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TECHNICAL REPORT 132



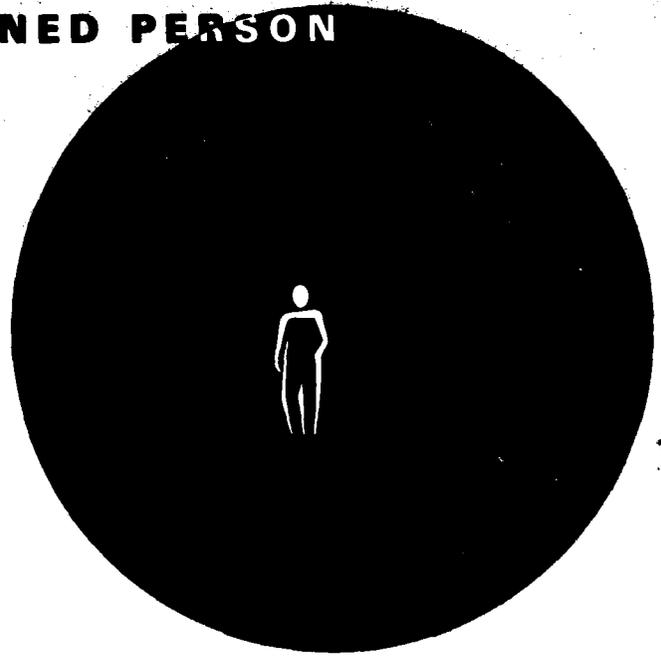
**CHIEF OF NAVAL EDUCATION
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AUTOMATED MANPOWER
REPORTING SYSTEM (CAMPRS)**

OCTOBER 1982

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TRAINING ANALYSIS AND EVALUATION GROUP
ORLANDO, FLORIDA 32813

Technical Report 132

CHIEF OF NAVAL EDUCATION AND TRAINING
AUTOMATED MANPOWER REPORTING SYSTEM (CAMPRS)

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Training Analysis and Evaluation Group

October 1982

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and, at times, must be made rapidly. The CNET Automated Manpower Reporting System (CAMPRS) was developed to aid CNET manpower management personnel in this decision-making process. This report presents the CAMPRS and provides a guide to the operation of the system for NAVEDTRACOM personnel.

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SECTION I

INTRODUCTION

One of the most important problems faced by the Chief of Naval Education and Training (CNET) each year is the allocation of manpower (military/civilian) resources within the Naval Education and Training Command (NAVEDTRACOM). Each year decisions must be made concerning budget development and execution within the framework of fiscal guidance imposed by Congress, Office of Management and Budget (OMB), or the Secretary of the Navy (SECNAV). Manpower planning and utilization are complex problems, and the information requirements to efficiently manage the existing manpower resources are increasing. In addition, effective management decisions are based on an increasing aggregation of complex variables and, more often than desired, must be made rapidly. Therefore, there is a need for an automated manpower management system to aid the CNET manpower management personnel in the decision-making process. Accurate and timely manpower information is also required for Program Objective Memorandum (POM) development, Commercial Activities Program reporting, and the management and analysis of manpower utilization. The CNET Automated Manpower Reporting System (CAMPRS) has been developed to help CNET perform its manpower management functions.

BACKGROUND

The manpower management process for the NAVEDTRACOM is an extremely labor intensive process. It formerly required the manual acquisition, maintenance, and analysis of manpower data. The process required that the data be available for the current year, that it be updated and revised as necessary, and also be projected for the out year planning requirements of the Five Year Defense Plan (FYDP). Additionally, congressional budgetary reporting requirements resulted in CNET being required to establish and maintain an integrated military billet and civilian position management system.

As an initial step in meeting the requirements stated above, a meeting was held at the Training Analysis and Evaluation Group (TAEG), May 26-28, 1981. Participants at the meeting were from CNET (Codes N-61, N-762, N-33), commercial activities (CA), and TAEG. As a result of this meeting, TAEG was tasked to develop an automated system for CNET whereby civilian and military billet data can be collected, updated, monitored, and analyzed and also produce a wide variety of reports from the data collected.

PURPOSE

The purpose of this report is to present the CAMPRS and to provide a guide to the operation of the system for NAVEDTRACOM personnel.

ORGANIZATION OF THE REPORT

In addition to this introduction the report is divided into three other sections and five appendices. Section II briefly describes CAMPRS and its major options and suboptions. Section III provides a detailed guide to the operation of the CAMPRS. Section IV describes the CAMPRS maintenance support system and its operation. Appendix A contains sample activity, primary, and

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secondary records. Appendix B contains a list of all the data elements (fields) in the various files. These fields must be known to specify sort orders and report restrictions. Appendix C contains examples of various outputs available from CAMPRS. Appendix D contains the data file documentation, which provides a complete description of the contents and format of each of the various data files used in CAMPRS. Appendix E contains a list of these files with their mnemonic program names.

SECTION II

OVERVIEW OF THE CNET AUTOMATED MANPOWER REPORTING SYSTEM

The CAMPRS was developed to integrate several diverse data files to meet the reporting requirements of several users. It provides a means for the CNET, CNET Functional Commanders, and large activities to efficiently manage, analyze, and store large amounts of manpower (civilian and military) data. The CAMPRS will help alleviate the labor intensive manpower data gathering and analysis process thereby enhancing CNET's ability to manage its manpower resources.

A diagram of the CAMPRS is shown in figure 1. The system contains seven major files. An activity file contains records with specific information for every unit identification code (UIC), activity group (AG), and subactivity group (SAG) in the NAVEDTRACOM. A sample activity record is shown in appendix A, figure A-1. Primary and secondary files contain records for every civilian and military (officer and enlisted) position and billet. A primary record contains CNET data that is common to a position(s) for a specific billet or position sequence code. Secondary records contain onboard information such as employee type and race. A sample primary record is shown in appendix A, figure A-2. The corresponding secondary records are shown in appendix A, figure A-3. Notice that there are three secondary records for the primary record shown in figure A-2. In addition to containing information on billets and positions, the primary files also contain notes and headers. The notes and headers give an activity the ability to annotate its organizational structure.

Figure 2 presents the options that comprise CAMPRS Master Menu. The system contains multiple options which may be selected by the user via the CAMPRS Master Menu. When an option is selected by the user the subsystem appears on the display as a list (menu) of additional options which allow the user to input, edit, delete, or analyze various data elements.

The system is designed to be highly interactive and user oriented; thus, numerous messages and instructions are provided throughout to aid the user. A variety of users are accommodated by the system in the entry of data or the analysis of these data. Personnel interested in only one portion of the CAMPRS need not know how to use the options for which they have no requirements (although procedures are similar).

In order to reduce the number of keystrokes required by the CAMPRS user, the following convention should be noted. All programs terminate the entry of a field once it is full. Hence, full fields do not require that the RETURN key be pressed. This feature may take some time to get used to, but in the long run it is more efficient. On the other hand, all partially filled fields require that the user press the RETURN key to terminate the input of that field.

CAMPRS ACTIVITY FILE SUBSYSTEM (CAMPRS MASTER MENU OPTION '00)

Selecting option '00, CAMPRS Activity File Subsystem, from the CAMPRS MASTER MENU will cause the system to display:

```
CAMPRS ACTIVITY FILE MENU
-----
'FN  Operation
-----
'00 - ACTIVITY FILE EDIT PROGRAM
'01 - ACTIVITY FILE PRINT PROGRAM
'02 - ACTIVITY FILE SYSTEM TABLES UPDATE MENU
'11 - CAMPRS MASTER MENU

Please touch the special function key corresponding to the desired
operation
```

Figure 3 shows the various options available to the user of the CAMPRS Activity File Subsystem.

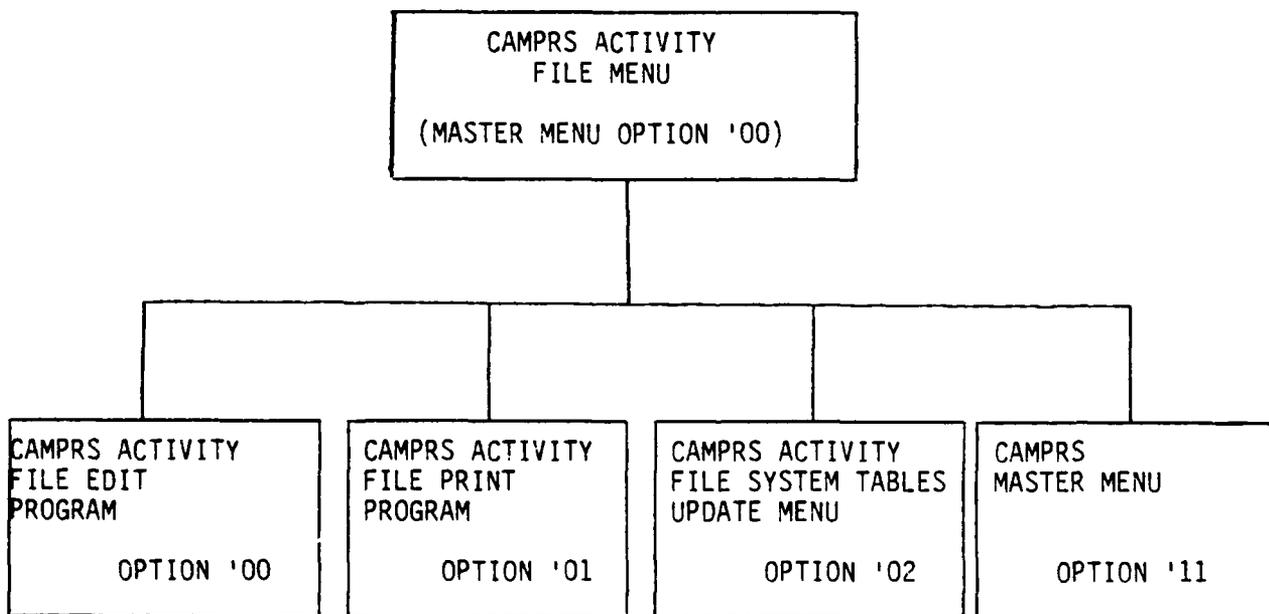


Figure 3. CAMPRS Activity File Menu

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CAMPRS MASTER MENU

=====

'FN	Operation
---	-----
'00	- CAMPRS ACTIVITY FILE MENU
'01	- CAMPRS BILLET FILE MENU
'02	- CAMPRS SPECIAL SUPPORT
'03	- IDEAS SUPPLEMENTARY DATA FILE UTILITIES MENU
'11	- CAMPRS DISK START PROGRAM

Please touch the special function key corresponding to the desired operation

The above display is called the "CAMPRS MASTER MENU." It is the beginning and end of all subsystem operations. From this menu the user may select any one of the five available options. The remainder of this report describes each of the five major subsystems available with CAMPRS.

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```

Welcome to the CNET Automated Manpower System

Please Enter Today's Date (mmddy):           031982

Please Enter Printer Address:                215

Please Enter the Disk Address of the disk drive
containing CAMPRS System Programs:         D34

Please Enter the Disk Address of the disk drive
containing CAMPRS Activity File:           D34

Are ALL Addresses Below Correct (Yes or No)?  Yes

Please enter Starting Fiscal Year of Data Base: 82

Subsystem Data - Address  !Subsystem Data - Address  ! !Program!Printer! FY
Primary Civilian /D32 !Secondary Officer /D34 ! ! ! !
Primary Officer /D34 !Secondary Enlisted /D34 ! ! /D34 ! /215 ! 82
Primary Enlisted /D32 !SORT4 Work File /D31 ! ! ! !
N33/CITA Sort Files /D31 !Print Utility Files /D31 ! ! ! !
SORT4 Programs /D11 !General Sort Files /D31 ! ! ! !
Secondary Civilian /D32 ! ! ! !
    
```

The system has been set up to default through these questions, so if there are no changes to be made to the default responses, pressing RETURN five times or pressing E and then pressing RETURN at any point to skip the remaining queries will allow the user to proceed to the CAMPRS MASTER MENU. To return the cursor to a previous response, RECALL (SF key '15) should be pressed.

When all these queries have been answered, a final question asks for the CPU number in the case of multiple CPUs. After that entry is made, the following screen is displayed:

SECTION III

CAMPRS OPERATING PROCEDURES

It is assumed that the required computer hardware (CRT, Disk Drive, and Line Printer) is available to the user. Initializing the equipment is an extremely easy task. However, because of the various types of equipment available and many equipment configurations that are possible, it is desirable to have personnel knowledgeable in WANG computer hardware available to set up the computer hardware for subsequent use. When the system has been set up, the following will appear on the CRT display:

```

***** 2200 VP/MVP DISK PGM SELECTION MENU *****

Select item with SPACE & BACKSPACE.                Partition 6, 56K
Key RUN to execute, CLEAR or PREV SCRN for previous screen    Terminal 4

#  CAMPRS:  CNET Automated Manpower System
.  CAMPRS:  CNET Automated Manpower System Maintenance Support
    
```

There are two options available. The first enables the user to operate the CNET Automated Manpower Reporting System. The second option enables the user to access the maintenance support for this system. A detailed description of the Maintenance Support System can be found in section IV, CAMPRS MAINTENANCE SUPPORT.

Selecting CAMPRS: CNET Automated Manpower System from the Disk Selection Menu will cause the following display to appear:

```

Welcome to the CNET Automated Manpower System

Please Enter Today's Date (mmddy):

Subsystem Data - Address  !Subsystem Data - Address  ! !Program!Printer! FY
Primary Civilian    /D32  !Secondary Officer    /D34  !!      !      !
Primary Officer     /D34  !Secondary Enlisted   /D34  !! /D34 ! /215 ! 82
Primary Enlisted    /D32  !SORT4 Work File     /D31  !!      !      !
N33/CITA Sort Files /D31  !Print Utility Files  /D31  !!      !      !
    
```

To continue, the present date must be entered. All fields must contain two digits; a zero should precede any single digit month or day. For example, March 19, 1982, should appear as 031982. After the date is entered and the RETURN key is pressed, the following questions will appear one at a time (and each must be answered):

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After the fields have been selected, the following screen is displayed:

```

CNET Automated Manpower System:  GENERAL PRINT OPTION                Release 1.0
-----
                                CHOOSE TOTALS

    To choose your totals, simply enter 'Y' (yes, total this field) or
    'N' (no, don't total this field).  NOTE that you may only total fields you chose
    to print.  The default values tell you:  'N' -can't total field, 'C' -count only,
    'S' -sum field, 'M' -count and average field.

Field  TYPE  Field  TYPE  Field  TYPE  Field  TYPE  Field  TYPE
-----  ---  -----  ---  -----  ---  -----  ---  -----  ---
UIC      N      UUETHNIC  #      #####  #      #####  #      #####  #
BSC      N      #      #      #####  #      #####  #      #####  #
BSC NMBR  N      #####  #      #####  #      #####  #      #####  #
BLT TIL1  N      #####  #      #####  #      #####  #      #####  #
BLT TIL2  N      #####  #      #####  #      #####  #      #####  #
BOC      N      #####  #      #####  #      #####  #      #####  #
INSTRUCT  C      #####  #      #####  #      #####  #      #####  #
VACANT   C      #####  #      #####  #      #####  #      #####  #
USEX     C      #####  #      #####  #      #####  #      #####  #
URACE    C      #####  #      #####  #      #####  #      #####  #

                                Do you want to choose totals? (Y or N)
    
```

This screen will enable the user to print out totals for the fields previously selected. If totals are not required, the user enters "N" and the program proceeds to print the report. However, if the user does desire any totals, a "Y" is entered. The cursor will move to each field in turn, and the default value for that field's type will change to "C" if the field can only be counted, "S" if a sum can be obtained for the field, "M" if a count can be obtained and an average value computed and "N" if the field can't be totalled. The indicated totals will then be printed out in the report.

All CAMPRS print and edit options are discussed in detail in section III.

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PSSP OCC is the field name for the occupational series and PAOD GR is the field name for the pay grade. A complete list of field names is given in appendix B. The user must specify the field names exactly as they are shown in appendix B.

The second category of print programs allows the user to sort in any desired order, generate subtotals and totals, and restrict printing to certain records. Up to five fields may be chosen for sorting. It should be noted that only fields which have previously been entered in the table of available sort fields can be used for sorting and restricting. The sort field selection screen is shown below:

```
CNET Automated Manpower Systems:  GENERAL PRINT OPTION          Release 1.0
=====
                                CHOOSE SORT KEYS

To choose your sort keys, enter the field names in the order you would like
them printed.  If you're not sure of the names, get a hard copy before you start.
You may choose five sort fields of no more than 10 characters per field.  As you
choose the sort fields, decide whether to page break when they change (if totals
are chosen, they will be printed at each page break).  Simply answer 'Y' if a
page break is desired or 'N' if no page break is desired.

                                Page Break

Sort Order      Field Name      (Y/N)
1 .....        #####          #
2 .....        #####          #
3 .....        #####          #
4 .....        #####          #
5 .....        #####          #

