCEL (A10)

c. TRNC31P1 Processing

See NEMS Specifications Book 1 for the processing requirements of this Transaction. FETCH RETURN SGN004P1. With a Direct Command FETCH NAV100P1. FETCH TRNC00P1. FETCH RETURN TRNUPDP1

d. TRNC31P1 Outputs - Pending File Record

2.6.3.9 Borrowed Out (TRNC38M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC38P1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TRNC38M1          INSTALLATION NAME

                                PCM - C38 - BORROWED OUT

ECN:                                CUSTODIAN ACCOUNT NO:
ITEM NAME:                          MODEL NO:
MFG NAME:                            SERIAL NO:
DATE INSTALLATION AQUIRED:

USER NO: -----                LOAN/LEASE DOCUMENT NO: _____
DATE BORROWED: ** ** **          DATE BORROW DUE: ** ** **
LOCATION - ZIP: ***** BLDG: ***** ROOM: _____ LOCATION: _____
AVAILABILITY STATUS CODE: _      CONDITION CODE: _
INST RECEIVER: _____        LOCAL DATA (Y): _

                                PRESS ENTER TO CONTINUE OR 'C' TO CANCEL: _____

THIS DATA IS FROM THE xxxxxxxxxxxx FILE

ENTER FIELD(S) TO BE CHANGED - MANDATORY (*) AND OPTIONAL (_)
```

a. TRNC38P1 External Parameters - None

b. TRNC38P1 Inputs

#USER-NO (A6)

#L-L-DOC-NO (A6)

#DATE-BORROWED-OUT (N6)

#DATE-BORROWED-DUE (N6)

#EQUIP-ZIP-CODE (A5)

#EQUIP-BUILDING (A10)

#EQUIP-ROOM (A5)

#LOCATION (A5)

#AVAIL-STATUS-CODE (A1)

#CONDITION-CODE (A2)

#CANCEL (A10)

#LOCAL-DATA-FLAG (A1)

c. TRNC38P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC38P1 Outputs - Pending File Record.

2.6.3.10 Borrowed Out Returned (TRNC39M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC39P1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TRNC39M1     INSTALLATION NAME

                          PCM - C39 - BORROWED OUT-RETURNED

ECN:                                CUSTODIAN ACCOUNT NO:
ITEM NAME:                          MODEL NO:
MFG NAME:                            SERIAL NO:

USER NO: *****                  LOAN/LEASE DOCUMENT NO: _____
LOCATION - ZIP: ***** BLDG: ***** ROOM: _____ LOCATION: _____
AVAILABILITY STATUS CODE: *        CONDITION CODE: _____
                                      LOCAL DATA (Y): -

                          PRESS ENTER TO CONTINUE OR 'C' TO CANCEL: _____

THIS DATA IS FROM THE xxxxxxxxxxxx FILE

ENTER FIELD(S) TO BE CHANGED - MANDATORY (*) AND OPTIONAL (_)
```

a. TRNC39P1 External Parameters - None

b. TRNC39P1 Inputs

#USER-NO (A6)

#L-L-DOC-NO (A6)

#EQUIP-ZIP-CODE (A5)

#EQUIP-BUILDING (A10)

#EQUIP-ROOM (A5)

#LOCATION (A5)

#AVAIL-STATUS-CODE (A1)

#CONDITION-CODE (A2)

#CANCEL (A10)

#LOCAL-DATA-FLAG (A1)

c. TRNC39P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC39P1 Outputs - Pending File Record

2.6.3.11 Loan/Lease Out (TRNC40M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: YY-MM-DD
PROGRAM: TRNC40P1       PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:      TRNC40M1      INSTALLATION NAME

                                PCM - C40 - LOAN/LEASE OUT

ECN:                                CUSTODIAN ACCOUNT NO:
ITEM NAME:                           MODEL NO:
MFG NAME:                             SERIAL NO:
DATE INSTALLATION AQUIRED:

DATE LOANED: ** ** **      (OR)      DATE LEASED: ** ** **
DATE LOAN/LEASE DUE: ** ** **      LOAN/LEASE DOCUMENT NO: *****
CONDITION CODE: **
LOCATION - ZIP: ***** BLDG: ***** ROOM: _____ LOCATION: _____
                                LOCAL DATA (Y): _
                                ENTER 'C' TO CANCEL: _____

THIS DATA IS FROM THE xxxxxxxxxxxx FILE
ENTER FIELD(S) TO BE CHANGED - MANDATORY (*) AND OPTIONAL (_)
```

a. TRNC40P1 External Parameters - None

b. TRNC40P1 Inputs

#L-L-DOC-NO (A6)

#DATE-LOANED-OUT (N6)

#DATE-LEASED-OUT (N6)

#DATE-L-L-BORROW-IN-DUE (N6)

#EQUIP-ZIP-CODE (A5)

#EQUIP-BUILDING (A10)

#EQUIP-ROOM (A5)

#LOCATION (A5)

#CONDITION-CODE (A2)

#CANCEL (A10)

#LOCAL-DATA-FLAG (A1)

c. TRNC40P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC40P1 Outputs - Pending File Record

2.6.3.12 Loan/Lease Out Return (TRNC41M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC41P1       PROPERTY CUSTODIAN SUBSYSTEM            TIME: HH:MM:SS
MAP:      TRNC41M1     INSTALLATION NAME

                          PCM - C41 - LOAN/LEASE OUT-RETURNED

ECN:                      CUSTODIAN ACCOUNT NO:
ITEM NAME:                MODEL NO:
MFG NAME:                 SERIAL NO:

USER NO: _____      LOAN/LEASED DOCUMENT NO: _____
LOCATION - ZIP: ***** BLDG: *****      ROOM: _____ LOCATION: _____
AVAILABILITY STATUS CODE: *              CONDITION CODE: ___
                                          LOCAL DATA (Y): _

                                          ENTER 'C' TO CANCEL: _____

THIS DATA IS FROM THE xxxxxxxxxxxx FILE

ENTER FIELD(S) TO BE CHANGED - MANDATORY (*) AND OPTIONAL (_)
```

a. TRNC41P1 External Parameters - None

b. TRNC41P1 Inputs

#USER-NO (A6)

#L-L-DOC-NO (A6)

#EQUIP-ZIP-CODE (A5)

- #EQUIP-BUILDING (A10)
- #EQUIP-ROOM (A5)
- #LOCATION (A5)
- #AVAIL-STATUS-CODE (A1)
- #CONDITION-CODE (A2)
- #CANCEL (A10)
- #LOCAL-DATA-FLAG (A1)

c. TRNC41P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC41P1 Outputs - Pending File Record.

2.6.3.13 Loan Pool Out (TRNC42M1)

```

USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC42P1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TRNC42M1          INSTALLATION NAME

                                PCM - C42 - LOAN POOL OUT

ECN:                                CUSTODIAN ACCOUNT NO:
ITEM NAME:                          MODEL NO:
MFG NAME:                            SERIAL NO:
DATE INSTALLATION AQUIRED:

USER NO: *****                LOAN/LEASE DOCUMENT NO: _____
DATE BORROWED: ** ** **          DATE BORROW DUE: ** ** **
LOCATION - ZIP: _____ BLDG: *****          ROOM: _____ LOCATION: _____
CONDITION CODE: _____

                                LOCAL DATA (Y): _

                                PRESS ENTER TO CONTINUE OR 'C' TO CANCEL: _____

THIS DATA IS FROM THE xxxxxxxxxxxx FILE

ENTER FIELD(S) TO BE CHANGED - MANDATORY (*) AND OPTIONAL (_)

```

a. TRNC42P1 External Parameters - None

b. TRNC42P1 Inputs

- #USER-NO (A6)

- #L-L-DOC-NO (A6)
- #DATE-BORROWED-OUT (N6)
- #DATE-BORROWED-DUE (N6)
- #EQUIP-ZIP-CODE (A5)
- #EQUIP-BUILDING (A10)
- #EQUIP-ROOM (A5)
- #LOCATION (A5)
- #CONDITION-CODE (A2)
- #CANCEL (A10)
- #LOCAL-DATA-FLAG (A1)

c. TRNC42P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC42P1 Outputs - Pending File Record

2.6.3.14 Loan Pool Out Returned (TRNC43M1)

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: YY-MM-DD
PROGRAM: TRNC43P1	PROPERTY CUSTODIAN SUBSYSTEM	TIME: HH:MM:SS
MAP: TRNC43M1	INSTALLATION NAME	
PCM - C43 - LOAN POOL OUT-RETURNED		
ECN:	CUSTODIAN ACCOUNT NO:	
ITEM NAME:	MODEL NO:	
MFG NAME:	SERIAL NO:	
USER NO: *****	ROOM: _____	LOCATION: _____
LOCATION - ZIP: *****	BLDG: *****	LOCAL DATA (Y): _
CONDITION CODE: __	ENTER 'C' TO CANCEL: _____	
THIS DATA IS FROM THE xxxxxxxxxxxx FILE		
ENTER FIELD(S) TO BE CHANGED - MANDATORY (*) AND OPTIONAL (_)		

a. TRNC43P1 External Parameters - None

b. TRNC43P1 Inputs

#USER-NO (A6)

#EQUIP-ZIP-CODE (A5)

#EQUIP-BUILDING (A10)

#EQUIP-ROOM (A5)

#LOCATION (A5)

#CONDITION-CODE (A2)

#CANCEL (A10)

#LOCAL-DATA-FLAG (A1)

c. TRNC43P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC43P1 Outputs - Pending File Record

2.6.3.15 Storage In (TRNC44M1)

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: YY-MM-DD
PROGRAM: TRNC44P1	PROPERTY CUSTODIAN SUBSYSTEM	TIME: HH:MM:DD
MAP: TRNC44M1	INSTALLATION NAME	
PCM - C44 - STORAGE IN		
ECN:	CUSTODIAN ACCOUNT NO:	
ITEM NAME:	MODEL NO:	
MFG NAME:	SERIAL NO:	
DATE STORAGE DUE: ** ** **	CONDITION CODE: **	
LOCATION - ZIP: ***** BLDG: *****	ROOM: _____ LOCATION: _____	
	LOCAL DATA (Y): _	
	ENTER 'C' TO CANCEL: _____	
THIS DATA IS FROM THE xxxxxxxxxxxx FILE		
ENTER FIELD(S) TO BE CHANGED - MANDATORY (*) AND OPTIONAL (_)		

a. TRNC44P1 External Parameters - None

b. TRNC44P1 Inputs

#DATE-STORAGE-DUE (A6)

#EQUIP-ZIP-CODE (A5)

#EQUIP-BUILDING (A10)

#EQUIP-ROOM (A5)

#LOCATION (A5)

#CONDITION-CODE (A2)

#CANCEL (A10)

#LOCAL-DATA-FLAG (A1)

c. TRNC44P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC44P1 Outputs - Pending File Record.

2.6.3.16 Storage In Returned (TRNC45M1)

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: YY-MM-DD
PROGRAM: TRNC45P1	PROPERTY CUSTODIAN SUBSYSTEM	TIME: HH:MM:SS
MAP: TRNC45M1	INSTALLATION NAME	
PCM - C45 - STORAGE IN-RETURNED		
ECN:	CUSTODIAN ACCOUNT NO:	
ITEM NAME:	MODEL NO:	
MFG NAME:	SERIAL NO:	
LOCATION - ZIP: ***** BLDG: *****	ROOM: _____	LOCATION: _____
AVAILABILITY STATUS CODE: *	CONDITION CODE: __	
	LOCAL DATA (Y): _	
	ENTER 'C' TO CANCEL: _____	
THIS DATA IS FROM THE xxxxxxxxxxxx FILE		
ENTER FIELD(S) TO BE CHANGED - MANDATORY (*) AND OPTIONAL (_)		

a. TRNC45P1 External Parameters - None

b. TRNC45P1 Inputs

#EQUIP-ZIP-CODE (A5)

#EQUIP-BUILDING (A10)

#EQUIP-ROOM (A5)

#LOCATION (A5)

#AVAIL-STATUS-CODE (A1)

#CONDITION-CODE (A2)

#CANCEL (A10)

#LOCAL-DATA-FLAG (A1)

c. TRNC45P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC45P1 Outputs - Pending File Record.

2.6.3.17 Freeze Number Assignment (TRNC50M1)

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: YY-MM-DD
PROGRAM: TRNC50P1	PROPERTY CUSTODIAN SUBSYSTEM	TIME: HH:MM:SS
MAP: TRNC50M1	INSTALLATION NAME	
PCM - C50 - FREEZE NUMBER ASSIGNMENT		
ECN:	CUSTODIAN ACCOUNT NO:	
ITEM NAME:	MODEL NO:	
MFG NAME:	SERIAL NO:	
LOCAL DATA (Y): _		
ENTER 'C' TO CANCEL: _____		
THIS DATA IS FROM THE xxxxxxxxxxxx FILE		

a. TRNC50P1 External Parameters - None

b. TRNC50P1 Inputs

#CANCEL (A10)

#LOCAL-DATA-FLAG (A1)

c. TRNC50P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC50P1 Outputs - Pending File Record.

2.6.3.18 Freeze Number Removal (TRNC51M1)

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: YY-MM-DD
PROGRAM: TRNC51P1	PROPERTY CUSTODIAN SUBSYSTEM	TIME: HH:MM:SS
MAP: TRNC51M1	INSTALLATION NAME	
PCM - C51 - FREEZE NUMBER REMOVAL		
ECN:	CUSTODIAN ACCOUNT NO:	
ITEM NAME:	MODEL NO:	
MFG NAME:	SERIAL NO:	
FREEZE NO:	LOCAL DATA (Y): _	
ENTER 'C' TO CANCEL: _____		
THIS DATA IS FROM THE xxxxxxxxxxxx FILE		

a. TRNC51P1 External Parameters - None

b. TRNC51P1 Inputs

#FREEZE-NO (N10)

#CANCEL (A10)

#LOCAL-DATA-FLAG (A1)

c. TRNC51P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC51P1 Outputs - Pending File Record.

2.6.3.19 Excess Equipment Turn-In By Custodian (TRNC52M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC52P1       PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TRNC52M1      INSTALLATION NAME

                PCM - C52 - EXCESS EQUIPMENT TURN-IN BY CUSTODIAN

ECN:
ITEM NAME:
MFG NAME:
DATE INSTALLATION ACQUIRED:

CUSTODIAN ACCOUNT NO: *****
AVAILABILITY STATUS CODE: *
LOCATION - ZIP: ***** BLDG: *****
DATE AVAILABLE:  _ _ _

CUSTODIAN ACCOUNT NO:
MODEL NO:
SERIAL NO:

USER NO: _____
CONDITION CODE: **
ROOM: _____ LOCATION: _____

LOCAL DATA (Y): _

ENTER 'C' TO CANCEL: _____

THIS DATA IS FROM THE xxxxxxxxxxxx FILE

ENTER FIELD(S) TO BE CHANGED - MANDATORY (*) AND OPTIONAL (_)
```

a. TRNC52P1 External Parameters - None

b. TRNC52P1 Inputs

#USER-NO (A6)

#NEW-CUST-ACCT-NO (A5)

#DATE-AVAILABLE (N6)

#EQUIP-ZIP-CODE (A5)

#EQUIP-BUILDING (A10)

#EQUIP-ROOM (A5)

#LOCATION (A5)

#AVAIL-STATUS-CODE (A1)

#CONDITION-CODE (A2)

#CANCEL (A10)

#LOCAL-DATA-FLAG (A1)

c. TRNC52P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC52P1 Outputs - Pending File Record

2.6.3.20 Excess Equipment Turn-In By Custodian (TRNC52M2)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC52P1       PROPERTY CUSTODIAN SUBSYSTEM            TIME: HH:MM:SS
MAP:      TRNC52M2          INSTALLATION NAME

                          PCM - C52 - EXCESS EQUIPMENT TURN-IN BY CUSTODIAN

                          INVENTORY WARNING SCREEN

ECN:

OLD CUST-ACCT-NO:
NEM CUST-ACCT-NO:

WARNING *** DUE TO THIS CHANGE INVENTORY MAY NOT BE CLOSED

                          PRESS ENTER TO CONTINUE OR 'C' TO CANCEL: _____
```

a. TRNC52P1 External Parameters - None

b. TRNC52P1 Inputs

#H-CUST-ACCT-NO (A5)

#CANCEL (A10)

#NEW-CUST-ACCT-NO (A1)

c. TRNC52P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC52P1 Outputs - Pending File Record

2.6.3.21 Repair Update (TRNC56M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC56P1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TRNC56M1     INSTALLATION NAME

                                PCM - C56 - REPAIR UPDATE

ECN:                                CUSTODIAN ACCOUNT NO:
ITEM NAME:                          MODEL NO:
MFG NAME:                            SERIAL NO:

ENTER 'N' FOR NEW REPAIR OR 'C' FOR CORRECTION: *
      NEW REPAIR                OR                CORRECTION
      -----
LABOR COST LAST SERVICE: *****      LABOR COST LAST SERVICE: *****
PARTS COST LAST SERVICE: *****      PARTS COST LAST SERVICE: *****
DATE LAST SERVICED:   ** ** **          CONDITION CODE:   _
MFG SERIAL NO:   *****                LOCAL DATA (Y):  _
                                           ENTER 'C' TO CANCEL:  _____

NOTE: FOR A CORRECTION, ENTER THE CORRECT AMOUNT AND NOT THE DIFFERENCE.

