10. APPENDIX E - DIRECT COMMAND NAVIGATION

The Natural 2.2 Command Processor defines and controls navigation within NPDMS. The Command Processor is set up as a table. The Site Data Base Administrator (DBA) controls and maintains the Command Processor Table. It is used, for example, to define a command 'CHANGE CASE' to provide direct access to the 'Change Case' function. When the user enters this command string on the navigation line of a screen, the Natural command processor processes the input and executes the action(s) assigned to the command. Some commands require additional data. The 'CHANGE CASE' command requires the property case number (and possibly an item Identifier in the event the change is for a component system) to fully complete the direct command. If the data is omitted or invalid, the menu that invokes the function is displayed with an appropriate informational message. Here, the transaction menu would display with a message indicating that either the property case number was not entered, or that the case entered was not found.

Once the function is complete, the system takes the user to the menu that normally invokes the function. In this example, once the change case function is complete, the transaction menu appears. The user can then use standard menu commands to navigate, or enter another direct command.

NPDMS takes advantage of the following features of the command processor:

- Each screen that allows direct commands has a navigation line on it. The user may enter any direct command on that line and the system can then process that command.

- The command processor automatically compares every keyword specified with all other keywords and determines the minimum number of characters in each keyword required to uniquely Identify the keyword. This means that, when entering commands in NPDMS, users may shorten each keyword to the minimum length required by the command processor to distinguish it from other keywords. CHANGE could be abbreviated to CHANG, CHAN, CHA, CH, or even C if there were no other commands starting with the letter C.

NPDMS direct commands use one, two, or three words, followed by optionally one or more data values. The command structure is an action word followed by an object, followed by an additional word. The data follows the command. NOTE: For data values that include the Property Case Number, enter only the last 8 characters of the case number. The first 6 characters are filled by the system with the Installation Federal Activity Address Code of the current system user. The Natural Command Processor requires that each part of the command (Action, Object, Additional Word) and data be separated by a blank space. Action words used in the NPDMS command processor include ADD, CHANGE, DELETE, DONATE, and TRANSFER. Objects in the NPDMS design include CASE, LOT, and REPORT. An example of a valid direct command to change a component item case is as follows:

CHANGE CASE 2125C073

which could be uniquely abbreviated to any of the following:

CHAN CA 2125C073,

CH CAS 2125C073,

CHA CASE 2125C073,

CH CA 2125C073,

or any other valid, unique string of characters. NPDMS Direct Commands, includes all of the valid commands, identifies the data that is needed, describes the processing action, and refers to the appropriate section in the design specification.

Action	Object	Addition	Data Value 1	Data Value 2	Processing Action	Design Specification Section	Program
ADD	CASE				Transaction-Non-controlled case add	2.1.3.5.1 Add/Change	ND5000PA
ADD	CASE		#ECN	#CUSTODIAN-ACCOUNT-NUMBER	Transaction-Controlled case add	2.1.3.5.1 Add/Change	ND5000PA
ADD	ITEM		#PROP-CASE-NMBR	#ECN	Transaction Component item add	2.1.3.5.1 Add/Change	ND5000PA
ADD	RPT		#RPT-MAINT-PGM-ID		Schedule a new report job	2.1.3.2 Reports Selection	ND2300PA
ADD	TBL		#SYS-TBL-ID		Add an entry to a table	2.1.3.3 Tables	ND3000PA
CHANGE	CASE		#PROP-CASE-NMBR	#ITEM-ID	Transaction-Change case	2.1.3.5.1 Add/Change	ND5000PA
CHANGE	RPT		#RPT-MAINT-PGM-ID		Reschedule an exiting report job	2.1.3.2 Reports Selection	ND2300PA
CHANGE	TBL		#SYS-TBL-ID		Modify an entry in a table	2.1.3.3 Tables	ND3000PA
CONVERT	CASE		#PROP-CASE-NMBR		Transaction-Convert case to component system	2.1.3.5.27 Convert Case to Component	ND5000PA
CONVERT	COMPONENT		#PROP-CASE-NMBR	#ITEM-ID	Transaction-Convert component system to a case	2.1.3.5.28 Convert Component to Case	ND5000PA
DELETE	CASE		#PROP-CASE-NMBR	#ITEM-ID	Transaction-Delete single case or component system	2.1.3.5.4 Delete Single Case, 2.1.3.5.5 Delete Component System	ND5000PA
DELETE	RPT		#RPT-MAINT-PGM-ID		Delete a currently scheduled report job	2.1.3.2 Reports Selection	ND2300PA
DELETE	TBL		#SYS-TBL-ID		Delete an entry from a table	2.1.3.3 Tables	ND3000PA
DISPOSITION	ABANDONED		#PROP-CASE-NMBR	#ITEM-ID	Abandoned or Destroyed Property (T18)	2.1.3.5.23 T18 Abandoned or Destroyed Property	ND5000PA
DISPOSITION	SCRAP		#PROP-CASE-NMBR	#ITEM-ID	Scrap/Salvage transaction (T03)	2.1.3.5.10 Expended to Scrap	ND5000PA
DISPOSITION	SURVEY		#PROP-CASE-NMBR	#ITEM-ID	Survey lost personal property (T04)	2.1.3.5.11 T04 Survey Lost Personal Property	ND5000PA
DONATE	APPROVED		#PROP-CASE-NMBR	#ITEM-ID	Donation approved by GSA (T13)	2.1.3.5.20 T13 Donation Approved by GSA	ND5000PA
DONATE	FOREIGN		#PROP-CASE-NMBR	#ITEM-ID	Transfer of foreign excess property for donation (T10)	2.1.3.5.17 T10 Transfer of Foreign Excess Property For Donation	ND5000PA
DONATE	OTHER		#PROP-CASE-NMBR	#ITEM-ID	Donation to other without prior GSA approval (T20)	2.1.3.5.24 T20 Donation to Other Without Prior GSA Approval	ND5000PA
DONATE	PUBLIC		#PROP-CASE-NMBR	#ITEM-ID	Donation to public bodies without prior GSA approval (T11)	2.1.3.5.18 T11 Donation to Public Bodies Without Prior GSA Approval	ND5000PA
ENTER	SRD				Enter SRD and GSA control number	2.1.3.5.29 Enter SRD and GSA Control Number	ND5000PA

