AD-A077 051 TRAINING ANALYSIS AND EVALUATION GROUP (NAVY) ORLANDO FL F/G 5/2
MILITARY SERVICE REPORTING SYSTEM.(U)
OCT 79 C M TROTTA
UNCLASSIFIED TAEG-TH-79-6 NL

1 OF 2
AD A077051

TAEG

TRAINING ANALYSIS AND EVALUATION GROUP

TECHNICAL MEMORANDUM 79-6

(12)

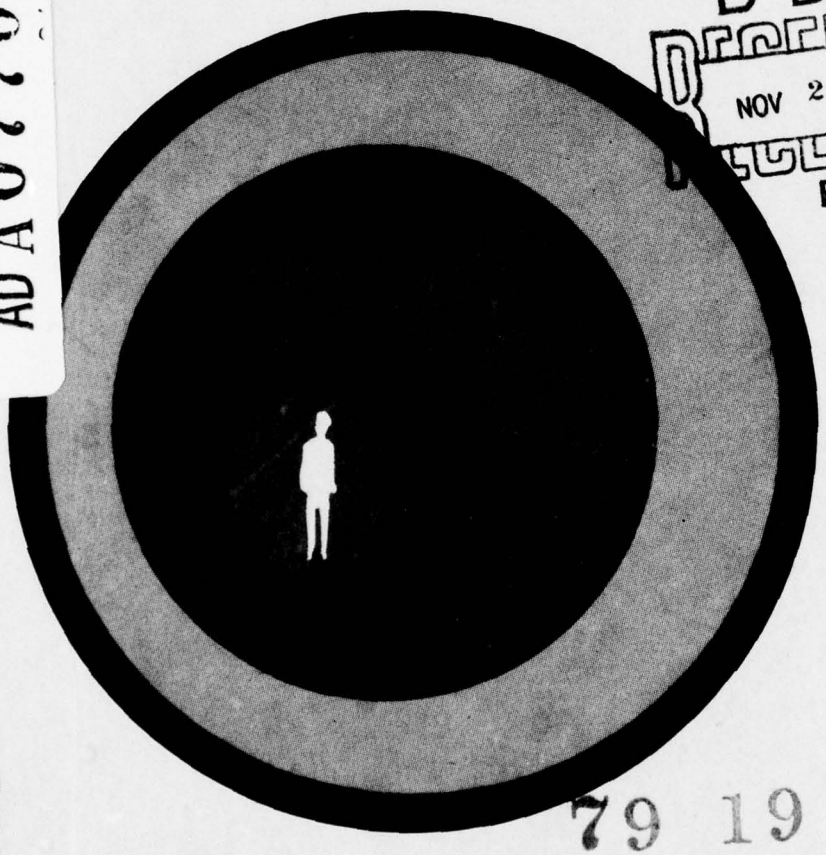
LEVEL II

MILITARY SERVICE REPORTING SYSTEM

AD A077051

DDC
RECEIVED
NOV 21 1979
E

DDC FILE COPY



FOCUS ON THE TRAINED MAN

79 19 9 138

APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED.

OCTOBER 1979

TRAINING ANALYSIS AND EVALUATION GROUP

ORLANDO, FLORIDA 32813

(14) TAEG-TM-

(9) Technical Memorandum 79-6

(6) MILITARY SERVICE REPORTING SYSTEM •

(10) Carolyn M. Trotta

Training Analysis and Evaluation Group

(11) October 1979 (12) 121

GOVERNMENT RIGHTS IN DATA STATEMENT

Reproduction of this publication in whole or in part is permitted for any purpose of the United States Government.

Alfred F. Smode

ALFRED F. SMODE, Ph.D., Director
Training Analysis and Evaluation Group

Worth Scanland

WORTH SCANLAND, Ph.D.
Assistant Chief of Staff for
Research and Instructional Systems
Development
Chief of Naval Education and Training

407626

Technical Memorandum 79-6

TABLE OF CONTENTS

Section		Page
I	INTRODUCTION	3
	Purpose	3
	Background	3
	System Overview	3
	Future Enhancements	7
II	DATA BASE INITIALIZATION AND DESCRIPTION	9
III	USING THE MILSERV SOFTWARE	13
	Start-Up Procedures	13
	Activity File Subsystem	15
	Operating the MILSERV Edit Program	15
	Operating the MILSERV Print Program	17
	Operating Additional MILSERV Programs	41
	Additional Functional Command User Information	41
	Additional CNET User Information	44
APPENDIX A	Data Base Initialization/Edit Program Listing and Variable Definitions	49
APPENDIX B	Summary/Report Program Listing and Variable Definitions	67
APPENDIX C	Merge Program Listing and Variable Definitions	95
APPENDIX D	Print UIC List Program Listing and Variable Definitions	107
APPENDIX E	Verify UIC Data Entry Program Listing and Variable Definitions	115

Accession For
NTIS GRA&I
DDC TAB
Unannounced
Justification
By
Distribution/
Availability Codes
Dist | Avail and/or special
A

LIST OF ILLUSTRATIONS

Figure		Page
1	Original Military Service Report Form.	4
2	MILSERV System Diagram	5
3	MILSERV System Flowchart	14
4	MILSERV Edit Program Flowchart	16
5	Edit Display for a Military Service Record	17
6	MILSERV Print Program Flowchart.	18
7	Print Option 2 - Print Activities in UIC Sequence.	19
8	Print Option 3 - Print Activities in Program Element Sequence.	21
9	Print Option 4 - Print Activities in Subhead Sequence.	23
10	Print Option 5 - Print Activities in Subhead/Program Element Sequence	28
11	Sample of UIC Checklist Printout	42
12	Sample of UIC Data Entry Verification Printout	43
13	MILSERV Merge Program Flowchart.	45
14	Print Option 8 - Print a Special Program Package	46

LIST OF TABLES

Table		Page
1	Record Format for the Activity File.	10
2	Record Format for the MILSERV File	11

SECTION I

INTRODUCTION

PURPOSE

The purpose of this technical memorandum is to describe the automated Military Service Reporting System developed by the Training Analysis and Evaluation Group (TAEG) for use by the Chief of Naval Education and Training (CNET), Code N-6, and the functional commands required to submit data for this report to CNET. The information contained herein is intended for use by Navy managers, system analysts, programmers, and operating personnel.

BACKGROUND

The Military Service Report, NAVCOMPT Form 2182 (see figure 1), must be submitted by each operating budget holder having military personnel assigned as instructed in paragraph 601-7 of NAVSO P-3006-1 of 4 March 1976.

Prior to implementing the reporting system described herein, functional commands under CNET submitted manually prepared hard copies of NAVCOMPT Form 2182 to CNET monthly. At CNET, all data were keyed into the computer and reports printed using CNET-developed software. This was a labor intensive task for both the functional commands and CNET personnel.

The existing software was modified by TAEG to make the reporting system more compatible with the CNET Automated Budget System (CABS) which was described in TAEG Report No. 73.[1] This was accomplished by using the same activity file; by making displays, prompts, commands, and print options the same or similar; and by allowing for functional command submission on flexible disk in lieu of hard copy.

The task of developing and modifying the software required for this task was assigned to TAEG by CNET (N-6) in July 1979 and the initial delivery of the software package was in August 1979 for use beginning 1 October 1979.

SYSTEM OVERVIEW

The Military Service Report (MILSERV) software is a package of seven programs and two sets of data files. A system diagram is shown in figure 2. The programs are (1) a system start-up program, (2) an activity file edit/print program, (3) a data base initialization/edit program, (4) a summary/report print program, (5) a data merge program, (6) a checklist print program, and (7) a data entry verification program. The files are the activity file and military service file. Hardware required to use the system is a 2216A or 2236D CRT for displaying and editing, a WANG 2200 VP or MVP CPU, a flexible disk drive, and a WANG 2200 compatible printer for summary/report printing. The CNET master file requires the use of a 5 megabyte platter and compatible disk drive.

[1] M. G. Middleton, G. W. Hodak, and W. C. Rankin. The CNET Automated Budget System (CABS). TAEG Report No. 73. July 1979. Training Analysis and Evaluation Group, Orlando, FL 32813

NAVCOMPT FORM 2182 (REV. 9-68) (7000)
S/N-0104-706-2501

MILITARY SERVICE REPORT

NAVCOMPT 7000-17

FROM	TO	OB IDENTIFICATION	FOR MONTH OF
			REPORTING FISCAL OFFICER (Signature and rank)
		APPROPRIATION DATA	DATE OF SUBMISSION

BRANCH OF SERVICE	OFFICERS			ENLISTED			TOTALS			REMARKS
	CURRENT MONTH		CUMULATIVE COST TO DATE	CURRENT MONTH		CUMULATIVE COST TO DATE	CURRENT MONTH		CUMULATIVE COST TO DATE	
	NUMBER ON BOARD	MILITARY PERSONNEL COST		NUMBER ON BOARD	MILITARY PERSONNEL COST		NUMBER ON BOARD	MILITARY PERSONNEL COST		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
NAVY	*	*	*							
MARINE CORPS										
ARMY										
AIR FORCE										
TOTALS										
* FOOTNOTE: RPN TARS INCLUDED										