THIS DATA IS FROM THE xxxxxxxxxxxx FILE
ENTER FIELD(S) TO BE CHANGED - MANDATORY (*) AND OPTIONAL (_)
```

a. TRNC56P1 External Parameters - None

b. TRNC56P1 Inputs

#REPAIR-SW (A1)

#LABOR-COST (A6)

#LABOR-COST-CORR (A6)

#PARTS-COST (A6)

#PARTS-COST-CORR (A6)

#DATE-LAST-SERVICED (N6)

#MFG-SER-NO (A20)

#CONDITION-CODE (A2)

#COMM-DIRECT-CMD (A10)

#LOCAL-DATA-FLAG (A1)

c. TRNC56P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC56P1 Outputs - Pending File Record

2.6.3.22 Off-Site For Repair (TRNC57M1)

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: YY-MM-DD
PROGRAM: TRNC57P1	PROPERTY CUSTODIAN SUBSYSTEM	TIME: HH:MM:SS
MAP: TRNC57M1	INSTALLATION NAME	
PCM - C57 - OFF-SITE FOR REPAIR		
ECN:	CUSTODIAN ACCOUNT NO:	
ITEM NAME:	MODEL NO:	
MFG NAME:	SERIAL NO:	
DATE OUT FOR REPAIR: ** ** *		
DATE REPAIR RETURN DUE: _ _ _		
	LOCAL DATA (Y): _	
	ENTER 'C' TO CANCEL: _____	
THIS DATA IS FROM THE xxxxxxxxxxxx FILE		
ENTER FIELD(S) TO BE CHANGED - MANDATORY (*) AND OPTIONAL (_)		

a. TRNC57P1 External Parameters - None

b. TRNC57P1 Inputs

#DATE-SHIPPED-OTHER-INST (N6)

#DATE-REPAIR-RETURN-DUE (N6)

#COMM-DIRECT-CMD (A10)

#LOCAL-DATA-FLAG (A1)

c. TRNC57P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC57P1 Outputs - Pending File Record

2.6.3.23 NASA Held Equipment Record Data (TRNC60M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC60P1       PROPERTY CUSTODIAN SUBSYSTEM             TIME: HH:MM:SS
MAP:      TRNC60M1      INSTALLATION NAME

                PCM - C60 - NASA HELD EQUIPMENT RECORD DATA (CHANGE)

ECN:                                     CUSTODIAN ACCOUNT NO:
ITEM NAME:                               MODEL NO:
MFG NAME:                                SERIAL NO:

ENTER PAGE NUMBER OR 'S' FOR SIGNATURE OR 'C' TO CANCEL: _____

        PAGE 1 (EQUIPMENT FIELDS)
        PAGE 2 (DATE FIELDS)

LOCAL DATA (Y): _

ENTER FIELD(S) TO BE CHANGED - MANDATORY (*) AND OPTIONAL ( _ )
```

a. TRNC60P1 External Parameters - None

b. TRNC60P1 Inputs

#COMM-DIRECT-CMD (A10)

#LOCAL-DATA-FLAG (A1)

c. TRNC60P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC60P1 Outputs - Pending File Record

2.6.3.24 NASA Held Equipment Record Data Page-1 (TRNC60M2)

```

USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC60P2      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TRNC60M2          INSTALLATION NAME

          PCM - C60 - NASA HELD EQUIPMENT RECORD DATA (CHANGE) PAGE 1 OF 2

ECN:
ITEM NAME:
MFG NAME:
ACQ DOCUMENT CONTROL NO: *****
ITEM NAME: *****
MANUFACTURER'S - CODE: *****
SERIAL NO: *****
NATIONAL STOCK NO: **** _
COST ESTIMATED (Y): _
LOCATION - ZIP: ***** BLDG: *****
CAPITAL/SENSITIVE CODE: *
AVAILABILITY STATUS CODE: _
HAZARDOUS MATERIAL CODE: _
EQUIPMENT MANAGEMENT CODE: _
ENTER '2' TO GO TO SECOND PAGE: _

CUSTODIAN ACCOUNT NO:
MODEL NO:
SERIAL NO:
CONTRACTOR (CONVEYOR): _____
OTHER AGENCY NO: _
MODEL NO: *****
OLD TAG NO: _____
UNIQUE EQUIPMENT NO: _____
USER NO: *****
ROOM: _____ LOCATION: _____
CONDITION CODE: _
LOAN/LEASE DOCUMENT NO: _____
PRECIOUS METAL CODE: _
IDLE EQUIPMENT CODE: _
ENTER 'C' TO CANCEL: _____

THIS DATA IS FROM THE xxxxxxxxxxxx FILE

```

a. TRNC60P2 External Parameters - None

b. TRNC60P2 Inputs

#USER-NO	(A6)	#L-L-DOC-NO	(A6)
#ACQ-DOC-CNTL-NO	(A11)	#CONTRACTOR-CONVEYOR	(A9)
#EQUIP-ZIP-CODE	(A5)	#EQUIP-BUILDING	(A10)
#EQUIP-ROOM	(A5)	#LOCATION	(A5)
#AVAIL-STATUS-CODE	(A1)	#CONDITION-CODE	(A2)
#COMM-DIRECT-CMD	(A10)	#PAGE-NO	(A1)
#ITEM-NM	(A30)	#OTHER-AGENCY-NOX	(N2)
#MFG-CODE	(A5)	#MFG-MODEL-NO	(A20)
#MFG-SER-NO	(A20)	#OLD-TAG-NO	(A8)
#NATIONAL-STOCK	(A13)	#UNIQUE-EQUIP-NO	(A8)
#EST-COST-CODE	(A1)	#CAP-SENS-CODE	(A1)
#HAZ-MATERIAL-CODE	(A1)	#PREC-METAL-CODE	(A1)

#EQUIP-MGNT-CODE (A1) #IDLE-EQUIP-CODE (A1)

c. TRNC60P2 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC60P2 Outputs - Pending File Record.

2.6.3.25 NASA Held Equipment Record Data Page 2 (TRNC60P3)

```

USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC60P3      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TRNC60M3     INSTALLATION NAME

PCM - C60 - NASA HELD EQUIPMENT RECORD DATA (CHANGE) PAGE 2 OF 2

ECN:                                CUSTODIAN ACCOUNT NO:
ITEM NAME:                           MODEL NO:
MFG NAME:                             SERIAL NO:

DATE INST ACQUIRED: ** ** **          YEAR MANUFACTURED: **
DATE LOANED:   ___ ___                DATE BORROWED:   ___ ___
DATE AVAILABLE: ___ ___                DATE LEASED:    ___ ___
DATE WARRANTY EXP - MATERIALS: ___ ___ DATE STORED IN:  ___ ___
LABOR:        ___ ___                DATE LAST SERVICED: ___ ___

ENTER 'C' TO CANCEL: _____

ENTER '1' TO GO TO FIRST PAGE:  _

THIS DATA IS FROM THE xxxxxxxxxxxx FILE
ENTER '1' TO GO TO SECOND PAGE:  _
(EQUIPMENT FIELDS ON PAGE 1)

```

a. TRNC60P3 External Parameters - None

b. TRNC60P3 Inputs

#DATE-INST-ACQUIRED	(N6)	#YEAR-MFG	(A2)
#DATE-LOANED-OUT	(N6)	#DATE-BORROWED-OUT	(N6)
#DATE-AVAILABLE	(N6)	#DATE-LEASED-OUT	(N6)
#DATE-STORED-IN	(N6)	#DATE-WRNTY-EXP-MATERIAL	(N4)
#DATE-LAST-SERV	(N6)	#DATE-WRNTY-EXP-LABOR	(N6)
#COMM-DIRECT-CMD	(A10)	#PAGE-NO	(A1)

c. TRNC60P3 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC60P3 Outputs - Pending File Record

2.6.3.26 Transfer To Another NASA Installation (TRNC65M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC65P1       PROPERTY CUSTODIAN SUBSYSTEM             TIME: HH:MM:SS
MAP:      TRNC65M1     INSTALLATION NAME

                          PCM - C65 - TRANSFER TO ANOTHER NASA INSTALLATION

ECN:
ITEM NAME:                CUSTODIAN ACCOUNT NO:
MFG NAME:                 MODEL NO:
                          SERIAL NO:
                          ITEM COST:

DATE SHIPPED: ** ** **   INSTALLATION (RECEIVER): ****
                          LOCAL DATA (Y): _

                          PRESS ENTER TO CONTINUE OR 'C' TO CANCEL: _____

THIS DATA IS FROM THE xxxxxxxxxxxx FILE
ENTER FIELD(S) TO BE CHANGED - MANDATORY(*) AND OPTIONAL (_)
```

a. TRNC65P1 External Parameters - None

b. TRNC65P1 Inputs

#DATE-SHIPPED-OTHER-INST (N6)

#INST-RECIEVER (N4)

#CANCEL (A10)

#LOCAL-DATA-FLAG (A1)

c. TRNC65P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC65P1 Outputs - Pending File Record

2.6.3.27 Transfer To Other Government Agency (TRNC66M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: YY-MM-DD
PROGRAM: TRNC66P1      PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:      TRNC66M1      INSTALLATION NAME

                          PCM - C66 - TRANSFER TO OTHER GOVERNMENT AGENCY

ECN:                                CUSTODIAN ACCOUNT NO:
ITEM NAME:                          MODEL NO:
MFG NAME:                            SERIAL NO:
                                      ITEM COST:

OTHER AGENCY NO: **                  LOCAL DATA (Y): _

                          PRESS ENTER TO CONTINUE OR 'C' TO CANCEL: _____

THIS DATA IS FROM THE xxxxxxxxxxxx FILE

ENTER FIELD(S) TO BE CHANGED - MANDATORY (*) AND OPTIONAL (_)
```

a. TRNC66P1 External Parameters - None

b. TRNC66P1 Inputs

#OTHER-AGENCY-NO (N2)

#CANCEL (A10)

#LOCAL-DATA-FLAG (A1)

c. TRNC66P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC66P1 Outputs - Pending File Record

2.6.3.28 Transfer Of GFE To A Contractor (TRNC67M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC67P1       PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TRNC67M1      INSTALLATION NAME

                          PCM - C67 - TRANSFER OF GFE TO A CONTRACTOR

ECN:                                CUSTODIAN ACCOUNT NO:
ITEM NAME:                           MODEL NO:
MFG NAME:                             SERIAL NO:
                                      ITEM COST:

INSTALLATION (RECEIVER): ****        CONTRACTOR (RECEIVER): *****
                                      LOCAL DATA (Y): _

                          PRESS ENTER TO CONTINUE OR 'C' TO CANCEL: _____

THIS DATA IS FROM THE xxxxxxxxxxxx FILE

ENTER FIELD(S) TO BE CHANGED - MANDATORY (*) AND OPTIONAL (_)
```

a. TRNC67P1 External Parameters - None

b. TRNC67P1 Inputs

#INST-RECEIVER (N4)

#CONTRACTOR-RECEIVER (A9)

#CANCEL (A10)

#LOCAL-DATA-FLAG (A1)

c. TRNC67P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC67P1 Outputs - Pending File Record.

2.6.3.29 Lease In-Returned (TRNC69M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC69P1      PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:      TRNC69M1          INSTALLATION NAME

                                PCM - C69 - LEASE IN-RETURNED

ECN:                                CUSTODIAN ACCOUNT NO:
ITEM NAME:                          MODEL NO:
MFG NAME:                            SERIAL NO:
                                      ITEM COST:

                                      LOCAL DATA (Y): _

                                PRESS ENTER TO CONTINUE OR 'C' TO CANCEL: _____

THIS DATA IS FROM THE xxxxxxxxxxxx FILE
ENTER FIELD(S) TO BE CHANGED - MANDATORY (*) AND OPTIONAL (_)
```

a. TRNC69P1 External Parameters - None

b. TRNC69P1 Inputs

#CANCEL (A10)

#LOCAL-DATA-FLAG (A1)

c. TRNC69P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC69P1 Outputs - Pending File Record.

2.6.3.30 Loan In-Returned (TRNC70M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC70P1      PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:      TRNC70M1          INSTALLATION NAME

                          PCM - C70 - LOAN IN-RETURNED

ECN:                    CUSTODIAN ACCOUNT NO:
ITEM NAME:              MODEL NO:
MFG NAME:               SERIAL NO:
                        ITEM COST:
                        LOCAL DATA (Y): _

                          PRESS ENTER TO CONTINUE OR 'C' TO CANCEL: _____

THIS DATA IS FROM THE xxxxxxxxxxxx FILE
ENTER FIELD(S) TO BE CHANGED - MANDATORY (*) AND OPTIONAL (_)
```

a. TRNC70P1 External Parameters - None

b. TRNC70P1 Inputs

#CANCEL (A10)

#LOCAL-DATA-FLAG (A1)

c. TRNC70P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC70P1 Outputs - Pending File Record.

2.6.3.31 Survey (Missing Equipment) (TRNC71M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNC71P1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TRNC71M1          INSTALLATION NAME

                                PCM - C71 - SURVEY (MISSING EQUIPMENT)

ECN:                                CUSTODIAN ACCOUNT NO:
ITEM NAME:                          MODEL NO:
MFG NAME:                            SERIAL NO:
                                      ITEM COST:

                                      LOCAL DATA (Y): _

                                PRESS ENTER TO CONTINUE OR 'C' TO CANCEL: _____

THIS DATA IS FROM THE xxxxxxxxxxxx FILE

ENTER FIELD(S) TO BE CHANGED - MANDATORY (*) AND OPTIONAL (_)
```

a. TRNC71P1 External Parameters - None

b. TRNC71P1 Inputs

#CANCEL (A10)

#LOCAL-DATA-FLAG (A1)

c. TRNC71P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC71P1 Outputs - Pending File Record.