Do you want a listing of field names?  (Y or N)  N
```

If less than five fields are chosen, use SF '04 (END) to terminate sort field entries.

After choosing the desired sort sequence, the user can specify any desired restrictions as shown below:

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The user may exit from a line currently being edited by pressing special function key 04 (SF'04), the END key. This action will return the cursor to the prompt line. The add/update programs automatically return the cursor to the prompt line following the editing of the last data field on a line.

In addition to entering the line number to be edited, several other codes may be entered on the prompt line. The user can obtain a hardcopy of the record currently being displayed by entering a "P." Once the user has made all necessary changes to a record, the record may be permanently changed by entering a zero ("0"). A record will also be saved on the disk if RETURN is pressed on the prompt line to go to the next screen. However, pressing zero ("0") to save a record allows the user to return to the key input prompt. Another UIC and BSC may then be selected. In the event that a record is called up and changed by mistake, the user can enter an "A" to return to the key input prompt without saving the data on the disk.

In addition to the codes just discussed, several other codes may be entered on the primary and secondary billet file prompt lines. Pressing RETURN from a primary billet record prompt line will cause the first secondary record, if one exists, to be loaded and displayed. If no secondary record exists, a message will be displayed indicating that fact. The user may go directly to a particular secondary record by entering an "S" followed by the billet number of the desired record. The next primary record may be loaded by pressing an "N" and RETURN on the prompt line. If the user presses a "D" on a secondary record prompt line, the data in the record being displayed will be duplicated in all succeeding secondary records with the same UIC and BSC. Entering a "B" and pressing RETURN from a secondary record prompt line will cause the primary record to be redisplayed.

The user may delete a record or series of records by using the delete options. Deleting a primary billet file record will automatically cause all associated secondary records to be deleted. Of course, secondary records may be deleted without affecting the associated primary record.

A duplicate program allows the user to duplicate five data fields through a series of primary billet file records. For example, this program may be used to make the program element and AG/SAG the same for all records belonging to a particular UIC. The data fields that may be duplicated are the program element, AG/SAG, commercial activities (CA) code, resource sponsor, and the CA basis of performance code.

PRINT OPTIONS

The CAMPRS has numerous print options; however, all print options fall into two general categories. The first category allows the user to use the IDEAS run time select mask as shown below:

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another. The Reference File option may be used to build a table of UICs. This is useful if the user wishes to build a CAMPRS disk with records belonging only to certain UICs. The Move Data File Records option is normally used to create functional commander disks and to merge functional commander records into the master CNET files. Records that are not on an update disk may be removed from a master file by using the Purge Data File Records option.

Normal operations of the CAMPRS do not require the use of the Initialize Data Files option. However, it may be necessary to run this option if the CAMPRS data files become full.

Detailed procedures for operation of the CAMPRS Maintenance Support System are contained in section IV of this report.

DATA BASE ORGANIZATION

The CAMPRS consists of seven major data files (see figure 1). Six of the files contain primary or secondary billet or position information. The seventh file is the activity file which contains information about various activities such as the program element, resource sponsor, functional commander and so forth. This file allows the billet information to be printed and aggregated in a large number of ways. For instance, the user can print planned authorization totals by program elements.

The records in the seven data files are indexed by a key. In the case of activity file records, the key is the UIC, resource sponsor code, and AG/SAG. Primary file record keys are the UIC and billet sequence code (BSC). The key for a secondary file record consists of the UIC, BSC, and BSC number. The BSC number is an integer between 1 and 999. These keys enable the user to retrieve any desired record quickly by entering the key.

EDIT OPTIONS

The add/update programs enable the CAMPRS user to enter data into the various data files. Data are initially entered into a data file using the add mode. Once a data record has been entered into a data file, it may be changed using the update or edit mode.

There are basically three types of edit screens used in the CAMPRS. These are the activity file screen format, the primary billet file screen format, and the secondary file screen format. Although the data elements are not identical for civilians, officers, and enlisted files, the screen formats are the same. Data fields that do not apply are simply left blank. All add/update programs allow changes to be made to data currently displayed on the CRT screen by entering the appropriate code on a prompt line. The prompt line(s) is always located at the bottom of the CRT screen except for the activity file add/update program where it is located near the center of the screen. All edit screen data lines that may be edited are prefixed by a number. The data elements on a particular line may be changed by entering the line number followed by pressing the RETURN key. This will cause the cursor to move to the first data element on the appropriate line. At this time the user may change the data element or skip it by pressing the RETURN key.

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The operating environmental and special support software deserve special attention and are, therefore, discussed in this overview. The CAMPRS software is written in WANG BASIC-2 and is designed to operate on a WANG 2200 VP or WANG 2200 MVP computer in either a multiplexed or nonmultiplexed disk environment. All models of currently available WANG disk drives are supported. File management and record access are provided by using the WANG Inquiry Data Entry Access System (IDEAS). IDEAS provides full record protection in a multi-user environment.

The word billet is normally used when referring to positions occupied by military personnel and the word position is used when discussing positions occupied by civilian personnel. Throughout this report the words are used interchangeably.

SYSTEM OPTIONS

The Activity File Subsystem (option 00) enables the user to manipulate the data records in the Activity File. This file contains records with specific information for every unit identification code (UIC), activity group (AG), and subactivity group (SAG) in the NAVEDTRACOM. These records can be updated or printed out and tables of valid AG/SAGs, program elements and functional commanders can be maintained.

The Billet File Subsystem (option 01) enables the user to update and maintain the data for all billet file records (civilian or military) contained in the CAMPRS. The primary and secondary civilian billet files contain information on every civilian position in the command. Corresponding officer and enlisted billet data are contained in the primary and secondary officer and enlisted files. In addition to containing information on billets and positions, the primary files also contain notes and headers. These notes and headers give an activity the ability to annotate its organizational structure. Data can be added, modified, or deleted. Numerous reports can be generated utilizing a wide variety of formats. Also, printouts of blank forms to aid in preparing data for entry into the system can be generated.

The Special Support Subsystem (option 02) consists of programs to check file integrity, generate and merge update disks, produce update tapes, and perform other operations necessary to maintain CAMPRS. Normally, these programs are not used in the day to day operations of CAMPRS and should only be run as required.

The IDEAS Supplementary Data File Utilities Subsystem (option 03) consists of a number of programs that enable the user to check file status, protect or release records, reconstruct the key files, convert to or from Wang Standard Telecommunications file format, and reinitialize data files.

The CAMPRS Disk Start Program (option 11) returns the user to the CAMPRS Disk Program Selection Menu.

The CAMPRS Maintenance Support System software consists of programs that allow the IDEAS data file addresses to be changed, functional commander disks to be created and merged, and IDEAS data files to be initialized. Normally, the Reconfigure option is only run at installation time; however, it must be run anytime CAMPRS data files are moved from one disk surface to

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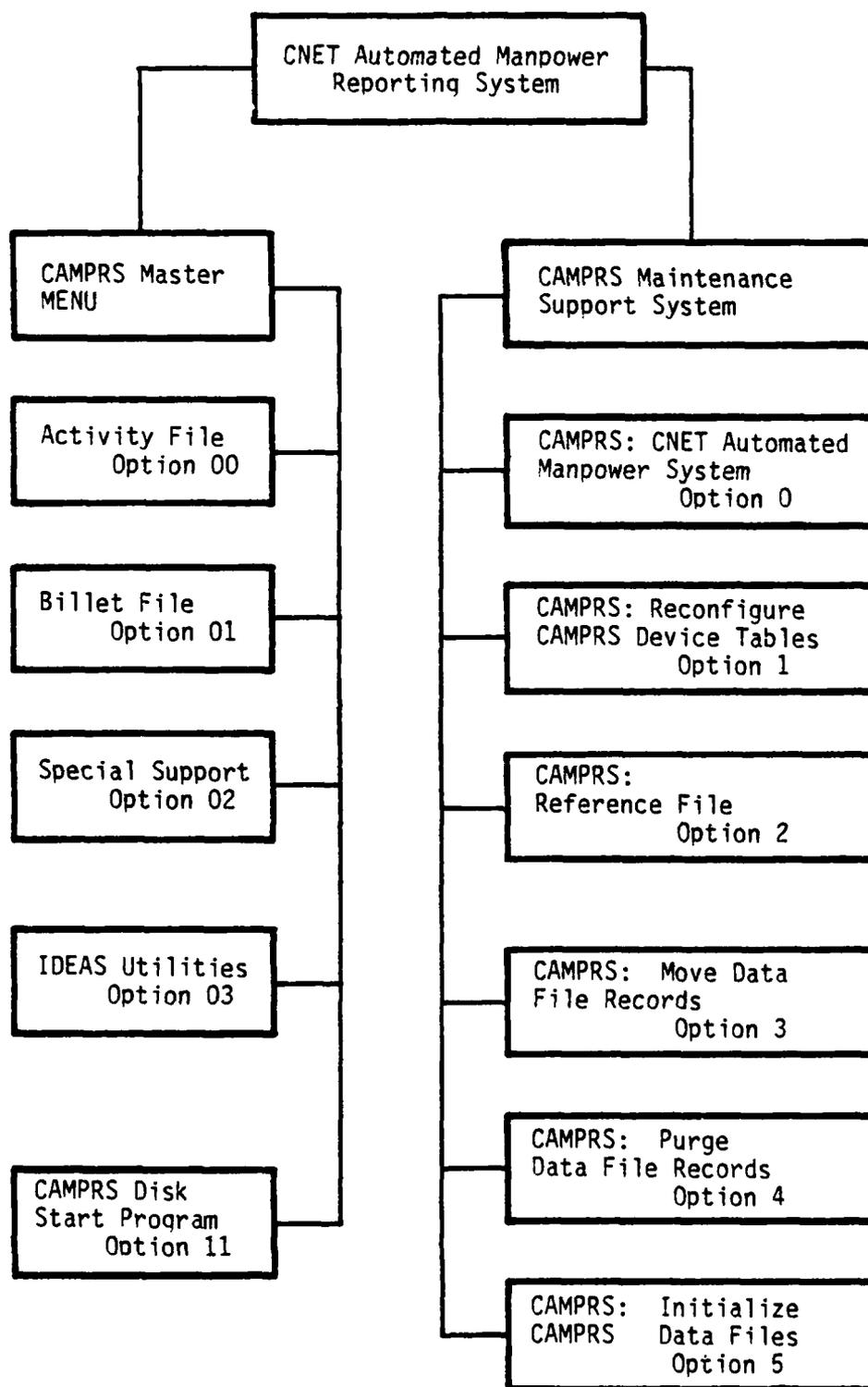


Figure 2. CNET Automated Manpower Reporting System Overview

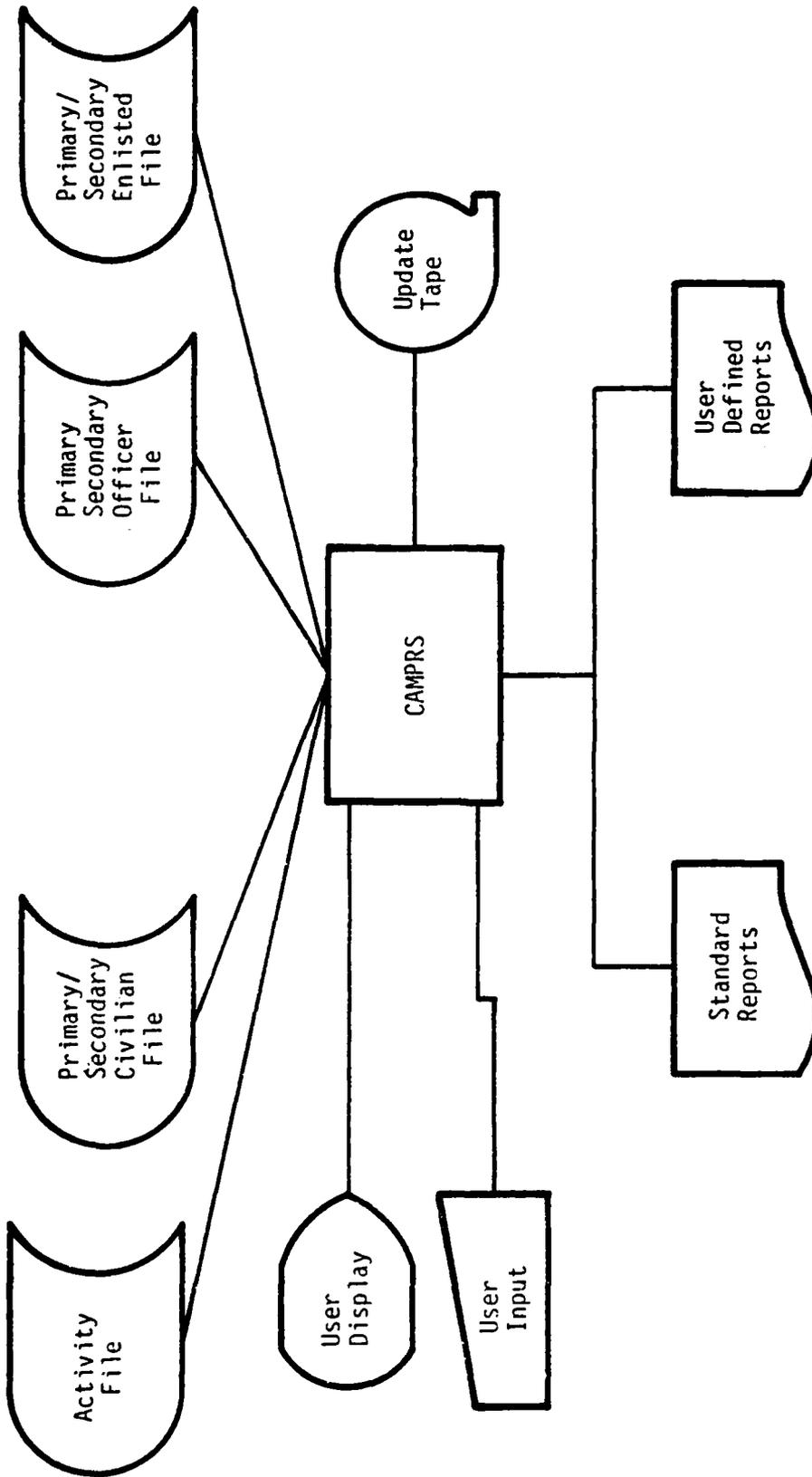


Figure 1. CAMPRS System Diagram

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OPTION '00, ACTIVITY FILE EDIT PROGRAM. The activity file functions as an index of all records by UIC. The file contains records with specific information for every unit identification code (UIC), activity group (AG), and subactivity group (SAG) in the NAVEDTRACOM. A sample activity record is shown in appendix A, figure A-1. Selecting option '00 from the CAMPRS Activity File Menu will cause the screen to display the following:

CAMPRS ACTIVITY FILE EDIT PROGRAM	
OPTION NO.	DESCRIPTION
1	ADD AN ACTIVITY RECORD
2	EDIT AN ACTIVITY RECORD
3	DELETE AN ACTIVITY RECORD
9	RETURN TO ACTIVITY FILE MENU

ENTER DESIRED OPTION #

This menu is used to add, edit or delete information in activity records. It is also used to input new records and to delete entire records that are no longer needed.

Selecting option 1, 2, or 3 will cause the appropriate version of the following screen to appear:

CAMPRS ACTIVITY FILE EDIT PROGRAM	
Edit or Input or Delete	} Mode
Enter UIC of record you wish to update #####	
Enter Resource Sponsor Code of record you wish to update #	
Enter AG and SAG of record you wish to update ####	

The reader should note that when using option 3, the delete mode, after the last prompt is answered the system will automatically delete the record. Consequently, extreme caution should be exercised when operating in this mode to prevent the inadvertent deletion of a record.

To return to the CAMPRS ACTIVITY FILE EDIT PROGRAM MENU, press RETURN without entering a UIC. Otherwise, entering the five-digit UIC, the one-digit Resource Sponsor code and the four-digit AG and SAG of the desired record will produce a display similar to the following:

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```

* * * Activity File: Update Program

00062 V M6EQ                               Date of Last Review or Revision: 031882
                                           Effective Date of WG Increase: 0000

  mission/bops                               complex       student
(1) uic: 00062   fcc:                ag: M6   sag: EQ   uic:         uic:

  activity name:                activity group name:        subactivity group name:
(2) CNET STAFF                OTHER TRAINING SUPPORT      COMMAND & ADMINISTRATION

(3) activity code: 1226000500           geographic code:

  FCDR      Pgm Elmnt   Res Spnsr   Pri Cog Code   Sec Cog Code   Subhead
(4) CNET    85798 V    01          0006           0006           6281

Enter line number, A to Abort, O to save, P to print #

1 AFSC      7 COMTRAPAC  13 NETSCLANT  19             25
2 CNATRA    8 DANTES      14 NETSCPAC  20             26
3 CNET      9 DRMEC       15 NTEC      21             27
4 CNETFIPC  10 JROTC      16 PGSCHL    22             28
5 CNTECHTRA 11 MIISA      17 ROTC      23             29
6 COMTRALANT 12 NETPDC     18 TAEG      24             30
    
```

Entering a line number will cause the cursor to move up to the first data field on the specified line. The user may skip any field by pressing RETURN to advance to the next field. A field may be modified by entering the desired data and pressing RETURN. The cursor will automatically advance to the next field on the line. After the last field on that line has been edited, the cursor will return to the prompt line. Pressing special function key '04 (END) will return the cursor to the prompt line from any field on the screen.

The user should note the alphabetical list of functional commanders (FCDRs) at the bottom of the screen. Any entry in the FCDR field must be exactly as that FCDR appears on the list. A further description of the operation of the edit program, as well as the other options available to the user from the prompt line (A to abort, O to save, P to print), can be found in section II under Edit Options.

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OPTION '02, ACTIVITY FILE SYSTEM TABLES UPDATE MENU. Selecting option '02 from the CAMPRS Activity File Menu will enable the user to update the master tables of all valid AG/SAGs, all valid program elements, and all valid functional commanders. The following screen will be displayed:

```
ACTIVITY FILE SYSTEM TABLES UPDATE MENU
=====
'FN  Operation
-----
'00 - UPDATE AG/SAG TABLE PROGRAM
'01 - UPDATE PROGRAM ELEMENT TABLE PROGRAM
'02 - UPDATE FUNCTIONAL COMMANDER TABLE PROGRAM
'11 - CAMPRS ACTIVITY FILE MENU

Please touch the special function key corresponding to the desired operation
```

Selecting option '00 from the Activity File System Tables Update Menu results in the following display:

```
*** Update AG/SAG Table ***                                031982 S: 0

OPTION ! Description of Options
  1 ! Update Items in the table
  2 ! Print the table
  99 ! Return to Update Tables Menu
```

Selecting option 1 from the Update AG/SAG Table will result in the following display:

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*** AG/SAG Input/Edit Program ***

030382 S: 0

Table of Activity Group Names and Codes

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(1) ! 9A COMPLEX	! LH RECRUIT TRAINING
(2) ! F3 BASE OPS SUPPORT OTHER	! LJ US NAVAL ACADEMY
(3) ! F4 BASE OPS - RPMA	! LT A/C FLIGHT OPS MARITIME
(4) ! GR ISD	! LV JUNIOR ROTC
(5) ! K2 SPECIALIZED SKILL TRNG	! M3 AIR TRAINING
(6) ! KS OTHER FULL TIME EDUC	! M5 FLEET SUPPORT
(7) ! L1 OFFICER ACQUISITION	! M6 OTHER TRAINING SUPPORT
(8) ! L3 FLIGHT TRAINING	! M8 PROF. DEVELOPMENT EDUC.
(9) ! L7 VEAP	! MX OFF DUTY & VOL. ED. PGM
(10) ! L8 ROTC	! PC A/C FLIGHT OPS ROTARY
(11) ! L8 OTHER PERSONNEL ACT	! PF A/C FLIGHT OPS NFO
(12) ! LB OTHER PERSONNEL ACT	! PH A/C OPS & MAINT NFO
(13) ! LG OTHER PERSONNEL ACT	! PK A/C FLIGHT OPS OTHER

Enter Option (RECALL, RETURN, line #, N-Next Page, O-Save, P-Print):

The user may now input or modify any table entry by entering the desired line number. After editing each field, pressing RETURN will move the cursor to the next field. After editing the last field on the line, the cursor returns to the prompt line. From there, pressing RETURN moves the cursor up to the first field in the next line. Entering "N" and pressing RETURN will display the next page on screen. If the currently displayed screen is the last page, then pressing "N" and RETURN will display the first page. Pressing RECALL will exit to the ACTIVITY FILE SYSTEM TABLES UPDATE MENU. The other prompt line options (O-Save, P-Print) are described in section II under Edit Options.

Selecting option 2 from the Update AG/SAG Table Menu will generate a hardcopy printout of the Activity Group/Subactivity Group Name Table. Pressing RETURN will then return to the ACTIVITY FILE SYSTEM TABLES UPDATE MENU.

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Selecting option '01 from the Activity File System Tables Update Menu results in the following display:

```
*** Update Program Element Table ***                                031982 S: 0
                               Enter Desired Option:

OPTION ! Description of Options
  1    ! Update Items in the table
  2    ! Print the table
  99   ! Return to Update Tables Menu
```

Selecting option 1 from the Update Program Element Table Menu will cause the following display to appear:

```
*** Program Element Input/Edit Program ***                          031982 S: 0
                               Table of all valid Program Elements
( 1) ! 02002 ! 84751 ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !
( 2) ! 24633 ! 84752 ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !
( 3) ! 84711 ! 84771 ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !
( 4) ! 84722 ! 85794 ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !
( 5) ! 84723 ! 85795 ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !
( 6) ! 84724 ! 85796 ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !
( 7) ! 84731 ! 85798 ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !
( 8) ! 84733 ! 88716 ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !
( 9) ! 84734 ! 89721 ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !
(10) ! 84741 ! 89731 ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !
(11) ! 84742 ! 89732 ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !
(12) ! 84743 ! 91214 ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !
! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !

Enter Option (RECALL, RETURN, line #, 0-Save, P-Print):
```

The user can input or modify any field in the Program Element Table. The prompt line options are described in section II under Edit Options. Pressing RECALL will return the program to the ACTIVITY FILE SYSTEM TABLES UPDATE MENU.

Selecting option 2 from the Update Program Element Table Menu will generate a hardcopy printout of the Program Element Table. Pressing RETURN will then return to the ACTIVITY FILE SYSTEM TABLES UPDATE MENU.

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Selecting option '02 from the Activity File System Tables Update Menu results in the following display:

```
*** Update Functional Commander Table ***                031982 S: 0
                Enter Desired Option:

OPTION ! Description of Options
  1 ! Update Items in the table
  2 ! Print the table
  99 ! Return to Update Tables Menu
```

Selecting option 1 from the Update Functional Commander Table will cause the following display to appear:

```
*** Functional Commander Input/Edit Program ***          031982 S: 0
!
! Table of Functional Commanders and Subheads
!
( 1) ! AFSC          6289 ! NETSCPAC    6287 !
( 2) ! CNATRA       6282 ! NTEC      6287 !
( 3) ! CNET         6281 ! PGSCHL    6289 !
( 4) ! CNETFIPC     6281 ! ROTC      6289 !
( 5) ! CNTECHTRA    6284 ! TAEG      6287 !
( 6) ! COMTRALANT   6286 !
( 7) ! COMTRAPAC    6288 !
( 8) ! DANTES       6287 !
( 9) ! DRMEC        6289 !
(10) ! JROTC        6289 !
(11) ! MIISA        6287 !
(12) ! NETPDC       6287 !
(13) ! NETSCLANT    6287 !
!
!
Enter Option (RECALL, RETURN, line #, 0-Save, P-Print):
```

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The user may now input or modify any table entry by entering the desired line number. The prompt line options are described in section II under Edit Options. Pressing RECALL will return the program to the ACTIVITY FILE SYSTEM TABLES UPDATE MENU.

Selecting option 2 from the Update Functional Commander Table Menu will generate a hardcopy printout of the Functional Commander Table. Pressing RETURN will then return to the ACTIVITY FILE SYSTEM TABLES UPDATE MENU.