Figure 1. Original Military Service Report Form

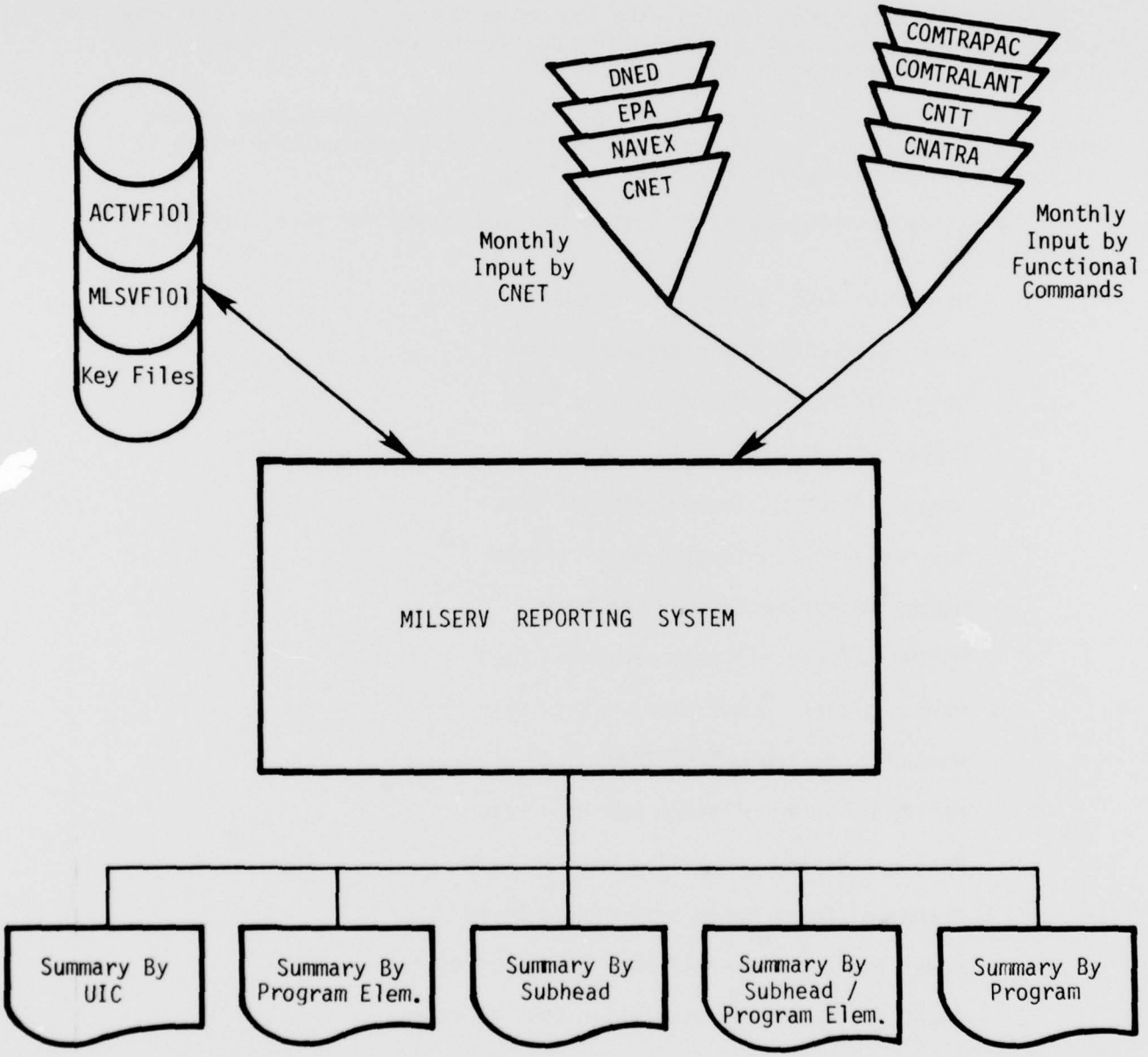


Figure 2. MILSERV System Diagram

The CNET master file was designed to hold data for 350 activities. Using the current system, the master file disk can store 10 years of data. The functional command files were designed to allow an increase of 25 percent more activities beyond the FY 79 submission.

Each MILSERV record contains data for an entire fiscal year. Since the software print package was designed using the three key files of the activity file, no sorting program or time is required.

All files for FY 80 were created at TAEG prior to distribution to the functional commands. The data for the activity files were entered using the list of activities submitting reports in FY 79.

The following information is stored for each month for each activity in the MILSERV file.

- Number of Navy officers on board
- Navy officer military personnel cost
- Navy officer cumulative cost to date
- Number of Navy enlisted on board
- Navy enlisted military personnel cost
- Navy enlisted cumulative cost to date
- Number of Marine officers on board
- Marine officer military personnel cost
- Marine officer cumulative cost to date
- Number of Marine enlisted on board
- Marine enlisted military personnel cost
- Marine enlisted cumulative cost to date
- Number of Coast Guard officers on board
- Coast Guard officer military personnel cost
- Coast Guard officer cumulative cost to date
- Number of Coast Guard enlisted on board
- Coast Guard enlisted military personnel cost
- Coast Guard enlisted cumulative cost to date.

FUTURE ENHANCEMENTS

The purpose of automating the entire Military Service Reporting System is to increase the speed and accuracy of reporting. Since the reporting system described herein is still subject to mail delivery schedules and the fragile nature of the disks being used, a telecommunications system would eliminate these outside factors (i.e. delay and error). A telecommunications system would also eliminate the need for merging files, thereby improving the reporting process even further. Additional software could be developed to allow functional commands to transmit data via phone lines directly to the CNET master file with a minimum of additional equipment.

SECTION II

DATA BASE INITIALIZATION AND DESCRIPTION

There are two data files required by the MILSERV system--the activity file, called ACTVF101, and the MILSERV file. The name of the MILSERV is MLSVF10 concatenated with the last digit of the current fiscal year.

The activity file is blocked two records per sector and each record contains a Unit Identification Code (UIC) and its program element, subhead, activity name, and space for a related UIC. It has three associated key files with keys being (1) the UIC, (2) the program element and UIC, and (3) the subhead, program element, and UIC. The MILSERV file requires four sectors per UIC. There is one associated key file using the UIC as the key. Along with the UIC and the date reviewed/revised, a record covers an entire fiscal year of data concerning number of Navy, Marine Corps, and Coast Guard officers and enlisted on board, the monthly military personnel cost for each, and the cumulative cost to date for each.

Each of these files is initialized using KFAM-5 initialization routines prior to start-up. The specifications for initialization are as follows:

ACTIVITY FILE:

User File Name	ACTVF101
Password	(none)
KFAM Blocking Type	A
Blocking Factor	2
Logical Record Length	124
Number of Key Files	3

KEY FILE #1:

Name of Key	UIC
Key Starting Position	18
Key Length	5

KEY FILE #2:

Name of Key	Program Element/UIC
Key Starting Position	13
Key Length	10

KEY FILE #3:

Name of Key	Subhead/Program Element/UIC
Key Starting Position	3
Key Length	20

MILSERV FILE:

File Name MLSVF100*
Password . . . . . (none)
KFAM Blocking Type . . . . . M
Sectors Per Record 4
Number of Key Files 1
Name of Key . . . . . UIC
Key Starting Position 3
Key Length 5

* File name for FY 80.

The data elements that make up the records in the activity file are shown in table 1. Table 2 shows the data elements that make up the records in the military service file.

TABLE 1. RECORD FORMAT FOR THE ACTIVITY FILE

Record Position	String Position	Length Of Fields	Bytes Packed	Description of Data Item	Comments
1	1,10	10	--	Subhead/Functional Cmnd	K3
2	11,5	5	--	Program Element	K3, K2
3	16,5	5	--	Mission UIC	K3, K2, K1
4	21,30	30	--	Activity Name	
5	51,5	5	--	UIC-2	
6	56,3	6	3	Date Reviewed/Revised	(mmddyy)
7	59,3	6	3	Date Generated	(mmddyy)

TABLE 2. RECORD FORMAT FOR THE MILSERV FILE

Record Position	String Position	Field Length	Bytes Packed	Description Of Data Item	Comments
1	1,5	5	--	UIC	Key
2	6,8	8	--	Date Reviewed	
3	14,51	51	--	Blank Filler	
4	65,3	6	3	# Navy officer	Month #1
5	68,4	8	4	Monthly cost	
6	72,5	10	5	Cumulative cost	
7	77,3	6	3	# Navy enlisted	
8	80,4	8	4	Monthly cost	
9	84,5	10	5	Cumulative cost	
10	89,3	6	3	# Marine officer	
11	92,4	8	4	Monthly cost	
12	96,5	10	5	Cumulative cost	
13	101,3	6	3	# Marine enlisted	
14	104,4	8	4	Monthly cost	
15	108,5	10	5	Cumulative cost	
16	113,3	6	3	# Coast Guard officer	
17	116,4	8	4	Monthly cost	
18	120,5	10	5	Cumulative cost	
19	125,3	6	3	# Coast Guard enlisted	
20	128,4	8	4	Monthly cost	
21	132,5	10	5	Cumulative cost	
22	137,24	48	24	Month 2 Navy	Monthly byte
23	161,24	48	24	Month 2 Marine	breakdown same
24	185,24	48	24	Month 2 Coast Guard	as for Month 1
25	209,72	144	72	Month 3 Data	
26	281,72	144	72	Month 4 Data	
27	353,72	144	72	Month 5 Data	
28	425,72	144	72	Month 6 Data	
29	497,72	144	72	Month 7 Data	
30	569,72	144	72	Month 8 Data	
31	641,72	144	72	Month 9 Data	
32	713,72	144	72	Month 10 Data	
33	785,72	144	72	Month 11 Data	
34	857,72	144	72	Month 12 Data	
35	929,96	96	--	Blank Filler	

SECTION III

USING THE MILSERV SOFTWARE

The MILSERV software system is completely menu driven and the screen displays are user oriented. Once the start-up program has been initialized, the operator is only required to input responses to options printed on the screen to load and run a required program or proceed with the next step in program execution.

START-UP PROCEDURES

After mounting a platter or flexible disk, the following steps should be taken to load start program:

1. Press CLEAR-RETURN
2. Select disk address of disk/platter
3. Press LOAD-RUN-RETURN

The first item to display on the screen is "Enter today's date (mm/dd/yy) ../../..". It is important that the date be correctly entered since the month initially displayed by the edit program and the month checked for zero data are determined by the date entered. The special function key EDIT may be used to correct date entry prior to pressing RETURN. After the date is entered, the next item displayed is "Enter the fiscal year of the data base." Entering the correct year here is crucial since the file opened by the MILSERV programs is determined by the last digit of the fiscal year entered. If during a program load operation, a message appears on the screen stating that "the file you are trying to open may not be on disk you are accessing," the reason could be an incorrect entry for the fiscal year. If this is the case, return to beginning of start procedure.

After fiscal year entry is made, the system menu is displayed as shown below. Figure 3 diagrams the options available under this system.

* * * CNET-N6 MILSERV SYSTEM MASTER MENU * * *

OPTIONS

1	-	LOAD ACTIVITY FILE Subsystem	(ACTVMENU)
2	-	EDIT/ENTER DATA FOR MILSERV REPORT 2182	(MLSVEDIT)
3	-	PRINT THE MILITARY SERVICE REPORT	(MLSVPRNT)
4	-	PRINT A LISTING OF UICs SUBMITTING 2182s	(MLSVPRT1)
5	-	MERGE INPUTS FROM FUNCTIONAL COMMANDS	(MERGE)
6	-	VERIFY ALL UICs ENTERED FOR CURRENT MONTH	(PRINTUIC)
99	-	** End of Session **	(HALT)