2.6.3.32 Decontrol (Removal Of Tags) (TRNC72M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: YY-MM-DD
PROGRAM: TRNC72P1       PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:      TRNC72M1      INSTALLATION NAME

                          PCM - C72 - DECONTROL (REMOVAL OF TAGS)

ECN:                                CUSTODIAN ACCOUNT NO:
ITEM NAME:                          MODEL NO:
MFG NAME:                           SERIAL NO:
                                      ITEM COST:

                                      LOCAL DATA (Y): _

                          PRESS ENTER TO CONTINUE OR 'C' TO CANCEL: _____

THIS DATA IS FROM THE xxxxxxxxxxxx FILE

ENTER FIELD(S) TO BE CHANGED - MANDATORY (*) AND OPTIONAL
```

a. TRNC72P1 External Parameters - None

b. TRNC72P1 Inputs

#CANCEL (A10)

#LOCAL-DATA-FLAG (A1)

c. TRNC72P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC72P1 Outputs - Pending File Record

2.6.3.33 Deletes Resulting From Assembly/Disassembly (TRNC73M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: YY-MM-DD
PROGRAM: TRNC73P1      PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:      TRNC73M1      INSTALLATION NAME

                PCM - C73 - DELETED RESULTING FROM ASSEMBLY/DISASSEMBLY

ECN:                                CUSTODIAN ACCOUNT NO:
ITEM NAME:                          MODEL NO:
MFG NAME:                           SERIAL NO:
                                      ITEM COST:

                                      LOCAL DATA (Y): _

                PRESS ENTER TO CONTINUE OR 'C' TO CANCEL: _____

THIS DATA IS FROM THE xxxxxxxxxxxx FILE

ENTER FIELD(S) TO BE CHANGED - MANDATORY (*) AND OPTIONAL (_)
```

a. TRNC73P1 External Parameters - None

b. TRNC73P1 Inputs

#CANCEL (A10)

#LOCAL-DATA-FLAG (A1)

c. TRNC73P1 Processing

See NEMS Specification Book 1 for the processing requirements of this transaction. FETCH RETURN SGN004P1. With a direct command FETCH NAV100P1. FETCH TRNC00P1.

d. TRNC73P1 Outputs - Pending File Record.

2.6.3.34 Local Data (For All Transactions) (TRNCLDM1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TRNCLDP1       PROPERTY CUSTODIAN SUBSYSTEM           TIME: HH:MM:SS
MAP:      TRNCLDM1     INSTALLATION NAME

                                LOCAL DATA UPDATE

ECN: XXXXXXXX

LOCAL DATA:
*****

                                ENTER 'C' TO CANCEL: _____
```

a. TRNCLDP1 External Parameters - None

b. TRNCLDP1 Inputs

#COMM-ECN (A7)

#CANCEL (A10)

#LOCAL-DATA-FLAG (A1)

c. TRNCLDP1 Processing

The Local Data information for a particular ECN is read into the PCMGDA parameter #COMM-LOCAL-DATA. That value is displayed on this map. If the manager or custodian changes the Local Data Information on this screen, the new Local Data is placed in the PCMGDA parameter #COMM-LOCAL-DATA. If the signature process completes successfully, the new local data is added to the Pending File Record. FETCH TRNC00P1.

d. TRNCLDP1 Outputs

The new local data is added to the PCM Pending File Record.

2.6.3.35 Inventory Warning Screen (Grid Location) (TRNCW1M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: YY-MM-DD
PROGRAM: XXXXXXXX      PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:      TRNCW1M1     INSTALLATION NAME

                          INVENTORY WARNING SCREEN

ECN: XXXXXXXX

OLD GRID LOCATION:
NEW GRID LOCATION:

WARNING *** DUE TO THIS CHANGE INVENTORY MAY NOT BE CLOSED

PRESS ENTER TO CONTINUE OR 'C' TO CANCEL: _____
```

a. External Parameters - None

b. Inputs

#COMM-ECN (A1)

#LOCATION-HOLD (A5)

#CANCEL (A10)

#LOCAL-DATA-FLAG (A1)

c. Processing

If the Grid Location is being changed by a valid transaction and the Grid Location is being inventoried, then this warning screen is displayed. FETCH TRNC00P1.

d. Outputs - Pending File Record.

2.7.1 Interfaces

Batch Component

2.7.2 Common Variable Data

The common variables will be stored in a global data area, PDMGDA.

2.7.3 Reports Architecture Decomposition

See Figure 2.7.3, Appendix B

2.7.3.1 Report Selection Screen (RPTC00M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: RPTC00P1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      RPTC00M1          INSTALLATION NAME

                          REPORT SELECTION SCREEN

                          ENTER FUNCTION OR 'X' TO EXIT: _____

                          1.  SELECT ON-REQUEST REPORT
                          2.  ALTER CURRENTLY SCHEDULED REPORTS
```

a. RPTC00P1 External Parameters - None

b. RPTC00P1 - Inputs

#FUNCTION (A10)

c. RPTC00P1 Processing

See NEMS Specifications for processing details.

Enter the desired selection or exit.

IF #OPTION = '1' THEN FETCH RPTSELP1

IF #OPTION = '2' THEN FETCH RPTSUBP1

IF #OPTION = 'X' THEN FETCH #MNUC01P1

With direct command FETCH NAV100P1

d. RPTC00P1 Outputs - None

2.7.3.2 On-Request Report Selection Screen (RPTSELM1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY/MM/DD
PROGRAM: RPTSELP1       PROPERTY CUSTODIAN SUBSYSTEM             TIME: HH:MM:SS
MAP:      RPTSELM1      INSTALLATION NAME

                                ON-REQUEST REPORT SELECTION SCREEN

ENTER REPORT NUMBER OR 'X' TO EXIT: _____

020  CUSTODIAN MONTHLY TRANSACTION REPORT
120  PROPERTY LOCATION REPORT
140  CUSTODIAN ACCOUNT PROPERTY REPORT (BY CAP SENS CODE)
141  CUSTODIAN ACCOUNT PROPERTY REPORT (BY ECN)
170  ITEMS FOUND ON STATION REPORT
240  CUSTODIAN TRANSACTIONS IN PENDING STATUS
245  TRANSACTIONS AWAITING ACTION (CUSTODIANS)
246  TRANSACTIONS AWAITING ACTION (EQUIPMENT MANAGERS)
501  DETAIL ITEM LIST (RANGE OF RECORDS)
830  NEMS-1 (BY ECN)
```

a. RPTSELP1 External Parameters - None

b. RPTSELP1 Inputs

#REPORT-NUMBER (A10)

#REPORT-NAME (A70)

c. RPTSELP1 Processing

See NEMS Specifications for processing details. Display up to thirteen valid reports from Table S06 (PCM Report Number Table) IF #REPORT-NUMBER = 'X' THEN FETCH RPTC00P1. IF #REPORT-NUMBER 'a valid report number' THEN FETCH the appropriate program for report criteria entry, THEN FETCH REPSELP2 for report distribution information. With direct command FETCH NAV100P1

d. RPTSELP1 Outputs

2.7.3.3 Report Distribution Information (RPTSELM2)

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: YY-MM-DD
PROGRAM: RPTSELP2	PROPERTY CUSTODIAN SUBSYSTEM	TIME: HH:MM:SS
MAP: RPTSELM2	INSTALLATION NAME	
	REPORT DISTRIBUTION INFORMATION	
EFFECTIVE DATE (MMDDYY): ___ __ __		
INSTALLATION NUMBER:		
DISTRIBUTION: _____		
MAIL STOP: _____		
NUMBER OF COPIES: ___		
PRINTER DESTINATION CODE: _____		
REPORT PRINT TYPE - XEROX (X) OR PRINTER (P): _		
BINDING INSTRUCTIONS (IF XEROX): _		
G - GLUE BOUND	U - UNBOUND	
S - STAPLED	V - VELOBOUND	ENTER 'C' TO CANCEL: _____

- a. RPTSELP2 External Parameters - None
- b. RPTSELP2 Inputs - None
- c. RPTSELP2 Processing
See NEMS Specifications for processing details.
- d. RPTSELP2 Outputs None

2.7.3.4 Custodian Monthly Transaction Report (PRM020M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: YY/MM/DD
PROGRAM: PRM020P1      PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:    PRM020M1      INSTALLATION NAME

                                CUSTODIAN MONTHLY TRANSACTION REPORT

BEGINNING DATE:           ___ ___ ___
                          (DEFAULT IS '01 01 01' (YYMMDD) FORMAT)
ENDING DATE:             ___ ___ ___
                          (DEFAULT IS '99 12 31' (YYMMDD) FORMAT)

                                ENTER 'C' TO CANCEL: _____
```

- a. PRM020P1 External Parameters - None
- b. PRM020P1 Inputs

BEGINNING DATE (DEFAULT) (N6)

ENDING DATE (DEFAULT) (N6)

#CANCEL (N10)

- c. PRM020P1 Processing

See NEMS Specifications Book 1 for processing details. FETCH RPTSLEP2.
If #CANCEL = 'C' then FETCH RPTC00P1. With direct command FETCH
NAV100P1

- d. PRM020P1 Outputs

NEMS-REPORTS File Record

2.7.3.5 Property Location Report (PRM120M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: YY/MM/DD
PROGRAM: PRM120P1       PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:    PRM120M1        INSTALLATION NAME

                          PCM 120 - PROPERTY LOCATION REPORT

BEGINNING EQUIPMENT ZIP CODE: _____ (DEFAULT '  A ')
ENDING EQUIPMENT ZIP CODE:   _____ (DEFAULT '99999')

BEGINNING EQUIPMENT BUILDING: _____ (DEFAULT '          A ')
ENDING EQUIPMENT BUILDING:   _____ (DEFAULT '9999999999')

                          ENTER 'C' TO CANCEL: _____
```

a. PRM120P1 External Parameters - None

b. PRM120P1 Inputs

BEGINNING EQUIPMENT ZIP (DEFAULT) (A5)

ENDING EQUIPMENT ZIP (DEFAULT) (A5)

BEGINNING EQUIPMENT BUILDING (DEFAULT) (A5)

ENDING EQUIPMENT BUILDING (A5)

#CANCEL (N10)

c. PRM120P1 Processing

See NEMS Specifications Book 1 for processing details. FETCH RPTSELP1.
If #CANCEL = 'C' then FETCH RPTC00P1. With direct command FETCH
NAV100P1

d. PRM120P1 Outputs

NEMS-REPORTS File Record.

2.7.3.6 Custodian Account Property Report (PRM140M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: YY/MM/DD
PROGRAM: PRM140P1      PROPERTY CUSTODIAN SUBSYSTEM           TIME: HH:MM:SS
MAP:    PRM140M1      INSTALLATION NAME

                PCM 140 - CUSTODIAN ACCOUNT PROPERTY REPORT

BEGINNING CAPITAL/SENSITIVE CODE: _      (DEFAULT IS 'A')
ENDING CAPITAL/SENSITIVE CODE:   _      (DEFAULT IS '9')

BEGINNING ECN:           _____ (DEFAULT IS '      A')
ENDING ECN:             _____ (DEFAULT IS '9999999')

                ENTER 'C' TO CANCEL: _____
```

a. PRM140P1 External Parameters - None

b. PRM140P1 Inputs

BEGINNING CAP SENS CODE (DEFAULT) (A1)

ENDING CAP SENS CODE (DEFAULT) (A1)

BEGINNING ECN (DEFAULT) (A7)

ENDING ECN (DEFAULT) (A7)

#CANCEL (N10)

c. PRM140P1 Processing

See NEMS Specifications Book 1 for processing details. FETCH RPTSELP1.
If #CANCEL = 'C' then FETCH RPTC00P1. With direct command FETCH
NAV100P1. With direct command FETCH NAV100P1

d. PRM140P1 Outputs

NEMS-REPORTS File Record.

2.7.3.7 Custodian Account Property Report (PRM141M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: YY/MM/DD
PROGRAM: PRM141P1      PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:    PRM141M1      INSTALLATION NAME

                          PCM 141 - CUSTODIAN ACCOUNT PROPERTY REPORT

BEGINNING CAPITAL/SENSITIVE CODE: _      (DEFAULT IS 'A')
ENDING CAPITAL/SENSITIVE CODE:   _      (DEFAULT IS '9')

BEGINNING ECN:             _____ (DEFAULT IS '    A')
ENDING ECN:                _____ (DEFAULT IS '9999999')

                          ENTER 'C' TO CANCEL: _____
```

a. PRM141P1 External Parameters - None

b. PRM141P1 Inputs

BEGINNING CAP SENS CODE (DEFAULT) (A1)

ENDING CAP SENS CODE (DEFAULT) (A1)

BEGINNING ECN (DEFAULT) (A7)

ENDING ECN (DEFAULT) (A7)

#CANCEL (N10)

c. PRM141P1 Processing

See NEMS Specifications Book 1 for processing details. FETCH RPTSELP1.
If #CANCEL = 'C' then FETCH RPTC00P1. With direct command FETCH
NAV100P1

d. PRM141P1 Outputs

NEMS-REPORTS File Record.

2.7.3.8 Custodian Account Property Report (PRM170M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: YY/MM/DD
PROGRAM: PRM170P1       PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:    PRM170M1        INSTALLATION NAME

                          PCM 170 - CUSTODIAN ACCOUNT PROPRTY REPORT

BEGINNING DATE INSTALLATION ACQUIRED:  __ __ __ (DEFAULT IS 00 00 00
                                         (YMMDD) FORMAT)

ENDING DATE INSTALLATION ACQUIRED:    __ __ __ (DEFAULT IS 00 00 00
                                         (YMMDD) FORMAT)

                               ENTER 'C' TO CANCEL: _____
```

a. PRM170P1 External Parameters - None

b. PRM170P1 Inputs

BEGINNING DATE INST ACQUIRED (DEFAULT) (A1)

ENDING DATE INST ACQUIRED (DEFAULT) (A1)

#CANCEL (N10)

c. PRM170P1 Processing

See NEMS Specifications Book 1 for processing details. FETCH RPTSELP1.
If #CANCEL = 'C' then FETCH RPTC00P1. With direct command FETCH
NAV100P1

d. PRM170P1 Outputs

NEMS-REPORTS File Record.

2.7.3.9 Transaction In Pending Status (PRM240M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: YY/MM/DD
PROGRAM: PRM240P1       PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:    PRM240M1        INSTALLATION NAME

                                PCM 240 - TRANSACTIONS IN PENDING STATUS

BEGINNING CUSTODIAN ACCOUNT:  _____
ENDING CUSTODIAN ACCOUNT:    _____

BEGINNING ECN:                _____ (DEFAULT IS 'A000000')
ENDING ECN:                    _____ (DEFAULT IS '9999999')

BEGINNING EQUIPMENT BUILDING: _____ (DEFAULT IS '          A')
ENDING EQUIPMENT BUILDING:    _____ (DEFAULT IS '9999999999')

                                ENTER 'C' TO CANCEL: _____
```

a. PRM240P1 External Parameters - None

b. PRM240P1 Inputs

BEGINNING CUSTODIAN ACCOUNT (DEFAULT) (A5)

ENDING CUSTODIAN ACCOUNT (DEFAULT) (A5)

BEGINNING ECN (DEFAULT) (A7)

ENDING ECN (DEFAULT) (A7)

BEGINNING EQUIPMENT BUILDING (DEFAULT) (A5)

ENDING EQUIPMENT BUILDING (A5)

#CANCEL (N10)

c. PRM240P1 Processing

See NEMS Specifications Book 1 for processing details. FETCH RPTSELP1.
If #CANCEL = 'C' then FETCH RPTC00P1. With direct command FETCH
NAV100P1

d. PRM240P1 Outputs

NEMS-REPORTS File Record.