CAMPRS BILLET FILE MENU (CAMPRS MASTER MENU OPTION '01). Selecting option '01, CAMPRS BILLET FILE MENU, from the CAMPRS MASTER MENU will cause the system to display:

```
CAMPRS BILLET FILE MENU
-----
'FN - Operation
-----
'00 - BILLET FILE ADD/UPDATE PROGRAM
'01 - BILLET FILE DELETE PROGRAM
'02 - BILLET FILE DUPLICATE PROGRAM
'03 - BILLET FILE REPORT MENU
'04 - BILLET FILE PARTS I & II BLANK FORMS PROGRAM
'05 - BILLET FILE CIVILIAN INPUT FORMS PROGRAM
'11 - CAMPRS MASTER MENU

Please touch the special function key corresponding to the desired
operation.
```

The CAMPRS BILLET FILE MENU enables the user to maintain the data for all billet file records (Civilian, Officer, and Enlisted) contained in the system. Data can be added or modified through use of options '00, '01, and '02. Reports can be printed of the data in various formats by use of option '03. Printouts can be obtained of blank forms to aid in preparing data for entry by use of options '04 and '05. Figure 4 shows the various options available.

OPTION '00, BILLET FILE ADD/UPDATE PROGRAM. Selecting option '00 from the BILLET FILE MENU will cause the following display to appear:

```
CAMPRS BILLET FILE EDIT PROGRAM

FILES TO BE EDITED

1.  CIVILIAN
2.  ENLISTED
3.  OFFICER

9.  RETURN TO BILLET MENU

ENTER NUMBER OF FILE TO EDIT #
```

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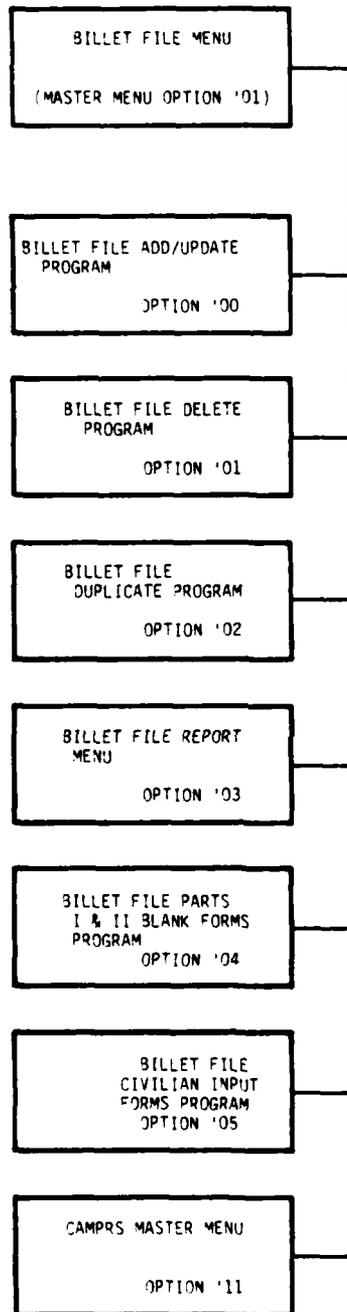


Figure 4. CAMPRS Billet File Menu

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The user must specify whether the record to be edited is a Civilian, Enlisted, or Officer record. In all cases, the program then asks for a description of the operation to be performed. The following screen is displayed:

CAMPRS BILLET FILE EDIT PROGRAM	
OPTION NO.	DESCRIPTION
1	ADD A MANPOWER RECORD
2	EDIT A MANPOWER RECORD
3	PRINT UIC TOTAL ON SCREEN
9	RETURN TO FILE SELECTION MENU

ENTER DESIRED OPTION #

Selecting option 1 or 2, Add or Edit a Manpower Record, will produce the following screen:

CAMPRS BILLET FILE EDIT PROGRAM	
Civilian Input Mode	
Enter UIC of record you wish to update #####	
Enter Billet Sequence Code of record you wish to update	

Entering an existing UIC and a BSC will cause the record specified to be displayed on screen in the following format:

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```

1  UIC 00062 BSC 00035 PE/RS 85798 V TITLE EDUC SPEC FILE C
  AG/SAG MGEO DATE REVIEWED/REVISED 011582

2  REC TYPE B ACTN ORG TYPE EFF DATE AOC 1 PFAC
  SFAC
3  GR/RATE/PS F HS 1 PNOBC/NEC/PPLN GS PSSP/OCC SER 01710
4  PAGD GR 12 UTIL BOC TAB MP PREV BSC ME
5  BA 1 BP SNOBC/NEC SSSP SAGD
6  FUND 1 LANG MS PREV UIC SI 0 CSR 1

  PLANNED AUTHORIZATIONS MOBILIZATION REQUIREMENTS
  CY FY1 FY2 FY3 FY4 FY5 FY6 S/R M+1 M+2 M+3 M+6 M+12
7  1 1 1 1 1 1 1 8 0 0 0 0 0 0

          **** ADDITIONAL CNET DATA ELEMENTS ****
9  INSTRUCTOR PLOWBACK GAP N33 CODE
10 CA - FUNC CAT CODE A100 BASIS PRF CODE FY PRF APP FY NXT REV
11 ORGANIZATION CODE OOA 12 WKYR EQUV 13 ACTIVITY PRIORITY
ENTER ROW NUMBER TO EDIT, 0 TO SAVE, A TO ABORT, P TO PRINT, RETURN FOR FIRST
SECONDARY RECORD, S### TO SPECIFY SECONDARY RECORD, N FOR NEXT PRIMARY ####

```

The user may now input data in add mode or modify data in update mode. The various options (Zero-"0" to Save, "A" to Abort, and "P" to Print) are described in section II under Edit Options. The user can display the first secondary record associated with this primary by pressing RETURN, or any specific secondary by entering S and the number of the secondary desired. The secondary will be displayed on a screen similar to the following:

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```

                                INDIVIDUAL BILLET FILE RECORD
1  UIC  00062   BSC  00035   BILLET NUMBER  001
2  VACANT (Y/N):                                FULL PERFORMANCE/TRAINEE (F/T):  F
3  CIVILIAN:    PAY PLAN  GS  OCC SERIES  01710  PAY GRADE  12
4
                                ACTUAL GRADE                                PMP GRADE
5  EMPLOYEE TYPE                                EMPLOYEE CLASSIFICATION (Y/N)
   1-FTP  2-FTT  3-PTP  4-PTT  MNGR.  SUPV.  PROFL.  TECHL.  SECRTRY  CLERICAL
   TYPE (1-4)?  1                                N      N      Y      N      N      N
6  MILITARY:  DESIGNATOR/GRADE OR RATE
7  EEO:  SEX  2   RACE  5                                ETHNIC GROUP
   1-M     1-AM  INDN/ALSKN  4-HISPANIC  1-MEXICO     4-CNTL/SOUTH AMERICA
   2-F     2-ASIAN/PACIFIC  5-WHITE    2-PUERTO RICO  5-SPAIN
   3-BLACK 3-BLACK          3-CUBA     6-OTHER HISPANIC
ENTER ROW NUMBER TO EDIT, O-SAVE, A-ABORT, P-PRINT, D-DUPLICATE, RETURN FOR NEXT
RECORD, B TO RETURN TO PRIMARY RECORD, S TO SELECT A SECONDARY RECORD ####

```

If a secondary is specified which does not exist, the user is given the option of creating one. The following screen is displayed:

```

                                The Secondary record you asked for does not exist
                                Do you wish to add one (Y/N)? #

```

If the user enters Y for yes, the program asks for the billet number, and then displays the following format screen, allowing entry of data to create the new secondary record:

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INDIVIDUAL BILLET FILE RECORD

1 UIC 00062 BSC 00035 BILLET NUMBER 000
2 VACANT (Y/N) FULL PERFORMANCE/TRAINEE (F/T): F
3 CIVILIAN: PAY PLAN GS OCC SERIES 00318 PAY GRADE 05
4 ACTUAL GRADE PMP GRADE
EMPLOYEE TYPE EMPLOYEE CLASSIFICATION (Y/N)
1-FTP 2-FTT 3-PTP 4-PTT MNGR. SUPV. PROFL. TECHL. SECTRY CLERICAL
5 TYPE (1-4)? 1
6 MILITARY: DESIGNATOR/GRADE OR RATE
7 EEO: SEX RACE ETHNIC GROUP
1-M 1-AM INDN/ALSKN 4-HISPANIC 1-MEXICO 4-CNTL/SOUTH AMERICA
2- F 2-ASIAN/PACIFIC 5-WHITE 2-PUERTO RICO 5-SPAIN
3-BLACK 3-CUBA 6-OTHER HISPANIC
ENTER ROW NUMBER TO EDIT, O-SAVE, A-ABORT, P-PRINT, D-DUPLICATE, RETURN FOR NEXT
RECORD, B TO RETURN TO PRIMARY RECORD, S TO SELECT A SECONDARY RECORD ####

If the user enters N for no, the program redisplay the primary record and the editing procedure may be continued. After completing entries and saving this record, the user is given the option of pressing the 'FN key to return to the UIC entry screen or pressing any other key to continue with the record. When the UIC entry screen is displayed, pressing RETURN without entering a UIC will return the user to the CAMPRS BILLET FILE EDIT PROGRAM Menu.

Selecting option 3, Print UIC Total On Screen, from the CAMPRS Billet File Edit Program Menu produces the following display:

PRINTING PLANNED AUTHORIZATION UIC TOTALS

Please enter UIC you want totalled

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Selecting option '08, Sort and Print General Information Report - Any Order, from the BILLET FILE REPORT MENU enables the user to design his own report. The user selects the data elements to be printed, as well as the sort order and any desired restrictions on the data fields. A detailed description of the sort, print and report definition specifications can be found in section II, under Print Options. Some examples of the reports that can be generated by this option are contained in appendix C.

Selecting option '09, Input/Edit Sort Fields File Program, from the report menu allows the user to keep a table of all the available sort fields. These sort fields are used in the reports appended with "any order" on the report menu. It should be noted that only fields which have been entered into the table of available sort fields by use of this option can be used for sorting and printing. The field name is the proper name of the field within its file. For a complete list of field names see appendix B.

The following screen will be displayed:

```
CNET Automated Manpower System: SORT FILE MODE SELECTIONS Release 1.0
-----
Choose mode for input/edit sort file:

(1) Input Mode
(2) Edit Mode
(3) Delete Mode

(9) Return to Report Menu

Enter Option: 9
```


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Once the sort fields have been selected, the user is asked if any restrictions are desired. If the answer is "Yes," the following screen is displayed:

```

CNET Automated Manpower System: PRINT COMMERCIAL ACTIVITIES DATA
-----
Your print out will be ordered in the way you selected your sort fields.
However, you have chosen to restrict your printout to certain items. You may
now choose your restricted values below.

*****
* You may cancel the print operation at any time by touching "CANCEL".*
*****
-----
Field          Range Start Range End          Restricted to:
=====
UIC
AG
SAG
Touch SF Key 04 when finished entering restrictions
    
```

Available restrictions are described in section II, under Print Options. Once the restrictions have been specified, a printout of the Commercial Activities Data Report will be generated. A sample of this report is contained in appendix C.

Selecting option '05, Sort and Print Officer Data for Activity Billet Listing Report, from the BILLET FILE REPORT MENU enables the user to obtain a printed report of the Officer data for an Activity Billet Listing. A sort may be performed on any fields specified by the user in the following screen:

```

N33 ACTIVITY BILLET LISTING SORT SET UP PROGRAM
Enter total number of fields you wish to sort on ##
-----
! Nbr ! Field Description      Sort #  !! Nbr ! Field Description      Sort #  !
-----
! 1 ! UIC                    !! 8 ! Functional Commander  !!
! 2 ! Designator            !! 9 ! Program Element       !!
! 3 ! Billet Sequence Code !! 10 ! AG                    !!
! 4 ! Rank                  !! 11 ! SAG                   !!
! 5 ! SSPEC                 !! 12 ! OPNAV Resource Sponsor !!
! 6 ! PNOBC                 !! 13 ! Resource Sponsor Code !!
! 7 ! PAQD                  !! 14 ! Activity Code         !!
!           !! 15 ! Geographical Code     !!
!           !! 16 ! Subhead               !!
!           !! 17 ! Primary Cog Code      !!
!           !! 18 ! Secondary Cog Code    !!
!           !! 19 ! Activity Name         !!
-----
    
```

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When processing is complete, the table of gapped billets will be printed. A sample of this report is contained in appendix C.

Selecting option '04, Sort and Print CA Data Report from the BILLET FILE REPORT MENU, enables the user to obtain various Commercial Activities Data Reports. The file to be printed is selected with the first screen:

PRINT FILE SELECTION MENU

- (1) CIVILIAN
- (2) OFFICER
- (3) ENLISTED
- (4) ALL OF THE ABOVE
- (5) RETURN TO BILLET FILE MENU

Please enter number of file you wish to print (0 to end selection) #

Then, the fields by which the sort is to be done are selected with the following screen:

CA DATA REPORT SORT SET UP PROGRAM

Enter total number of fields you wish to sort on ##

Nbr	Field Description	Sort #	Nbr	Field Description	Sort #
1	UIC		13	Functional Commander	
2	Billet Sequence Code		14	Program Element	
3	Organization Code		15	AG	
4	Designator/Grade/Rate		16	SAG	
5	Pay Plan		17	OPNAV Resource Sponsor	
6	Occupational Series		18	Resource Sponsor Code	
7	Civilian Grade		19	Activity Code	
8	Functional Category Code		20	Geographical Code	
9	Functional Cat. Subfunction		21	Subhead	
10	Basis Performance Code		22	Primary Cog Code	
11	FY Performance Approved		23	Secondary Cog Code	
12	FY Next Review		24	Activity Name	

N33 GAPPED BILLETS TALLY

Do you want to restrict print to any of these fields #

Nbr	Field Description	Restrict	Nbr	Field Description	Restrict
1	UIC		8	Functional Commander	
2	Designator		9	Program Element	
3	Billet Sequence Code		10	AG	
4	Rank		11	SAG	
5	SSPEC		12	OPNAV Resource Sponsor	
6	PNOBC		13	Resource Sponsor Code	
7	PAQD		14	Activity Code	
			15	Geographical Code	
			16	Subhead	
			17	Primary Cog Code	
			18	Secondary Cog Code	
			19	Activity Name	

After any desired restrictions have been specified, the program proceeds to build the table of gapped billets and the following screen is displayed:

BUILDING TABLE OF GAPPED BILLETS

PROCESSING - OFFICER FILE

Percent of this file completed 21.2%

PRESS ANY KEY TO STOP PROCESSING

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CAMPRS: Special Packages Table		AUG 04 82			
MAX = 30 (0=END) (l## - Load a Package, s## - Save a Package, c - Clear)					
35349	43424				
35973	61339				
42121					
43422					
43423					
##	Package	##	Package	##	Package
1	(default)	5	.unused.	9	.unused.
2	NTEC PKG	6	.unused.	10	.unused.
3	.unused.	7	.unused.	11	.unused.
4	.unused.	8	.unused.	12	.unused.

If the user has previously stored the special package desired, he can now load it. A "c" should be entered to clear the default table (unless, of course, that is the table desired). Then, entering "l" and the number of the desired special package from the directory at the bottom of the screen will load that package. This package can then be used for printing the report or it can be edited and saved.

A new package can be defined by clearing the table (entering a "c"), then entering "s" and the number of some unused package in the directory. The cursor will move down to enable the user to enter a unique name for this package. Then, the cursor will move up to the table to enable the user to enter the UICs desired for that package. Up to 30 UICs may be specified. To end definition of the table, enter "0" in the slot following the last entry. The special package just defined will be saved and, in addition, will be used as the new default package.

It should be noted that "l", "s" and "c" are lower case letters and must be entered in lower case for the program to run correctly. Within the table, the cursor can be moved forwards and backwards by use of SF '11, '12, '13 or '14.

After the special package for the printout has been established, the following screen is displayed:

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Examples of the various reports that are generated by options '00 through '08 are contained in appendix C.

Selecting option '00, Print CNET Manpower Authorization and Management Reports, from the BILLET FILE REPORT MENU enables the user to print the CNET Manpower Authorization Report or the CNET Manpower Management Report. The user selects the desired format with the following screen:

CAMPRS REPORT SELECTION MENU	
1.	Report Format #1 - PART I CNET MANPOWER AUTHORIZATION REPORT
2.	Report Format #2 - PART II CNET MANPOWER MANAGEMENT REPORT
9.	Return to Billet File Menu
Enter Number of Report You Wish to Print #	

The user next selects the file to be printed:

PRINT FILE SELECTION MENU	
(1)	CIVILIAN
(2)	OFFICER
(3)	ENLISTED
(4)	ALL OF THE ABOVE
(9)	RETURN TO BILLET FILE MENU
Please enter number of file you wish to print (0 to end selection) #	

The next screen enables the user to specify a range of keys to be printed and various record selection criteria (restrictions on given fields):

CAMPRS BILLET FILE REPORT MENU

'FN - Operation

- '00 - PRINT CNET MANPOWER AUTHORIZATION AND MANAGEMENT REPORTS
- '01 - PRINT CNET MANPOWER AUTH. & MGMT REPORTS BY UIC PACKAGES
- '02 - SORT AND PRINT CNET MANPOWER AUTH. & MGMT REPORTS - ANY ORDER
- '03 - PRINT GAPPED BILLET TOTALS REPORT
- '04 - SORT AND PRINT CA DATA REPORT
- '05 - SORT AND PRINT OFFICER DATA FOR ACTIVITY BILLET LISTING REPORT
- '06 - SORT AND PRINT EQUAL EMPLOYMENT OPPORTUNITY REPORT - ANY ORDER
- '07 - SORT AND PRINT INDIVIDUAL BILLET INFORMATION REPORT - ANY ORDER
- '08 - SORT AND PRINT GENERAL INFORMATION REPORT- ANY ORDER
- '09 - INPUT/EDIT SORT FIELDS FILE PROGRAM
- '11 - CAMPRS BILLET FILE MENU

Please touch the special function key corresponding to the desired operation

Options '00 through '08 give the user the ability to print a wide variety of reports, with the format, contents and order of these reports totally specified by the user at the time the report is generated.

There are a few standard user aids which are provided in each of these print programs. When entering fields, once all desired entries have been made, pressing SF '04 (END) will enable the user to skip over any remaining fields without having to press RETURN for each one. If a user enters one of these programs inadvertently, or changes their mind before printing begins, pressing SF '31 will abort to the BILLET FILE REPORT Menu. Once printing begins the user receives a message on screen:

PRESS ANY KEY TO STOP PRINTING

If a key is pressed and printing has halted, the following message is displayed:

PRINTING HALTED - PRESS A TO ABORT, C TO CONTINUE

Pressing "C" will resume the printout from the point at which it was interrupted. Pressing "A" will abort to the BILLET FILE REPORT Menu.

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Selecting option 1, 2, or 3 from the CAMPRS Billet File Duplicate Program will result in the following display:

```
CAMPRS BILLET FILE DUPLICATE PROGRAM

Enter range of records to duplicate information in: (RETURN if done)

Starting UIC / BSC: #####
Ending   UIC / BSC:

Choose fields to duplicate and give your chosen field a value (0 if done)

1   Program Element
2   AG/SAG
3   CA Code
4   Resource Sponsor
5   CA Basis of Performance

Enter the number of the field to duplicate
```

On completion of the duplicate operation, the user is returned to the above screen and another duplication can be selected. Pressing RETURN without entering a value for the starting UIC/BSC will return the program to the CAMPRS Billet File Duplicate Program menu.

OPTION '03, BILLET FILE REPORT MENU. Selecting option '03 from the BILLET FILE Menu will enable the user to print reports in various formats, and to sort and print reports in any desired order. The following screen will be displayed:

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CAMPRS BILLET FILE DELETE PROGRAM

Secondary Records - Delete Mode

Enter UIC of records you wish to delete #####

Enter Billet Sequence Code of records you wish to delete

Enter BSC number of record you wish to begin deleting

Enter BSC number of record you wish to end deleting

For the Delete Secondary Billet File Records option, it is necessary to specify not only the UIC and BSC, but also the range of BSC numbers (secondary record numbers) to be deleted. All records within the specified range will be deleted.

OPTION '02 BILLET FILE DUPLICATE PROGRAM. Selecting option '02 Billet File Duplicate Program, from the BILLET FILE MENU will enable the user to assign a specific value to a field and duplicate that value in the given field for records in a given range. (For example, it can be specified that all records starting with UIC "35349" and BSC "00001" and ending with UIC "35349" and BSC "99999" are to have AG/SAG "M6MN".) The following screen will first be displayed:

CAMPRS BILLET FILE DUPLICATE PROGRAM

FILES TO BE DUPLICATED FROM

1. CIVILIAN
2. ENLISTED
3. OFFICER

9. RETURN TO BILLET MENU

ENTER NUMBER OF FILE TO DUPLICATE IN #

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CAMPRS BILLET FILE DELETE PROGRAM	
OPTION NO.	DESCRIPTION
1	DELETE PRIMARY BILLET FILE RECORDS
2	DELETE SECONDARY BILLET FILE RECORDS
9	RETURN TO FILE SELECTION MENU

ENTER DESIRED OPTION #

Selecting option 1 from this menu causes the following display:

CAMPRS BILLET FILE PRIMARY/SECONDARY DELETE MODE	
Delete Mode	
Enter UIC of record you wish to delete #####	
Enter Billet Sequence Code of record you wish to start deleting	
Enter Billet Sequence Code of record you wish to end deleting	
Note: Deleting a primary record will automatically delete all associated secondary records.	