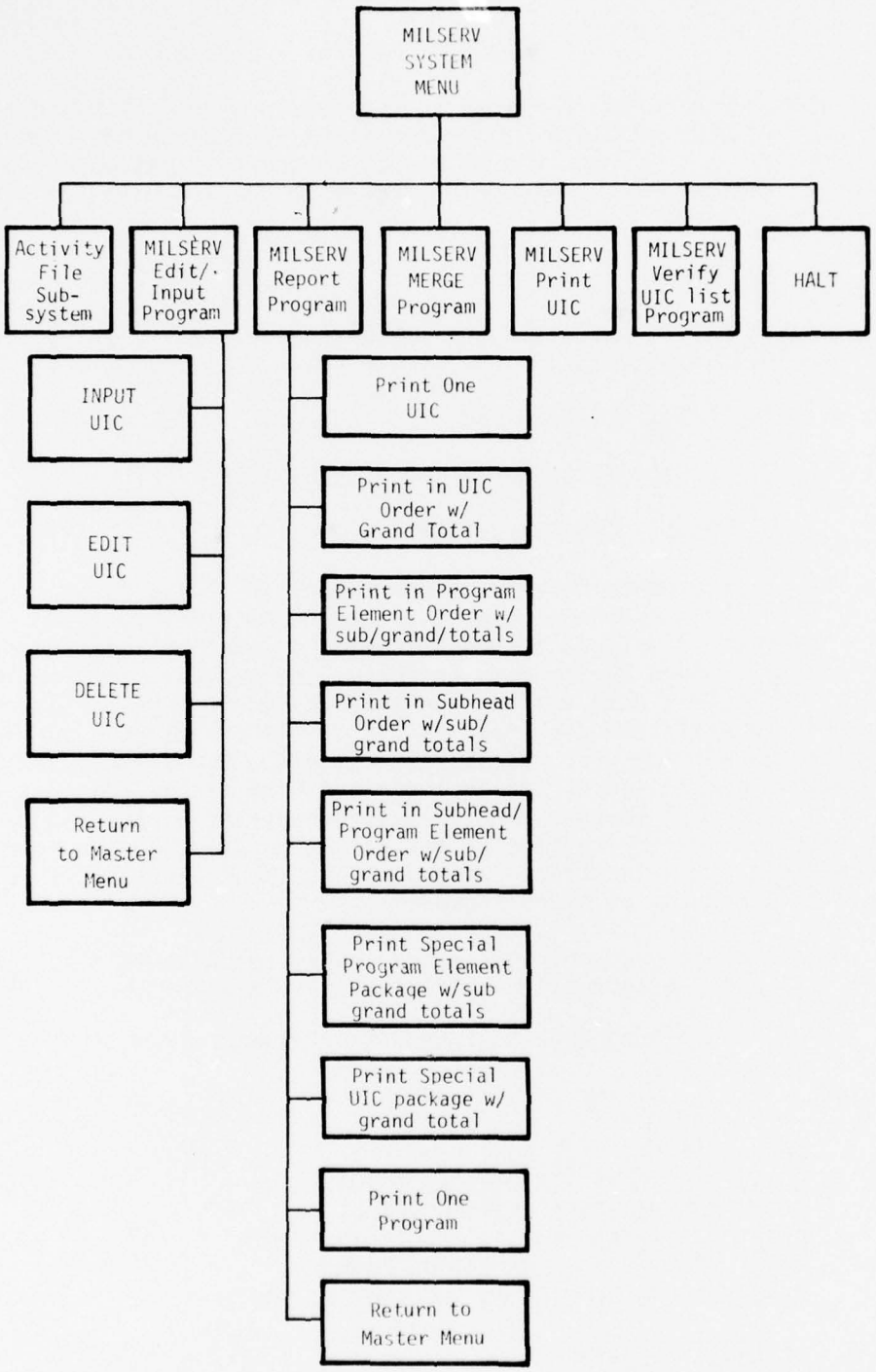


Figure 3. MILSERV System Flowchart

ACTIVITY FILE SUBSYSTEM

Option 1 allows for editing and printing the activity file subsystem. Use of this file is described in detail in TAEG Report No. 73 and therefore only the exception will be discussed here. The only variation in the use of the file is in the category of functional command. Previously an acronym was used for the functional command, but for the MILSERV system the four digit subhead code will precede an abbreviation (e.g., what was COMTRAPAC is now 6288 CTP). Accurate entries into this file are important since no UICs can be added to the MILSERV file unless the activity data is stored in this file.

OPERATING THE MILSERV EDIT PROGRAM

Choosing option 2 loads the MILSERV data base initialization/edit program (see figure 4). This program allows for (1) adding UICs to the file, (2) editing data for UICs already in the file, and (3) deleting UICs from the file.

If the operator chooses to edit UIC data using option 2, the question appears "DO YOU WANT TO EDIT CUMULATIVE COSTS?" An affirmative reply (press "Y" and RETURN) allows the operator the option of overriding the automatic totaling of cumulative costs during a line edit. A negative reply (press "N" and RETURN) allows the user to skip cumulative costs automatically during a line edit. Upon completion of the above, the UIC to edit is requested. After the UIC is entered, the edit display for the current month is shown on the screen (see figure 5). To view data for a previous month, press RETURN. To go forward, press "F" and RETURN. To obtain a hard copy of the data on the screen, press "P" and RETURN. To exit from the display without saving the data, press "A" and RETURN. To get off a line in the middle of an edit, type an "E" in the first space and then press RETURN. To save the data entered, press "Ø" and RETURN. If the option to edit cumulative costs was chosen and the totals entered do not match the automatically calculated totals, a display will appear on the bottom half of the screen showing what the totals should be and what they currently are. This display will also appear if the operator goes past the current month and attempts a save.

NOTE: Updating a prior month does not change successive month cumulative costs. To update these, edit each line of the succeeding months.

If at any time during running programs the operator desires to return to the last menu, pressing special function key 15 (SF15) will return the program to the previous menu.

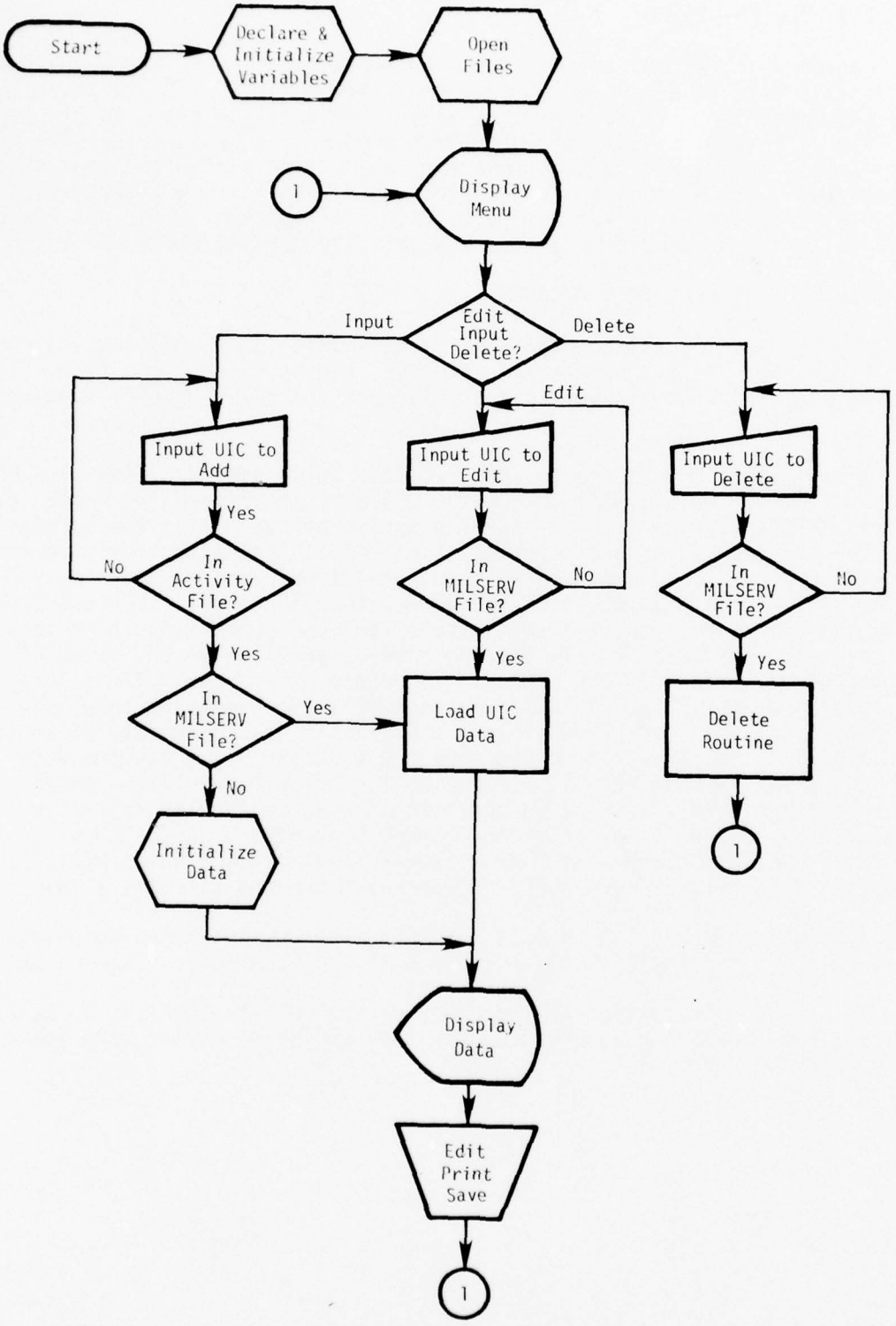


Figure 4. MILSERV Edit Program Flowchart

FOR MONTH OF OCTOBER 1979 DATE REVIEWED/REVISED 10/15/79
1 UIC 42149 FLETRACEN SAN DIEGO PROG ELEM 84731 SH 6288 CTP

BRANCH OF SERVICE	OFFICERS			ENLISTED		
	NUMBER	MO COST	CUM COST	NUMBER	MO COST	CUM COST
2 NAVY	30	51,120	434,520	66	55,176	468,996
3 MARINE CORPS	0	0	0	0	0	0
4 COAST GUARD	9	15,336	130,356	0	0	0
TOTAL	39	66,456	564,876	66	55,176	468,996

ENTER LINE NUMBER, A--ABORT, P--PRINT, RETURN--PRIOR MONTH, F--NEXT MONTH,
0--SAVE DATA?

Figure 5. Edit Display for a Military Service Record

OPERATING THE MILSERV PRINT PROGRAM

Option 3 of the start menu loads the summary/report print program (see figure 6). The operator has a choice of the month to print and eight summary/report options. The print program menu is displayed below.