2.7.3.10 Transactions Awaiting Action (PRM245M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: YY/MM/DD
PROGRAM: PRM245P1       PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:    PRM245M1        INSTALLATION NAME

                                PCM 245 - TRANSACTIONS AWAITING ACTION

BEGINNING CUSTODIAN ACCOUNT:  _____
ENDING CUSTODIAN ACCOUNT:    _____

BEGINNING ECN:                _____ (DEFAULT IS 'A000000')
ENDING ECN:                    _____ (DEFAULT IS '9999999')

BEGINNING EQUIPMENT BUILDING: _____ (DEFAULT IS '          A')
ENDING EQUIPMENT BUILDING:    _____ (DEFAULT IS '9999999999')

                                ENTER 'C' TO CANCEL: _____
```

a. PRM245P1 External Parameters - None

b. PRM245P1 Inputs

BEGINNING CUSTODIAN ACCOUNT (DEFAULT) (A5)

ENDING CUSTODIAN ACCOUNT (DEFAULT) (A5)

BEGINNING ECN (DEFAULT) (A7)

ENDING ECN (DEFAULT) (A7)

BEGINNING EQUIPMENT BUILDING (DEFAULT) (A5)

ENDING EQUIPMENT BUILDING (A5)

#CANCEL (N10)

c. PRM245P1 Processing

See NEMS Specifications Book 1 for processing details. FETCH RPTSELP1.
If #CANCEL = 'C' then FETCH RPTC00P1. With direct command FETCH
NAV100P1

d. PRM245P1 Outputs

NEMS-REPORTS File Record.

2.7.3.11 Detail Item List (Range Of Records) (PRM501M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: YY/MM/DD
PROGRAM: PRM501P1       PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:    PRM501M1        INSTALLATION NAME

                          PCM 501 - DETAIL ITEM LIST (RANGE OF RECORDS)

BEGINNING ECN:          _____ (DEFAULT IS 'A000000')
ENDING ECN:             _____ (DEFAULT IS '9999999')

BEGINNING EQUIPMENT BUILDING: _____ (DEFAULT IS '          A')
ENDING EQUIPMENT BUILDING: _____ (DEFAULT IS '9999999999')

                          ENTER 'C' TO CANCEL: _____
```

PRM501P1 External Parameters - None

a. PRM501P1 Inputs

BEGINNING ECN (DEFAULT) (A7)

ENDING ECN (DEFAULT) (A7)

BEGINNING EQUIPMENT BUILDING (DEFAULT) (A5)

ENDING EQUIPMENT BUILDING (A5)

#CANCEL (N10)

b. PRM501P1 Processing

See NEMS Specifications Book 1 for processing details. FETCH RPTSELP1.
If #CANCEL = 'C' then FETCH RPTC00P1. With direct command FETCH
NAV100P1

c. PRM501P1 Outputs

NEMS-REPORTS File Record.

2.7.3.12 NEMS-1 (By ECN) (PRM830M1)

```

USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: PRM830P1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:    PRM830M1      INSTALLATION NAME

                                NEMS-1 (BY ECN)

                ECN: _____ (NO DEFAULT)

ADDITIONAL ECNS: _____

(MAY BE BLANK) _____

                _____

                _____

                _____

                                ENTER 'C' TO CANCEL: _____
  
```

a. PRM830P1 External Parameters - None

b. PRM830P1 Inputs

#ECN (A7)

#ECNs (A7)

#COMM-DIRECT-CMD (A10)

#COMM-ERR-MESSAGE1 (A78)

#COMM-ERR-MESSAGE2 (A78)

#COMM-ERR-MESSAGE3 (A78)

#CANCEL (A10)

c. PRM830P1 Processing

See NEMS Specifications Book 1 for processing details. FETCH RPTSELP1.
 If #CANCEL = 'C' then FETCH RPTC00P1. With direct command FETCH
 NAV100P1

d. PRM830P1 Outputs

NEMS-REPORTS File Record.

2.7.3.13 Report Distribution Information (RPTSTDM1)

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: YY/MM/DD
PROGRAM: RPTSTDP1	PROPERTY CUSTODIAN SUBSYSTEM	TIME: HH:MM:SS
MAP: RPTSTDM1	INSTALLATION NAME	
PCM STANDARD REPORT DISTRIBUTION		
DISTRIBUTION: _____	INSTALLATION NUMBER:	
MAIL STOP: _____		
NUMBER OF COPIES: __		
PRINTER DESTINATION CODE: _____		
REPORT PRINT TYPE - XEROX (X) OR PRINTER (P): _		
BINDING INSTRUCTIONS (IF XEROX): _		
G = GLUE BOUND		
S = STAPLED		
U = UNBOUND		
V = VELOBOUND	PRESS ENTER FOR NEXT OR 'C' TO CANCEL: _____	

a. RPTSTDP1 External Parameters - None

b. RPTSTDP1 Inputs

DISTRIBUTION (A20)

MAIL STOP (A8)

NUMBER OF COPIES (N2)

PRINTER DESTINATION CODE (A10)

REPORT PRINT TYPE (DEFAULT) (A1)

BINDING (DEFAULT) (A1)

#CANCEL (A10)

c. RPTSTDP1 Processing

See NEMS Specifications Book 1 for processing details. FETCH RPTSELP1.
If #CANCEL = 'C' then FETCH RPTC00P1. With direct command FETCH
NAV100P1. If #EXIT = 'X' then FETCH RPTC00P1. With direct command
FETCH NAV100P1. FETCH RPTC00P1.

d. RPTSTDP1 Outputs

NEMS-REPORTS File Record.

2.7.3.14 Jobs-Scheduled To Run Tonight (RPTSUBM1)

```

USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY/MM/DD
PROGRAM: RPTSUBP1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      RPTSUBM1     INSTALLATION NAME

                                JOBS SCHEDULED TO RUN TONIGHT

SEQ RPT  EFF-DATE STATUS COPIES      DISTRIBUTION              FREQUENCY
1   010  96/11/15          1      A43                      DAILY
2   010  96/11/15          1      NEMS CONTROL              DAILY
3   020  96/11/25          1      MELYNDA PONDER            REQUESTED BY MSMEP
4   141  97/01/22          1      NEMS CONTROL              REQUESTED BY MSKDW
5   141  97/01/22    C    1      NEMS CONTROL              REQUESTED BY MSKDW
6   141  97/01/22    C    1      NEMS CONTROL              REQUESTED BY MSKDW
7   141  97/01/22    C    1      NEMS CONTROL              REQUESTED BY MSKDW
8   110  97/01/29          1      NEMS CONTROL              REQUESTED BY MSKDW
9   130  97/01/29          1      NEMS CONTROL              REQUESTED BY MSKDW
10  131  97/01/29          1      NEMS CONTROL              REQUESTED BY MSKDW
ENTER ' ' TO CONTINUE OR 'X' TO EXIT: _____
ENTER SEQ NUMBER: __ AND NEW STATUS (P=POSTPONE,C=CANCEL,' '=ON SCHEDULE): _

                                (MORE REPORTS ON NEXT PAGE)

```

a. RPTSUBP1 Parameters - None

b. RPTSUBP1 Inputs

#EXIT (A10)

#SEQ-NO (A2)

#STATUS (A1)

c. RPTSUBP1 Processing

Display all the scheduled reports from NEMS-REPORTS File. Update #STATUS to 'P' or 'C' or Blank. If #EXIT = 'X' the FETCH RPTC00P1. With direct command FETCH NAV100P1. FETCH RPTC00P1.

d. RPTSUBP1 Outputs

NEMS-REPORTS File Record.

2.8 TABLE MAINTENANCE

Update capability is given for NEMSPCM tables only. The Managers are able to update Tables 69 and 70. Custodians are able to update Table 70 only if authorized by their Manager.

2.8.1 INTERFACES

None

2.8.2 Common Variable Data

The common variables will be stored in a global data area, PCMGDA.

2.8.3 Table Maintenance Architecture Decomposition

See Figure 2.8.3

2.8.3.1 Table Updates (TBLC00M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TBLC00P1      PROPERTY CUSTODIAN SUBSYSTEM            TIME: HH:MM:SS
MAP:      TBLC00M1          INSTALLATION NAME

                                TABLE UPDATES

                                ENTER TABLE NUMBER OR 'X' TO EXIT: _____

                                C69  USERID AUTHORITY TABLE
                                C70  REJECT REASON TABLE
                                S06  REPORT NUMBER TABLE (GLOBAL)
                                621  TRANSACTION NUMBER TABLE (GLOBAL)
```

a. TBLC00P1 External Parameters - None

b. TBLC00P1 Inputs

#TABLE-NO (A10)

c. TBLC00P1 Processing

Accept the Table number to be processed. Validate the table number.
FETCH appropriate TBLCxxP1 module or display a message. If #TABLE-NO
= 'X' then FETCH MNUC01P1. With direct command FETCH NAV100P1.

d. TBLC00P1 Outputs - None

2.8.3.2 Userid Authority Table (TBLC69M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TBLC69P1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TBLC69M1     INSTALLATION NAME

                                USERID AUTHORITY TABLE

ENTER FUNCTION: _____  A = ADD
                              C = CHANGE
                              D = DELETE
                              X = EXIT

USERID: _____
```

a. TBLC69P1 External Parameters - None

b. TBLC69P1 Inputs

#FUNCTION (A10)

#USER-ID (A8)

c. TBLC69P1 Processing

Accept the function and userid. FETCH. If #TABLE-NO = 'X' then FETCH MNUC01P1. With direct command FETCH NAV100P1.

d. TBLC69P1 Outputs - None

2.8.3.3 Userid Authority Table (TBLC69M2) Screen-2

```

USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TBLC69P1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TBLC69M2      INSTALLATION NAME

                                USERID AUTHORITY TABLE          *****

USERID: XXXXX          USER NAME: _____

INSTALLATION NUMBER: ____ CUST ACCT NO: ____  ADDITIONAL CUST ACCTS (Y/N): N

USER TYPE: _          SIGNATURE/PASSWORD:

(ENTER Y OR N; DEFAULT IS N)

SUPERNATURAL: N      TABLE UPDATE AUTHORITY: N

PAGE (1 OF 3)          ENTER 'C' TO CANCEL OR PAGE NUMBER: _____
ENTER DATA AND PRESS ENTER TO ADD RECORD
  
```

a. TBLC69P1 External Parameters Screen 2 - None

b. TBLC69P1 Inputs Screen 2

#TABLE-ACTION	(A6)	#USERID	(A8)
#USER-NAME	(A30)	#INST-NO	(A4)
#CUST-ACCT-NO	(A5)	#ADD-CUST-ACCT-SW	(A1)
#USER-TYPE-AUTHORITY	(A1)	#NEW-SIGNATURE	(A8)
#SUPER-NAT-AUTHORITY	(A1)	#TABLE-AUTHORITY	(A1)
#CANCEL	(A10)		

c. TBLC69P1 Processing Screen 2

If #CANCEL = 'C' then FETCH TBLC69M1. If #ADD-CUST-ACCT-SW = 'Y' and #TABLE-ACTION = 'ADD' then FETCH TBLC69P2 and TBLC69M6. If #ADD-CUST-ACCT-SW = 'Y' and #TABLE-ACTION = 'CHANGE ' then FETCH TBLC69P3 and TBLC69M6.

d. TBLC69P1 Outputs Screen 2

NEMS-PCM-AUTH File Record

2.8.3.3.1 Additional Custodian Accounts For Add (TBLC69M6)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TBLC69P2      PROPERTY CUSTODIAN SUBSYSTEM            TIME: HH:MM:SS
MAP:      TBLC69M6    INSTALLATION NAME

                        ADDITIONAL CUSTODIAN ACCOUNTS

MANUALLY ENTER ADDITIONAL CUSTODIAN ACCOUNTS AND/OR ENTER A '?' IN ANY
BLANK FIELD TO MAKE SELECTION FROM A POP UP WINDOW.

_____  _____  _____  _____  _____  _____  _____  _____
_____  _____  _____  _____  _____  _____  _____  _____
_____  _____  _____  _____  _____  _____  _____  _____
_____  _____  _____  _____  _____  _____  _____  _____
_____  _____  _____  _____  _____  _____  _____  _____

                        ENTER 'X' TO ACCEPT CHANGE OR 'C' TO CANCEL:  _
```

a. TBLC69P2 External Parameters- None

b. TBLC69P2 Inputs

#HDR2 (A72)

#HDR3 (A72)

#ADD-CUST-ACCT (A5/40)

#ENTER-MSG (A67)

#CANCEL (A10)

c. TBLC69P2 Processing

Validate all inputs. If #ADD-CUST-ACCT (#) = '?' then CALLNAT TRNC69S1.
If #CANCEL = 'X' then accept all inputs and return to program TRNC69P1. If
#CANCEL = 'C' then cancel all inputs and return to program TRNC69P1.

d. TBLC69P2 Outputs

NEMS-PCM-AUTH File Record

2.8.3.3.2 Additional Custodian Accounts For Change (TBLC69M6)

USER-ID: XXXXX	NASA EQUIPMENT MANAGEMENT SYSTEM	DATE: YY-MM-DD
PROGRAM: TBLC69P3	PROPERTY CUSTODIAN SUBSYSTEM	TIME: HH:MM:SS
MAP: TBLC69M6	INSTALLATION NAME	

ADDITIONAL CUSTODIAN ACCOUNTS

TO ADD ACCOUNTS - ENTER MANUALLY OR ENTER A '?' IN A BLANK FIELD FOR A
POP-UP LIST. TO DELETE - BLANK OUT FIELD. TO REPLACE - TYPE OVER FIELD.

_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

ENTER 'X' TO ACCEPT CHANGE OR 'C' TO CANCEL: _

a. TBLC69P3 External Parameters- None

b. TBLC69P3 Inputs

#HDR2 (A72)

#HDR3 (A72)

#ADD-CUST-ACCT (A5/40)

#ENTER-MSG (A67)

#CANCEL (A10)

c. TBLC69P3 Processing

Validate all inputs. If #ADD-CUST-ACCT (#I) = '?' then CALLNAT TRNC69S1.
If #CANCEL = 'X' then accept all inputs and return to program TRNC69P1. If
#CANCEL = 'C' then cancel all inputs and return to program TRNC69P1.

d. TBLC69P3 Outputs

NEMS-PCM-AUTH File Record

2.8.3.3.3 Pop-up Screen (TBLC69M7)

```
MARK CUSTODIAN ACCOUNTS WITH A 'X' TO SELECT:
_ XXXXX _ XXXXX _ XXXXX _ XXXXX _ XXXXX
_ XXXXX _ XXXXX _ XXXXX _ XXXXX _ XXXXX
_ XXXXX _ XXXXX _ XXXXX _ XXXXX _ XXXXX
_ XXXXX _ XXXXX _ XXXXX _ XXXXX _ XXXXX
_ XXXXX _ XXXXX _ XXXXX _ XXXXX _ XXXXX

ENTER 'N' = NEXT PAGE 'C' = CANCEL ALL: _
      'X' = SELECT ACCOUNTS AND RETURN
      NUMBER OF CUSTODIAN ACCOUNT SELECTED IS X
```

a. TBLC69S1 External Parameters- None

#PARA-INST-SUB (N2)

#ADD-CUST-ACCT (A5/40)

#K (N2)

b. TBLC6S1 Inputs

#SEL (A1/40)

#CANCEL (A10)

c. TBLC69S1 Processing

Validate all inputs. If #CANCEL = 'C' then clear #ADD-CUST-ACCT array and return to TBLC69P2 if adding a new user or return to TBLC69P3 if changing an existing user. If #CANCEL = 'X' accept all inputs then return to TBLC69P2 if adding a new user or return to TBLC69P3 if changing an existing user. If #CANCEL = 'N' then DISPLAY NEXT PAGE.

d. TBLC69S1 Outputs

#PARA-INST-SUB (N2)

#ADD-CUST-ACCT (A5/40)

#K (N2)

2.8.3.4 User Authority Table Screen 3 (TBLC69M3)

```

USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TBLC69P1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TBLC69M3     INSTALLATION NAME

USERID: XXXXX          USERID AUTHORITY TABLE                  CHANGE
REPORT AUTHORITY (ENTER Y OR N; DEFAULT IS N):
Y REPORT 020 - CUSTODIAN MONTHLY TRANSACTION REPORT
Y REPORT 120 - PROPERTY LOCATION REPORT
Y REPORT 140 - CUSTODIAN ACCOUNT PROPERTY REPORT (BY CAP SENS CODE)
Y REPORT 141 - CUSTODIAN ACCOUNT PROPERTY REPORT (BY ECN)
Y REPORT 170 - ITEMS FOUND ON STATION REPORT
Y REPORT 240 - CUSTODIAN TRANSACTIONS IN PENDING STATUS
Y REPORT 245 - TRANSACTIONS AWAITING ACTION (CUSTODIANS)
Y REPORT 246 - TRANSACTIONS AWAITING ACTION (EQUIPMENT MANAGERS)
Y REPORT 501 - DETAIL ITEM LIST (RANGE OF RECORDS)
Y REPORT 830 - NEMS-1 (BY ECN)
N REPORT      -
(PAGE 2 OF 3)          ENTER 'C' TO CANCEL OR PAGE NUMBER: _____
  
```

a. TBLC69P1 External Parameters Screen 3 - None

b. TBLC69P1 Inputs Screen 3

#RPT010-AUTHORITY	(A1)	#RPT120-AUTHORITY	(A1)
#RPT140-AUTHORITY	(A1)	#RPT141-AUTHORITY	(A1)
#RPT170-AUTHORITY	(A1)	#RPT240-AUTHORITY	(A1)
#RPT245-AUTHORITY	(A1)	#RPT246-AUTHORITY	(A1)
#RPT501-AUTHORITY	(A1)	#RPT830-AUTHORITY	(A1)
#CANCEL	(A10)		

c. TBLC69P1 Processing Screen 3

Report Authority = 'Y' or 'N'. FETCH TBLC69M4. If #CANCEL = 'C' FETCH TBLC69M1. With direct command FETCH NAV100P1.

d. TBLC69P1 Outputs Screen 3

NEMS-PCM-AUTH File Record.

2.8.3.5 Userid Authority Table Screen 4 (TBLC69M4)