Upon entering the desired UIC and the starting and ending Billet Sequence Codes, all primary and secondary records that fall in the specified range will be deleted.

Selecting option 2 from the CAMPRS BILLET FILE DELETE Menu causes the following display:

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After the user enters the UIC to be totalled, the program computes the authorization totals for the current year and the six succeeding years and displays the totals on the screen:

PRINTING PLANNED AUTHORIZATION UIC TOTALS						
Please enter UIC you want totalled 42121						
! FY 82 !	! FY 83 !	! FY 84 !	! FY 85 !	! FY 86 !	! FY 87 !	! FY 88 !
!-----!	!-----!	!-----!	!-----!	!-----!	!-----!	!-----!
! 480 !	! 475 !	! 475 !	! 475 !	! 475 !	! 475 !	! 475 !

The cursor then returns to the UIC entry line. If another UIC is to be totalled, the user enters it and the program proceeds with the calculation. To exit to the CAMPRS BILLET FILE EDIT MENU, press RETURN without entering another UIC.

OPTION '01, BILLET FILE DELETE PROGRAM. Selecting option '01 from the BILLET FILE MENU will cause the following display to appear:

CAMPRS BILLET FILE DELETE PROGRAM	
FILES TO BE DELETED FROM	
1.	CIVILIAN
2.	ENLISTED
3.	OFFICER
9.	RETURN TO BILLET MENU
ENTER NUMBER OF FILE TO DELETE FROM #	

Selecting option 1, 2, or 3 from the CAMPRS BILLET FILE DELETE PROGRAM will result in the following display:

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After choosing the mode, Option 1, 2, or 3, a screen similar to the following will appear:

CNET Automated Manpower System: INPUT/EDIT SORT FIELDS								Release 1.0
MODE:EDIT			Note: Type is 0=none 2=sum 1=count 3=count, mean					
Name	Long Title	Row 1	Short Titles		SOS()		Type	
			Row2	Row3	Pos	Len		
1	ACT NAME		ACTIVITY	NAME	320	24	0	
2	AG			AG	354	2	0	
3	AUTH GR		ATH	GRD	469	2	3	
4	BLT TILI		BILLET	TITLE	124	20	0	
5	BLT TIL2		BILLET	TITLE	144	20	0	
6	BOC		BOC	GROUP	164	3	0	
7	BSC NUMBR		BSC	NBR	476	3	0	
8	BSC	BILLET SEQ CODE	SEQ	CODE	167	5	0	

ENTER: LINE NUMBER, N for more fields, P for previous fields, E to exit,
F for first 8 fields

If this option is being used to input new fields to sort by, option 1, it will be necessary to contact TAEG programming personnel to verify field position and length. Appendix D contains the data file documentation which will be required.

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If the delete mode, option 3, is selected, the same screen as above is shown with the following message displayed at the bottom of the screen:

```
***** ENTER LINE NUMBER TO DELETE *****
```

The specified line number will then be deleted. After editing the sort fields, the program returns to the BILLET FILE REPORT MENU.

OPTION '04, BILLET FILE PARTS I & II BLANK FORM PROGRAM. Selecting option '04 from the Billet File Menu results in the following display:

```
CAMPRS BILLET FILE FORM PRINT PROGRAM
```

```
FORMS AVAILABLE
```

1. PART I - CNET MANPOWER AUTHORIZATION REPORT
2. PART II - CNET MANPOWER MANAGEMENT REPORT

9. RETURN TO BILLET MENU

```
ENTER NUMBER OF FORM TO PRINT #
```

This option enables the user to print blank forms for the CNET Manpower Authorization Report and the CNET Manpower Management Report. Examples of these two report forms may be found in appendix C.

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OPTION '05, BILLET FILE CIVILIAN INPUT FORMS PROGRAM. Selecting option '05 from the Billet File Menu results in the following display:

```

                                CAMPRS CIVILIAN INPUT FORM PROGRAM

FORMS AVAILABLE

    1.  PRIMARY BILLET DATA
    2.  INDIVIDUAL BILLET INFORMATION

    9.  RETURN TO BILLET MENU

ENTER NUMBER OF FORM TO PRINT #
```

This option enables the user to print blank civilian input forms for primary billet data or for individual billet information. Examples of these two forms may be found in appendix C.

CAMPRS SPECIAL SUPPORT (CAMPRS MASTER MENU OPTION '02)

Figure 5 shows the options available to the user of the CAMPRS Special Support Menu.

Selecting option '02, CAMPRS SPECIAL SUPPORT, from the CAMPRS MASTER MENU results in the following display:

CAMPRS SPECIAL SUPPORT MENU	
'FN	Operation
'00	- Put Highest Secondary Record No. in Primary Record
'01	- Count Functional Commander Records
'02	- Check Integrity of Data Files
'03	- Generate CAMPRS Update Disk
'04	- Update Master Data Files From Update Disk
'05	- Generate Civilian Position File Update Tape
'06	- List Secondary Records Without Primary Records
'07	- Move Plan Authorizations Over for a New Fiscal Year
'08	- Run a Special Applications Program
'11	- CAMPRS Master Menu

Please touch the special function key corresponding to the desired operation

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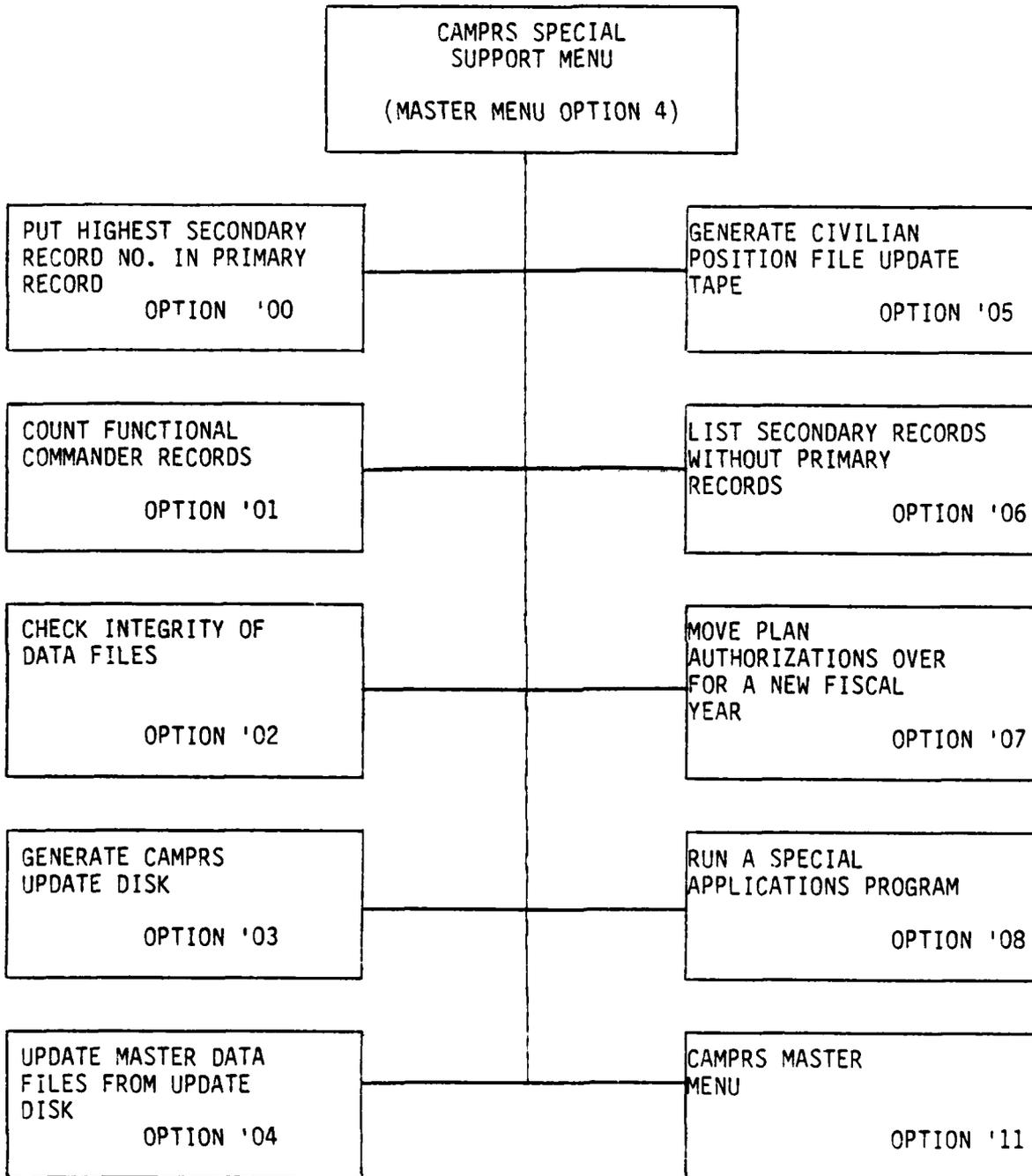


Figure 5. CAMPRS Special Support Menu

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OPTION '00, PUT HIGHEST SECONDARY RECORD NO. IN PRIMARY RECORD. Selecting option '00 from the CAMPRS Special Support Menu, allows the user to update the primary records after secondary records have been written, making certain each primary reflects the highest secondary record number in existence for that primary. The following display will appear:

```
CAMPRS BILLET FILE HIGH NUMBER PROGRAM

FILES TO BE PROCESSED

1.  CIVILIAN
2.  ENLISTED
3.  OFFICER

4.  ALL FILES

9.  RETURN TO BILLET MENU

ENTER NUMBER OF FILE TO BE PROCESSED
```

After selecting the file to be processed, the following is displayed:

```
ENTER STARTING UIC-BSC-BNR OR RETURN TO START AT THE BEGINNING -
```

Once the starting key is chosen, the program begins processing. This option moves through the primary and secondary files finding the secondary record with the highest billet sequence code number (secondary record number) for its corresponding primary record and saving that number in the primary record.

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OPTION '01, COUNT FUNCTIONAL COMMANDER RECORDS. Selecting option '01 from the CAMPRS Special Support Menu will cause the system to display:

```
*** COUNTING F/CDR RECORDS ***

OPTION          FUNCTIONAL COMMANDER

1              CNTECHTRA
2              CNATRA
3              COMTRAPAC
4              NTEC
5              NTC ORL
6              NTC GL

ENTER THE NUMBER FOR DESIRED F/CDR - ?
```

This subsystem enables the user to monitor by Functional Commanders the number of records currently in the file. The record count will be displayed on screen. A hardcopy printout will be made of the number of records, broken down by file type, for the given Functional Commander.

OPTION '02, CHECK INTEGRITY OF DATA FILES. Selecting option '02 from the CAMPRS Special Support Menu will cause the following screen to appear:

```
*** CHECKING FILE INTEGRITY ***

ENTER FILE NAME FOR FILE TO BE CHECKED (OR RETURN) -
```

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This program will check the integrity of the data file specified by the user. The file name must be entered exactly as it appears on the list of file names in appendix E. The program will ask for the disk address of the file and the printer address for the printout. After the user enters this information, processing begins. The first screen displayed will be similar to the following:

```
KEY LENGTH = 10  GROSS KEY LEN = 10  FINE KEY LEN = 13  FIS/BUCKET = 1
REC/BLOCK = 1  NO. OF BUCKETS = 3  VOL 1 BUCKET LEN = 20
SECTORS/REC LEN = 1  REC/BUCKET = 18  UNCOMP REC LEN = 299
COMPRESSED NUM = 114  NO. OF COMP U/C = 0  COMPRESSED LEN = 243
TOUCH ANY KEY TO CONTINUE
```

This screen is for the use of the programmer. Ordinarily the user will touch any key to continue. This produces the following format screen:

```
CHECKING FILE - CAM*POBF
```

```
ACTIVE REC = 47
** DONE ** - TOUCH ANY KEY TO CONTINUE
```

If there are any bad records, a printed error list will be obtained on the line printer. After completion of processing, the user is requested to touch any key to continue. This will return the program to the file name entry screen. Then, pressing RETURN without entering a file name will return the program to the CAMPRS SPECIAL SUPPORT Menu.

OPTION '03, GENERATE CAMPRS UPDATE DISK. Selecting option '03 from the CAMPRS Special Support Menu will enable the user to generate a CAMPRS update disk to be sent from the Functional Commanders to update the CNET master disk. The first screen to be displayed asks for the date of update:

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* * CAMPRS DISK UPDATE COUNT * *

=====

Please enter date of update (mmddy):

After entering the date of update, the following display will appear:

* * CAMPRS DISK UPDATE COUNT **
=====

CAM*ACTV -----	CAM*PCBF -----	CAM*POBF -----	CAM*PEBF -----
	CAM*SCBF -----	CAM*SOBF -----	CAM*SEBF -----

Processing File: CAM*PCBF
Processing Record No. 0

The program will process all records on the Functional Commander disk, counting all those which were updated after the specified date of update. Once the count is completed, a screen will appear informing the user of the number of sectors required for each file's update disk (six sectors/file are required for "housekeeping," even if there are no update records in that file). The total number of sectors required are indicated, to aid the user in selecting the output disk to be used. The address for each output disk is required, and the user can enter "000" for that address if an output disk is not desired for any file(s). (The list of file names can be found in appendix E.)

Once processing is complete a screen similar to the following will be displayed:

CAMPRS: GENERATE UPDATE DISKS				Release 1.0			
	File 1	File 2	File 3	File 4			
Data File Name	! CAM*DLET	! CAM*ACTV	! CAM*PCBF	! CAM*POBF	!	!	!
Update File Name	! CAM*DLET	! CAM*ACTV	! CAM*PCBF	! CAM*POBF	!	!	!
Records/Sectors Required	! 30/ 6!	! 0/ 6!	! 36/ 42!	! 2/ 8!	!	!	!
Disk Address Vol. 1	! /	! /	! /	! /	!	!	!
Sectors Avail/Desired Vol. 1	! /	! /	! /	! /	!	!	!
Disk Address Vol. 2	! /	! /	! /	! /	!	!	!
Sectors Avail/Desired Vol. 2	! /	! /	! /	! /	!	!	!
	File 5	File 6	File 7	File 8			
Data File Name	! CAM*PEBF	! CAM*SCBF	! CAM*SOBF	! CAM*SEBF	!	!	!
Update File Name	! CAM*PEBF	! CAM*SCBF	! CAM*SOBF	! CAM*SEBF	!	!	!
Records/Sectors Required	! 0/ 6!	! 20/ 11!	! 1/ 6!	! 0/ 6!	!	!	!
Disk Address Vol. 1	! /	! /	! /	! /	!	!	!
Sectors Avail/Desired Vol. 1	! /	! /	! /	! /	!	!	!
Disk Address Vol. 2	! /	! /	! /	! /	!	!	!

88 sectors total necessary for output disk(s).
Counting is completed. Press 'RETURN' to proceed, SF '31 to abort.

(Because of sectors required by the disk for overhead, the sector totals may disagree by a few sectors. The number displayed in the "sectors total necessary for output disk" message is the number of sectors needed to generate all the updates on a single disk.)

Pressing RETURN changes the message at the bottom of the screen to the following:

Enter address for indicated output disk. Enter '000' if output not desired.

The cursor will be in position for entry of the first output disk address. After each output disk is specified, the following message is displayed at the bottom of the screen.

Attention! Please mount output disk on drive /D30 then touch 'RETURN'.

Mounting the disk and touching return enables the program to display the number of sectors available on that disk.

The user is then given an opportunity to scratch the disk. The following message appears:

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Attention! Do you wish to scratch disk /D30 (Y/N)

Pressing "N" causes the program to continue defining the output disks.
Pressing "Y" causes the following message to be displayed:

Last chance! Is this what you really want? (Y/N)

A "Y" will cause the program to ask:

Please enter number of index sectors and end of the catalog.

Since extreme caution should be used in scratching a disk, the program provides for one last chance. The bottom of the screen will display the following message:

Attention! Are you sure you want to scratch this disk!!! (/D30) (Y/N)

Entering a "Y" will cause the disk to be scratched. Entering an "N" will cause the program to return to allow the user to specify the next output disk.

At any time, if changes are required on a previously entered value for disk address or sectors desired, SF keys '11, '12, '13, and '14 can be used to move the cursor forward or backward to make the desired changes.

Provision is also made for an output file to span more than one volume, if desired. The disk address and the number of sectors to be used on each volume are specified by the user.

After all output disks are defined the following message appears:

Last chance! Is this what you really want? (Y/N)

Entering "N" will allow the user to go back and redefine the output disks.

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Entering "Y" will enable the program to proceed with the update disk generation. The user will be asked to mount each update disk in turn. When all specified update disks have been completed, the following message will be displayed:

End of update. Touch any key to return to menu.

Touching any key will return the program to the CAMPRS Special Support Menu.

OPTION '04, UPDATE MASTER DATA FILES FROM UPDATE DISK. Selecting option '04 from the CAMPRS Special Support Menu will enable the user to update his master data file disk from the update disks generated by activities lower in the hierarchy, which feed data in to a master data file. The following screen is displayed:

CAMPRS DATA FILES UPDATE PROGRAM

MOUNT UPDATE DISK IN APPROPRIATE DRIVE

If you have more than one volume of update data files, be sure to mount the volume with the delete file first (CAM*DLET). If your delete file spans more than one volume, mount the volume with ONLY the delete file first.

Enter the disk address of your update disk.

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It is very important to mount the volume containing the delete file (CAM*DLET), before any update files are mounted. If the delete file spans more than one volume, the volume containing only the delete file must be mounted first. This ensures that if a record is deleted and then re-added, that it is done in that order and not updated and then deleted.

After mounting the update disk, the user is asked to enter its disk address. The update is then processed. After each disk is updated, the program will return to this screen. The user will again be asked to mount the update disk and enter the disk address. If the last update has been completed, leaving the disk address blank and pressing RETURN will cause the program to exit to the CAMPRS Special Support Menu.

OPTION '05, GENERATE CIVILIAN POSITION FILE UPDATE TAPE. Selecting option '05 from the CAMPRS Special Support Menu will enable the user to generate the civilian position file update tape. This tape is sent, by CNET, to OP-121 with the update data for the civilian position file. The first screen to be displayed is the Civilian Position File Update Tape Menu:

CIVILIAN POSITION FILE UPDATE TAPE MENU

'FN	Operation
'00	- Generate Civilian Position File Update Tape
'01	- Print Civilian Position File Update Tape
'11	- CAMPRS Special Support Menu

Please touch the special function key corresponding to the desired operation

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Selecting option '00 Generate Civilian Position File Update Tape, from this menu produces the following screen:

CIVILIAN POSITION UPDATE FILE - TAPE PROGRAM

Enter the starting date to write to tape (mmddy) 000000
Enter the ending date to write to tape (mmddy) 999999

Enter the Transaction Number (obtain from OP-121C9)

The user is asked to specify the starting and ending dates to write to tape and the transaction number, which is obtained from OP-121C9. The program will then proceed to generate the update tape. On completion of processing, the following display will appear on screen:

Program completed. Touch RETURN to continue.

On touching RETURN, the tape will be rewound and the program will return to the Civilian Position File Update Tape Menu.

Selecting option '01, Print Civilian File Update Tape, from the Civilian Position File Update Tape Menu enables the user to obtain a printout of the Civilian Position File update tape. The following screen will be displayed:

CIVILIAN POSITION UPDATE TAPE - PRINT PROGRAM

Please Mount Update Tape . . . ((touch any key to continue))

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Basic I.D.E.A.S. Utilities System: Reconfigure System Device Tables
Release 1.0

Important Note: Before this program is run all of the necessary DATA
FILE DESCRIPTION files must be located on disk
specified below.

New Device Table

#1	/215	System Printer			
#2	/D34	I.D.E.A.S. Applications Programs			
#3	/D34	Application System PROGRAMS Disk (Screen & Report Masks)			
#4	/D34	Application System PROGRAMS Disk (Application Programs)			
#5	/D34	DATA FILE DESCRIPTION Files (of Application DATA Files)			
#6	/D34	Application Data File CAM*PCBF/1/	#####/ /	#####/ /	
#7	/D34	Application Data File CAM*SCBF/1/	#####/ /	#####/ /	
#8	/D32	Application Data File CAM*POBF/1/	#####/ /	#####/ /	
#9	/D30	Application Data File CAM*SOBF/1/	#####/ /	#####/ /	
#10	/D11	Application Data File CAM*PEBF/1/	#####/ /	#####/ /	
#11	/D33	Application Data File CAM*SEBF/1/	#####/ /	#####/ /	
#12	/D31	Application Data File CAM*ACTV/1/	#####/ /	#####/ /	
#13	/D14	Application Data File #####/ /	#####/ /	#####/ /	
#14	/D34	Application Data File #####/ /	#####/ /	#####/ /	
#15	/D34	Application Data File #####/ /	#####/ /	#####/ /	

The user now enters the desired disk addresses for the program and data files. RETURN can be pressed to accept a default address value; RECALL (SF '15) will enable the user to return to a previously specified address field. Once the devices have all been specified in this display, the user is asked:

Are the above addresses correct (Y or N)?