* * * * MILSERV PRINT PROGRAM * * * *

OPTION NO.	DESCRIPTION
1	Print one activity
2	Print activities in UIC sequence
3	Print activities in program element sequence
4	Print activities in subhead sequence
5	Print activities in subhead/prog elem sequence
6	Print special program element packages
7	Print special UIC packages
8	Print a special program package
9	Return to MILSERV Menu

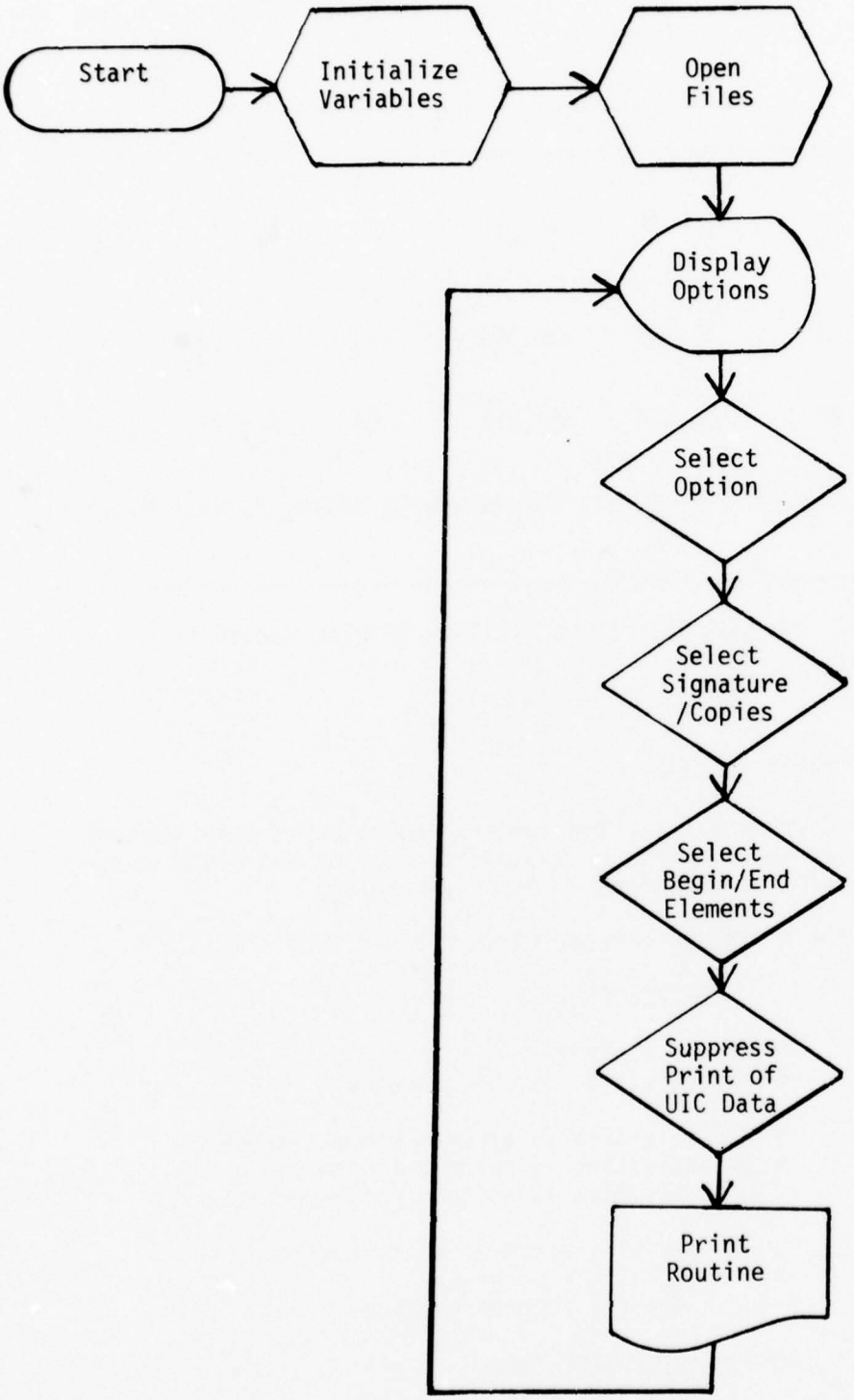


Figure 6. MILSERV Print Program Flowchart

MILITARY SERVICE REPORT August

UIC: 00948 FLEASWTRACENPAC SAN DIEGO PE: 85796 SH: 6288 CTP

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	10	17,040	144,840	30	25,080	213,180	40	42,120	358,020
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	10	17,040	144,840	30	25,080	213,180	40	42,120	358,020

UIC: 0387A FITCLANT PE: 84733 SH: 6286 CTL

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	3	5,112	43,452	3	2,508	21,318	6	7,620	64,770
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	3	5,112	43,452	3	2,508	21,318	6	7,620	64,770

UIC: 0388A FITCPAC PE: 84733 SH: 6288 CTP

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	3	5,112	43,452	9	7,524	63,954	12	12,636	107,406
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	3	5,112	43,452	9	7,524	63,954	12	12,636	107,406

Figure 7. Print Option 2 - Print Activities in UIC Sequence

MILITARY SERVICE REPORT August

UIC: 0401A TRARON 22 KINGSVILLE PE: 84741 SH: 6282 CNAT

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	10	17,040	144,840	30	25,080	213,180	40	42,120	358,020
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	10	17,040	144,840	30	25,080	213,180	40	42,120	358,020

UIC: 35358 NAVEXCH NETC NEWPORT PE: 72896 SH: 6270 NAVEX

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535

GRAND TOTAL

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	41	77,975	662,789	112	93,525	794,962	153	171,500	1,457,751
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	41	77,975	662,789	112	93,525	794,962	153	171,500	1,457,751

Figure 7. Print Option 2 - Print Activities in UIC Sequence (continued)

MILITARY SERVICE REPORT August

SUBTOTAL FOR: 72896

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535

SUBTOTAL FOR: 84721

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	2	34,086	289,731	6	5,016	42,636	8	39,102	332,367
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	2	34,086	289,731	6	5,016	42,636	8	39,102	332,367

SUBTOTAL FOR: 84723

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	1	1,704	14,484	1	836	7,106	2	2,540	21,590
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	1	1,704	14,484	1	836	7,106	2	2,540	21,590

Figure 8. Print Option 3 - Print Activities in Program Element Sequence

MILITARY SERVICE REPORT August

SUBTOTAL FOR: 84731

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	30	51,120	434,520	66	55,176	468,996	96	106,296	903,516
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	10	17,040	144,840	10	8,360	71,060	20	25,400	215,900
TOTALS	40	68,160	579,360	76	63,536	540,056	116	131,696	1,119,416

SUBTOTAL FOR: 84733

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	6	10,224	86,904	12	10,032	85,272	18	20,256	172,176
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	6	10,224	86,904	12	10,032	85,272	18	20,256	172,176

GRAND TOTAL

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	54	130,805	1,111,844	125	104,393	887,340	179	235,198	1,999,184
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	10	17,040	144,840	10	8,360	71,060	20	25,400	215,900
TOTALS	64	147,845	1,256,684	135	112,753	958,400	199	260,598	2,215,084

Figure 8. **Print Option 3 - Print Activities in Program Element Sequence (continued)**

MILITARY SERVICE REPORT August

SUBTOTAL FOR: 6270 NAVEX

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535

PROGRAM 7 TOTALS

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535

SUBTOTAL FOR: 6281 CNLT

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	30	51,120	434,520	66	55,176	468,996	96	106,296	903,516
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	30	51,120	434,520	66	55,176	468,996	96	106,296	903,516

Figure 9. Print Option 4 - Print Activities in Subhead Sequence

MILITARY SERVICE REPORT August

SUBTOTAL FOR: 6282 CNAT

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	10	17,040	144,840	30	25,080	213,180	40	42,120	358,020
MARINE CORPS	3	5,112	43,452	9	7,524	63,954	12	12,636	107,406
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	13	22,152	188,292	39	32,604	277,134	52	54,756	465,426

SUBTOTAL FOR: 6283 FIC

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	6	10,224	86,904	6	5,016	42,636	12	15,240	129,540
MARINE CORPS	7	11,928	101,388	9	7,524	63,954	16	19,452	165,342
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	13	22,152	188,292	15	12,540	106,590	28	34,692	294,882

SUBTOTAL FOR: 6284 CNTI

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	5	39,198	333,183	12	10,032	85,272	17	49,230	418,455
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	2	3,408	28,968	15	12,540	106,590	17	15,948	135,558
TOTALS	7	42,606	362,151	27	22,572	191,862	34	65,178	554,013

Figure 9. Print Option 4 - Print Activities in Subhead Sequence (continued)

MILITARY SERVICE REPORT August

SUBTOTAL FOR: 6286 CTL

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	3	5,112	43,452	3	2,508	21,318	6	7,620	64,770
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	9	15,336	130,356	7	5,852	49,742	16	21,188	180,098
TOTALS	12	20,448	173,808	10	8,360	71,060	22	28,808	244,868

SUBTOTAL FOR: 6287 CNETS

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	9	15,336	130,356	13	10,868	92,378	22	26,204	222,734
MARINE CORPS	7	11,928	101,388	12	10,032	85,272	19	21,960	186,660
COAST GUARD	1	1,704	1,704	4	2,544	21,624	5	4,248	23,328
TOTALS	17	28,968	233,448	29	23,444	199,274	46	52,412	432,722

SUBTOTAL FOR: 6288 CTP

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	43	73,272	622,812	105	87,780	746,130	148	161,052	1,368,942
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	43	73,272	622,812	105	87,780	746,130	148	161,052	1,368,942

Figure 9. **Print Option 4 - Print Activities** in Subhead Sequence (continued)

MILITARY SERVICE REPORT August

SUBTOTAL FOR: 6289 NROTC

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	1	1,704	14,484	1	836	7,106	2	2,540	21,590
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	1	1,704	14,484	1	836	7,106	2	2,540	21,590

PROGRAM 8 TOTALS

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	122	246,677	2,096,756	276	230,629	1,960,346	398	477,306	4,057,102
MARINE CORPS	17	28,968	246,228	30	25,080	213,180	47	54,048	459,408
COAST GUARD	12	20,448	161,028	26	20,936	177,956	38	41,384	338,984
TOTALS	151	296,093	2,504,012	332	276,645	2,351,482	483	572,738	4,855,494

SUBTOTAL FOR: 6292 EPA

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	0	0	0	0	0	0	0	0	0
MARINE CORPS	3	5,112	43,452	7	5,852	49,742	10	10,964	93,194
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	3	5,112	43,452	7	5,852	49,742	10	10,964	93,194

Figure 9. Print Option 4 - Print Activities in Subhead Sequence (continued)

MILITARY SERVICE REPORT August

SUBTOTAL FOR: 6293 DNED

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	1	1,704	14,484	1	836	7,106	2	2,540	21,590
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	1	1,704	14,484	1	836	7,106	2	2,540	21,590

PROGRAM 9 TOTALS

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	123	248,381	2,111,240	277	231,465	1,967,452	400	479,846	4,078,692
MARINE CORPS	20	34,080	289,680	37	30,932	262,922	57	65,012	552,602
COAST GUARD	12	20,448	161,028	26	20,936	177,956	38	41,384	338,984
TOTALS	155	302,909	2,561,948	340	283,333	**2,408,330**	495	586,242	4,970,278

Figure 9. Print Option 4 - Print Activities in Subhead Sequence (continued)

MILITARY SERVICE REPORT August

SUBTOTAL FOR: 72896 SUBHEAD: 6270 NAVEX

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535

SUBTOTAL FOR: 6270 NAVEX

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535

PROGRAM 7 TOTALS

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535

Figure 10. Print Option 5 - Print Activities in Subhead/Program Element Sequence

NAVCOMPT FORM 2182 (REV 9-68) (7000)

MILITARY SERVICE REPORT

NAVCOMPT 7000-17

From:
Chief of Naval Education & Training
Naval Air Station
Pensacola, FL 32508

To:
Commander Naval Military
Personnel Command
OP 131-C2 Room 3704
Arlington Annex
Washington, DC 20370
ATTN: T. Walsh

OB Identification
00062

Appropriation Data
1701804.6270

For month of August

Reporting Fiscal Officer

J. REYL
ACOS for Resources Management

Date of Submission
25 August 1980

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535

* Footnote:
RPN TARS Included

Figure 10. Print Option 5 - Print Activities in Subhead/Program Element Sequence (continued)