```

USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TBLC69P1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TBLC69M4          INSTALLATION NAME

USERID: XXXXX          USERID AUTHORITY TABLE          CHANGE
TRANSACTION AUTHORITY (ENTER Y OR N; DEFAULT IS N)
Y C26 CUSTODIAN ACCOUNT (CHANGE)          Y C51 FREEZE NUMBER REMOVAL
Y C29 EQUIPMENT LOCATION (CHANGE)        Y C52 EXCESS TURN-IN BY CUSTODIAN
Y C30 STATUS CODE (CHANGE)                Y C56 REPAIR UPDATE
Y C31 USER NUMBER (CHANGE)                Y C57 OFF-SITE FOR REPAIR
Y C38 BORROWED OUT                          Y C60 RECORD DATA (CHANGE)
Y C39 BORROWED OUT - RETURNED              Y C65 TRANSFER TO ANOTHER NASA INST
Y C40 LOAN/LEASE OUT                        Y C66 TRANSFER TO OGA
Y C41 LOAN/LEASE OUT - RETURNED            Y C67 TRANSFER GFE TO CONTRACTOR
Y C42 LOAN POOL OUT                         Y C69 LEASE IN - RETURNED
Y C43 LOAN POOL OUT - RETURNED              Y C70 LOAN IN - RETURNED
Y C44 STORAGE IN                            Y C71 SURVEY (MISSING EQUIPMENT)
Y C45 STORAGE IN - RETURNED                 Y C72 DECONTROL (REMOVAL OF TAG)
Y C50 FREEZE NUMBER ASSIGNMENT             Y C73 ASSEMBLY/DISASSEMBLY

(PAGE 3 OF 3)          ENTER 'C' TO CANCEL OR PAGE NUMBER: _____
ENTER CHANGES AND PRESS ENTER TO MODIFY RECORD

```

a. TBLC69P1 External Parameters Screen 4 - None

b. TBLC69P1 Inputs Screen 4

#TRN26-AUTHORITY	(A1)	#TRN29-AUTHORITY	(A1)
#TRN30-AUTHORITY	(A1)	#TRN31-AUTHORITY	(A1)
#TRN38-AUTHORITY	(A1)	#TRN39-AUTHORITY	(A1)
#TRN40-AUTHORITY	(A1)	#TRN41-AUTHORITY	(A1)
#TRN42-AUTHORITY	(A1)	#TRN43-AUTHORITY	(A1)
#TRN44-AUTHORITY	(A1)	#TRN45-AUTHORITY	(A1)
#TRN50-AUTHORITY	(A1)	#TRN51-AUTHORITY	(A1)
#TRN52-AUTHORITY	(A1)	#TRN56-AUTHORITY	(A1)
#TRN60-AUTHORITY	(A1)	#TRN65-AUTHORITY	(A1)
#TRN66-AUTHORITY	(A1)	#TRN67-AUTHORITY	(A1)

#TRN69-AUTHORITY	(A1)	#TRN70-AUTHORITY	(A1)
#TRN71-AUTHORITY	(A1)	#TRN72-AUTHORITY	(A1)
#TRN73-AUTHORITY	(A1)	#CANCEL	(A10)

c. TBLC69P1 Processing Screen 4

Report Authority = 'Y' or 'N'. FETCH TBLC69M4. If #CANCEL = 'C' FETCH TBLC69M1. With direct command FETCH NAV100P1.

d. TBLC69P1 Outputs Screen 4

NEMS-PCM-AUTH File Record.

2.8.3.6 Accept/Reject Reason Table (TBLC70M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TBLC70P1      PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:      TBLC70M1      INSTALLATION NAME

                                REJECT REASON TABLE

ENTER FUNCTION: _____    A = ADD
                                C = CHANGE
                                D = DELETE
                                L = LIST
                                X = EXIT

REJECT REASON CODE: **
```

a. TBLC70P1 External Parameters - None

b. TBLC70P1 Inputs

#FUNCTION (A10)

#USER-ID (A8)

c. TBLC70P1 Processing

Validate #FUNCTION and Accept/Reject Reason Code. If #FUNCTION = 'X' FETCH TBLC00P1. With direct command FETCH NAV100P1.

d. TBLC70P1 Outputs - None

2.8.3.7 Accept/Reject Reason Table Add Screen (TBLC70M2)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: YY-MM-DD
PROGRAM: TBLC70P1      PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:   TBLC70M2        INSTALLATION NAME

                                REJECT REASON TABLE      ADD

REJECT REASON CODE: **

REJECT REASON:

_____

ENTER 'C' TO CANCEL: _____

ENTER CHANGES AND PRESS ENTER TO MODIFY RECORD
```

a. TBLC70P1 External Parameters - None

b. TBLC70P1 Inputs

#FUNCTION (A10)

#ACCEPT-REJ-REASON-CODE (A2)

#ACCEPT-REJ-REASON (A70)

#CANCEL (A10)

c. TBLC70P1 Processing

Validate Accept/Reject Code and Reason. If #FUNCTION = 'C' FETCH TBLC00P1. With direct command FETCH NAV100P1.

d. TBLC70P1 Outputs

NEMS-PCM-AUTH File Record

2.8.3.8 Accept/Reject Reason Table Change Screen (TBLC70M2)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TBLC70P1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TBLC70M2          INSTALLATION NAME

                                REJECT REASON TABLE          CHANGE

REJECT REASON CODE: XX

REJECT REASON:

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

ENTER 'C' TO CANCEL: _____

ENTER CHANGES AND PRESS ENTER TO MODIFY RECORD
```

- a. TBLC70P1 External Parameters - None
- b. TBLC70P1 Inputs

- #ACCEPT-REJ-REASON-CODE (A2)
- #ACCEPT-REJ-REASON (A70)
- #CANCEL (A10)

- c. TBLC70P1 Processing

Validate #FUNCTION and Accept/Reject Reason Code If #CANCEL = 'X'
FETCH TBLC00P1. With direct command FETCH NAV100P1.

- d. TBLC70P1 Outputs

NEMS-PCM-AUTH File Record

2.8.3.10 Transaction Number Table (TBL621M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TBL621P1       PROPERTY CUSTODIAN SUBSYSTEM           TIME: HH:MM:SS
MAP:      TBL621M1      INSTALLATION NAME

                                TRANSACTION NUMBER TABLE (GLOBAL)

ENTER FUNCTION: _____  C = CHANGE
                               X = EXIT

TRANSACTION NUMBER: ***
```

a. TBL621P1 External Parameters - None

b. TBL621P1 Inputs

#FUNCTION-CODE (A10)

#TRANS-NO (A10)

c. TBL621P1 Processing

Validate #FUNCTION and transaction number. If #FUNCTION = 'X' FETCH TBL621P1. With direct command FETCH NAV100P1. FETCH TBL621P1.

d. TBL621P1 Outputs None

2.8.3.11 Transaction Number Table (TBL621M2)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: YY-MM-DD
PROGRAM: TBL621P1      PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:      TBL621M2          INSTALLATION NAME

                                TRANSACTION NUMBER TABLE (GLOBAL)  CHANGE

TRANSACTION NUMBER: C26

SHORT TRANSACTION NAME: CUSTODIAN ACCOUNT (CHANGE)

TRANSACTION NAME:
    CUSTODIAN ACCOUNT (CHANGE)

TRANSACTION AUTHORIZATION LEVEL: 5

                                ENTER 'C' TO CANCEL: _____

ENTER CHANGES AND PRESS ENTER TO MODIFY RECORD
```

a. TBL621P1 External Parameters - None

b. TBL621P1 Inputs

#TRANSACTION-NO (A3)

#SHORT-TRANS-NAME (A30)

#TRANSACTION-NAME (A70)

#TRANS-AUTH-LEVEL (A1)

#CANCEL (A10)

c. TBL621P1 Processing

Validate Transaction Authorization. If #CANCEL = 'X' FETCH TBL621P1.
With direct command FETCH NAV100P1. FETCH TBL621P1.

d. TBL621P1 Outputs

NEMS-TABLE File Record

2.8.3.12 Report Number Table (TBLS06M1)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TBLS06P1      PROPERTY CUSTODIAN SUBSYSTEM              TIME: HH:MM:SS
MAP:      TBLS06M1          INSTALLATION NAME

                                REPORT NUMBER TABLE (GLOBAL)

ENTER FUNCTION: _____   C = CHANGE
                                X = EXIT

REPORT NUMBER: ***
```

a. TBLS06P1 External Parameters - None

b. TBLS06P1 Inputs

#FUNCTION (A10)

#CANCEL (A10)

c. TBLS06P1 Processing

Validate #FUNCTION and Report Number. If #FUNCTION = 'X' FETCH
TBLS00P1. With direct command FETCH NAV100P1. FETCH TBLS06P1

d. TBLS06P1 Outputs - None

2.8.3.13 Report Number Table (TBLS06M2)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM      DATE: YY-MM-DD
PROGRAM: TBLS06P1       PROPERTY CUSTODIAN SUBSYSTEM          TIME: HH:MM:SS
MAP:      TBLS06M2      INSTALLATION NAME

                                REPORT NUMBER TABLE (GLOBAL)  CHANGE

REPORT NUMBER: 020

REPORT NAME: CUSTODIAN MONTHLY TRANSACTION REPORT_____

REPORT OPTIONS (Y/N): Y

                                ENTER 'C' TO CANCEL: _____

ENTER CHANGES AND PRESS ENTER TO MODIFY RECORD
```

a. TBLS06P1 External Parameters - None

b. TBLS06P1 Inputs

#REPT-NO (A10)

#REPORT-NAME (A60)

#REPORT-OPTION (A1)

#CANCEL (A10)

c. TBLS06P1 Processing

Validate Report Options. If #CANCEL = 'C' FETCH TBLC00P1. With direct command FETCH NAV100P1. FETCH TBLS06P1.

d. TBLS06P1 Outputs

NEMS-TABLE File Record

2.9 OVERNIGHT BATCH PROCESSING COMPONENT

The NEMSPCM will utilize the NEMS batch processing system. JCL for the three new reports needs to be added to the control file and the reports must be coded.

2.9.1 Interfaces

None

2.9.2 Common Variable Data

The common variables will be stored in a global data area, PCMGDA.

2.9.3 Overnight Batch Processing Architecture Decomposition

See Figure 2.6.3

2.9.3.1 Custodian Monthly Transaction Report (RPT020P1)

Corresponds to NEMS Report 20.

2.9.3.2 Property Location Report (RPT120P1)

Corresponds to NEMS Report 120.

2.9.3.3 Custodian Account Property Report (CAP_SENS) (RPT140P1)

Corresponds to NEMS Report 140.

2.9.3.4 Custodian Account Property Report (ECN) (RPT141P1)

Corresponds to NEMS Report 141

2.9.3.5 Custodian Account Property Report (INSTALL) (RPT170P1)

Corresponds to NEMS Report 170.

2.9.3.6 Transaction In Pending Status Report (RPT240P1)

A new report which will show all of the requesting custodians transactions in the Pending File.

- a. RPT240P1 External Parameters - None
- b. RPT240P1 Inputs
 - NEMS-REPORTS
 - NEMS-TABLES

PENDING FILE

c. RPT240P1 Processing

Sequence: ECN

Page Break: Maximum number of lines per page

Total Level: Total number of items

Parameter Driven Options:

ECN - one or a range

BUILDING - one or a range

Selection Criteria: CUST-ACCT-NO = PEND-CUST-ACCT-NO

d. RPT240P1 Outputs - Report 240

2.9.3.7 Transaction Awaiting Action Report (Custodian) (RPT245P1)

A new report which will show the custodian transactions which are awaiting the custodians approval.

a. RPT245P1 External Parameters - None

b. RPT245P1 Inputs

NEMS-TABLES

PENDING FILE

c. RPT245P1 Processing

Sequence: ECN

Page Break: Maximum number of lines per page

Total Level: None

Selection Criteria:

APPR-NEEDED = 'C'

TO-CUSTODIAN = CUST-ACCT-NO

d. RPT245P1 Outputs - Report 245

2.9.3.8 Transaction Pending Awaiting Action (Manager) (RPT246P1)

A new report which will show the custodian transactions which are awaiting Managers approval.

- a. RPT246P1 External Parameters - None
- b. RPT246P1 Inputs

TABLES FILE

PENDING FILE

- c. RPT246P1 Processing

Sequence:

CUST-ACCT-NO

ECN

Page Break:

CUST-ACCT-NO

Maximum number of lines per page

Total Level:-None

Selection Criteria: APPR-NEEDED = 'M'

- d. RPT246P1 Outputs - Report 246

2.9.3.9 Detail Item List Report (RPT501P1)

Corresponds to NEMS Report 501

- a. RPT501P1 External Parameters - None
- b. RPT501P1 Inputs

NEMS-REPORTS

NEMS-TABLES FILE

NEMS-EQUIPMENT FILE

PENDING FILE

c. RPT501P1 Processing

Sequence: User specified

Page Break: One page per ECN

Total Level: None

Selection Criteria:

ECN (Range or Selection)

Equipment Building (Range or Selection)

User Number (Range or Selection)

d. RPT501P1 Outputs - Report 501

2.10 CHANGE CUSTODIAN ACCOUNT

The Change Custodian Account capability allow the NEMSPCM Custodian and Manager to swap between the additional Custodian Accounts authorized by the NEMS Property Custodian manager in sections 2.8.3.3.1 and 2.8.3.3.2.

2.10.1 Interfaces

None

2.10.2 Common Variable Data

The common variables will be stored in a global data area, PCMGDA.

2.10.3 Change Custodian Account Decomposition

See Figure 2.9.3

2.10.3.1 Change Active Custodian Account(TBLC69M6)

```
USER-ID: XXXXX          NASA EQUIPMENT MANAGEMENT SYSTEM          DATE: YY-MM-DD
PROGRAM: TBLC69P4       PROPERTY CUSTODIAN SUBSYSTEM           TIME: HH:MM:SS
MAP:      TBLC69M6      INSTALLATION NAME

                CHANGE ACTIVE CUSTODIAN ACCOUNT: XXXXX

TO SELECT A NEW CUSTODIAN ACCOUNT, PLACE THE CURSOR OVER ANY ONE OF THE
CUSTODIAN ACCOUNTS AND PRESS THE ENTER KEY.

____  ____  ____  ____  ____  ____  ____  ____
____  ____  ____  ____  ____  ____  ____  ____
____  ____  ____  ____  ____  ____  ____  ____
____  ____  ____  ____  ____  ____  ____  ____
____  ____  ____  ____  ____  ____  ____  ____

                ENTER 'X' TO ACCEPT CHANGE OR 'C' TO CANCEL:  _
```

a. TBLC69P4 External Parameters - None

b. TBLC69P4 Inputs

#COMM-CUST-ACCT-NO (A5)

c. TBLC69P4 Processing

Swap the Custodian Account Number at the position of the cursor when the ENTER key is pressed with the active Custodian Account, the additional custodian list is sorted. The new value is updated and displayed for the active Custodian Account. If #CANCEL = 'X' then accept input and return to program MNUC01P1. If #CANCEL = 'C' then cancel input and return to program MNUC01P1.

d. TBLC69P4 Outputs

Update the NEMS-PCM-AUTH file with a new value for AUTH-CUST-ACCT-NO and the PCMGDA (NEMSPCM Global Data Area) with a new value for #COMM-CUST-ACCT-NO

3. DATABASE SPECIFICATION

3.1 DATA DICTIONARY

The data dictionary is described in detail under section 3.4, Physical Files. In section 3.4, the following items are described for each data element in the NEMSPCM database files:

- Data element ID
- Data element description
- Field type
- Field size
- Edit criteria
- Key/access
- File

3.2 DATABASE MANAGEMENT SYSTEM

The NEMSPCM will operate using ADABAS as the database Manager, NATURAL 2 as the procedural programming language and SUPERNATURAL as the Database Query Language.