Entering "N" enables the user to go back and re-enter the disk addresses. Entering "Y" will cause the program to reconfigure the CAMPRS device tables as indicated. The program will then return to the CAMPRS: MAINTENANCE SUPPORT SYSTEM MENU. To return to this menu without reconfiguring the device tables, the cursor must be returned to the first address field to be entered (using RECALL to move the cursor back), and SF '31 must be pressed.

CAMPRS: Reference File (option 2) enables a new reference table to be built based on some field specified by the user. The UIC is the most commonly used field; however, any field of five characters or less may be specified. If the selected field has more than five characters, it will be truncated after the first five.

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Selecting the second option, CAMPRS: CNET Automated Manpower System Maintenance Support, and pressing RUN will cause the following screen to be displayed:

```
***** CAMPRS: MAINTENANCE SUPPORT System *****
Select item with SPACE & BACKSPACE.                Partition 6, 56 K
Key RUN to execute, CLEAR or PREV SCRN for previous screen.  Terminal 4

0 CAMPRS: CNET Automated Manpower System
1 CAMPRS: Reconfigure CAMPRS Device Tables
2 CAMPRS: Reference File
3 CAMPRS: Move Data File Records
4 CAMPRS: Purge Data File Records
5 CAMPRS: Initialize CAMPRS DATA FILES
```

This display presents various options to the user that may (or may not) need to be utilized prior to continuing with system operations.

SYSTEM OPTIONS

CAMPRS: CNET Automated Manpower System (option 0) will return the program to the CAMPRS Master Menu.

CAMPRS: Reconfigure CAMPRS Device Tables (option 1) contains the list indicating where all the CAMPRS programs are located. This list should always be checked to ensure all the programs are located at the addresses indicated, otherwise the program will not run correctly. Also, the option must be rerun any time CAMPRS data files are moved from one disk to another.

Selecting option 1 will cause the screen to display:

SECTION IV

CAMPRS MAINTENANCE SUPPORT

The CAMPRS maintenance support system consists of various programs enabling the user to reconfigure the device tables, to build a reference file UIC table, to move or purge data file records, and to initialize the CAMPRS' IDEAS data files. The CAMPRS Maintenance Support System should only be used by the experienced CAMPRS user after obtaining detailed instructions from TAEG personnel.

When the CAMPRS is used for the first time, all of the system data files must be initialized; otherwise, any attempts to use the system will result in an error message. Initialization can be accomplished by either using option 6, CAMPRS: Initialize CAMPRS Data Files, from this system, or option '06, Reinitialize a Data File, from the IDEAS Supplementary Data File Utilities Menu (CAMPRS Master Menu option '03). Once the initialization is completed, the user should return to the CAMPRS Master Menu. The user may now proceed to input, edit or delete data, and to generate reports. This option will not have to be run again during normal operation of the CAMPRS. This option must be re-run, however, if the CAMPRS data files become full.

NOTE: The user would ordinarily run one initialization program or the other depending on whether he was in CAMPRS: CNET Automated Manpower System or CAMPRS: CNET Automated Manpower System Maintenance Support.

The maintenance support system is entered from the very first of the CAMPRS' screens, the DISK PROGRAM SELECTION MENU:

```
***** 2200 VP/MVP DISK PGM SELECTION MENU *****  
  
Select item with SPACE & BACKSPACE                               Partition 6, 56K  
Key RUN to execute, CLEAR or PREV SCRN for previous screen      Terminal 4  
  
. CAMPRS: CNET Automated Manpower System  
# CAMPRS: CNET Automated Manpower System Maintenance Support
```

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CAMPRS DISK START PROGRAM (CAMPRS MASTER MENU OPTION '11)

Selecting option '11 from the CAMPRS Master Menu will cause the program to return to the Disk Program Selection Menu. The following display will appear:

***** 2200 VP/MVP DISK PGM SELECTION MENU *****

Select item with SPACE & BACKSPACE. Partition 6, 56K
Key RUN to execute, CLEAR or PREV SCRN for previous screen Terminal 4

- # CAMPRS: CNET Automated Manpower System
- . CAMPRS: CNET Automated Manpower System Maintenance Support

The system is now available for another user.

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The file that the user has specified is displayed. The user is given an opportunity to change the file name by pressing EDIT and entering the new file name or to exit without performing the initialization by pressing FN'31. If the user has double-checked and does want to proceed with the re-initialization of the file specified, touching RETURN will begin the initialization. The screen display will indicate the progress of the initialization. When the primary data file has been completely initialized, any alternate key files must be processed individually. This is accomplished by selecting FN'00 - FN'15, one for each alternate key file to be initialized. If the primary data file and all the alternate key files are to be reinitialized, this can be indicated by selecting FN'16.

At the completion of the procedure, another file can be selected for reinitialization or FN'31 can be used to return to the IDEAS SUPPLEMENTARY DATA FILE UTILITY MENU.

OPTION '11, CAMPRS MASTER MENU. Selecting option '11 from the IDEAS Supplementary Data File Utility Menu will return the user to the CAMPRS Master Menu.

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After the file name has been entered, the following screen will be displayed:

```
IDEAS Data File Utilities - Data File Initialization Module      Release 1.3
=====
Note:  Initializing file will destroy all data and/or keys currently in the
file.  Touch EXEC to initialize file "CAM*POBF", EDIT for another file,
FN'31 to cancel
EXEC:  Primary file, FN'0 - FN'15:  Alternate key file, FN'16:  All files
shown.

=====
Now Initializing file "      " Initialization is      % complete

Number of buckets in the file =      Now processing bucket number
Number of index sectors/bucket =      Now processing index sector #

=====
EXEC = Primary data file "CAM*POBF"  FN'08 = Alternate key file " "
FN'00 = Alternate key file "      "  FN'09 = Alternate key file " "
FN'01 = Alternate key file "      "  FN'10 = Alternate key file " "
FN'02 = Alternate key file "      "  FN'11 = Alternate key file " "
FN'03 = Alternate key file "      "  FN'12 = Alternate key file " "
FN'04 = Alternate key file "      "  FN'13 = Alternate key file " "
FN'05 = Alternate key file "      "  FN'14 = Alternate key file " "
FN'06 = Alternate key file "      "  FN'15 = Alternate key file " "
FN'07 = Alternate key file "      "  FN'16 = Alternate key file " "
=====
```

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OPTION '06, REINITIALIZE A DATA FILE. Selecting option '06 from the IDEAS Supplementary Data File Utility Menu will enable the user to reinitialize the data files. This may become necessary during normal operation of the CAMPRS if the data file becomes full or if a new set of data is to be input, for example, at the beginning of a new year. It is extremely important, however, that this option be run only by knowledgeable personnel because reinitializing a data file will wipe out all records currently in that file. The following screen first appears:

```
IDEAS Supplementary Utility - Data File Reinitialization Module Release 1.3
=====
Enter file name for data file to be reinitialized
Or '31 to load IDEAS SUPPLEMENTARY DATA FILE UTILITY MENU
File Name = #####
```

The user is asked to enter the name of the data file to be reinitialized. Pressing Special Function Key '31 allows the user to abort to the IDEAS SUPPLEMENTARY DATA FILE UTILITY MENU.

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On completion of processing, the following message will appear at the bottom of the screen:

Attention: Touch, EXEC to return to Supplementary Data File Utility Menu #

Touching RETURN will return the program to the IDEAS Supplementary Data File Utility Menu:

OPTION '01, PROTECT ALL RECORDS IN A FILE. Selecting option 01 from the IDEAS Supplementary Data File Utility Menu will enable the user to protect all the records in the specified file. (These can subsequently be unprotected by use of option '02, Release All Records in a File.) This option will not be needed by the user in normal operation. A description of this option can be found in Wang Laboratories, Incorporated's IDEAS (Inquiry Data Entry Access System) User Manual, Section 9.1.3, Protect All Records in a File.

OPTION '02, RELEASE ALL RECORDS IN A FILE. Selecting option '02 from the IDEAS Supplementary Data File Utility Menu will enable the user to release all the records in a file that has been previously protected. This option will not be needed by the user in normal operation. A description of this option can be found in Wang Laboratories, Incorporated's IDEAS (Inquiry Data Entry Access System) User Manual, Section 9.1.4, Release All Records in a File.

OPTION '03, RECONSTRUCT KEY FILE(S). Selecting option 03 from the IDEAS Supplementary Data File Utility Menu will enable the user to rebuild damaged key files. This option will not be needed by the user in normal operation. A description of this option can be found in Wang Laboratories, Incorporated's IDEAS (Inquiry Data Entry Access System) User Manual, Section 9.1.5, Reconstruct Key File(s).

OPTION '04, CONVERT IDEAS DATA FILE TO WANG TELECOMMUNICATIONS FILE FORMAT. Selecting option '04 from the IDEAS Supplementary Data File Utility Menu will enable the user to convert the IDEAS data files to Wang Standard Telecommunications format for subsequent data transmission. This option will not be needed by the user in normal operation. A description of this option can be found in Wang Laboratories, Incorporated's IDEAS (Inquiry Data Entry Access System) User Manual, Section 9.1.6, Convert IDEAS Data File to Wang Telecommunications File Format.

OPTION '05, CONVERT WANG TELECOMMUNICATIONS FILE TO IDEAS DATA FILE FORMAT. Selecting option '05 from the IDEAS Supplementary Data File Utility Menu will enable the user to convert back to IDEAS data file format any data files previously converted to Telecommunications format. This option will not be needed by the user in normal operation. A description of this option can be found in Wang Laboratories, Incorporated's IDEAS (Inquiry Data Entry Access System) User Manual, Section 9.1.7, Convert Wang Telecommunications File to IDEAS Data File Format.

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OPTION '00, CHECK FILE STATUS. Selecting option '00 from the IDEAS Supplementary Data File Utility Menu will result in the following display:

```
IDEAS Supplementary Utility - Data File Status Review Module  Release 1.3
=====
Enter file name for data file to be reviewed

Or FN'31 - load IDEAS SUPPLEMENTARY DATA FILE UTILITY MENU

File Name = #####
```

This option will allow the user to review the status of any data files contained in CAMPRS. This can be used to obtain important data file status information. For example, this option would be used to determine the number of records in a particular file if the user suspects the file is nearly full. A screen similar to the following will be displayed:

```
IDEAS System Utility - Data File Documentation Module  Release 1.3
=====
File Name: "CAM*POBF"

Number of records specified          7200
Number of records provided           7614
Number of records now used           1358
Number of records available          6344

% Full (as specified)                 17.64
% Full (actual)                       16.68

Number of overflow records            50
Overflow percentage                   3.94

Maximum possible number of records/bucket*  94
Maximum actual current records/bucket      94
Minimum actual current records/bucket      64
Average actual current records/bucket      85

Scanning file - Processing bucket number 16 of 81
```

*A bucket is a sorted group of records and their pointers.

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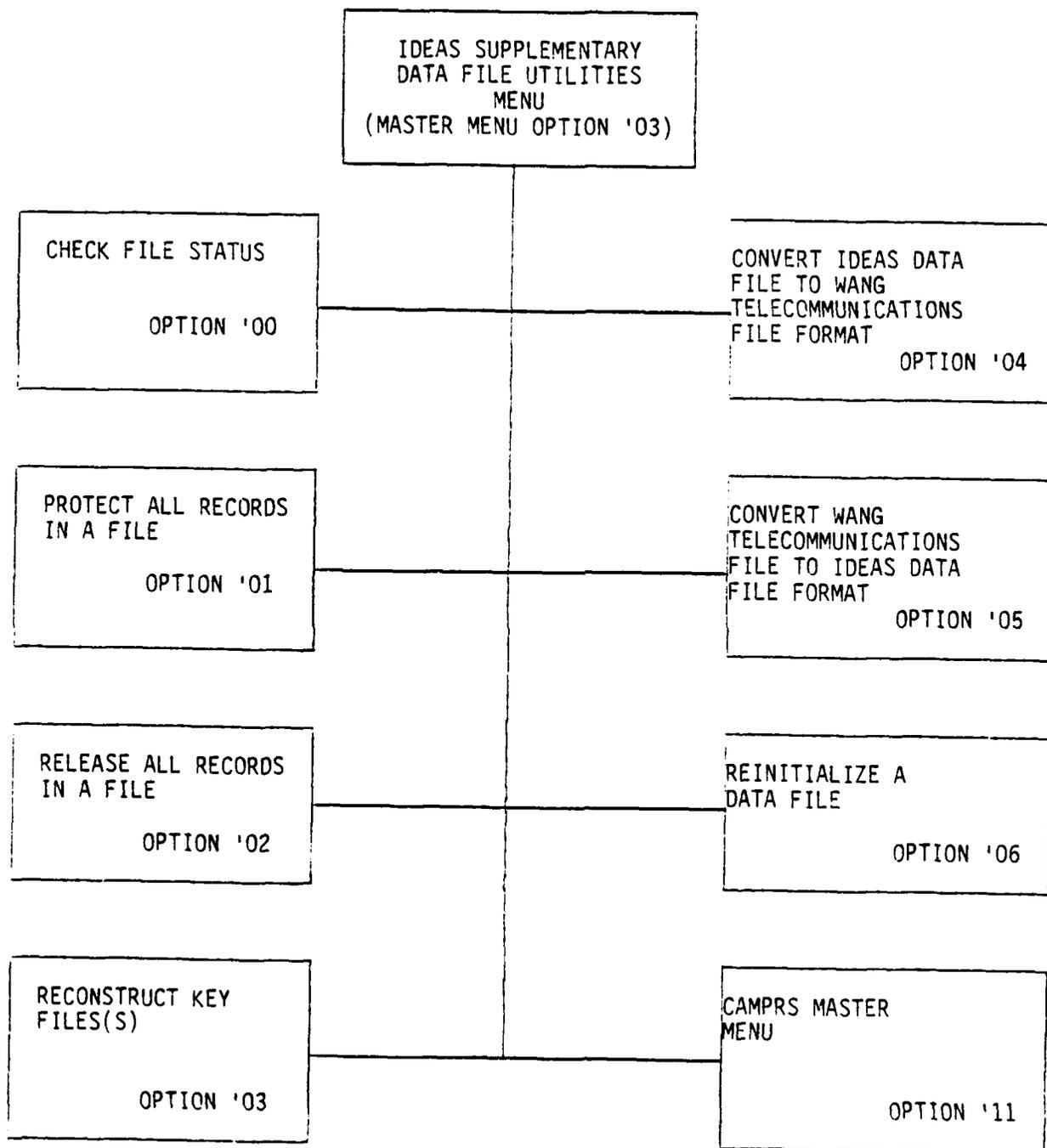


Figure 6. IDEAS Supplementary Data File Utilities Menu

IDEAS SUPPLEMENTARY DATA FILE UTILITIES MENU (CAMPRS MASTER MENU OPTION '03)

The IDEAS Supplementary Data File Utilities consist of a number of programs enabling the user to check file status, protect or release records, reconstruct the key files, convert to or from WANG Standard Telecommunication file format and reinitialize data files. Figure 6 shows the various options available to the user of the IDEAS Supplementary Data File Utility Menu. Only option '00, Check File Status, and option '06, Re-initialize a Data File, will be ordinarily run by a user of the CAMPRS.

Selecting option '03, IDEAS Supplementary Data File Utilities Menu, from the CAMPRS MASTER MENU will cause the screen to display:

```
IDEAS SUPPLEMENTARY DATA FILE UTILITY MENU
=====

'FN Operation
-----

'00 - Check File Status
'01 - Protect all records in a file
'02 - Release all records in a file
'03 - Reconstruct key file(s)
'04 - Convert IDEAS data file to WANG Telecommunications file format
'05 - Convert WANG Telecommunications file to IDEAS data file format
'06 - Reinitialize A Data File
'11 - CAMPRS Master Menu

Please touch the special function key corresponding to the desired
operation.
```

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ENTER STARTING UIC-BSC OR RETURN TO START AT THE BEGINNING -

The file and record number being processed will be displayed on screen. When the last file has been processed the following message will be displayed:

END OF PROCESSING - PRESS ANY KEY TO RETURN TO MENU.

Pressing any key will return the program to the Special Support Menu.

OPTION '08, RUN A SPECIAL APPLICATIONS PROGRAM. Selecting option '08 from the CAMPRS Special Support Menu will enable the user to load and run a special applications program. This option is for use by programming personnel and is ordinarily of no concern to the user of CAMPRS.

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The user can choose to process any one or all files. The next screen will ask for the starting UIC-BSC-BNR to be processed. To start at the beginning, RETURN is pressed without entering a number:

ENTER STARTING UIC-BSC-BNR OR RETURN TO START AT THE BEGINNING -

The file and record number being processed will be displayed on screen and an error report will be printed out for any secondaries found without a primary record. When all processing is completed the user will have the following message displayed on screen:

END OF PROCESSING - PRESS ANY KEY TO RETURN TO MENU.

Pressing any key will return the program to the Special Support Menu.

OPTION '07, MOVE PLAN AUTHORIZATIONS OVER FOR A NEW FISCAL YEAR. Selecting option '07 from the CAMPRS Special Support Menu will enable the user to move the planned authorizations over one year for the new fiscal year numbers. The following screen is displayed:

```
CAMPRS BILLET FILE MOVE PLANNED AUTH. PROGRAM

FILES TO BE PROCESSED

1.  CIVILIAN
2.  ENLISTED
3.  OFFICER

4.  ALL FILES

9.  RETURN TO BILLET MENU

ENTER NUMBER OF FILE TO BE PROCESSED
```

The user can then choose to process any one or all files. The next screen will ask for the starting UIC-BSC to be processed. To start at the beginning, RETURN is pressed without entering a number:

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After completion of the printout, a message will appear:

Program Completed. Touch RETURN TO CONTINUE.

Touching RETURN will rewind the tape and return the user to the CIVILIAN POSITION FILE UPDATE TAPE MENU.