MILITARY SERVICE REPORT August

SUBTOTAL FOR: 85738 SUBHEAD: 6281 CNET

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	30	51,120	434,520	66	55,176	468,996	96	106,296	903,516
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	30	51,120	434,520	66	55,176	468,996	96	106,296	903,516

SUBTOTAL FOR: 6281 CNET

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	30	51,120	434,520	66	55,176	468,996	96	106,296	903,516
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	30	51,120	434,520	66	55,176	468,996	96	106,296	903,516

SUBTOTAL FOR: 84741 SUBHEAD: 6282 CNAT

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	10	17,040	144,840	30	25,080	213,180	40	42,120	358,020
MARINE CORPS	3	5,112	43,452	9	7,524	63,954	12	12,636	107,406
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	13	22,152	188,292	39	32,604	277,134	52	54,756	465,426

Figure 10. Print Option 5 - Print Activities in Subhead/Program Element Sequence (continued)

MILITARY SERVICE REPORT August

SUBTOTAL FOR: 6282 CNAT

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	10	17,040	144,840	30	25,080	213,180	40	42,120	358,020
MARINE CORPS	3	5,112	43,452	9	7,524	63,954	12	12,636	107,406
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	13	22,152	188,292	39	32,604	277,134	52	54,756	465,426

SUBTOTAL FOR: 85796 SUBHEAD: 6283 FIC

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	6	10,224	86,904	6	5,016	42,636	12	15,240	129,540
MARINE CORPS	7	11,928	101,388	9	7,524	63,954	16	19,452	165,342
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	13	22,152	188,292	15	12,540	106,590	28	34,692	294,882

SUBTOTAL FOR: 6283 FIC

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	6	10,224	86,904	6	5,016	42,636	12	15,240	129,540
MARINE CORPS	7	11,928	101,388	9	7,524	63,954	16	19,452	165,342
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	13	22,152	188,292	15	12,540	106,590	28	34,692	294,882

Figure 10. Print Option 5 - Print Activities in Subhead/Program Element Sequence (continued)

MILITARY SERVICE REPORT August

SUBTOTAL FOR: 84721 SUBHEAD: 6284 CNTT

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	5	39,198	333,183	12	10,032	85,272	17	49,230	418,455
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	2	3,408	28,968	15	12,540	106,590	17	15,948	135,558
TOTALS	7	42,606	362,151	27	22,572	191,862	34	65,178	554,013

SUBTOTAL FOR: 6284 CNTT

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	5	39,198	333,183	12	10,032	85,272	17	49,230	418,455
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	2	3,408	28,968	15	12,540	106,590	17	15,948	135,558
TOTALS	7	42,606	362,151	27	22,572	191,862	34	65,178	554,013

SUBTOTAL FOR: 84731 SUBHEAD: 6286 CTL

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	3	5,112	43,452	3	2,508	21,318	6	7,620	64,770
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	9	15,336	130,356	7	5,852	49,742	16	21,188	180,098
TOTALS	12	20,448	173,808	10	8,360	71,060	22	28,808	244,868

Figure 10. Print Option 5 - Print Activities in Subhead/Program Element Sequence (continued)

MILITARY SERVICE REPORT August

SUBTOTAL FOR: 6286 CTL

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	3	5,112	43,452	3	2,508	21,318	6	7,620	64,770
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	9	15,336	130,356	7	5,852	49,742	16	21,188	180,098
TOTALS	12	20,448	173,808	10	8,360	71,060	22	28,808	244,868

SUBTOTAL FOR: 8579C SUBHEAD: 6287 CNETS

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	9	15,336	130,356	13	10,868	92,378	22	26,204	222,734
MARINE CORPS	7	11,928	101,388	12	10,032	85,272	19	21,960	186,660
COAST GUARD	1	1,704	1,704	4	2,544	21,624	5	4,248	23,328
TOTALS	17	28,968	233,448	29	23,444	199,274	46	52,412	432,722

SUBTOTAL FOR: 6287 CNETS

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	9	15,336	130,356	13	10,868	92,378	22	26,204	222,734
MARINE CORPS	7	11,928	101,388	12	10,032	85,272	19	21,960	186,660
COAST GUARD	1	1,704	1,704	4	2,544	21,624	5	4,248	23,328
TOTALS	17	28,968	233,448	29	23,444	199,274	46	52,412	432,722

Figure 10. Print Option 5 - Print Activities in Subhead/Program Element Sequence (continued)

MILITARY SERVICE REPORT August

SUBTOTAL FOR: 84731 SUBHEAD: 6288 CTP

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	43	73,272	622,812	105	87,780	746,130	148	161,052	1,368,942
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	43	73,272	622,812	105	87,780	746,130	148	161,052	1,368,942

SUBTOTAL FOR: 6288 CTP

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	43	73,272	622,812	105	87,780	746,130	148	161,052	1,368,942
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	43	73,272	622,812	105	87,780	746,130	148	161,052	1,368,942

SUBTOTAL FOR: 84723 SUBHEAD: 6289 NROTC

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	1	1,704	14,484	1	836	7,106	2	2,540	21,590
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	1	1,704	14,484	1	836	7,106	2	2,540	21,590

Figure 10. Print Option 5 - Print Activities in Subhead/Program Element Sequence (continued)

MILITARY SERVICE REPORT August

SUBTOTAL FOR: 6283 NROTC

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	1	1,704	14,484	1	836	7,106	2	2,540	21,590
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	1	1,704	14,484	1	836	7,106	2	2,540	21,590

PROGRAM 8 TOTALS

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	107	213,006	1,810,551	236	197,296	1,677,016	343	410,302	3,487,567
MARINE CORPS	17	28,968	246,228	30	25,080	213,180	47	54,048	459,408
COAST GUARD	12	20,448	161,028	26	20,936	177,956	38	41,384	338,984
TOTALS	136	262,422	2,217,807	292	243,312	2,068,152	428	505,734	4,285,959

Figure 10. Print Option 5 - Print Activities in Subhead/Program Element Sequence (continued)

NAVCOMPT FORM 2182 (REV 9-68) (7000)

NAVCOMPT 7000-17

MILITARY SERVICE REPORT

From:
Chief of Naval Education & Training
Naval Air Station
Pensacola, FL 32508

To:
Commander Naval Military
Personnel Command
OP 131-C2 Room 3704
Arlington Annex
Washington, DC 20370
ATTN: T. Walsh

OB Identification
00062

Appropriation Data
1701804.6280

For month of August

Reporting Fiscal Officer

J. HEYL
ACOS for Resources Management

Date of Submission
25 August 1980

	OFFICERS			ENLISTED			TOTALS		
BRANCH OF SERVICE	NUMBER ON BOARD	CURRENT MONTH MILITARY PERSONNEL COST	CUMULATIVE COST TO DATE	NUMBER ON BOARD	CURRENT MONTH MILITARY PERSONNEL COST	CUMULATIVE COST TO DATE	NUMBER ON BOARD	CURRENT MONTH MILITARY PERSONNEL COST	CUMULATIVE COST TO DATE
NAVY	107	213,006	1,810,551	236	197,296	1,677,016	343	410,302	3,487,567
MARINE CORPS	17	28,968	246,228	30	25,080	213,180	47	54,048	459,408
COAST GUARD	12	20,448	161,028	26	20,936	177,956	38	41,384	338,984
TOTALS	136	262,422	2,217,807	292	243,312	2,068,152	428	505,734	4,285,959

* Footnote:
RPN TARS Included

Figure 10. Print Option 5 - Print Activities in Subhead/Program Element Sequence (continued)

MILITARY SERVICE REPORT August

SUBTOTAL FOR: 91214 SUBHEAD: 6232 EPA

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	0	0	0	0	0	0	0	0	0
MARINE CORPS	3	5,112	43,452	7	5,852	49,742	10	10,964	93,194
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	3	5,112	43,452	7	5,852	49,742	10	10,964	93,194

SUBTOTAL FOR: 6232 EPA

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	0	0	0	0	0	0	0	0	0
MARINE CORPS	3	5,112	43,452	7	5,852	49,742	10	10,964	93,194
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	3	5,112	43,452	7	5,852	49,742	10	10,964	93,194

SUBTOTAL FOR: 91214 SUBHEAD: 6239 DNED

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	1	1,704	14,484	1	836	7,106	2	2,540	21,590
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	1	1,704	14,484	1	836	7,106	2	2,540	21,590

Figure 10. Print Option 5 - Print Activities in Subhead/Program Element Sequence (continued)

MILITARY SERVICE REPORT August

SUBTOTAL FOR: 6239 DNCD

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	1	1,704	14,484	1	836	7,106	2	2,540	21,590
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	1	1,704	14,484	1	836	7,106	2	2,540	21,590

PROGRAM 9 TOTALS

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	1	1,704	14,484	1	836	7,106	2	2,540	21,590
MARINE CORPS	3	5,112	43,452	7	5,852	49,742	10	10,964	93,194
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	4	6,816	57,936	8	6,688	56,848	12	13,504	114,784

Figure 10. Print Option 5 - Print Activities in Subhead/Program Element Sequence (continued)

NAVCOMPT FORM 2182 (REV 9-68) (7000)

NAVCOMPT 7000-17

MILITARY SERVICE REPORT

From:
Chief of Naval Education & Training
Naval Air Station
Pensacola, FL 32508

To:
Commander Naval Military
Personnel Command
OP 131-C2 Room 3704
Arlington Annex
Washington, DC 20370
ATTN: T. Walsh

OB Identification
00062

Appropriation Data
1701804.6290

For month of August

Reporting Fiscal Officer

J. HEYL
ACOS for Resources Management

Date of Submission
25 August 1980

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	1	1,704	14,484	1	836	7,106	2	2,540	21,590
MARINE CORPS	3	5,112	43,452	7	5,852	43,742	10	10,964	93,194
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	4	6,816	57,936	8	6,688	56,848	12	13,504	114,784

* Footnote:
RPN TARS Included

Figure 10. Print Option 5 - Print Activities in Subhead/Program Element Sequence (continued)

MILITARY SERVICE REPORT August

CNET GRAND TOTAL

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	123	248,381	2,111,240	277	231,465	1,967,452	400	479,846	4,078,692
MARINE CORPS	20	34,080	289,680	37	30,932	262,922	57	65,012	552,602
COAST GUARD	12	20,448	161,028	26	20,936	177,950	38	41,384	338,984
TOTALS	155	302,909	2,561,948	340	283,333	2,408,330	495	586,242	4,970,278

Figure 10. Print Option 5 - Print Activities in Subhead/Program Element Sequence (continued)

Option 1 prints chosen month data for a specific UIC. Option 2 prints in UIC order with a grand total for UICs printed (see figure 7). Option 3 prints in UIC order within program element sequence with a subtotal for each program element and a grand total (see figure 8). Option 4 prints in subhead sequence with a subtotal for each subhead and a summary and NAVCOMPT Form 2182 each time the program number changes (see figure 9). Option 5 prints in subhead sequence with a subtotal for each program element within the subhead, a subtotal for each subhead, a summary and a report NAVCOMPT Form 2182 when the program number changes, and a grand total (see figure 10). Options 6 and 7 allow for out of sequence printing of the elements named with totals as described in their sequence counterparts (see figures 7 and 8). Option 8 is for CNET use only and will be described further in another section. Options 2 through 8 allow for suppressing the printout of individual UIC data within each category. Options 2 through 5 allow for choosing a starting and ending element. Options 6, 7, and 8 print only the elements requested.