3.3 DATA STRUCTURE

The NEMSPCM database files operate as separate entity to the NEMS, and NEMS Inventory database fields. However data is supplied to the NEMSPCM database by retrieving information form the NEMS and NEMS Inventory database files by the ECN, Custodian Account Number, and Grid Location.

3.4 PHYSICAL FILES

3.4.1 Pending File

This file will contain records which are awaiting further approval by either another Custodian or the Manager. The Pending File DDMs are as follows:

<u>Name</u>	<u>Description</u>	<u>F.Leng</u>	<u>S</u>	<u>D</u>
Equipment Control Number	ECN	A 7	F	D
Entry Reference Number	ENTRY-REF-NO	N 10.0	N	-
Transaction Number	TRANS-NO	A 3	N	-

Custodian Account Number	CUST-ACCT-NO	A 5	N D
To Custodian	TO-CUST-ACCT-NO	A 5	N D
Action Date	ACTION-DATE	N 6.0	N D
Action Accepted/Rejected	ACTION-ACC-REJ	A 1	N -
Action Accepted/Rejected Date	ACTION-ACC-REJ-DATE	N 6.0	N D
Action Accepted/Rejected Reason	ACTION-ACC-REJ-REASON	A 2	N -
Approval Needed	APPROVAL-NEEDED	A 1	N D
Acquisition Document Number	ACQ-DOC-CNTL-NO	A 11	N -
Contractor Conveyor	CONTRACTOR CONVEYOR	A 9	N -
Item Name	ITEM-NAME	A 30	N D
Other Agency Number	OTHER-AGENCY-NO	N 2.0	N -
Manufacturer's Code	MFG-CODE	A 20	N D
Manufacturer's Model Number	MFG-MODEL-NO	A 20	N D
Manufacturer's Serial Number	MFG-SERIAL-NO	A 20	N D
Old Tag Number	OLD-TAG-NO	A 8	N -
National Stock Number	NATIONAL-STOCK-NO	A 13	N D
Unique Equipment Number	UNIQUE-EQUIP-NO	A 8	N -
Cost Estimated	EST-COST-CODE	A 1	- -
User Number	USER-NO	A 6	N D
Equipment Zip Code	EQUIP-ZIP-CODE	A 5	- -
Equipment Building	EQUIP-BUILDING	A 10	N D
Equipment Room	EQUIP-ROOM	A 5	N -
Capital/Sensitive Code	CAP SENS-CODE	A 1	- D
Condition Code	CONDITION-CODE	A 2	- -
Availability Status Code	AVAIL-STATUS-CODE	A 1	- D
Loan/Lease Document Number	L-L-DOC-NO	A 6	N D
Hazardous Material Code	HAZ-MATERIAL-CODE	A 1	- -
Precious Metal Code	PREC-METAL-CODE	A 1	- -
Equipment Management Code	EQUIP-MGMT-CODE	A 1	- D
Idle Equipment Code	IDLE-EQUIP-CODE	A 1	- -

Date Installation Acquired	DATE-INST-ACQ	N	6.0	-	D
Year Manufactured	YEAR-MFG	A	2	-	-
Date Inventoried	DATE-INVENTORIED	N	6.0	N	D
Date Borrowed	DATE-BORROWED-OUT	N	6.0	N	-
Date Loaned	DATE-LOANED-OUT	N	6.0	N	-
Date Leased	DATE-LEASED-OUT	N	6.0	N	-
Date Available	DATE-AVAILABLE	N	6.0	N	-
Date Loaned Leased Borrowed Out Due	DATE-L-L-B-OUT-DUE	N	6.0	N	-
Date Loaned Leased Borrowed In Due	DATE-L-L-B-IN-DUE	N	6.0	N	-
Date Stored In	DATE-STORED-IN	N	6.0	N	-
Date Storage Due	DATE-STORAGE-DUE	N	6.0	N	-
Date Shipped	DATE-SHIPPED-OTHER-INST	N	6.0	N	-
Date Last Serviced	DATE-LAST-SERV	N	6.0	N	-
Date Warranty Expires Material	DATE-WRNTY-EXP-MATERIAL	N	4.0	N	-
Date Warranty Expires Labor	DATE WRNTY-EXP-LABOR	N	4.0	N	-
Local Data	LOCAL-DATA	A	70	N	-
Freeze Data	FREEZE-NO	N	10.0	-	D
Labor Cost Last Service	LABOR-COST-LAST-SERV	N	6.0	N	-
Parts Cost Last Service	PARTS-COST-LAST-SERV	N	6.0	N	-
Installation Receiver	INST-RECEIVER	N	4.0	N	-
Date Repair Return Due	DATE-REPAIR-RETURN-DUE	N	6.0	N	D
Number of Times Serviced	NO-OF-TIME-SERV	N	1	N	-
Inventory Location	LOCATION	A	5	N	-

3.4.1.1 Equipment Control Number

Data Base Name: PEND-ECN

Definition: A unique identification number assigned by NASA and affixed to each item of NASA-held controlled equipment. Controlled equipment refers to equipment with an acquisition cost of \$1000 or more (capital equipment) or equipment that is sensitive (pilferable). The equipment control number may be referred to as the "tag number". It is the primary key of the Pending File.

Description: 7 positions with position 1 alphanumeric and position 2-7 numeric.

Edit Criteria: Must match description

3.4.1.2 Entry Reference Number

Data Base Name: PEND-ENTRY-REF-NO

Definition: A unique computer-generated number assigned when an item of equipment is acquired. This number is used to locate the acquisition document on the microfilm reader. The Entry Reference Number consists of:

positions 1-2 - Sub-Installation Number (sub-center)

positions 3-6 - Julian date (YDDD)

positions 7-10 - Sequence Number assigned each transaction during the day, starting each day with 0001.

Description: 10 positions numeric

Edit Criteria: None - generated during the add transaction

3.4.1.3 Transaction Number

Data Base Name: PEND-TRANS-NO

Definition: A number which indicates the method used in acquiring equipment, such as purchase, transfer, lease, etc. The transaction number consists of:

position 1 - Sub-System Identifier

position 2-3 - Transaction Number

Description: 3 positions, with position 1 alphanumeric (may be a space) and positions 2-3 numeric.

Edit Criteria: None - generated during an add transaction.

3.4.1.4 Custodian Account Number

Data Base Name: PEND-CUST-ACCT-NO

Definition: A custodian account number is assigned to a custodian account, sometimes representing a division/branch or a geographic location. An account number pertains to only one custodian, although one custodian may have more than one account number.

Description: 5 positions alphanumeric, left justified

Edit Criteria: Must match description and must be on Table 78

3.4.1.5 To Custodian

Data Base Name: PEND-TO-CUST-ACCT-NO

Definition: This field will be used when a piece of equipment is transferred from one custodian's account to another. It will contain the account number to which the equipment is being transferred.

Description: 5 positions alphanumeric, left justified

Edit Criteria: Must match description and must be on Tables 78 and C69

3.4.1.6 Action Date

Data Base Name: PEND-ACTION-DATE

Definition: This field contains the date that the transaction was originally placed the Pending file

Description: 6 positions numeric system generated date in YYMMDD format

Edit Criteria: Must match description

3.4.1.7 Action Accept/Rejected

Data Base Name: PEND-ACTION-ACCEPTED-REJECTED

Definition: Indicates whether the transaction has been accepted or rejected

Description: 1 position alphanumeric

Edit Criteria: A = Accepted; R = Rejected; ' ' = Awaiting approval or rejection

3.4.1.8 Action Accepted/Rejected Date

Data Base Name: PEND-ACTION-ACC-REJ-DATE

Definition: the date that a transaction on the Pending File was accepted or rejected

Description: 6 bytes numeric

Edit Criteria: Must be numeric and entered in "yymmdd" format

MM - must be between 01 and 12

DD - must be between 01 and 31 and consistent with the month entered

YY - must be between 80 and 99, 00 and 20

3.4.1.9 Accept/Reject Reason

Data Base Name: PEND-ACC-REJ-REASON

Definition: A code which represents the reason for a transaction being accepted or rejected.

Description: 2 positions alphanumeric, left justified

Edit Criteria: must match description:

'CA' = requires gaining custodian acceptance

'FS' = requires a found on station (FOS) form

'SH' = requires a shipping document

'LO' = requires a loan agreement

'CH' = requires cannibalization form

'ST' = requires a storage request

'SV' = requires a survey report

'NC' = transaction processed by NEMS Control

3.4.1.10 Approval Needed

Data Base Name: PEND-APPROVAL-NEEDED

Definition: A code which represents the approval needed for the completion of the transaction

Description: 1 positions alphanumeric

Edit Criteria: Must match description - 'C' = Custodian; 'M' = Manager

3.4.1.11 Acquisition Document Number

Data Base Name: PEND-ACQ-DOC-CNTL-NO

Definition: A unique number assigned to an acquisition document, such as a purchase order or a receiving report

Description: 11 positions alphanumeric, left justified

Edit Criteria: Must match description

3.4.1.12 Contractor Conveyor

Data Base Name: PEND-CONTRACTOR-CONVEYOR

Definition: The contract number assigned to the NASA contractor that transferred the equipment to NASA

Description: 9 positions alphanumeric, right justified, leftmost spaces allowed

Edit Criteria: Must match description, except entered left justified with rightmost spaces allowed

3.4.1.13 Item Name

Data Base Name: PEND-ITEM-NAME

Definition: A description of an item of equipment, comprised of a standard noun name followed by adjective descriptors. The standard to be used for assigning item names is contained in the Federal Cataloging Handbooks, H-6 series.

Description: 30 positions alphanumeric, left justified

Edit Criteria: Must match description

3.4.1.14 Other Agency Number

Data Base Name: PEND-OTHER-AGENCY-NO

Definition: An identification number (US Treasury number) for the government agency that either provided NASA with funds for acquiring the equipment or transferred the equipment to NASA.

Description: 2 positions numeric

Edit Criteria: Must match description and must be on Table 132

3.4.1.15 Manufacturer's Code

Data Base Name: PEND-MFG-CODE

Definition: A code assigned in the Federal Cataloging Handbooks, H-4 series, to each manufacturer. The NEMS Central Cataloger (HQ) provides a central point of control for standardizing new codes. The following codes are also valid:

'xxxxx' = Manufacturer is known, but code needs to be assigned

'zzzzz' = Manufacturer is unknown

Description: 5 positions alphanumeric

Edit Criteria: Must match description and must be on Table 40

3.4.1.16 Manufacturer's Model Number

Data Base Name: PEND-MFG-MODEL-NO

Definition: A number provided by the manufacturer that identifies a single type of equipment produced by the manufacturer. If the model number is not known, the word 'NONE' should be entered.

Description: 20 positions alphanumeric, left justified

Edit Criteria: Must match description, should adhere to standards specified by the Defense Logistic Service Center (DLSC).

3.4.1.17 Manufacturer's Serial Number

Data Base Name: PEND-MFG-SERIAL-NO

Definition: A unique number assigned by the manufacturer to each item of equipment. If the serial number is not known, the word 'NONE' should be entered.

Description: 20 positions alphanumeric, left justified

Edit Criteria: Must match description

3.4.1.18 Old Tag Number

Data Base Name: PEND-OLD-TAG-NO

Definition: A unique identification number assigned by NASA and affixed to each item of NASA-held controlled equipment prior to the implementation of NEMS.

Description: 8 positions alphanumeric, right justified, no imbedded spaces, leftmost spaces allowed.

Edit Criteria: Must match description

3.4.1.19 National Stock Number

Data Base Name: PEND-NATIONAL-STOCK-NO

Definition: A standard equipment identification number. This number consists of the federal supply class, assigned in the Federal Cataloging Handbook, H-2 series:

positions 1-2 - federal supply group, which classifies similar items into groups.

positions 3-4 - federal supply sub-class, which classifies items within groups into sub-classes and the National Item Identification Number (NIIN), assigned in the GSA Supply Catalog

positions 5-16 - National Codification Bureau (NCB) code, which indicates the country that assigned the NIIN (US is '00' and '01')

positions 7-13 - numeric characters, which identify items to detail level

For example, an item of equipment with a national stock number of "8010-00-2972114" would be identified as follows:

group '80' - all types of paints, brushes, and adhesives

sub-class '10' - all types of paints

NCB code '00' - NIIN was assigned in the US

numerics '2972114' - one-gallon of bright red enamel

Description: 13 positions, with positions 1-4 numeric and positions 5-13 numeric or spaces.

Edit Criteria: Entered as "9999 xx xxxxxx"; must match description and first two positions must be on Table 50.

3.4.1.20 Unique Equipment Number

Data Base Name: PEND-UNIQUE-EQUIP-NO

Definition: A unique number assigned to specialized NASA equipment that is unique to NASA and generally not commercially available.

Description: 8 positions alphanumeric, left justified

Edit Criteria: Must match description

3.4.1.21 Cost Estimated

Data Base Name: PEND-EST-COST-CODE

Definition: A code that indicates the acquisition cost is an estimated rather than an actual cost. The code is either 'on' (Y) if the cost is estimated or 'off'(blank) if it is not.

Description: 1 position alphanumeric

Edit Criteria: Must be 'Y' or blank

3.4.1.22 User Number

Data Base Name: PEND-USER-NO

Definition: A unique identification number assigned to the person holding sensitive, borrowed, or loan pool equipment. This number may be the individual's NASA badge number.

Description: 6 positions alphanumeric, left justified

Edit Criteria: Must match description and must be on Table 90

3.4.1.23 Equipment Zip Code

Data Base Name: PEND-EQUIP-ZIP-CODE

Definition: A US Postal Service zip code denoting the equipment's location. Goddard Space Flight Center (GSFC) provides a central point of control for standardizing alphanumeric codes for foreign locations.

Description: 5 positions alphanumeric

Edit Criteria: Must match description

3.4.1.24 Equipment Building

Data Base Name: PEND-EQUIP-BUILDING

Definition: The number of the building or other generalized location where the equipment is located. The following value is also valid: 'NOC' = Not on Center

Description: 10 positions alphanumeric, left justified

Edit Criteria: Must match description and must be on Table 102

3.4.1.25 Equipment Room

Data Base Name: PEND-EQUIP-ROOM

Definition: The number of the room or other detailed location where the equipment is located.

Description: 5 positions alphanumeric, left justified

Edit Criteria: Must match description

3.4.1.26 Capital/Sensitive Code

Data Base Name: PEND-CAP-SENS-CODE

Definition: A code that indicates whether NASA equipment is capital/noncapital and sensitive/nonsensitive. The possible values are:

'E' = Contractor Held Equipment - EVS Reportable

'M' = Capital Equipment

'N' = Noncapital Equipment - Sensitive

'P' = Capital Equipment - Sensitive

'X' = Noncontrolled Equipment

The capital/sensitive class code was formerly known as the 'management identification code.

Description: 1 position alphanumeric

Edit Criteria: Generated during an add transaction for contractor-held equipment; otherwise, must match description and must be on Table 130.