OPTION '06, LIST SECONDARY RECORDS WITHOUT PRIMARY RECORDS. Selecting option '06 from the CAMPRS Special Support Menu will enable the user to obtain a list of any secondary records that are present in the system without an attendant primary. This is a condition that should not exist during normal operation of the system, hence it is necessary to be able to detect any such "orphan" secondaries. The first screen to be displayed is the following:

CAMPRS BILLET FILE LIST SECONDARY PROGRAM

FILES TO BE PROCESSED

1. CIVILIAN
2. ENLISTED
3. OFFICER

4. ALL FILES

9. RETURN TO BILLET MENU

ENTER NUMBER OF FILE TO BE PROCESSED

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Once specified, each table can be given a name and called up as needed for move, merge, or purge operations. Selecting the CAMPRS: Reference File option will cause the following screen to be displayed:

```
Basic I.D.E.A.S. Utilities System: Enter Basic Device Table Release 1.0
```

```
#1 /215 : System Printer
#2 /### : I.D.E.A.S.
#3 /### : Application Masks
#4 /### : Application Programs
#5 /### : Data Description Files
#6 /### : Application Data
#7 /### : Application Data
#8 /### : Application Data
#9 /### : Application Data
#10 /### : Application Data
#11 /### : Application Data
#12 /### : Application Data
#13 /### : Application Data
#14 /### : Application Data
#15 /005 : Reserved
```

All the addresses must be supplied before this program can be run. The default address can be accepted if correct by pressing RETURN. Entering the addresses required will produce the following screen:

```

Basic I.D.E.A.S. Utilities System: Reference File          Release 1.0
=====
Reference File Name:
Notes:
  i. Prefix file name with a "-" to DELETE, or a "/" to RENAME.
  ii. Enter a "o" to return to MAINTENANCE SUPPORT Menu.
=====

UIC:  CNATRA          CAM@cnat  #####  #####  #####  #####
UIC:  CNTECHTRA       CAM@cntt  #####  #####  #####  #####
UIC:  COMTRAPAC       CAM@tpac  #####  #####  #####  #####
UIC:  COMTRALANT      CAM@tInt  #####  #####  #####  #####
UIC:  NTEC            CAM@ntec  #####  #####  #####  #####
UIC:  NTC-Orlando     CAM@orl   #####  #####  #####  #####
UIC:  NTC-G Lakes     CAM@glks  #####  #####  #####  #####
UIC:  NETSCPAC        CAM@nets #####  #####  #####  #####
#####  #####  #####  #####
#####  #####  #####  #####
#####  #####  #####  #####
#####  #####  #####  #####
#####  #####  #####  #####
#####  #####  #####  #####

Default File  *id@DFLT
    
```

From this screen, the reference file can be selected and named. The reference file name(s) may also be modified by using this screen to delete or rename files being used. To specify a new reference file table, the user must enter the appropriate file name (CAM@cnat, CAM@cntt, CAM@tpac, etc.). This will produce a screen similar to the following:

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Basic I.D.E.A.S. Utilities System: Reference File										Release 1.0	
Reference File Name: "CAM@cnat"										page: 1/2	
00204	0407A	30776	35599	42105	43553	63043	U0281	#####	#####	#####	
00216	0410A	30777	35600	42123	43699	63110	#####	#####	#####	#####	
0392A	0411A	30779	35601	42129	43702	66610	#####	#####	#####	#####	
0393A	0432A	30780	35602	42137	43719	66629	#####	#####	#####	#####	
0394A	0614A	30781	35603	42138	43720	67389	#####	#####	#####	#####	
0395A	09177	30784	35659	42332	44014	67441	#####	#####	#####	#####	
0396A	09239	30785	41612	42359	52812	68113	#####	#####	#####	#####	
0397A	09251	30929	41613	42481	52813	68119	#####	#####	#####	#####	
0398A	09278	31463	41743	42482	52814	68217	#####	#####	#####	#####	
0399A	09350	33063	41996	43063	52838	68432	#####	#####	#####	#####	
0400A	30035	33275	42093	43093	52902	68480	#####	#####	#####	#####	
0401A	30037	33276	42094	43094	60234	68599	#####	#####	#####	#####	
0402A	30458	33279	42095	43095	60237	68612	#####	#####	#####	#####	
0403A	30500	33280	42096	43096	60241	T0280	#####	#####	#####	#####	
0404A	30512	33281	42097	43100	60376	T0281	#####	#####	#####	#####	
0405A	30514	33283	42099	43132	60508	T0293	#####	#####	#####	#####	
0406A	30515	35598	42100	43432	62229	T0295	#####	#####	#####	#####	

Options: P-Print; C-Clear; N-Next Page; A-Abort; *-Indirect; O-Save

In this example, CAM@cnat was chosen to be the reference field. This is the CNATRA Functional Commander and, as noted in the previous screen, this is a UIC file. All the UICs presently in the reference table for this Functional Commander are displayed. (It should be noted that reference file *id@DFLT is a Functional Commander file and, if it were selected, in place of the UIC list the user would obtain a list of Functional Commanders. The following screens and options will be basically the same for either type file.)

From the above screen, the user has a number of options. The entries may be modified or deleted. RETURN advances the cursor to the next field, RECALL moves it back to the previous field. Entering "P" and pressing RETURN will yield a hardcopy printout of the screen, entering "C" and RETURN will clear the table, entering "N" and RETURN will display the next page on screen. (If the page currently displayed is the last page, "N" and RETURN will cause the display to return to the first page.) Entering "A" and RETURN allows the user to abort to the reference file selection screen. Entering "O" and RETURN will save the reference file as displayed and return to the file selection screen. To build a reference file on some specified field with specific restrictions, the user should enter "*" and RETURN. This will produce the following screen:


```

Basic I.D.E.A.S. Utilities System: Reference File          Release 1.0
=====
Reference File Name: "CAM@cnat"                          Available Data Files:
Data File to Process: "#####" CAM*PCBF CAM*ACTV #####
Build Reference on:  "#####" CAM*SCBF #####
If "#####" = "#####" CAM*POBF #####
If "#####" = "#####" CAM*SOBF #####
If "#####" = "#####" CAM*PEBF #####
Restart Pointer     "#####" CAM*SEBF #####
Print Frequency Table (Y or N) #

                          Available Fields:
ACT NAME PRICOG          #####
ACTV CODE PROG ELE      #####
AG SAG                   #####
AG NAME SAG NAME        #####
AG/SAG SECCOG           #####
DATE REV SUBHEAD        #####
EFF D WG UIC            #####
F/CDR                   #####
FCC                      #####
GEO CODE                 #####
OPNAV RS                 #####
PE RES C                 #####
    
```

The user can choose any available field to build the reference file on (bearing in mind the five character limitation) and up to three restrictions. For example, a reference file might be built on UIC restricted to the condition "F/CDR" = "CNATRA." This would produce a table of all the UICs belonging to CNATRA. The specified reference file table will be built and stored. It should be noted that the elements of this table will be added to the elements already existing in the reference file named (in this example, CAM@cnat). To replace the old table with the new, the old table should first be cleared using the "C" option in the reference file display screen. Then, the "*" option should be chosen to enter the indirect specification.

If the table building process is interrupted before completion, the Restart Pointer should be recorded. Then, entering that Restart Pointer value will enable the process to resume from where it left off. Otherwise, pressing RETURN accepts the default value which starts the process at the beginning. After the reference file table has been built, the program will return to the first screen of this reference file option and allow the user to specify another file. Entering "0" will return the user to the CAMPRS: MAINTENANCE SUPPORT SYSTEM MENU.

CAMPRS: Move Data File Records (option 3) enables the user to move or merge data records from an activity disk to a Functional Commander disk, or

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from a Functional Commander disk to the larger master disk. Records can be moved in an Add, Replace, or Add/Replace mode.

The first screen to be displayed is the following:

```

Basic I.D.E.A.S. Utilities System: Move Data Records      Release 1.0
=====
Important Note: Before this program is run all of the necessary INPUT
                DATA FILE DESCRIPTION Files must be located on the disk
                specified in device slot #5 below.
=====
Input -- Device Table Specification      "Move Records From File"
=====

#1  /215      System Printer
#2  /###      I.D.E.A.S
#3  /###      Screen & Report Masks
#4  /###      Application Programs
#5  /###      DATA FILE DESCRIPTIONS
#6  /###      Data File(s)          CAM*PCBF/1/      #####/ /
#7  /###      Data File(s)          CAM*SCBF/1/      #####/ /
#8  /###      Data File(s)          CAM*POBF/1/      #####/ /
#9  /###      Data File(s)          CAM*SOBF/1/      #####/ /
#10 /###      Data File(s)          CAM*PEBF/1/      #####/ /
#11 /###      Data File(s)          CAM*SEBF/1/      #####/ /
#12 /###      Data File(s)          CAM*ACTV/1/      #####/ /
#13 /###      Data File(s)          #####/ /      #####/ /
#14 /###      Data File(s)          #####/ /      #####/ /
#15 /005      Reserved              #####/ /      #####/ /
    
```

The user must specify the addresses of all the input files (files to be moved). In this screen, and those to follow, RETURN can be used to move to the next field, CANCEL to move to the previous field, and SF '31 to abort to the CAMPRS MAINTENANCE SUPPORT SYSTEM MENU.

When all the input addresses have been entered, the following screen appears:

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Basic I.D.E.A.S. Utilities System: Move Data Records		Release 1.0
<p>Important Note: Before this program is run all of the necessary INPUT DATA FILE DESCRIPTION Files must be located on the disk specified in device slot #5 below.</p>		
Output -	Device Table Specification	"Move Records to File"
#1	/215 System Printer	
#2	/D11 I.D.E.A.S	
#3	/D30 Screen & Report Masks	
#4	/D30 Application Programs	
#5	/D30 DATA FILE DESCRIPTIONS	
#6	/D30 Data File(s)	CAM*PCBF/1/D10 #####/ /
#7	/D30 Data File(s)	CAM*SCBF/1/D10 #####/ /
#8	/D30 Data File(s)	CAM*POBF/1/D10 #####/ /
#9	/D11 Data File(s)	CAM*SOBF/1/D10 #####/ /
#10	/D11 Data File(s)	CAM*PEBF/1/D10 #####/ /
#11	/D11 Data File(s)	CAM*SEBF/1/D10 #####/ /
#12	/D11 Data File(s)	CAM*ACTV/1/D10 #####/ /
#13	/D11 Data File(s)	#####/ / #####/ /
#14	/D11 Data File(s)	#####/ / #####/ /
#15	/005 Reserved	#####/ / #####/ /

The user must specify all output addresses (addresses of files receiving the records being moved). When these are all entered, the following screen is displayed:

Basic I.D.E.A.S. Utilities System: Move Data Records		Release 1.0
<p>Notes: Reference File Name: *id@DFLT#</p> <p>i. Use "UIC Reference File" option to create a reference file.</p> <p>ii. To use the reference file when moving, on next page, specify the field and enter a blank on the right side of equation.</p>		
UIC: CNATRA	CAM@cnat	#####
UIC: CNTECHTRA	CAM@cntt	#####
UIC: COMTRAPAC	CAM@tpac	#####
UIC: COMTRALANT	CAM@tlnt	#####
UIC: NTEC	CAM@ntec	#####
UIC: NTC-Orlando	CAM@orl	#####
UIC: NTC-G LAKES	CAM@glks	#####
UIC: NETSPAC	CAM@nets	#####
#####	#####	#####
#####	#####	#####
#####	#####	#####

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The user must now select a reference file to use for moving the data records. One of those given on the above screen can be specified, or the user can go back to the reference file option on the CAMPRS: MAINTENANCE SUPPORT SYSTEM MENU and create a new reference file to use.

Once the reference file has been specified, the program will automatically print out that reference file table. It will be similar to the following hardcopy printout:

```
Basic I.D.E.A.S. Utilities: REFERENCE FILE TABLE: CAM@cmtt (for moving
records)

00128 30460 31012 35357 41457 66050 68260 ##### ##### #####
00210 30464 31016 35412 41458 66051 68317 ##### ##### #####
00247 30465 31017 35419 41459 66055 68338 ##### ##### #####
00639 30569 31018 35420 41460 66056 68437 ##### ##### #####
00693 30612 31057 35428 41461 66057 68497 ##### ##### #####
00750 30626 31155 35429 41472 66058 68498 ##### ##### #####
0414A 30627 31156 35430 41576 66059 68552 ##### ##### #####
0580A 30631 31168 35481 41602 66060 68598 ##### ##### #####
0581A 30633 31285 35523 41603 66064 68606 ##### ##### #####
0610A 30634 31460 35686 41609 66065 68632 ##### ##### #####
0612A 30636 31509 35970 41672 66068 68658 ##### ##### #####
```

After the printout is completed the next screen will be displayed:

```

Basic I.D.E.A.S. Utilities System:  Move Data Records          Release 1.0
=====
Selected Reference File "CAM@cntt"  Available Files:
File to be Moved      "CAM*ACTV"  CAM*PCBF CAM*ACTV #####
Restart Pointer "      "          CAM*SCBF #####
IF "UIC      " = "35349          " CAM*POBF #####
IF "UIC      " = "42121          " CAM*SOFB #####
IF "UIC      " = " CAM@cntt      " CAM*PEBF #####
Add/Replace Option  "#####"     CAM*SEBF #####
Reformat File Option "#####"

Available Fields:
ACT NAME PRICOG #####
ACTV CODE PROG ELE #####
AG SAG #####
AG NAME SAG NAME #####
AG/SAG SECCOG #####
DATE REV SUBHEAD #####
EFF D WG UIC #####
F/CDR UIC CMPX #####
FCC UIC SFLG #####
GEO CODE #####
OPNAV RS #####
PE RES C #####
Add/Replace Option: (Add, Add/Replace, Replace)
    
```

The user is now able to enter the file to be moved. Once this file has been specified, the list of available fields for this file will appear. The user can now enter any desired restrictions on the file to be moved. To use the reference file for the move, specify the field on the left side of the equation and enter a blank on the right side. In the example shown, records with the UIC = 35349, 42121, or in the reference file table of CAM@cntt will be moved. The user has the option of Add, Add/Replace, or Replace mode. (Only A, AR, or R, respectively, needs to be entered.) Add will add any record to the output disk that is on the input disk but not present on the output disk. Replace will replace any record on the output disk with the corresponding record from the input disk, but will ignore any record on the input disk which does not have a corresponding record to replace. Add/Replace will perform both these operations.

At the conclusion of the move process, the program will return for the selection of the next file to be moved. When all required files have been moved, pressing SF'31 will allow the user to exit to the CAMPRS: MAINTENANCE SUPPORT SYSTEM MENU.

CAMPRS: Purge Data File Records (option 4) enables the CNET master disk to have its records updated in accordance with the Functional Commander disks, or Functional Commander records to be updated in accordance with the

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activity's records. Contained in the CNET master disk is a table of UICs for each Functional Commander. If a given UIC is in the table for a particular Functional Commander, but that UIC is not on the updated Functional Commander disk, then this program will purge that UIC from the master disk. It should be noted that because of the manner in which this program determines whether a data record is to be purged, this utility cannot be used to delete an entire UIC. If it should become necessary to delete an entire UIC, the delete option of the CAMPRS BILLET FILE MENU, which is found on the CAMPRS MASTER MENU, should be used.

On all the screens in the purge program, RETURN can be used to advance the cursor to the next field, RECALL to move it back to the previous field, and SF '31 to abort to the CAMPRS MAINTENANCE SUPPORT SYSTEM MENU.

The first screen displayed by this option is the following:

Basic I.D.E.A.S. Utilities System: Purge Data Records		Release 1.0	

Important Note: Before this program is run all of the necessary INPUT DATA FILE DESCRIPTION Files must be located on the disk specified in device slot #5 below.			

FUNCTIONAL MASTER Device Table Specification -purge records not on activity disk			

#1	/215	System Printer	
#2	/###	I.D.E.A.S	
#3	/###	Screen & Report Masks	
#4	/###	Application Programs	
#5	/###	DATA FILE DESCRIPTIONS	
#6	/###	Data File(s)	CAM*PCBF/1/ #####/ / #####/ /
#7	/###	Data File(s)	CAM*SCBF/1/ #####/ / #####/ /
#8	/###	Data File(s)	CAM*POBF/1/ #####/ / #####/ /
#9	/###	Data File(s)	CAM*SOBF/1/ #####/ / #####/ /
#10	/###	Data File(s)	CAM*PEBF/1/ #####/ / #####/ /
#11	/###	Data File(s)	CAM*SEBF/1/ #####/ / #####/ /
#12	/###	Data File(s)	CAM*ACTV/1/ #####/ / #####/ /
#13	/###	Data File(s)	#####/ / #####/ / #####/ /
#14	/###	Data File(s)	#####/ / #####/ / #####/ /
#15	/005	Reserved	#####/ / #####/ / #####/ /

The user must enter the disk addresses for the Functional Commander master data files. Then the program will display the following screen:

Basic I.D.E.A.S. Utilities System: Purge Data Records Release 1.0

Important Note: Before this program is run all of the necessary UPDATE DATA FILE DESCRIPTION Files must be located on the disk specified in device slot #5 below.

ACTIVITY'S UPDATE Device Table Specification - purge records not on activity disk

```

#1 /215 System Printer
#2 /### I.D.E.A.S
#3 /### Screen & Report Masks
#4 /### Application Programs
#5 /### DATA FILE DESCRIPTIONS
#6 /### Data File(s) CAM*PCBF/1/ #####/ / #####/ /
#7 /### Data File(s) CAM*SCBF/1/ #####/ / #####/ /
#8 /### Data File(s) CAM*POBF/1/ #####/ / #####/ /
#9 /### Data File(s) CAM*SOBF/1/ #####/ / #####/ /
#10 /### Data File(s) CAM*PEBF/1/ #####/ / #####/ /
#11 /### Data File(s) CAM*SEBF/1/ #####/ / #####/ /
#12 /### Data File(s) CAM*ACTV/1/ #####/ / #####/ /
#13 /### Data File(s) #####/ / #####/ / #####/ /
#14 /### Data File(s) #####/ / #####/ / #####/ /
#15 /005 Reserved #####/ / #####/ /
    
```

The user now enters the disk addresses for the activity's update data files. Once those addresses are specified, the program can proceed to the next screen.

Basic I.D.E.A.S. Utilities System: Purge Data Records Release 1.0

```

Available Files:
File to be Purged "#####" CAM*PCBF ##### ##### #####
CAM*POBF ##### ##### #####
CAM*PEBF ##### ##### #####
##### ##### #####
##### ##### #####
##### ##### #####
    
```

WARNING: This utility does not handle the deletion of an entire UIC. If an entire UIC is deleted from the ACTIVITY UPDATE disk it is NOT removed from the MASTER FUNCTIONAL disk.

The user now enters the name of the file to be purged. The program will then proceed to process the indicated file and return to the File to be

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Purged entry screen for the user to specify any other file to be purged. When all desired processing has been completed, the user should press SF'31 to exit to the CAMPRS: MAINTENANCE SUPPORT SYSTEM MENU.

CAMPRS: Initialize CAMPRS Data Files (Option 5) enables the user to initialize the CAMPRS data files. This would be done when the system is first used or if the existing data files become full. It is very important that this option only be run by knowledgeable personnel because reinitializing a data file will wipe out all the data in that file. To enlarge a file that is becoming full, separate steps will have to be taken to save the data already stored in the file.

The first screen to be displayed is the following:

```

Basic I.D.E.A.S. Utilities System: Initialize Files   Release 1.0
=====
Important Note: Before this program is run all of the necessary INPUT
                DATA FILE DESCRIPTION Files must be located on the disk
                specified in device slot #5 below.
=====
FUNCTIONAL MASTER Device Table Specification -purge records not on activity
                disk
=====
#1  /215      System Printer
#2  /###      I.D.E.A.S
#3  /###      Screen & Report Masks
#4  /###      Application Programs
#5  /###      DATA FILE DESCRIPTIONS
#6  /###      Data File(s)      CAM*PCBF/1/      #####/ /      #####/ /
#7  /###      Data File(s)      CAM*SCBF/1/      #####/ /      #####/ /
#8  /###      Data File(s)      CAM*POBF/1/      #####/ /      #####/ /
#9  /###      Data File(s)      CAM*SOBF/1/      #####/ /      #####/ /
#10 /###      Data File(s)      CAM*PEBF/1/      #####/ /      #####/ /
#11 /###      Data File(s)      CAM*SEBF/1/      #####/ /      #####/ /
#12 /###      Data File(s)      CAM*ACTV/1/      #####/ /      #####/ /
#13 /###      Data File(s)      #####/ /      #####/ /      #####/ /
#14 /###      Data File(s)      #####/ /      #####/ /      #####/ /
#15 /005      Reserved          #####/ /      #####/ /      #####/ /
    
```

The user must enter the disk addresses of the programs and of the data files. The RETURN key can be pressed to advance to the next field, RECALL can be pressed to move back to the previous field, and SF '31 will return to the CAMPRS: MAINTENANCE SUPPORT SYSTEM MENU. When the required addresses are entered, the following screen is displayed:

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asic I.D.E.A.S. Utilities System: Initialize Release 1.0

```

=====
file to be initialized:      "#####" Available Primary Files
                             CAM*PCBF CAM*ACTV #####
                             CAM*SCBF #####
                             CAM*POBF #####
                             CAM*SOBF #####
                             CAM*PEBF #####
                             CAM*SEBF #####
=====
    
```

The list of data files available for initialization is presented and the user must enter the name of the file to be initialized. Once the file is specified, the following screen appears with the description of that file's record layout:

DEAS Data File Specification Record Layout Documentation Review Release 1.3

```

file to be Initialized "CAM*SOBF"      Number of fields      25
                             Record length      54
Logical File Name =      "CAM*SOBF"      # packed numeric      0
Physical File Name =      "CAM*SOBF"      # packed alpha        12
Primary File Name =      "CAM*SOBF"      Packed length         52
File Type = 1            Last revision date    102081

Number of volumes = 1      Option # 1 (record blocking) = 2
                             Option # 2 (performance) = 2

Vol #1 Address = D30      Vol #5 Address =
Vol #2 Address =          Vol #6 Address =
Vol #3 Address =          Vol #7 Address =
Vol #4 Address =          Vol #8 Address =

Total key len = 13 Key 1   Key 2   Key 3
Field name      UIC      BSC      BSC NMBR
Order           +        +        +
Position        040      020      025
Length          05       05       03
Type            3        3        3
Attention! Does this look like the file you want to initialize? (Y or N)#
    
```

The user is given a last chance to change his mind. The program asks: Attention! Does this look like the file you want to initialize (Y or N)?

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Entering "N" will return the program to the previous screen where the user can choose a different file to be initialized. Entering "Y" will cause the program to proceed with the initialization. After the initialization is completed, the program returns to the file selection screen and the user can select another file to be initialized. When all files to be initialized have been processed, the user should press SF '31 to return to the CAMPRS: MAINTENANCE SUPPORT SYSTEM.