OPERATING ADDITIONAL MILSERV PROGRAMS

Option 4 in the start program menu prints a list of UICs from the activity file as a checklist for verifying submission of data monthly from each UIC. This list is printed in subhead sequence, with each program element and UIC as well as a set of 12 blanks for monthly check off (see figure 11).

Option 5 allows CNET personnel to merge monthly inputs from functional commands with data from past months and other UIC data. This program will be discussed further in another section.

Option 6 of the start program checks UICs in the activity file and MILSERV file and prints a list of UICs that are not in the MILSERV file but are in the activity file (see figure 12). It also checks the current month data for each UIC in the MILSERV file for zero data. If data for a month is all zeroes, that UIC is listed under that heading in the printout.

ADDITIONAL FUNCTIONAL COMMAND USER INFORMATION

The Military Service Reporting System software distributed to the functional commands is essentially the same as the CNET software and is to be used as described in the general information user guide with two exceptions. Functional commands have no need for the merge program and therefore they did not receive this program. Since a functional command falls under the same program number, all uses of the program number were disabled including option 8 of the summary/report menu. Functional commands can print summaries but will not be able to generate a NAVCOMPT Form 2182.

Functional commands will key their monthly data to flexible disk. After data entry is completed, a backup of the disk should be made and retained at the command. The original disk will then be mailed to CNET N-6 for merging. After data is merged, the disk will be returned to the functional command. The disk should be verified upon receipt for possible disk hardware errors. If a disk hardware error occurs, the command should create another copy of the disk from the backup disk retained by the command.

LIST OF UICS SUBMITTING 2182 DATA

SUBHEAD	PROG ELEM	UIC	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT
6270 NAVEX	72896	35358												
6281 CNET	85798	00062												
6282 CNAT	84741	0401A												
6282 CNAT	84742	68480												
6283 FIC	85796	68566												
6284 CNTT	84721	66128												
6284 CNTT	84731	42114												
6284 CNTT	85796	00210												
6286 CTL	84731	42145												
6286 CTL	84733	0387A												
6287 CNETS	85796	68322												
6287 CNETS	89731	42121												
6288 CTP	84731	42149												
6288 CTP	84733	0388A												
6288 CTP	85796	00948												
6289 NROTC	84723	63220												
6289 NROTC	84723	63231												
6292 EPA	91214	6311A												
6299 DNED	91214	6172A												

NUMBER OF UIC'S SUBMITTING 2182'S 19

Figure 11. Sample of UIC Checklist Printout

VERIFICATION OF UICS SUBMITTING DATA FOR CURRENT MONTH

UICS IN ACTIVITY FILE BUT NOT ENTERED IN MILSERV FILE

00204	00216	00247	00281	00639	00750	0393A	0394A	0395A	0397A	0398A	0399A
0400A	0402A	0403A	0404A	0405A	0406A	0407A	0410A	0411A	0580A	0581A	0610A
0612A	0613A	0614A	0617A	0618A	0753A	0760A	0763A	09177	09239	09251	09350
10151	30352	30362	30364	30405	30929	31954	32739	33271	33273	33275	33276
33279	33280	33281	33283	35023	35287	35577	39037	41477	41603	42084	42085
42086	42087	42089	42090	42091	42093	42094	42095	42096	42097	42103	42105
42106	42108	42110	42112	42113	42115	42116	42117	42118	42119	42130	42132
42135	42136	42139	42140	42141	42142	42143	42146	42147	42148	42150	42152
42155	42156	42525	42851	42852	52812	52813	52814	52838	52902	60241	60376
60508	61339	61665	61690	61720	61797	62191	62229	62271	62603	62639	62640
62661	62741	62750	62985	62986	62987	63015	63018	63021	63043	63082	63093
63094	63096	63110	63111	63115	63118	6311C	63154	63159	63190	63209	63210
63211	63212	63213	63214	63215	63216	63217	63218	63219	63221	63222	63223
63224	63225	63226	63227	63228	63229	63230	63232	63234	63235	63290	63291
63294	63295	63296	63299	63301	63303	63304	63306	63307	63308	63309	63310
63311	63313	63315	63316	63317	63322	63325	63370	63401	64165	64181	64270
64272	64356	64392	64619	65198	65522	65914	65925	65928	65930	65931	65971
66074	66264	66265	66267	66268	66269	66271	66273	66283	66288	66612	66753
66809	66810	66896	67290	67389	67441	6804A	68055	68064	68072	68139	68141
68260	68303	68317	68355	68540	68552						

UICS WITH ZERO DATA FOR CURRENT MONTH

00062	00210	00948	0387A	0388A	0401A	35358	42114	42121	42145	42149	6172A
6311A	63220	63231	66128	68322	68480	68566					

Figure 12. Sample of UIC Data Entry Verification Printout

ADDITIONAL CNET USER INFORMATION

After loading the merge program (see figure 13), enter disk addresses of the functional command disk and master file. This program will merge data in both the activity files and the MILSERV file to ensure proper updating of the master activity file. The merge program adds UIC records to the file that were not previously included and replaces entire records for UICs that were previously on file. Since the replace mode does not change current month data only, users at CNET should be aware of this feature in case a functional command changes prior month data.

CNET users of the report program have the option of generating 0 to 5 copies of NAVCOMPT Form 2182 automatically. There is also an option to choose whose signature will be used on the report. A report is automatically generated in report options 4, 5, and 8 for each program unless zero copies are requested. Print option 8 (see figure 14) allows CNET users to select a specific program number to print a report for instead of printing all three program numbers. The printing sequence for option 8 is the same as for print option 5.

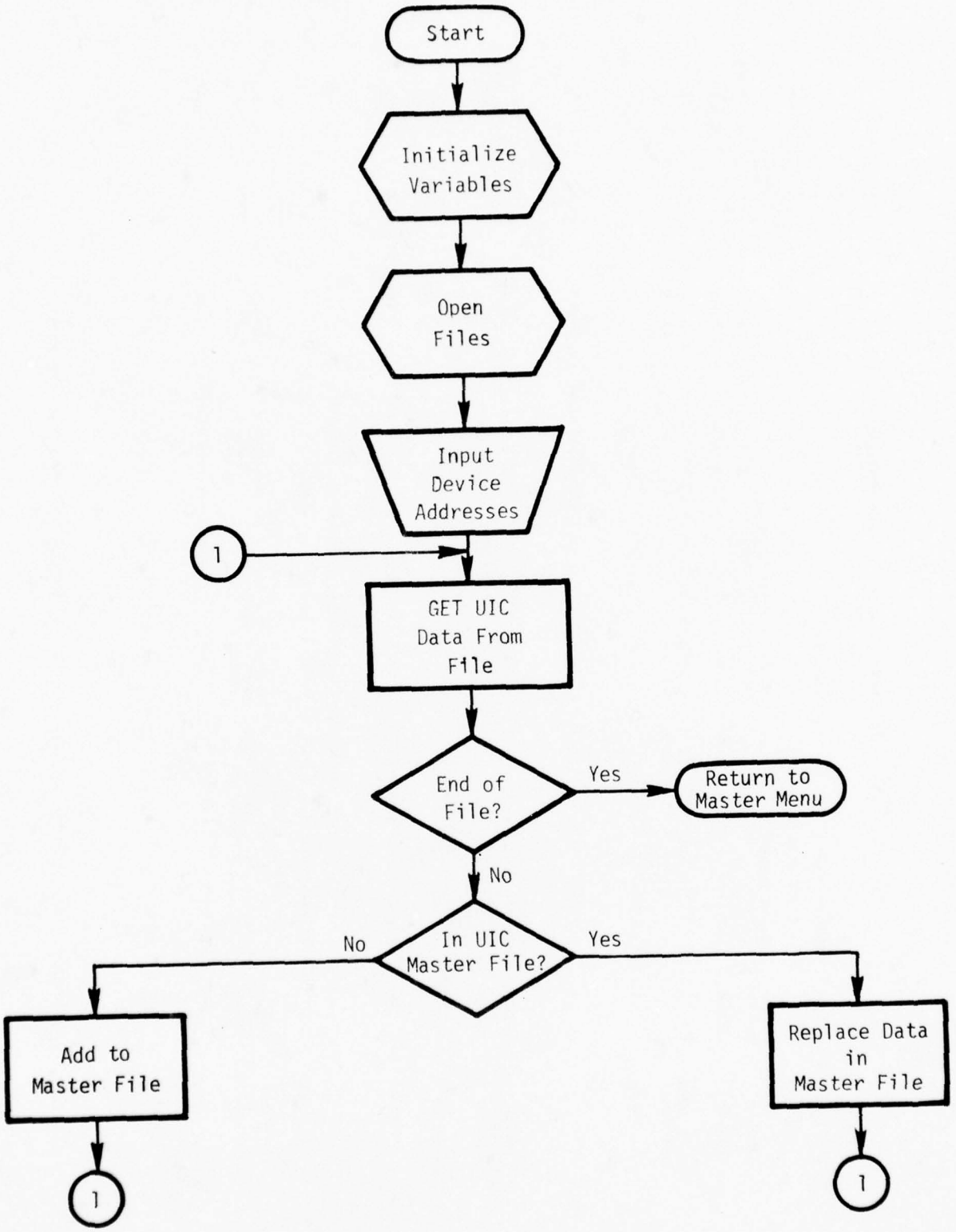


Figure 13. MILSERV Merge Program Flowchart

MILITARY SERVICE REPORT August

UIC: 35358 NAVEXCH NETC NEWPORT PE: 72896 SH: 6270 NAVEX

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535

SUBTOTAL FOR: 72896 SUBHEAD: 6270 NAVEX

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535

SUBTOTAL FOR: 6270 NAVEX

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535

Figure 14. Print Option 8 - Print a Special Program Package

MILITARY SERVICE REPORT August

PROGRAM 7 TOTALS

BRANCH OF SERVICE	OFFICERS NUMBER ON BOARD	OFFICERS CURRENT MONTH MILITARY PERSONNEL COST	OFFICERS CUMULATIVE COST TO DATE	ENLISTED NUMBER ON BOARD	ENLISTED CURRENT MONTH MILITARY PERSONNEL COST	ENLISTED CUMULATIVE COST TO DATE	TOTALS NUMBER ON BOARD	TOTALS CURRENT MONTH MILITARY PERSONNEL COST	TOTALS CUMULATIVE COST TO DATE
NAVY	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535

Figure 14. Print Option 8 - Print a Special Program Package (continued)

NAVCOMPT FORM 2182 (REV 9-68) (7000)