3.4.1.27 Condition Code

Data Base Name: PEND-CONDITION-CODE

Definition: A code that indicates the physical condition and usability of an item of equipment. The condition code must be entered if the availability status code is 'B', 'C', or 'D'. The possible values are:

- '1' = Unused-good
- '2' = Unused-fair
- '3' = Unused-poor
- '4' = Used-good
- '5' = Used-fair
- '6' = Used-poor
- '7' = Repairs required-good
- '8' = Repairs required-fair
- '9' = Repairs required-poor
- 'X' = Salvage
- 'S' = Scrap

Description: 2 positions alphanumeric, right justified

Edit Criteria: Entered a 1 position alphanumeric must be on Table 510

3.4.1.28 Availability Status Code

Data Base Name: PEND-AVAIL-STATUS-CODE

Definition: A code that indicates the relative availability of an item of NASA-owned equipment for redistribution (reassignment of the equipment with a transfer of accountability). The possible values are:

'A' = active; item is considered unavailable in the normal conduct of business since it is in use

'B' = inactive assigned; item is in the loan pool, in storage, on leased or loan out, etc.; item is considered sufficiently available to make screening worthwhile; ;the accountable installation must approve a transfer

'C' = inactive unassigned; item is available on demand; an item with a condition code of 1, 2, 3, 4, 5, or 6 is required to be held in this category for a minimum of 120 days to assure that adequate visibility has been achieved

'D' = excess; item is available for redistribution, but is considered NASA excess and is in the process of being disposed of

Description: 1 position alphanumeric

Edit Criteria: generated during a change transaction for loaned out, leased out, or in storage equipment; otherwise, must match description and must be on Table 410

3.4.1.29 Loaned/Leased Document Number

Data Base Name: PEND-L-L-DOC-NO

Definition: A unique number assigned to a loan/lease document

Description: 6 positions alphanumeric, left justified

Edit Criteria: Must match description

3.4.1.30 Hazardous Material Code

Data Base Name: PEND-HAZ-MATERIAL-CODE

Definition: A code that indicates whether NASA equipment is hazardous. Currently, the code is either 'on' (Y) if the equipment is hazardous or 'off' (blank) if it is not.

Description: 1 position alphanumeric

Edit Criteria: Must match description and must be on Table 180

3.4.1.31 Precious Metal Code

Data Base Name: PEND-PREC-METAL-CODE

Definition: A code that indicates whether NASA equipment contains precious metal. Currently the code is either 'on' (Y) if the equipment contains precious metal or 'off' (blank) if it does not

Description: 1 position alphanumeric

Edit Criteria: Must match description and must be on Table 182

3.4.1.32 Equipment Management Code

Data Base Name: PEND-EQUIP-MGMT-CODE

Definition: A code that indicates the type of error found during the NASA equipment inventory data match. The possible values are:

'E' = Overage

'M' = Missing

' ' = No Error Found

Description: 1 position alphanumeric

Edit Criteria: Must match description and must be on Table 155

3.4.1.33 Idle Equipment Code

Data Base Name: PEND-IDLE-EQUIP-CODE

Definition: A code that indicates whether NASA equipment appeared to be idle when it was inventoried. Currently, the code is either 'on' (Y) if the equipment appeared idle or 'off' (blank) if it did not.

Description: 1 position alphanumeric

Edit Criteria: Must match description and must be on Table 184

3.4.1.34 Date Installation Acquired

Data Base Name: PEND-DATE-INST-ACQ

Definition: The date the accountable installation, or a contractor at that installation, received or identified an item of equipment.

Description: 6 positions numeric, in 'YYMMDD' format

Edit Criteria: Must be numeric and entered in 'YYMMDD' format

YY - must be between 20 and 99

MM - must be between 01 and 12

DD - must be between 01 and 31 and consistent with the month entered

3.4.1.35 Year Manufactured

Data Base Name: PEND-YEAR-MFG

Definition: The year in which an item of equipment was manufactured. For an item acquired by purchase, the year purchased is used. For an item acquired by mean other than purchase, the actual or estimated year of manufacture is used.

Description: 2 positions numeric

Edit Criteria: Must be numeric, greater than 20 and less than or equal to the current year.

3.4.1.36 Date Inventoried

Data Base Name: PEND-DATE-INVENTORIED

Definition: The date an item of equipment was initially acquired by NASA or the date the item was physically inventoried, whichever is later.

Description: 6 positions numeric, in 'YYMMDD' format

Edit Criteria: Generated from the date installation acquired during and add transaction; otherwise, on an inventory update transaction, must be numeric and entered in 'YYMMDD' format.

YY - must be between 80 and 99

MM - must be between 01 and 12

DD - must be between 01 and 31 and consistent with the month entered

3.4.1.37 Date Borrowed

Data Base Name: PEND-DATE-BORROWED-OUT

Definition: The date an item of equipment was borrowed by another NASA installation or by another custodian at the same installation.

Description: 6 positions numeric in 'YYMMDD' format

Edit Criteria: Must be numeric and entered in 'YYMMDD' format

YY - must be between 70 and 99

MM - must be between 01 and 12

DD - must be between 01 and 31 and consistent with the month entered

3.4.1.38 Date Loaned

Data Base Name: PEND-DATE-LOANED-OUT

Definition: The date an item of NASA -owned equipment was loaned to a non-NASA entity at no charge.

Description: : 6 positions numeric in 'YYMMDD' format

Edit Criteria: Must be numeric and entered in 'YYMMDD' format

YY - must be between 50 and 99

MM - must be between 01 and 12

DD - must be between 01 and 31 and consistent with the month entered

3.4.1.39 Date Leased

Data Base Name: PEND-DATE-LEASED-OUT

Definition: The date an item of NASA-owned equipment was leased to a non-NASA entity at a cost.

Description: 6 positions numeric in 'YYMMDD' format

Edit Criteria: Must be numeric and entered in 'YYMMDD' format

YY - must be between 70 and 99

MM - must be between 01 and 12

DD - must be between 01 and 31 and consistent with the month entered

3.4.1.40 Date available

Data Base Name: PEND-DATE-AVAILABLE

Definition: The date an item of NASA-owned equipment will be available for redistribution (reassignment of the equipment with a transfer of accountability).

Description: 6 positions numeric in 'YYMMDD' format

Edit Criteria: Must be numeric and entered in 'YYMMDD' format

YY - must be between 70 and 99

MM - must be between 01 and 12

DD - must be between 01 and 31 and consistent with the month entered

3.4.1.41 Date Loaned Leased Borrow Out Due

Data Base Name: PEND-DATE-L-L-B-OUT-DUE

Definition: The date an item of equipment loaned or leased or borrowed to another NASA center is due to be returned.

Description: 6 positions numeric in 'YYMMDD' format

Edit Criteria: Must be numeric and entered in 'YYMMDD' format

YY - must be between 70 and 99

MM - must be between 01 and 12

DD - must be between 01 and 31 and consistent with the month entered

3.4.1.42 Date Loaned Leased Borrow In Due

Data Base Name: PEND-DATE-L-L-B-IN-DUE

Definition: The date an item of equipment loaned or leased or borrowed into NASA is due to be returned.

Description: 6 positions numeric in 'YYMMDD' format

Edit Criteria: Must be numeric and entered in 'YYMMDD' format

YY - must be between 70 and 99

MM - must be between 01 and 12

DD - must be between 01 and 31 and consistent with the month entered

Edit Criteria:

3.4.1.43 Date Stored In

Data Base Name: PEN-DATE-STORED-IN

Definition: The date an item of equipment was placed in storage.

Description: 6 positions numeric, in 'YYMMDD' format

Edit Criteria: None - generated from the system date during a change transaction for in storage equipment.

3.4.1.44 Date Storage Due

Data Base Name: PEND-DATE-STORAGE-DUE

Definition: The date an item of equipment is due to be removed from storage.

Description: 6 positions numeric in 'YYMMDD' format

Edit Criteria: Must be numeric and entered in 'YYMMDD' format

YY - must be between 70 and 99

MM - must be between 01 and 12

DD - must be between 01 and 31 and consistent with the month entered

3.4.1.45 Date Shipped

Data Base Name: PEND-DATE-SHIPPED-OTHER-INST

Definition: The date an item of equipment was shipped to another NASA installation during a transfer to that installation.

Description: 6 positions numeric in 'YYMMDD' format

Edit Criteria: Must be numeric and entered in 'YYMMDD' format

YY - must be between 70 and 99

MM - must be between 01 and 12

DD - must be between 01 and 31 and consistent with the month entered

3.4.1.46 Date Last Serviced

Data Base Name: PEND-DATE-LAST-SERV

Definition: The date an item of equipment was last serviced.

Description: 6 positions numeric in 'YYMMDD' format

Edit Criteria: Must be numeric and entered in 'YYMMDD' format

YY - must be between 70 and 99

MM - must be between 01 and 12

DD - must be between 01 and 31 and consistent with the month entered

3.4.1.47 Date Warranty Expires Material

Data Base Name: PEND-DATE-WRNTY-EXP-MATERIAL

Definition: The date an item's warranty for material expires

Description: 4 positions numeric in 'YYMM' format

Edit Criteria: Must be numeric and entered in 'YYMM' format

YY - must be between 82 and 99

MM - must be between 01 and 12

3.4.1.48 Date Warranty Expires Labor

Data Base Name: PEND-DATE-WRNTY-EXP-LABOR

Definition: the date an item's warranty for labor expires

Description: 4 positions numeric in 'YYMM' format

Edit Criteria: Must be numeric and entered in 'YYMM' format

YY - must be between 82 and 99

MM - must be between 01 and 12

3.4.1.49 Local Data

Data Base Name: PEND-LOCAL-DATA

Definition: Miscellaneous information concerning the equipment is entered in this field.

Description: 70 positions alphanumeric

Edit Criteria: None

3.4.1.50 Freeze Number

Data Base Name: PEND-FREEZE-NO

Definition: A unique computer-generated number assigned when an item of NASA-owned equipment that is listed as available for redistribution has been set aside for a specified requester. The freeze number consists of:

positions 1-2 - sub-installation number of holding installation (sub-center)

positions 3-6 - Julian date (yddd)

positions 7 -10 - sequence number assigned each freeze number during the day, starting each day with 0001

Description: 10 positions numeric

Edit Criteria: none - generated during a freeze number assignment transaction

3.4.1.51 Labor Cost Last Service

Data Base Name: PEND-LABOR-COST-LAT-SERV

Definition: The labor cost of the last service performed on an item of equipment, rounded to whole dollars.

Description: 6 positions numeric, right justified with leading zeros

Edit Criteria: Must match description, except entered left justified (no commas) with rightmost spaces allowed.

3.4.1.52 Parts Cost Last Service

Data Base Name: PEND-PARTS COST-LAST SERV

Definition: The parts cost of the last service performed on an item of equipment, rounded to whole dollars.

Description: 6 positions numeric, right justified with leading zeros

Edit Criteria: Must match description, except entered left justified (no commas) with rightmost spaces allowed

3.4.1.53 Installation Receiver

Data Base Name: PEND-INST-RECEIVER

Definition: The installation number of the installation the equipment is being transferred to or, if the equipment is being transferred to a contractor, the installation where the contractor is located.

Description: 4 positions numeric

Edit Criteria: Must match description and must be on Table 252

3.4.1.54 Contractor Receiver

Data Base Name: PEND-CONTRACTOR-RECEIVER

Definition: The contract number assigned to the NASA contractor the equipment is being transferred to.

Description: 9 positions alphanumeric, right justified, leftmost spaces allowed.

Edit Criteria: Must match description, except entered left justified with rightmost spaces allowed

3.4.1.55 Date Repair Return Due

Data Base Name: PEND-DATE-REPAIR-RETURN-DUE

Definition: The date an item of equipment that has been sent out for repair is due to be returned.

Description: 6 positions numeric

Edit Criteria: Must be numeric and entered in 'YYMMDD' format

YY - must be between current year or greater

MM - must be between 01 and 12

DD - must be between 01 and 31 and consistent with the month entered

3.4.1.56 No of Times Serviced

Data Base Name: PEND-NO-OF TIMES SERV

Definition: A switch indicating whether or not an item of equipment has been repaired or had a correction made based on a previous repair.

Description: 1 position numeric

Edit Criteria: none - generated during a repair transaction:

'1' - indicates a repair

' ' - indicates a correction

3.4.1.57 Location

Data Base Name: PEND-LOCATION

Definition: a grid location for equipment

Description: 5 positions alphanumeric, right justified, leftmost spaces allowed

Edit Criteria: None

3.4.2 TRANSACTION AUTHORITY TABLE (TABLE C69)

This file will contain records pertaining to levels of authority for each user.

The Transaction Authority Table will contain the following records.

<u>Name</u>	<u>Data Base Name</u>	<u>F</u>	<u>Leng</u>	<u>S</u>	<u>D</u>
User ID	AUTH-USERID	A	8		D
User Name	AUTH-USER-NAME	A	30		
Installation Number	AUTH-INST-NO	N	4	N	

Custodian Account No	AUTH-CUST-ACCT-NO	A	5	N	D
User Type	AUTH-USER-TYPE	A	1		D
Signature	AUTH-SIGNATURE	A	8		
Adhoc Authority	AUTH-ADH-AUTH	A	1		
Transaction Authority	AUTH-TRANS-AUTH	A	3		
(Multiple Occurring)					
Report Authority	AUTH-RPT-AUTH	A	3		
(Multiple Occurring)					
Table Update Authority	AUTH-TABLE-UPDATE-AUTH	A	1		
Date Signature Changed	AUTH-DATE-SIGN-CHANGED	N	6	N	
Time Signature Changed	AUTH-TIME-SIGN-CHANGED	N	7	N	
User Signature Changed	AUTH-USER-SIGN-CHANGED	A	8	N	
Multiple Custodian Account Indicator	ATHRZTN-CSTDN-ACNT-IND	A	1		

3.4.2.1 User ID

Data Base Name: AUTH-USERID

Definition: The NATURAL Userid of a custodian who will be allowed access to the NEMSPCM.

Description: 8 positions alphanumeric

Edit Criteria: Must match description

3.4.2.2 User Name

Data Base Name: AUTH-USER-NAME

Definition: The name of the user who will be allowed access to the NEMSPCM.

Description: 30 positions alphanumeric, left justified

Edit Criteria: Must match description

3.4.2.3 Installation Number

Data Base Name: AUTH-INST-NO

Definition: The installation to which the custodian belongs.

Description: 2 positions numeric - center; 2 positions numeric - sub-center

Edit Criteria: Must match description

3.4.2.4 Custodian Account Number

Data Base Name: AUTH-CUST-ACCT-NO

Definition: The custodian number of the assigned custodian over the equipment.

Description: 7 positions alphanumeric

Edit Criteria: Must match Custodian number in Table

3.4.2.5 User Type

Data Base Name: AUTH-USER-TYPE

Definition: A code which designates the type of user.

Description: 1 positions alphanumeric

Edit Criteria: 'C' = Custodian; 'M' = Manager.

3.4.2.6 Signature

Data Base Name: AUTH-SIGNATURE

Definition: This field contains the password or 'Electronic Signature' which is key to the operation of the paperless 1602.

Description: 8 positions alphanumeric, left justified

Edit Criteria: Must match description

3.4.2.7 Adhoc Authority

Data Base Name: AUTH-ADH-AUTH

Definition: A code which will be use to determine if the user has authority to access the ADHOC component.

Description: 1 positions alphanumeric

Edit Criteria: 'Y' = ADHOC authority is given; 'N' = ADHOC authority is denied.

3.4.2.8 Transaction Authority

Data Base Name: AUTH-TRANS-AUTH

Definition: A field which contains the data necessary to allow or disallow access to specific transactions within the PCM.

Description: 3 positions alphanumeric multiple occurring field

Edit Criteria: Must match description and must be a valid NEMSPCM transaction.

3.4.2.9 Report Authority

Data Base Name: AUTH-RPT-AUTH

Definition: A field which contains the data necessary to allow or disallow access to specific reports within the NEMSPCM.

Description: 3. positions alphanumeric multiple occurring field.

Edit Criteria: Must match description and must be a valid NEMSPCM report.

3.4.2.10 Table Update Authority

Data Base Name: AUTH-TABLE-UPDATE-AUTH

Definition: A code which will be use to determine if the user has authority to update the NEMSPCM tables.