At the completion of any of the above options, the user should return to the DISK PROGRAM SELECTION MENU. The system is then available for another user.

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MANPOWER REPORTING SYSTEM (CAMPRS)(U) TRAINING ANALYSIS
AND EVALUATION GROUP (NAVY) ORLANDO FL
S R SCHALOW ET AL. OCT 82 TAEG-TR-132

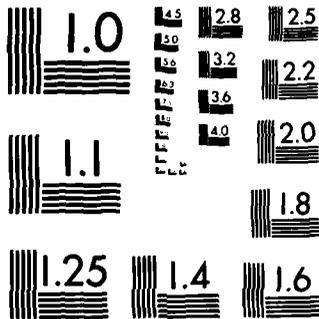
2/2

UNCLASSIFIED

F/G 5/9

NL

									END					
									FILED					
									DTIC					



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

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APPENDIX A

SAMPLE ACTIVITY, PRIMARY, AND SECONDARY RECORDS

This appendix contains examples of activity, primary and secondary records.

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1	UIC 00128	BSC 05140 PE/RS	TITLE CLK TYP	FILE C									
	AG/SAG	DATE REVIEWED/REVISED 030582											
2	REC TYPE B	ACTN	ORG TYPE	EFF DATE	ADC	PFAC							
3	GR/RATE/PS F	HS 1	PNOBC/NEC/PPLN GS	PSSP/OCC	SER 00322								
4	PAQD GR 03	UTIL	BOC IIB	MP	PREV BSC	ME							
5	BA	BP	SNOBC/NEC	SSP	SAOD								
6	FUND	LANG	MS	PREV UIC	SI 0	CSR 3							
	PLANNED AUTHORIZATIONS				MOBILIZATION REQUIREMENTS								
	CY	FY1	FY2	FY3	FY4	FY5	FY6	S/R	M+1	M+2	M+3	M+6	M+12
7	0002	0	0	0	0	0	0	8	0	0	0	0	0
	* * * * ADDITIONAL CNET DATA ELEMENTS * * * *												
9	INSTRUCTOR	PLOWBACK	GAP	N33 CODE									
10	CA - FUNC CAT CODE	BASIS PRF CODE	FY PRF APP	FY NXT REV									
11	ORGANIZATION CODE	12 WKYR EQUV	13 ACTIVITY PRIORITY										

ENTER ROW NUMBER TO EDIT, 0 TO SAVE, A TO ABORT, P TO PRINT, RETURN FOR FIRST
SECONDARY RECORD, S### TO SPECIFY SECONDARY RECORD, N FOR NEXT PRIMARY ####

Figure A-2. Sample Primary Record

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INDIVIDUAL BILLET FILE RECORD

1 UIC 00128 BSC 05140 BILLET NUMBER 001
2 VACANT (Y/N): N FULL PERFORMANCE/TRAINEE (F/T): F
3 CIVILIAN: PAY PLAN GS OCC SERIES 00322 PAY GRADE 03
4 ACTUAL GRADE PMP GRADE
EMPLOYEE TYPE EMPLOYEE CLASSIFICATION (Y/N)
1-FTP 2-FTT 3-PTP 4-PTT MNGR. SUPV. PROFL. TECHL. SECRTY CLERICAL
5 TYPE (1-4)? 2 N N N N N Y
6 MILITARY: DESIGNATOR/GRADE OR RATE
7 EEO: SEX 1 RACE 5 ETHNIC GROUP
1-M 1-AM INDN/ALSKN 4-HISPANIC 1-MEXICO 4-CNTL/SOUTH AMERICA
2-F 2-ASIAN/PACIFIC 5-WHITE 2-PUERTO RICO 5-SPAIN
3-BLACK 3-CUBA 6-OTHER HISPANIC

ENTER ROW NUMBER TO EDIT, O-SAVE, A-ABORT, P-PRINT, D-DUPLICATE, RETURN FOR NEXT RECORD, B TO RETURN TO PRIMARY RECORD, S TO SELECT A SECONDARY RECORD ####

Figure A-3. Sample Secondary Record

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INDIVIDUAL BILLET FILE RECORD

1 UIC 00128 BSC 05140 BILLET NUMBER 002
2 VACANT (Y/N): N FULL PERFORMANCE/TRAINEE (F/T): F
3 CIVILIAN: PAY PLAN GS OCC SERIES 00322 PAY GRADE 03
4 ACTUAL GRADE PMP GRADE
EMPLOYEE TYPE EMPLOYEE CLASSIFICATION (Y/N)
5 1-FTP 2-FTT 3-PTP 4-PTT MNGR. SUPV. PROFL. TECHL. SECRTY CLERICAL
TYPE (1-4)? 2 N N N N N Y
6 MILITARY: DESIGNATOR/GRADE OR RATE
7 EEO: SEX 1 RACE 5 ETHNIC GROUP
1-M 1-AM INDN/ALSKN 4-HISPANIC 1-MEXICO 4-CNTL/SOUTH AMERICA
2-F 2-ASIAN/PACIFIC 5-WHITE 2-PUERTO RICO 5-SPAIN
3-BLACK 3-CUBA 6-OTHER HISPANIC

ENTER ROW NUMBER TO EDIT, O-SAVE, A-ABORT, P-PRINT, D-DUPLICATE, RETURN FOR NEXT RECORD, B TO RETURN TO PRIMARY RECORD, S TO SELECT A SECONDARY RECORD

Figure A-3. Sample Secondary Record (continued)

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INDIVIDUAL BILLET FILE RECORD

1 UIC 00128 BSC 05140 BILLET NUMBER 003
2 VACANT (Y/N): N FULL PERFORMANCE/TRAINEE (F/T): F
3 CIVILIAN: PAY PLAN GS OCC SERIES 00322 PAY GRADE 03
4 ACTUAL GRADE PMP GRADE
5 EMPLOYEE TYPE EMPLOYEE CLASSIFICATION (Y/N)
1-FTP 2-FTT 3-PTP 4-PTT MNGR. SUPV. PROFL. TECHL. SECTRY CLERICAL
TYPE (1-4)? 2 N N N N N Y
6 MILITARY: DESIGNATOR/GRADE OR RATE
7 EEO: SEX 1 RACE 5 ETHNIC GROUP
1-M 1-AM INDN/ALSKN 4-HISPANIC 1-MEXICO 4-CNTL/SOUTH AMERICA
2-F 2-ASIAN/PACIFIC 5-WHITE 2-PUERTO RICO 5-SPAIN
3-BLACK 3-CUBA 6-OTHER HISPANIC

ENTER ROW NUMBER TO EDIT, O-SAVE, A-ABORT, P-PRINT, D-DUPLICATE, RETURN FOR NEXT RECORD, B TO RETURN TO PRIMARY RECORD, S TO SELECT A SECONDARY RECORD ####

Figure A-3. Sample Secondary Record (continued)

APPENDIX B

CAMPRS DATA ELEMENTS (FIELDS)

This appendix contains a list of all of the data elements used in the various CAMPRS files. These are the available sort fields. Each data element has a mnemonic name up to eight characters long. This mnemonic name must be entered if the user desires to use the logical record selection criteria feature of the IDEAS report mask.

The primary civilian, officer, and enlisted file data fields are identical in name and size; however, the field meanings are different depending on the file. In a similar manner, the secondary civilian officer and enlisted file data fields are identical in name and size. It should be noted that not all fields are used in all files.

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TABLE B-1. ACTIVITY FILE DATA ELEMENTS

Field Name	Description	Type	Length
ACTV NAME	Activity Name	ANY	24
ACTV CODE	Activity Code	ANY	10
AG	Activity Group	ANY	2
AG NAME	Activity Group Name	ANY	24
AG/SAG	Activity Group/Subactivity Group	ANY	4
DATE REV	Date of Last Revision	ANY	6
EFF D WG	Effective Date of Wage Grade Increase	NUM	4
F/CDR	Functional Commander	U/C	10
FCC	Fund Control Code	ANY	5
GEO CODE	Geographic Code	ANY	9
OPNAV RS	OPNAV Resource Sponsor	ANY	5
PE RES C	Program Element Resource Code	ANY	1
PRICOG	Primary Cog Code	ANY	4
PROG ELE	Program Element	ANY	5
SAG	Subactivity Group	ANY	2
SAG NAME	Subactivity Group Name	ANY	24
SECCOG	Secondary Cog Code	ANY	4
SUBHEAD	Appropriation Subhead	ANY	4
UIC	Unit Identification Code	ANY	5
UIC CMPX	Complex UIC	ANY	5
UIC SFLG	Student UIC, Y-Yes, N-No	ANY	5

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TABLE B-2. PRIMARY FILE DATA ELEMENTS

Field Name	Description	Type	Length
ACTION	Code Used to Update NMDAS, N-New, C-Change, D-Deletion of Phased Data, *-Delete a Sequence Code	ANY	1
ACTV PRI	Activity Priority of Billet or Position	NUM	7
AG/SAG	Activity Group/Subactivity Group	ANY	4
AOC	Action Officer Code - For CNO Use Only	ANY	1
BA	Billets/Positions Authorized	NUM	4
BLT TIL1	Billet/Position Title - 20 Characters	ANY	20
BLT TIL2	Billet/Position Title - 20 Characters	ANY	20
BOC	Billet Occupational Code	ANY	3
BP	Billets Plan - Officer Only	NUM	4
BSC	Billet/Position Sequence Code	ANY	5
CITA BPC	Commercial Activities - Basis of Performance Code	ANY	1
CITA CSV	Commercial Activities - Contract Dollar Value	NUM	6
CITA CMY	Commercial Activities - Contract Man-Years	NUM	4
CITA FNR	Commercial Activities - Fiscal Year of Next Review	NUM	2
CITA FPA	Commercial Activities - FY Performance Approved	NUM	2
CITA INV	Commercial Activities - Inventory Code	ANY	5
CSR	Current Staffing Requirement	NUM	4
DATE REV	Date of Last Revision	NUM	6
EFF DATE	The Year and Month in Which Any Change Is to Become Effective (YYMM)	NUM	4

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TABLE B-2. PRIMARY FILE DATA ELEMENTS (continued)

Field Name	Description	Type	Length
FILE DES	File Description, C-Civilian, O-Officer, and E-Enlisted	U/C	1
FUNDING	Budget Accounting Designation	ANY	1
GAP	Difference Between Billets, Authorized and Personnel Onboard	NUM	4
GR/RT/PS	Officer Designator/Grade, Enlisted Rating, or Position Status	ANY	5
HIRE STS	Hire Status	ANY	1
INSTRUCT	Instructor, Y-Yes, N-No	U/C	1
LANGUAGE	Foreign Language Code	ANY	6
ME	Military Essentiality Code	ANY	1
MP	Mobilization Priority Code	ANY	1
MR M+1	Mobilization Requirements + 1 Month	NUM	4
MR M+12	Mobilization Requirements + 12 Months	NUM	4
MR M+2	Mobilization Requirements + 2 Months	NUM	4
MR M+3	Mobilization Requirements + 3 Months	NUM	4
MR M+6	Mobilization Requirements + 6 Months	NUM	4
MR S/R	Mobilization Requirements - Selected Reserve	NUM	4
MS	Mobilization Source Code	ANY	1
N33 CODE	N33 Code	ANY	4
ORG CODE	Organization Code (Activity)	ANY	8
ORG TYPE	Organization Type	ANY	1
PA CY	Planned Authorizations - Current Year	NUM	4
PA FY1	Planned Authorizations - Fiscal Year 1	NUM	4
PA FY2	Planned Authorizations - Fiscal Year 2	NUM	4

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TABLE B-2. PRIMARY FILE DATA ELEMENTS (continued)

Field Name	Description	Type	Length
PA FY3	Planned Authorizations - Fiscal Year 3	NUM	4
PA FY4	Planned Authorizations - Fiscal Year 4	NUM	4
PA FY5	Planned Authorizations - Fiscal Year 5	NUM	4
PA FY6	Planned Authorizations - Fiscal Year 6	NUM	4
PAQD GR	Primary Additional Qualification Designation Grade, Civilian	ANY	3
PE	Program Element	ANY	5
PFAC	Primary Functional Area Code	ANY	1
PLOWBACK	Graduate of a Course Assigned to Teach	NUM	4
PNOBC	Primary Navy Enlisted Classification/ Primary Navy Officer Billet Classification/ Civilian Pay Plan	ANY	4
PRV BSC	Previous Billet Sequence Code	ANY	5
PRV UIC	Previous Unit Identification Code	ANY	9
PSSP OCC	Primary Subspecialty - Civilian Occupational Series	ANY	5
REC TYPE	Record Type, B-Billet, H-Header, N-Note	ANY	1
RES SPNS	Resource Sponsor	ANY	1
SAQD	Secondary Additional Qualification Designation	ANY	3
SFAC	Secondary Functional Area Code	ANY	1
SI	Standards Indicator	ANY	1
SNOBC	Secondary Navy Enlisted Classification/ Secondary Navy Officer Billet Classification	ANY	4
SSSP	Secondary Subspecialty	ANY	4
UIC	Unit Identification Code	ANY	5
UTIL	Utilization Code	ANY	1

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TABLE B-3. SECONDARY FILE DATA ELEMENTS

Field Name	Description	Type	Length
ACTL GR	Actual Grade	ANY	2
ACTL STP	Actual Step	ANY	2
AUTH GR	Authorized Grade	ANY	2
BSC	Billet Sequence Code	ANY	5
BSC NMBR	Billet Sequence Code Number - Unique for Each Billet	ANY	3
CIV PPLN	Civilian Pay Plan	U/C	2
CLASS M	Employee Classification, Y-Yes, N-No - Manager	U/C	1
CLASS O	Employee Classification, Y-Yes, N-No - Clerical	U/C	1
CLASS P	Employee Classification, Y-Yes, N-No - Professional	U/C	1
CLASS S	Employee Classification, Y-Yes, N-No - Supervisor	U/C	1
CLASS SC	Employee Classification, Y-Yes, N-No - Secretary	U/C	1
CLASS T	Employee Classification, Y-Yes, N-No - Technical	U/C	1
CV OCC S	Civilian Occupational Series	ANY	5
CV PAY G	Civilian Pay Grade	U/C	2
EMP TYPE	Employee Type, 1-FTP, 2-FTT, 3-PTP, 4-PTT	U/C	1
FP/TRAIN	Full Performance/Trainee, F-Full, T-Trainee	U/C	1
OFF/RATE	Officer Designator/Grade, Enlisted Rating	ANY	5
OPM GR	Position Management Plan Grade	ANY	2
UIC	Unit Identification Code	ANY	5
URACE	Race, 1-Am Indian, 2-Asian, 3-Black, 4-Hispanic, 5-White	ANY	1
USEX	Sex, 1-Male, 2-Female	ANY	1
UUETHNIC	Ethnic Group, 1-Mexico, 2-Puerto Rico, 3-Cuba, 4-Cnt1/South America, 5-Spain, 6-Other Hispanic	ANY	1
VACANT	Vacant, Y-Yes, N-No	ANY	1

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UIC	EX	SPD	BILLET TITLE	ORG	CDCEAC/	SECVA-	FP/	DCS/	PP/	OLC	ACT/	PM-	TYPE	CLASS	REMT
				SAC	INFR:	INT:	CODE		SER	1000:	0001:			INFR:	INT:
10006210043			CHIEF ANALYST	N-0241	M6EQ1001		T		OS	100343	109		FFIP	INFR:	INT:
10006210045			CHIEF ANALYST	N-0242	M6EQ1001		F		OS	100356	104		FFIP	INFR:	INT:
10006210046			CHIEF ANALYST	N-0243	M6EQ1001		F		OS	101710	113		FFIP	INFR:	INT:
10006210047			CHIEF ANALYST	N-0243	M6EQ1001		Y		OS	101710	112		FFIP	INFR:	INT:
10006210048			CHIEF ANALYST	N-0243	M6EQ1001		F		OS	101702	107		FFIP	INFR:	INT:
10006210049			CHIEF ANALYST	N-0244	M6EQ1001		F		OS	101702	107		FFIP	INFR:	INT:
10006210050			CHIEF ANALYST	N-0245	M6EQ1001		F		OS	101710	113		FFIP	INFR:	INT:
10006210051			CHIEF ANALYST	N-0246	M6EQ1001		F		OS	101710	112		FFIP	INFR:	INT:
10006210052			CHIEF ANALYST	N-0247	M6EQ1001		F		OS	101702	109		FFIP	INFR:	INT:
10006210053			CHIEF ANALYST	N-15	M6EQ1001		F		OS	100316	106		FFIP	INFR:	INT:
10006210054			CHIEF ANALYST	N-101	M6EQ1001		F		OS	100345	112		FFIP	INFR:	INT:
10006210055			CHIEF ANALYST	N-125	M6EQ1001		F		OS	100316	105		FFIP	INFR:	INT:
10006210056			CHIEF ANALYST	N-124	M6EQ1001		F		OS	101710	114		FFIP	INFR:	INT:
10006210057			CHIEF ANALYST	N-124	M6EQ1001		F		OS	101710	112		FFIP	INFR:	INT:
10006210058			CHIEF ANALYST	N-122	M6EQ1001		F		OS	101710	112		FFIP	INFR:	INT:
10006210059			CHIEF ANALYST	N-122	M6EQ1001		F		OS	100303	104		FFIP	INFR:	INT:
10006210060			CHIEF ANALYST	N-124	M6EQ1001		Y		OS	100204	105		FFIP	INFR:	INT:

Figure C-12. A Sample Individual Billet Information Report

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UIC	BSC	BULLET TITLE	BSC PLAN	UCC SER	FATH	TYPE	SEARCH	EMPL
00062	02825	EDUC SPEC	001 GS	01710	12	FIP	1	5
00062	01855	CUST ANALYST	001 GS	00501	12	FIP	1	5
00062	02835	REALTY SPEC	001 GS	01170	12	FIP	1	5
00062	02505	SECRETARY (TYPING)	001 GS	00318	04	FIP	2	5
00062	00565	PHOC ANALYST	001 GS	00345	12	FIP	1	5
00062	01745	COMPUTER SPEC	001 GS	00334	12	FIP	1	5
00062	01745	COMPUTER SPEC	002 US	00334	12	FIP	2	5
00062	02075	MGMT ANALYST	001 GS	00343	11	FIP	1	5
00062	01235	ED SPEC	001 GS	01710	00	FIP		
00062	02285	EDUC SPEC	001 GS	01710	14	FIP	1	5
00062	00775	ED SPEC	001 GS	01710	13	FIP	1	5
00062	02365	ED SPEC	001 GS	01710	12	FIP	1	3
00062	00265	PERS MGMT SPEC	001 GS	00201	15	FIP	1	5
00062	00240	SECRETARY	001 GS	00318	05	FIP	2	5
00062	01825	MGMT ANAL OFCR	001 GS	00343	14	FIP	1	5
00062	01395	MANPOWER ANALYST	001 GS	00501	11	FIP	2	5
00062	00345	PERS CLERK	001 GS	00203	05	FIP	2	5
00062	02155	COMP SPEC	001 GS	00343	11	FIP	2	5
00062	01685	CLERK-TYPIST	001 GS	00322	04	FIP	2	5
00062	01475	COST ANALYST	001 US	00501	11	FIP	2	5
00062	01105	EDUC SPEC	001 GS	01710	14	FIP	1	5
00062	00855	PHOC ANALYST	001 GS	00345	09	FIP	1	4
00062	00135	SECRETARY (STENO)	001 GS	00318	06	FIP	2	5
00062	02655	SECRETARY (TYPING)	001 GS	00318	04	FIP	2	5
00062	01985	CLERK-TYPIST	001 GS	00322	03	FIP	2	5