Action	Object	Addition	Data Value 1	Data Value 2	Processing Action	Design Specification Section	Program
EXCHANGE			#PROP-CASE-NMBR	#ITEM-ID	Exchange/Sale of property traded to vendor (T19)	2.1.3.5.8 Exchange/Sale of Property (T19)	ND5000PA
FREEZE			#PROP-CASE-NMBR	#ITEM-ID	Freeze transactions	2.1.3.5.9 Freeze	ND5000PA
INVENTORY					Access the NPDMS inventory menu	2.1.3.6 Inventory	ND6000PA
LIST	RPT				List standard reports by frequency	2.1.3.2 Reports Selection	ND2100PA
SALES					Access the NPDMS sales process menu	2.1.3 .5.7 Sales Process	ND4900PA
MAIN					Access the NPDMS main menu	2.1.3 Online Processing Architecture Decomposition	NDO000PC
PROCESS	RPT				Access the Add, Change, Delete Report Menu	2.1.3.2 Reports Selection	ND2300PA
QUERY					Access SuperNATURAL	2.1.3.1 Queries	ND1000PA
RECEIPTS			#PROP-CASE-NMBR	#ITEM-ID	Receipt transaction (T02)	2.1.3.5.6 Receipt Transaction	ND5000PA
REPORTS					Access the NPDMS reports selection menu	2.1.3.2 Reports Selection	ND2000PA
REPORTS	SCHEDULE				Access the NPDMS regularly scheduled reports / maintenance menu	2.1.3.2 Reports Selection	ND2400PA
RESET	GSA				Access the NPDMS retransmit GSA rejected records	2.1.3.7 Retransmit GSA Rejected Case Records	ND7000PA
REVERSE	TRANS-ACTION		#ERN, #ECN, #PROP-CASE-NMBR, #DOC-NMBR		Reversal transaction	2.1.3.5.25 RT99 Reversal	ND5000PA
REVERSE	RECEIPT		#ERN, #ECN, #PROP-CASE-NMBR, #DOC-NMBR		Reversal Receipt	2.1.3.5.26 RT02 Reversal	ND5000PA
SELECT	RPT		#RPT-MAINT-PGM-ID		Select on-request reports	2.1.3.2 Reports Selection	ND2200PA
SELECT	CASE				Eligible for DRMO Listing	2.2.2.1.30 Cases Eligible DRMO List	ND2500PA
TABLES					Access the NPDMS tables menu	2.1.3.3 Tables	ND3000PA
TRADE			#PROP-CASE-NMBR		Transaction Traded to Vendor	2.1.3.5.8 Exchange/Sale Of Property	ND5000PA
TRANSFER	DRMO		#PROP-CASE-NMBR	#ITEM-ID	Transfer to DRMO (T09)	2.1.3.5.16 T09 Transferred to DRMO for Further Disposal Processing	ND5000PA
TRANSFER	GSA		#PROP-CASE-NMBR	#ITEM-ID	Transfer to GSA (T12)	2.1.3.5.19 T12 Transferred to GSA For Further Disposal Processing	ND5000PA
TRANSFER	NASA	GENERATING	#PROP-CASE-NMBR	#ITEM-ID	Utilized by generating NASA center (T05)	2.1.3.5.12 T05 Utilized By Generating NASA Center	ND5000PA
TRANSFER	NASA		#PROP-CASE-NMBR	#ITEM-ID	Utilized by other NASA center (T06)	2.1.3.1.13 T06 Utilized By Other NASA Center	ND5000PA
TRANSFER	OFA		#PROP-CASE-NMBR	#ITEM-ID	Transfer to other federal agency without	2.1.3.5.15 T08 Transferred For Use	ND5000PA

Action	Object	Addition	Data Value 1	Data Value 2	Processing Action	Design Specification Section	Program
					GSA approval (T08)	By Other Federal Agency Without GSA Approval	
TRANSFER	OFAGSA		#PROP-CASE-NMBR	#ITEM-ID	Transfer to other federal agency with GSA approval (T07)	2.1.3.5.14 T07 Transferred For Use By Other Federal Agency With GSA Approval	ND5000PA
TRANSFER	OTHER		#PROP-CASE-NMBR	#ITEM-ID	Transfer to other without GSA approval (T16)	2.1.3.5.22 T16 Transferred To Other Without Prior GSA Approval	ND5000PA
TXN					Access the NPDMS transaction menu	2.1.3.5 NPDMS Transaction Menu	ND5000PA