NAVCOMPT 7000-17

MILITARY SERVICE REPORT

From:
Chief of Naval Education & Training
Naval Air Station
Pensacola, FL 32508

To:
Commander Naval Military
Personnel Command
OP 131-C2 Room 3704
Arlington Annex
Washington, DC 20370
ATTN: T. Walsh

DB Identification
00062

Appropriation Data
1701804.6270

For month of August

Reporting Fiscal Officer

J. HEYL
ACOS for Resources Management

Date of Submission
25 August 1980

	OFFICERS			ENLISTED			TOTALS		
BRANCH OF SERVICE	NUMBER ON BOARD	CURRENT MONTH MILITARY PERSONNEL COST	CUMULATIVE COST TO DATE	NUMBER ON BOARD	CURRENT MONTH MILITARY PERSONNEL COST	CUMULATIVE COST TO DATE	NUMBER ON BOARD	CURRENT MONTH MILITARY PERSONNEL COST	CUMULATIVE COST TO DATE
NAVY	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535
MARINE CORPS	0	0	0	0	0	0	0	0	0
COAST GUARD	0	0	0	0	0	0	0	0	0
TOTALS	15	33,671	286,205	40	33,333	283,330	55	67,004	569,535

* Footnote:
RPN TARS Included

Figure 14. Print Option 8 - Print a Special Program Package (continued)

APPENDIX A

DATA BASE INITIALIZATION/EDIT PROGRAM LISTING AND VARIABLE DEFINITIONS

MILSERV EDIT PROGRAM <MLSVEDIT>

```
0010 % CNET N-6    MILITARY SERVICE REPORT INPUT/EDIT PROGRAM        VERSION 1.0
                        "MLSVEDIT" 8/09/79 (26K)
0020 REM                                                          ; KFAM VARIABLES

   : DIM T0$17,V9,V7$8
0030 DIM Q0$(4)60,Q9$2,V3$2,Q3$2,V8$1,V6$1,Q4$2,V5$1
0040 DIM V7$(8)8,V8(8),V0$(8)24,T5$(8)58,T6$(8)3
   : DIM V2$2,Q2$2,T8,T2$2,T0,T8$1,T$(3)48
   : DIM Q3,V6,T5$10,Q8$22,T3$3,T7$30,V,T2,V7,Q,V1,Q0$3,V4$4,V$18
0050 DIM S2,T1,V0$2,T$8,T2$(8)2,Q2,Q$1,T9,T1$30,T9$2,V0
   : DIM T1$(1)2,T6,T4$3,T0$(4)60,T4,T3,T5,V9$2,T
0060 REM                                                          ; LOCAL VARIABLES

   : DIM A$(3)12,U$5,N$(2)124,K$1,Y$9,U1$5,A4$1,A1(36,6),R$1
0070 DIM A(36,6),C$(16)64,C1$(1)30,F9$8,F8$2
0080 DIM I$(3),E$3,E1$4,S(6),A6$2,A2$(12)9,A3(6),Z$(6)10,S1(6)
0090 LOAD T#0,"COMKFAM5"8000,BEG100

0100  SELECT CO 005(80)
0110 REM                                                          ; SERVICE TITLES
   : MAT READ A$
0120 DATA "NAVY","MARINE CORPS","COAST GUARD"
0130 MAT READ A2$
0140 DATA "JANUARY","FEBRUARY","MARCH","APRIL","MAY","JUNE"
   : DATA "JULY","AUGUST","SEPTEMBER","OCTOBER","NOVEMBER","DECEMBER"
0150 REM                                                ; START POSITIONS FOR LINE EDIT
   : MAT READ A3
0160 DATA 16,24,37,49,57,69
0170 REM                                                ; INITIALIZE VARIABLES
   : I$(1)="######"
   : I$(2)="########"
   : I$(3)="##########"
   : MAT S=ZER
   : MAT S1=ZER
   : Y$=" "
   : R$="N"
   : A4$="N"
0180 REM                                              ; CLOSE KFAM FILES IF OPEN
   : GOSUB '239(1)
   : GOSUB '239(2)
0190 REM                                          ; GET FILE NUMBER FROM FISCAL YR
   : CONVERT F8 TO F8$,(##)
0200 REM                                                  ; OPEN MILSERV FILE
   : S2=1
   : F9$="MLSVF10" & STR(F8$,2,1)
   : GOSUB '230(1,5,6,1,F9$,9,P$,A0$,A0$)
   : IF Q$<>" " THEN STOP "MILSERV FILE OPEN ERROR"
0210 REM                                                  ; OPEN ACTIVITY FILE
   : GOSUB '230(2,1,2,1,"ACTVF101",9,P$,A0$,A0$)
   : IF Q$<>" "THEN STOP "ACTIVITY FILE OPEN ERROR"
0220 SELECT PRINT 005(80)
   : PRINT HEX(03);TAB(15);"**** MILSERV INPUT/EDIT PROGRAM ****"
0230 PRINT AT(2,0,);HEX(0A0A);TAB(5);"OPTION NO.";TAB(30);"DESCRIPTION"
   : PRINT TAB(10);"1";TAB(26);"ENTER NEW ACTIVITIES"
0240 PRINT TAB(10);"2";TAB(26);"EDIT EXISTING ACTIVITIES"
0250 PRINT TAB(10);"3";TAB(26);"DELETE EXISTING ACTIVITY"
0260 PRINT TAB(10);"4";TAB(26);"RETURN TO MILSERV MENU"
0270 PRINT HEX(0A0A)
```

```
   : INPUT "ENTER DESIRED OPTION",O
   : ON O GOTO 290,400,390,1320
   : PRINT HEX(070C0C0C);
   : GOTO 270

0280 REM                                                          ; INPUT MODE
0290 U$=" "
   : PRINT HEX(03);AT(2,10);"MILSERV INPUT MODE";AT(5,5);
   : LINPUT "ENTER UIC TO BE ADDED OR RETURN",-U$
   : IF U$=" " THEN 220
   : IF VER(U$,"####N")<>5THEN 300
   : GOSUB '232(2,0,U$)
   : IF G$=" "THEN 310
   : IF G$="N"THEN 330
   : IF G$<>" "THEN STOP "FINDOLD ERROR "#
0300 PRINT HEX(07)
   : GOTO 290

0310 REM                                          ; FIND SPACE IN MILSERV FOR UIC
   : GOSUB '233(1,0,U$,0)
   : IF G$=" " THEN 360
   : IF G$="S" THEN 350
   : IF G$="D" THEN 340
   : STOP "ERROR IN FINDNEW "#
0320 PRINT HEX(07); "UIC NOT ON FILE--PRESS ANY KEY TO CONTINUE"
   : KEYIN K$
   : GOTO 390

0330 PRINT HEX(07);"THIS UIC NOT IN ACTIVITY FILE";
   : PRINT "--CORRECT INPUT OR ENTER INTO ACTIVITY FILE FIRST";
   : PRINT "--PRESS ANY KEY TO CONTINUE"
   : KEYIN K$
   : REM                                                  ; RETURN TO INPUT
   : GOTO 290

0340 PRINT HEX(07);"UIC ALREADY ON FILE (PRESS ANY KEY TO CONTINUE)"
   : KEYIN K$
   : GOTO 430

0350 PRINT HEX(07);"FILE FULL (PRESS ANY KEY TO CONTINUE)"
   : KEYIN K$
   : REM                                                  ; RETURN TO MENU
   : GOTO 220

0360 REM                                                ; INITIALIZE RECORD
   : STR(C$(),1,5)=U$
   : STR(C$(),6,8)=D$
   : STR(C$(),14,51)=ALL(20)
   : STR(C$(),65)=ALL(00)
0370 LIMITS T#6,C1,C2,C
   : FOR I=1 TO 1024 STEP 256
   : DATA SAVE BA T #6, (C,C) STR(C$(),I,256)
   : NEXT I
   : GOTO 430

0380 REM                                                          ; DELETE MODE
0390 U$=" "
   : PRINT HEX(03);AT(2,10);"MILSERV DELETE MODE";AT(5,5);
   : LINPUT "ENTER UIC TO BE DELETED OR RETURN",-U$
   : IF U$=" " THEN 220
```

```
   : IF VER(U$,"N####N")<>5THEN 390
   : GOSUB '231(1,0,U$)
   : IF Q$="N"THEN 320
   : IF Q$<>" "THEN STOP "DELETE ERROR "#
   : PRINT HEX(0A);"DELETE SUCCESSFUL--PRESS ANY KEY TO CONTINUE"
   : KEYIN K$
   : GOTO 390

0400 PRINT HEX(03);AT(10,5);
   : LINPUT "DO YOU WANT TO EDIT CUMULATIVE COSTS",R$
0410 REM                                                    ; EDIT MODE
   : U$=" "
   : PRINT HEX(03);AT(2,10);"MILSERV EDIT MODE";AT(5,5);
   : LINPUT "ENTER UIC TO EDIT OR RETURN",-U$
   : IF U$=" "THEN 220
   : IF VER(U$,"#####N")<>5THEN 420
   : GOTO 430

0420 PRINT HEX(07)
   : GOTO 410

0430 REM                                  ; SEARCH FOR UIC IN ACTIVITY FILE
   : GOSUB '232(2,0,U$)
   :   IF Q$=" " THEN 440
   :   IF Q$="N" THEN 420
   :   IF Q$<>" " THEN STOP "FINDOLD ERROR "#
0440 REM                                              ; LOAD ACTIVITY DATA
   : DATA LOAD DC #2, N$()
   : E=Q
0450 REM                                   ; SEARCH FOR UIC IN MILSERV FILE
   : GOSUB '232(1,0,U$)
   : IF Q$=" "THEN 470
   : IF Q$="N"THEN 460
   : IF Q$<>" "THEN STOP "FINDOLD ERROR"
0460 PRINT HEX(07); "UIC NOT IN MILSERV FILE - PRESS ANY KEY TO CONTINUE"
   : KEYIN K$
   : GOTO 410

0470 REM                                                  ; LOAD UIC DATA
   : GOSUB '38
   : REM                                               ; DISPLAY/EDIT ROUTINE
   : GOSUB '50
   : REM                                               ; RETURN TO ENTER UIC
   : ON 0 GOTO 290,410
0480 REM %
```

DEFINED SPECIAL FUNCTIONS/SUBROUTINES

```
0490 DEFFN'15
   : REM                                               ; REINITIALIZE ROUTINE
   : RETURN CLEAR

   : GOTO 220

0500 DEFFN'31
   : REM                                               ; REINITIALIZE ROUTINE
   : RETURN CLEAR

   : GOTO 220
```

```
0510 REM %
```