Figure C-11. A Sample Equal Employment Opportunity Report

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ACTIVITY BILLET LISTING

ACTIVITY NAME:	BILLET TITLE	BSC	ACTIVITY CODE:	USG	RANK	SSPEC	AUTH	NUUC	AQUJ	STATUS
LEGAL AUMN AST		32101					0			
SQUADRON CO		01050	1000	LTJG			1	2590		
SQUADRON XO		00020	1311	CDR			1	8670	DG1	
ADMINISTRATIVE		00030	1311	CDR			1	8672	DG1	
TRN PLN AVFLGT		01010	1311	LCDR			1	2615	DG1	
TRAINING		06020	1311	LDR			1	3217	DG1	
AV SAFETY		06070	1311	LCDR			1	3290	DG1	
A/C ORGNMT GEN		14010	1311	LDR			1	8656	DG1	
FACILITIES MGR		15010	1311	LDR			1	8190	DG1	
TRN PLN AVFLGT-ASST		03010	1311	LT			1	9442	DG1	
SUN SCHEDULE-ASST		06030	1311	LT			1	3217	DG1	
SUN FLGT		06060	1311	LT			1	8684	DG1	
SUN SCHEDULE		06140	1311	LT			1	8674	DG1	
TRN PUBLISQURI		06150	1311	LT			1	8684	DG1	
TRN PUBLISQURI ASST		06220	1311	LT			0	3298	DG1	
LANDING SIGNAL		06230	1311	LT			0	3298	DG1	
AV SAFETY - ASST		06460	1311	LT			0	8662	EBU	
NATOPS		06470	1311	LT			0	8662	EBU	
A/C ORGNMT GEN		14020	1311	LT			3	8656	DG1	
A/C MITQUALCTL		14050	1311	LT			1	8696	DG1	
A/C MTLCTAL		17010	1311	LT			1	8190	DG1	
A/C ORNT A/C		18010	1311	LT			1	8177	DG1	
A/C ORNT A/C		19010	1311	LT			1	8929	DG1	
A/C ORNT A/C		21010	1311	LT			1	8197	DG1	
A/C ORNT A/C		22010	1311	LT			1	8197	DG1	
A/C ORNT A/C		23010	1311	LT			1	8197	DG1	
A/C ORNT A/C		24010	1311	LT			1	8197	DG1	
A/C ORNT AV/MP		29010	1311	LT			1	8199	DG1	
A/C ORNT AV/MP		30010	1311	LT			1	8199	DG1	
A/C ORNT AV/MP		31010	1311	LT			1	8199	DG1	
A/C ORNT LINE		37010	1311	LT			1	8196	DG1	
A/C ORNT LINE		38010	1311	LT			1	8196	DG1	
A/C ORNT LINE		40010	1311	LT			1	8196	DG1	
A/C ORGNMT/MTL		15030	1520	LT			1	8176	DG1	
A/C ORGNMT GEN-ASST		15020	6330	LDR			1	8190	DG1	
A/C ORGNMT/MTL		16010	7340				1	8176	DG1	

Figure C-10. A Sample Activity Billet Listing Report

Technical Report 132

AUG 19 82 NAVETRAIDUM GAPPED OFFICER BILLETS

DESIGNA TOR/ GRADE	CAPT	OMR	LCDR	LT	LTJG	ENSN	TOTAL
1000	0	0	1	0	0	0	1
1050	0	0	0	0	0	0	0
1110	0	0	0	0	0	0	0
1120	0	0	0	0	0	0	0
1130	0	0	0	0	0	0	0
1140	0	0	0	0	0	0	0
1300/01/02	0	0	0	0	0	0	0
1310/11/12	0	0	0	0	0	0	0
1320/21/22	0	0	0	0	0	0	0
TOTAL	0	0	1	0	0	0	1

Figure C-8. A Sample Gapped Officer Billels Report

19 AUG 82

UIC: 00062

ACTIVITY NAME: CNET STAFF

ACTIVITY CODE: 122600500

GEU CODE:

PL: 85798

FCUR: CNET

PAGE 3

PLANNED AUTHORIZATIONS	PREV BSC	PREV UIC	PLANNED AUTHORIZATIONS	PREV BSC	PREV UIC	PLANNED AUTHORIZATIONS	PREV BSC	PREV UIC
00230:EDUC SPEC			00230:EDUC SPEC			00230:EDUC SPEC		
00235:STATISTICIAN			00235:STATISTICIAN			00235:STATISTICIAN		
00240:SECRETARY			00240:SECRETARY			00240:SECRETARY		
00245:CLEMK (TYPING)			00245:CLEMK (TYPING)			00245:CLEMK (TYPING)		
00255:CIV PERS/EEO 016			00255:CIV PERS/EEO 016			00255:CIV PERS/EEO 016		
00265:PERS MGMT SPEC			00265:PERS MGMT SPEC			00265:PERS MGMT SPEC		
00275:COMD DEP EEO OFCR			00275:COMD DEP EEO OFCR			00275:COMD DEP EEO OFCR		
00295:COMD FED WOMENS PROG			00295:COMD FED WOMENS PROG			00295:COMD FED WOMENS PROG		
00295:COMD HISPANIC PROG			00295:COMD HISPANIC PROG			00295:COMD HISPANIC PROG		
00305:EEO SPEC EMPLOYMENT			00305:EEO SPEC EMPLOYMENT			00305:EEO SPEC EMPLOYMENT		
00315:PERS MGMT SPEC			00315:PERS MGMT SPEC			00315:PERS MGMT SPEC		
00325:CLASSIFICATION SPEC			00325:CLASSIFICATION SPEC			00325:CLASSIFICATION SPEC		
00335:PERS MGMT SPEC			00335:PERS MGMT SPEC			00335:PERS MGMT SPEC		
00340:PUS CLASS SPEC			00340:PUS CLASS SPEC			00340:PUS CLASS SPEC		
00345:PERS CLERK			00345:PERS CLERK			00345:PERS CLERK		

Figure C-6. A Sample CNET Manpower Authorization Report Sorted by UIC

19 AUG 87

PART I - CNET MANPOWER AUTHORIZATION REPORT

ACTIVITY NAME: NTEC SIMULATOR A/C4 ACTIVITY UOE: 2135000000 UCU CODE: PE: 85731 FOUR: NTEC

ICG:	ICG DATE:	ICG TIME:	ICG RATE:	ICG DATE:	ICG TIME:	ICG RATE:	ICG DATE:	ICG TIME:	ICG RATE:	ICG DATE:	ICG TIME:	ICG RATE:	ICG DATE:	ICG TIME:	ICG RATE:	ICG DATE:	ICG TIME:	ICG RATE:	ICG DATE:	ICG TIME:	ICG RATE:		
112155	SECY (STENO)	11:05	00318005	11:05	00318005	11:05	00318005	11:05	00318005	11:05	00318005	11:05	00318005	11:05	00318005	11:05	00318005	11:05	00318005	11:05	00318005	11:05	00318005
112170	SMALL BUSS SPEC MODS	11:05	00102112	11:05	00102112	11:05	00102112	11:05	00102112	11:05	00102112	11:05	00102112	11:05	00102112	11:05	00102112	11:05	00102112	11:05	00102112	11:05	00102112
112185	SHALL BUSS CLK (TRP)	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315
112195	STRATEGIC PLANNING	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315
112200	PROGRAM ANALYST	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315
112215	SPECIAL SECURITY DFC	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315
112220	SEC ASST	11:05	01712107	11:05	01712107	11:05	01712107	11:05	01712107	11:05	01712107	11:05	01712107	11:05	01712107	11:05	01712107	11:05	01712107	11:05	01712107	11:05	01712107
112225	WAREHOUSE N-0923	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315
112240	MOTOR VEH DTR	11:05	05703106	11:05	05703106	11:05	05703106	11:05	05703106	11:05	05703106	11:05	05703106	11:05	05703106	11:05	05703106	11:05	05703106	11:05	05703106	11:05	05703106
112245	WAREHOUSE MARKER	11:05	06907106	11:05	06907106	11:05	06907106	11:05	06907106	11:05	06907106	11:05	06907106	11:05	06907106	11:05	06907106	11:05	06907106	11:05	06907106	11:05	06907106
112260	REQUISITION BR N0924	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315
112265	SUPPLY CLK	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315
112270	MAT INFO SYSTEMS	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315
112275	MAT INFO SYS UDR	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315	11:05	0030315

Figure C-4. A Sample CNET Manpower Authorization Report by UIC Package (for UIC 42121)

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PART II - CNET MANPOWER MANAGEMENT REPORT

FILE: GR42 ACTIVITY NAME: CNET STAFF

ACTIVITY CODE: 122000000 GEO CODE: PEI: 05/20 FILE: 001

17 JUL 82

FILE	BUCKET	UNCL CODE	ACTIV PH	ACTIV PH	CA DATA	CA DATA	INDIVIDUAL BULLET INFORMATION
C	PUBLIC INFO SPEC	00021	VS	VS	0001	0001	INSTRUMENT
C	SECRETARY (STENO)	00022	VS	VS	0001	0001	INSTRUMENT
C	DEPUTY CNET OI	00023	VS	VS	0001	0001	INSTRUMENT
C	SECRETARY (STENO)	00024	VS	VS	0001	0001	INSTRUMENT
C	INSPECTOR GEN OIA	00025	VS	VS	0001	0001	INSTRUMENT
C	DEPUTY TRP GEN	00026	VS	VS	0001	0001	INSTRUMENT
C	PUBLIC INFO SPEC	00027	VS	VS	0001	0001	INSTRUMENT
C	SECRETARY (STENO)	00028	VS	VS	0001	0001	INSTRUMENT
C	DEPUTY CNET OI	00029	VS	VS	0001	0001	INSTRUMENT
C	SECRETARY (STENO)	00030	VS	VS	0001	0001	INSTRUMENT
C	INSPECTOR GEN OIA	00031	VS	VS	0001	0001	INSTRUMENT
C	DEPUTY TRP GEN	00032	VS	VS	0001	0001	INSTRUMENT
C	PUBLIC INFO SPEC	00033	VS	VS	0001	0001	INSTRUMENT
C	SECRETARY (STENO)	00034	VS	VS	0001	0001	INSTRUMENT
C	DEPUTY CNET OI	00035	VS	VS	0001	0001	INSTRUMENT
C	SECRETARY (STENO)	00036	VS	VS	0001	0001	INSTRUMENT
C	INSPECTOR GEN OIA	00037	VS	VS	0001	0001	INSTRUMENT
C	DEPUTY TRP GEN	00038	VS	VS	0001	0001	INSTRUMENT
C	PUBLIC INFO SPEC	00039	VS	VS	0001	0001	INSTRUMENT
C	SECRETARY (STENO)	00040	VS	VS	0001	0001	INSTRUMENT
C	DEPUTY CNET OI	00041	VS	VS	0001	0001	INSTRUMENT
C	SECRETARY (STENO)	00042	VS	VS	0001	0001	INSTRUMENT
C	INSPECTOR GEN OIA	00043	VS	VS	0001	0001	INSTRUMENT
C	DEPUTY TRP GEN	00044	VS	VS	0001	0001	INSTRUMENT
C	PUBLIC INFO SPEC	00045	VS	VS	0001	0001	INSTRUMENT
C	SECRETARY (STENO)	00046	VS	VS	0001	0001	INSTRUMENT
C	DEPUTY CNET OI	00047	VS	VS	0001	0001	INSTRUMENT
C	SECRETARY (STENO)	00048	VS	VS	0001	0001	INSTRUMENT
C	INSPECTOR GEN OIA	00049	VS	VS	0001	0001	INSTRUMENT
C	DEPUTY TRP GEN	00050	VS	VS	0001	0001	INSTRUMENT

Figure C-3. A Sample CNET Manpower Management Report

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APPENDIX C

SAMPLE PRINT OPTIONS

This appendix contains examples of the various printouts generated by CAMPRS. The actual content, order and format of these reports can be varied at the discretion of the CAMPRS user.

The exhibits selected were chosen at random to provide a representative sampling of the reports available. The data records printed out in these reports do not necessarily reflect current CAMPRS data.

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APPENDIX D

CAMPRS DATA FILE DOCUMENTATION

This appendix contains the data file documentation for the activity, primary and secondary files. This documentation provides a complete description of the field layout of each record in the file. This includes the field name, type (numerical, upper case alpha or any character), its length, its starting and ending positions within the record and its position in the SO\$() buffer. This information is necessary to input any field into the table of available sort fields for sorting by and restricting printouts.

Technical Report 132

File "CAM-ACTV" JAN 29 82

Page 1 of 1

File Name: "CAM*ACTV" Type: 1 Primary File: "CAM*ACTV"

Number of volumes: 1 #1/D34

Alternate Key files:

Number of fields:	21	Number of records specified	3411	54.24%
Record length:	153	Number of records provided	3586	51.59%
# Packed numeric:	10	Number of records now used	1850	
# Packed alpha:	8	Number of records overflowed	0	0.00%
Packed length:	152	Number of records / bucket	163	

Key composition: "UIC: " - ascending sort order
 "PE RES C" - ascending sort order
 "AG/SAG " - ascending sort order

Data record field definitions:

In order of position within record

No.	Name	Type	Len	Pos	End	SO\$()	Type
001	DATE REV	Num	06	0001	0006	300	
002	EFF D WG	Num	04	0007	0010	306	
003	F/CDR	U/C	10	0011	0020	310	
004	ACT NAME	Any	24	0021	0044	320	
005	ACTV CODE	Any	10	0045	0054	344	
006	AG	Any	02	0055	0056	354	
007	AG NAME	Any	24	0057	0080	356	
008	AG/SAG	Any	04	0081	0084	380	Key 3 (+)
009	FCC	Any	05	0085	0089	389	
010	GEO CODE	Any	09	0090	0098	389	
011	OPNAV RS	Any	05	0099	0103	398	
012	PE RES C	Any	01	0104	0104	403	Key 2 (+)
013	PRICOG	Any	04	0105	0108	404	
014	PROG ELE	Any	05	0109	0113	408	
015	SAG	Any	02	0114	0113	413	
016	SAG NAME	Any	04	0116	0139	415	
017	SECCOG	Any	04	0140	0143	439	
018	SUBHEAD	Any	04	0144	0147	443	
019	UIC	Any	05	0148	0152	447	Key 1 (+)
020	UIC CMPX	Any	05	0153	0157	452	
021	UIC SFLG	Any	01	0158	0158	454	

Type
 0 () - nothing
 1 (C) - count only
 2 (S) - sum only
 3 (M) - count, mean

Technical Report 132

File "CAM*POBF" JAN 29 82

Page 1 of 2

File Name: "CAM*POBF" Type: 1 Primary File: "CAM*POBF"

Number of volumes: 1 #1/D34

Alternate Key files:

Number of fields:	68	Number of records specified	7200	92.10%
Record length:	299	Number of records provided	7614	87.09%
# Packed numeric:	114	Number of records now used	6631	
# Packed alpha:	0	Number of records overflowed	106	1.60%
Packed length:	243	Number of records / bucket	163	
Key composition:	"UIC: "	- ascending sort order		
	"BSC "	- ascending sort order		

Data record field definitions:

In order of position within record

Name	Type	Len	Pos	End	SO\$()	Type
ACTV PRI	Num	07	0001	0007	1	
BA	Num	04	0008	0011	8	S
BP	Num	04	0012	0015	12	
CITA C\$V	Num	06	0016	0021	16	C
CITA CMY	Num	04	0022	0025	22	S
CITA FNR	Num	02	0026	0027	26	C
CITA FPA	Num	02	0028	0029	28	C
CSR	Num	04	0030	0033	30	
DATE REV	Num	06	0034	0039	34	
EFF DATE	Num	04	0040	0043	40	
FILLER 1	Num	06	0044	0049	44	
FILLER 2	Num	06	0050	0055	50	
GAP	Num	04	0056	0059	56	C
MR M+1	Num	04	0060	0063	60	
MR M+ 12	Num	04	0064	0067	64	
MR M+2	Num	04	0068	0071	68	
MR M+3	Num	04	0072	0075	72	
MR M+6	Num	04	0076	0079	76	
MR S/R	Num	04	0080	0083	80	
PA CY	Num	04	0084	0087	84	S
PA FY1	Num	04	0088	0091	88	S
PA FY2	Num	04	0092	0095	92	S
PA FY3	Num	04	0096	0099	96	S
PA FY4	Num	04	0100	0103	100	S
PA FY5	Num	04	0104	0107	104	S
PA FY6	Num	04	0108	0111	108	S
PLOWBACK	Num	04	0112	0115	112	S
FILE DES	U/C	01	0116	0116	116	
INSTRUCT	U/C	01	0117	0117	114	C
ACTION	Any	01	0118	0118	118	
AG/SAG	Any	04	0119	0122	119	
AOC	Any	01	0123	0123	123	
BLT TIL1	Any	20	0124	0143	124	
BLT TIL2	Any	20	0144	0163	144	
BOC	Any	03	0164	0166	164	C

TYPE
 0 () - nothing
 1 (C) - count only
 2 (S) - sum only
 3 (M) - count, mean

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File "CAM*POBF" JAN 29 82

Page 2 of 2 (Continued)

Name	Type	Len	Pos	End	SO\$()	Type
BSC	Any	05	0167	0171	167	Key 2(+)
CITA BPC	Any	01	0172	0172	172	C
CITA INV	Any	05	0173	0177	173	C
SSSP	Any	10	0178	0187	178	
FILLER4	Any	10	0188	0197	188	
FILLER5	Any	10	0198	0207	198	
FILLER6	Any	10	0208	0217	208	
FUNDING	Any	01	0218	0218	218	C
GR/RT/PS	Any	05	0219	0223	219	C
HIRE STS	Any	01	0224	0224	224	C
LANGUAGE	Any	06	0225	0230	225	C
ME	Any	01	0231	0231	231	
MP	Any	01	0232	0232	232	
MS	Any	01	0233	0233	233	
N33 CODE	Any	04	0234	0237	234	
ORG CODE	Any	08	0238	0245	238	
ORG TYPE	Any	01	0246	0246	246	
PAQD GR	Any	03	0247	0249	247	C
PE	Any	05	0250	0254	250	
PFAC	Any	01	0255	0255	255	
PNOBC/NEC	Any	04	0256	0259	256	C
PRV BSC	Any	05	0260	0264	260	
PRV UIC	Any	09	0265	0273	265	
PSSP OCC	Any	05	0274	0278	274	C
REC TYPE	Any	01	0279	0279	279	
RES SPNS	Any	01	0280	0280	280	
SAQD	Any	03	0281	0283	281	
SFAC	Any	01	0284	0284	284	
SI	Any	01	0285	0285	285	
SNOBC/NEC	Any	04	0286	0289	286	C
FILLER	Any	04	0290	0293	290	
UIC	Any	05	0294	0298	294	Key 1 (+)
UTIL	Any	01	0299	0299	299	

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File "CAM*POBF" JAN 29 82

Page 1 of 1

File Name: "CAM*SOBF" Type: 1 Primary File: "CAM*SOBF"

Number of volumes: 1 #1/D34

Alternate Key files:

Number of fields:	25	Number of records specified	9000	98.38%
Record length:	54	Number of records provided	9460	9.359%
# Packed numeric:	0	Number of records now used	8854	
# Packed alpha:	12	Number of records overflowed	232	2.62%
Packed length:	243	Number of records / bucket	110	
Key composition:	"UIC: "	- ascending sort order		
	"BSC "	- ascending sort order		
	"BSC NMBR"	- ascending sort order		

Data record field definitions:

In order of position within record

No.	Name	Type	Len	Pos	End	SO\$()	Type	
---	-----	---	---	---	---	-----	-----	-----
001	CIV PPLN	U/C	02	0001	0002	458	C	
002	CLASS M	U/C	01	0003	0003	460	C	
003	CLASS O	U/C	01	0004	0004	461	C	
004	CLASS P	U/C	01	0005	0005	462	C	
005	CLASS S	U/C	01	0006	0006	463	C	
006	CLASS SC	U/C	01	0007	0007	464	C	
007	CLASS T	U/C	01	0008	0008	465	C	
008	CV PAY G	U/C	02	0009	0010	466	M	
009	EMP TYPE	U/C	01	0011	0011	468	C	
010	FP/TRAIN	U/C	01	0012	0012	469	C	
011	VACANT	U/C	01	0013	0013	470	C	
012	ACTL GR	Any	02	0014	0015	471	M	
013	ACTL STP	Any	02	0016	0017	473	M	
014	AUTH GR	Any	02	0018	0019	475	M	
015	BSC	Any	05	0020	0024	477		Key 2(+)
016	BSC NMBR	Any	03	0025	0027	482		Key 3(+)
017	CV OCC S	Any	05	0028	0032	485		
018	GR/RATE	Any	05	0033	0037	490	C	
019	OPTM GR	Any	02	0038	0039	495	M	
020	UIC	Any	05	0040	0044	497		Key 1(+)
021	URACE	Any	01	0045	0045	502	C	
022	USEX	Any	01	0046	0046	503	C	
023	UUETHNIC	Any	01	0047	0047	504	C	
024	ZFLLR	Any	02	0048	0049	505		
025	ZFLLR1	Any	05	0050	0054	507		

Type

- 0 () - nothing
- 1 (C) - count only
- 2 (S) - sum only
- 3 (M) - count, mean

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APPENDIX E

FILE NAMES

This appendix contains a list of the CAMPRS data file names as they appear in the program. This is the form in which they must be specified by the user when required by the program.

TABLE E-1. PROGRAM FILE NAMES

File Name	File Description
CAM*ACTV	Activity File
CAM*PCBF	Primary Civilian Billet File
CAM*SCBF	Secondary Civilian Billet File
CAM*POBF	Primary Officer Billet File
CAM*SOBF	Secondary Officer Billet File
CAM*PEBF	Primary Enlisted Billet File
CAM*SEBF	Secondary Enlisted Billet File
CAM*DLET	Delete File for Update Disk

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