Description: 1 positions alphanumeric

Edit Criteria: 'Y' = Table updates allowed; 'N' = Table updates not allowed.

3.4.2.11 Date Signature Changed

Data Base Name: AUTH-DATE-SIGN-CHANGE

Definition: The system date of the last change of signature in NEMSPCM.

Description: 6 positions numeric

Edit Criteria: Must match description

3.4.2.12 Time Signature Changed

Data Base Name: AUTH-TIME-SIGN-CHANGE

Definition: The system time of the last change of the signature in NEMSPCM.

Description: 7 positions numeric

Edit Criteria: Must match description

3.4.2.13 User Signature Changed

Data Base Name: AUTH-USER-SIGN-CHANGE

Definition: The system user-id of the last user to change the signature in NEMSPCM.

Description: 8 positions alphanumeric

Edit Criteria: Must match description

3.4.2.14 Multiple Custodian Account Indicator

Data Base Name: AUTHRZTN-CSTDN-ACNT-IND

Definition: An indicator that identifies if a NEMS Property Custodian has multiple custodian accounts.

Description: 1 positions alphanumeric

Edit Criteria: 'Y' = Multiple Custodian Account; 'N' = No Multiple Custodian Account

3.4.3 ACCEPT REJECT REASON TABLE (TABLE C70)

This file will contain records describing what actions are needed to complete the processing of a record being held in the Pending File.

<u>Name</u>	<u>Data Base Name</u>	<u>F Leng</u>	<u>S</u>	<u>D</u>
Accept/Reject Code	ACCEPT-REJECT-REASON-CODE	A 2		D
Accept/Reject Reason	ACCEPT-REJECT-REASON	A 70		

3.4.3.1 Accept/Reject Code

Data Base Name: ACCEPT-REJECT-REASON-CODE

Definition: A code which represents the reason for a transition being accepted or rejected.

Description: 2 positions alphanumeric, left justified.

Edit Criteria: Must match description

'CA' = requires gaining custodian acceptance

'FS' = requires a found on station (FOS) form

'SH' = requires a shipping document

'LO' = requires a loan agreement

'CH' = requires cannibalization form

'ST' = requires a storage request

'SV' = requires a survey report

'NC' = transaction processed by NEMS Control

3.4.3.2 Accept/Reject Reason

Data Base Name: ACCEPT-REJECT-REASON

Definition: The reason associated with the Accept/Reject Reason Code

Description: 70 positions alphanumeric

Edit Criteria: None

3.4.4 TRANSACTION NUMBER TABLE (NEMS TABLE 621)

This file will contain records pertaining to levels of authority for each transaction and the transaction name.

<u>Name</u>	<u>Data Base Name</u>	<u>F Leng</u>	<u>S</u>	<u>D</u>
Transaction Name	TRANS-NAME	A 70	N	
Transaction Type	TRANS-TYPE	A 1	N	
Short Transaction Name	SHORT-TRANS-NAME	A 30	N	

3.4.4.1 Transaction Name

Data Base Name: TRANS-NAME

Definition: The transaction name.

Description: 70 positions alphanumeric, left justified

Edit Criteria: None

3.4.4.2 Transaction Type

Data Base Name: TRANS-TYPE

Definition: This file will contain records pertaining to levels of authority for each transaction.

Description: 1 positions alphanumeric

Edit Criteria: Must match description

'0' = Transaction not allowed

'1' = Transaction requires Manager approval

'5' = Transaction requires Gaining Custodian approval and Manager approval

3.4.4.3 Short Transaction Name

Data Base Name: SHORT-TRANS-TYPE

Definition: The short transaction name.

Description: 30 positions alphanumeric

Edit Criteria: None

APPENDIX A - ACRONYMS

ADABAS	Adaptable Data Base
CSCI	Computer Software Configuration Items
DBMS	Data Base Management System
ECN	Equipment Control Number
ID	Identification
IBM	International Business Machines
ISN	Internal System Numbers
JCL	Job Control Language
LLCSC	Lower Level Computer Software Component
NASA	National Aeronautics and Space Administration
NEMS	NASA Equipment Management System
NEMSPCM	Property Custodian Module of NEMS
NF	NASA Form
NIST	National Institute of Standards and Technology
PBCR	Portable Bar Code Reader
PC	Personal Computer
PCM	Property Custodian Module
TLCSC	Top Level Computer Software Component
USERID	User Identification

APPENDIX B - APPLICABLE DOCUMENTS

The documents of the exact issue as shown in subsection B.1 (Reference Documents) and B.2 (Related Documents) form a part of this document to the extent described herein. In the event of a conflict between the documents referenced herein and the contents of this document, the contents of this document shall be considered as superseding requirements to the previous documents.

REFERENCE DOCUMENTS

1. NEMS User's Guide for Property Custodians (NHB4200.2)
2. Change Control Request NASA Form 1620 initiated by Ames Research Center (CCB - AA0016) - March 1985
3. Paperless NASA Form 1602 Concept Document Computer Services Branch (CSB.GSFC) - January 1986
4. Electronic 1602 Preliminary Feasibility Study Booz, Allen, & Hamilton - September 1987
5. Written support and comments from the following six NASA installations in response to the Electronic 1602 Feasibility Study - December 1987
 - Ames Research Center - ARC
 - Goddard Space Flight Center - GSFC
 - Johnson Space Center - JSC
 - Jet Propulsion Laboratory - JPL
 - Kennedy Space Center - KSC
 - Lewis Research Center - LeRC
6. Written support and comments from the following eight NASA installations in response to AIM-NEMSPCM-DID-16, Property Custodian Module Preliminary Design Document - February 17, 1989
 - ARC
 - GSFC
 - JSC
 - JPL
 - KSC

- LeRC
- LaRC
- MSFC

7. AIM-NEMSPCM-DID-16 April, 1989 CCB presentation notes distributed with the minutes as Enclosure 10

RELATED DOCUMENTS

1. NEMSPCM-DID-07, System Concept Document
2. NEMSPCM-DID-16, Preliminary Design Specification

SUBSEQUENT DOCUMENTS

The following list of documents will be developed during the Development Life Cycle to provide details on the requirements, design, and plans.

1. NEMSPCM321-DID-17, Design Specification
2. NEMSPCM321-DID-18, Test Plan and Procedures
3. NEMSPCM321-DID-19, User and Operations Guide
4. NEMSPCM321-DID-24, Version Description Document

Appendix C - PCM System Figures

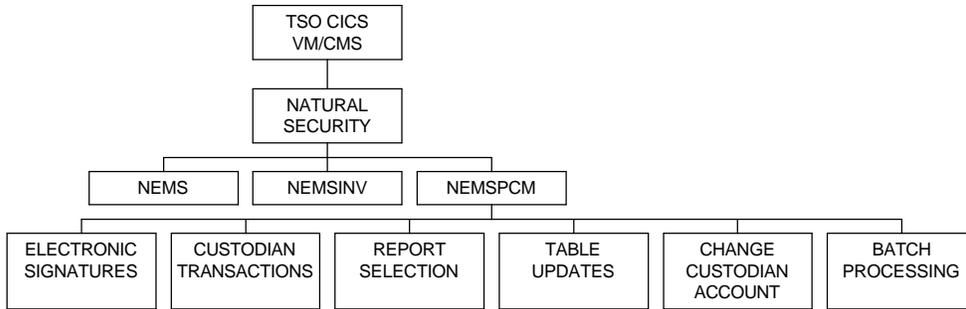


FIGURE 1.1.4.2 - PCM CSCI SOFTWARE ARCHITECTURE

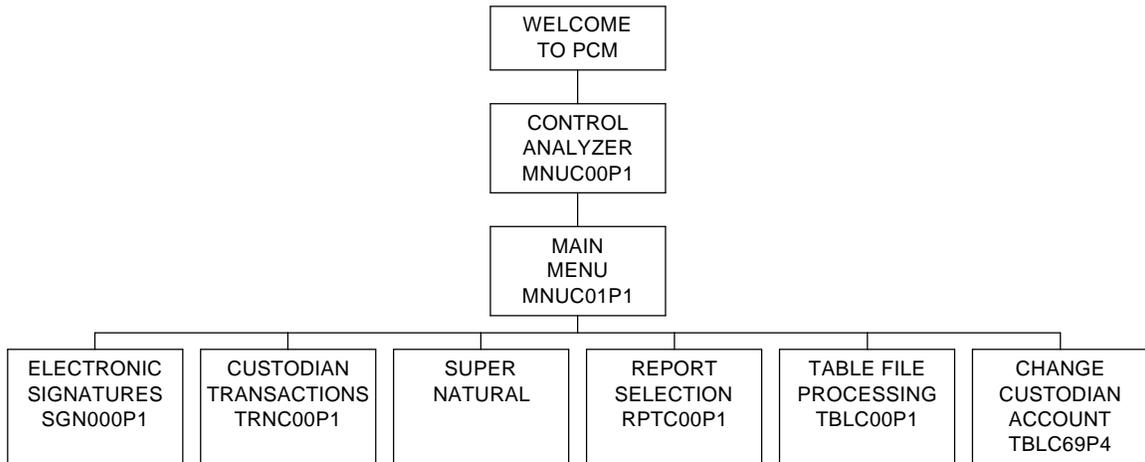


FIGURE 2.3 - PCM TLCSCs BREAK DOWN

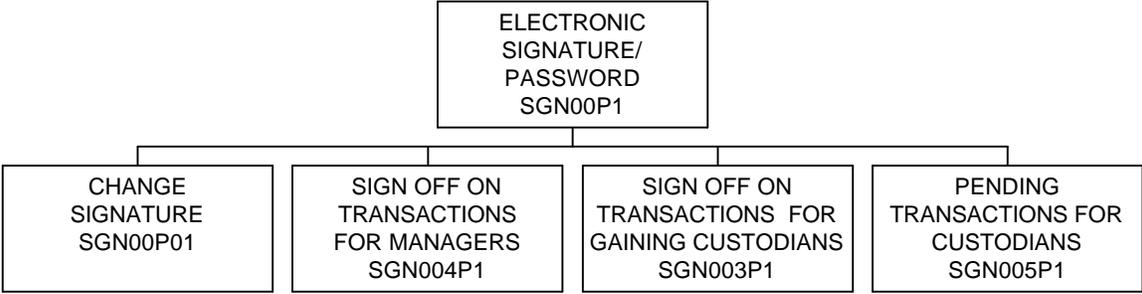
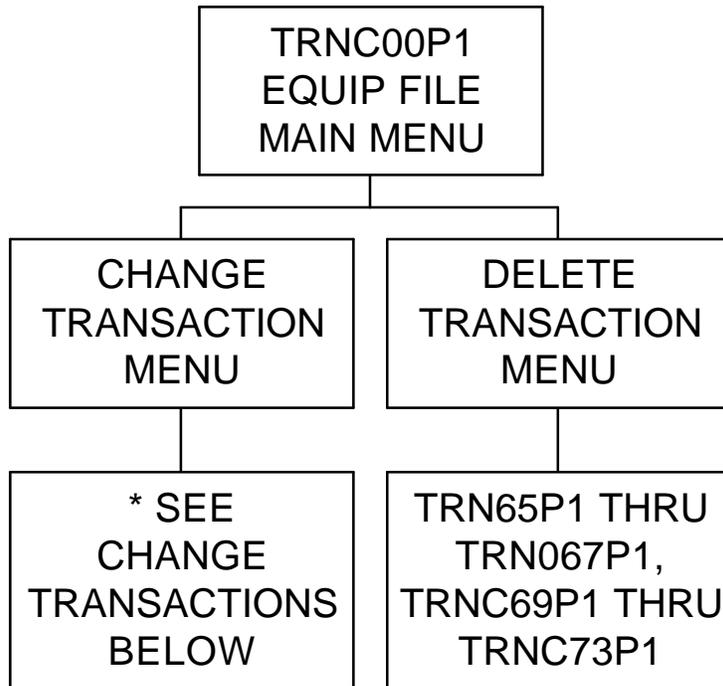
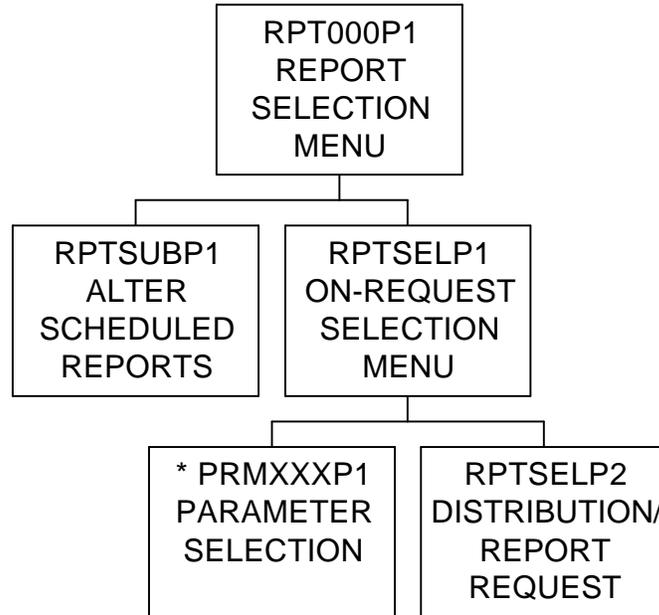


FIGURE 2.5.3 - ELECTRONIC SIGNATURES ARCHITECTURE DECOMPOSITION



*TRNC26P1,
TRNC29PC - TRNC30P1,
TRNC38P1 - TRNC45P1,
TRNC50P1 - TRNC52P1,
TRNC56P1 - TRNC57P1,
AND TRNC60P1

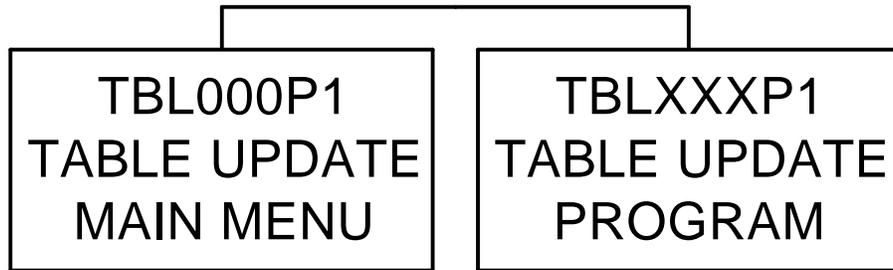
FIGURE 2.6.3 - CUSTODIAN TRANSACTIONS ARCHITECTURE
DECOMPOSITION



PRMXXXP1 PARAMETER SELECTION

- PRM020P1 CUSTODIAN MONTHLY TRANSACTION REPORT
- PRM120P1 PROPERTY CUSTODIAN REPORT
- PRM140P1 CUSTODIAN ACCOUNT NUMBER PROPERTY REPORT (BY CAP SENS CODE)
- PRM141P1 CUSTODIAN ACCOUNT NUMBER PROPERTY REPORT (BY ECN)
- PRM170P1 ITEMS FOUND ON STATION REPORT
- PRM240P1 CUSTODIAN TRANSACTION IN PENDING STATUS
- PRM245P1 TRANSACTION AWAITING ACTION (CUSTODIAN)
- PRM246P1 TRANSACTION AWAITING ACTION (MANAGER)
- PRM501P1 DETAIL ITEM LIST (RANGE OF RECORDS)
- PRM830P1 NEMS-1 (BY ECN)

FIGURE 2.7.3 - REPORTS ARCHITECTURE DECOMPOSITION



<u>PROGRAM</u>	<u>TABLE</u>
TBLC69P1	USER AUTHORITY
TBLC70P1	ACCEPT/REJECT
TBLS06P1	REPORT NUMBER
TBL621P1	TRANSACTION NUMBER

FIGURE 2.8.3 - TABLE MAINTENANCE ARCHITECTURE DECOMPOSITION



FIGURE 2.9.3 - CHANGE CUSTODIAN ACCOUNT ARCHITECTURE
DECOMPOSITION