SUBROUTINES 36/37 SAVE DATA

```
0520 DEFFN'36
   : GOSUB '37(1,36,65)
   : REM                                          ; CHECK FOR CHANGE IN UIC
   : IF U$=STR(C$(),1,5) THEN 550
0530 REM                                ; IF UIC CHANGED, DELETE/FINDNEW (HERE)
   : GOSUB '231 (1,0,STR(C$(),1,5))
   : IF Q$<>" " THEN STOP "DELETE ERROR "#
   : GOSUB '234(1,0,U$,0)
   : IF Q$<>" " THEN STOP "ERROR IN FINDNEW HERE "#
0540 REM                                          ; CHANGE UIC IN USER FILE
   : STR(C$(),1,5)=U$
0550 STR(C$(),6,8)=D$
   : C=C-4
   : FOR K=1 TO 1024 STEP 256
   :      DATA SAVE BA T#6,(C,C)STR(C$(),K,256)
   : NEXT K
   : C=C-4
   : RETURN

0560 DEFFN'37(I1,I2,I5)
0570 FOR I=I1 TO I2
   :      FOR J=1 TO 6
   :        ON J GOTO 580,590,600,580,590,600
0580       PACK (I$(1)) STR(C1$(1),(J-1)*4+1,3) FROM A(I,J)
   :        GOTO 610

0590       IF J=2 THEN PACK (I$(2)) STR(C1$(1),4,4) FROM A(I,J)
   :          ELSE PACK (I$(2)) STR(C1$(1),16,4) FROM A(I,J)
   :        GOTO 610

0600       IF J=3 THEN PACK (I$(3)) STR(C1$(1),8,5) FROM A(I,J)
   :          ELSE PACK (I$(3)) STR(C1$(1),20,5) FROM A(I,J)
0610     NEXT J
   :    MAT COPY C1$()<1,24>TO C$()<(I-I1)*24+I5,24>
   : NEXT I
   :    RETURN

0620 REM %
```

SUBROUTINES 38/39 LOAD DATA

```
0630 DEFFN'38
   : LIMITS T#6,C1,C2,C
   : FOR K=1 TO 1024 STEP 256
   :      DATA LOAD BA T #6, (C,C) STR(C$(),K,256)
   : NEXT K
   : GOSUB '39 (1,36,65)
   : RETURN

0640 DEFFN'39(I1,I2,I5)
   : FOR I=I1TO I2
   :       MAT COPY C$()<(I-I1)*24+I5,24>TO C1$()<1,24>
   :      FOR J=1TO 6
   :        ON J GOTO 650,660,670,650,660,670
0650       UNPACK (I$(1)) STR(C1$(1),(J-1)*4+1,3) TO A(I,J)
   :        GOTO 680
```

```
0660          IF J=2 THEN UNPACK (I$(2)) STR(C1$(1),4,4) TO A(I,J)
   :            ELSE UNPACK (I$(2)) STR(C1$(1),16,4) TO A(I,J)
   :          GOTO 680

0670          IF J=3 THEN UNPACK (I$(3)) STR(C1$(1),8,5) TO A(I,J)
   :            ELSE UNPACK (I$(3)) STR(C1$(1),20,5) TO A(I,J)
0680 NEXT J,I
   : RETURN

0690 REM %
```

SUBROUTINE 50 DISPLAY/EDIT ROUTINE

```
0700 DEFFN '50
0710 REM                                                    ; GET MONTH TO DISPLAY
   : PRINT HEX(0A)
   : CONVERT STR(D$,1,2) TO Y
0720 PRINT HEX(03)
0730 REM                                          ; DETERMINE START ROW IN WORK ARRAY
   : L=Y*3-2
   : REM                                                    ; DETERMINE FISCAL YEAR
   : IF Y>9 THEN F7=F8-1
   : ELSE F7=F8
   : PRINTUSING 1150,A2$(Y),F7,STR(C$(),6,8)
0740 PRINTUSING 1160,U$,STR(N$(E),21,30),STR(N$(E),11,5),STR(N$(E),1,10)
0750 PRINT HEX(0A)
   : PRINTUSING 1170
   : PRINTUSING 1180
0760 REM                                                ; CALCULATE COLUMN TOTALS
   : FOR I=1 TO 6
   :    S(I)=A(L,I)+A(L+1,I)+A(L+2,I)
   : NEXT I
0770 M=1
   : FOR I=L TO L+2
   :      M=M+1
   :      PRINTUSING 1190,M,A$(M-1),A(I,1),A(I,2),A(I,3),A(I,4),A(I,5),A(I,6)
   : NEXT I
0780 PRINT HEX(0A)
   : PRINTUSING 1200,S(1),S(2),S(3),S(4),S(5),S(6)
   : MAT S=ZER
0790 PRINT AT(10,0),"ENTER LINE NUMBER,A--ABORT,P--PRINT,RETURN--PRIOR MONTH";
   : PRINT "F--NEXT MONTH, 0--SAVE DATA";
   : A6$="99"
   : INPUT A6$
   : IF NUM(A6$)=2 THEN 800
   : IF STR(A6$,1,1)="P" THEN 880
   : IF STR(A6$,1,1)="A" THEN 1130
   : IF STR(A6$,1,1)="F" THEN 870
   : PRINT HEX(07)
   : GOTO 790

0800 IF A6$="99" THEN 810
   : CONVERT A6$ TO A
   : IF A=0 THEN 890
   : IF A>1 AND A<5 THEN 980
   : IF A=1 THEN 820
   : PRINT HEX(07)
   : GOTO 790
```

```
0810 REM                                                    ; DISPLAY PRIOR MONTH
   : IF Y=10 THEN 720
   : IF Y=1 THEN Y=13
   : Y=Y-1
   : GOTO 720

0820 REM                                                    ; CHANGE UIC
   : U1$=U$
   : PRINT AT(1,6,5);
   : LINPUT -U1$
   : IF VER(U1$,"N###N")<>5 THEN 820
   : GOSUB '232(2,0,U1$)
   : IF Q$=" " THEN 840
   : IF Q$="N" THEN 830
   : IF Q$<>" " THEN STOP "FINDOLD ERROR "#
0830 PRINT HEX(07);AT(15,0,);"UIC NOT IN ACTIVITY FILE--";
   : PRINT "PRESS ANY KEY TO CONTINUE"
   : KEYIN K$
   : GOTO 720

0840 REM                                          ; SEARCH FOR UIC ALREADY ON FILE
   : GOSUB '232(1,0,U1$)
   :    IF Q$=" " THEN 850
   :    IF Q$="N" THEN 860
   :    IF Q$<>" " THEN STOP "FINDOLD ERROR" #
0850 PRINT HEX(07);AT(15,0,);"UIC ALREADY ON FILE--";
   : PRINT "PRESS ANY KEY TO CONTINUE"
   : KEYIN K$
   : GOTO 720

0860 REM                                                    ; RESET UIC
   : U$=U1$
   : GOTO 720

0870 REM                                                    ; DISPLAY NEXT MONTH
   : IF Y=9 THEN 720
   : Y=Y+1
   : IF Y>12 THEN Y=1
   : GOTO 720

0880 REM                                                    ; PRINT ROUTINE
   : GOSUB '53
   : SELECT PRINT 005(80)
   : GOTO 720

0890 REM                                  ; SAVE ROUTINE--CHECK CUM TTLS W/ INPUT
   : MAT S1=ZER
   : FOR I=1 TO Y
   : S1(1)=S1(1)+A(3*I-2,2)
   : S1(2)=S1(2)+A(3*I-2,5)
   : S1(3)=S1(3)+A(3*I-1,2)
   : S1(4)=S1(4)+A(3*I-1,5)
   : S1(5)=S1(5)+A(3*I,2)
   : S1(6)=S1(6)+A(3*I,5)
   : NEXT I
0900 REM                                  ; CHECK CUMULATIVE TOTALS AGAINST INPUT
   : MAT S1=ZER
   : FOR I=1 TO Y
   : S1(1)=S1(1)+A(3*I-2,2)
```

```
   : S1(2)=S1(2)+A(3*I-2,5)
   : S1(3)=S1(3)+A(3*I-1,2)
   : S1(4)=S1(4)+A(3*I-1,5)
   : S1(5)=S1(5)+A(3*I,2)
   : S1(6)=S1(6)+A(3*I,5)
   : NEXT I
0910 IF S1(1)<>A(L,3) THEN 930
   : IF S1(2)<>A(L,6) THEN 930
   : IF S1(3)<>A(L+1,3) THEN 930
   : IF S1(4)<>A(L+1,6) THEN 930
   : IF S1(5)<>A(L+2,3) THEN 930
   : IF S1(6)<>A(L+2,6) THEN 930
0920 REM                                                ; GOTO PACK/SAVE ROUTINE
   : GOSUB '36
   : GOTO 1140

0930 PRINT HEX(07);AT(16,0,);
   : PRINTUSING 960
   : PRINT HEX(0A)
   : PRINTUSING 970,"    SHOULD BE",S1(1),S1(2),S1(3),S1(4),S1(5),S1(6)
   : PRINTUSING 970,"STORED VALUES",A(L,3),A(L,6),A(L+1,3)
                                   ,A(L+1,6),A(L+2,3),A(L+2,6)
   : PRINT HEX(0A)
0940 A4$="N"
   : PRINT "YOU HAVE A DISCREPANCY IN CUMULATIVE COSTS.";
   : PRINT "DO YOU WANT TO CHANGE THE INPUT?";
   : LINPUT -A4$
   : IF A4$="N" THEN 920
   : IF A4$="Y" THEN 950
   : GOTO 940

0950 REM                                                ; ERASE TOP HALF OF SCREEN
   : PRINT AT(0,0,880);
   : GOTO 730

0960 % CUM. COSTS     NAVY OFF.  NAVY ENL.   MC OFF.    MC ENL.     CG OFF.   CG
      ENL.
0970 %###############  ########## ########## ########## ########## ########## ####
     ######
0980 REM                          ; CONVERT NUMERICS TO ALPHANUMERICS FOR EDITING
   : FOR J=1 TO 6
   :     CONVERT A(L+A-2,J) TO Z$(J),(###########)
   : NEXT J
0990 REM                                                ; EDIT LINE ENTRIES ACROSS
   : FOR H=1 TO 6
1000       ON H GOTO 1010,1010,1040,1010,1010,1040
1010       PRINT AT(A+3,A3(H),10);
   :       STR(Z$(H),1)=STR(Z$(H),POS(Z$(H)<>30)+(ABS(INT((POS(Z$(H)<>30)
                  +9)/10)-1)*10))
   :       LINPUT -Z$(H)
   :       X=H
   :       IF STR(Z$(H),1,1)="E" THEN 1100
   :       IF NUM(Z$(H))<>10 THEN 1090
   :       CONVERT Z$(H) TO G
   :       ON H GOTO 1020,1030,1040,1020,1030,1040
1020       IF G>999999 THEN 1090
   :        GOTO 1110

1030       IF G>99999999 THEN 1090
   :        GOTO 1110
```

```
1040 REM                                        ; CALCULATE CUMULATIVE COST FOR DISPLAY
   :      IF L=1 THEN 1050
   :       IF H=3 THEN Z=A(L+A-5,3)+G
   :        ELSE Z=A(L+A-5,6)+G
   :       GOTO 1060

1050       Z=G
1060       CONVERT Z TO Z$(H), (##########)
1070       PRINT AT(A+3,A3(H),10);
   :       STR(Z$(H),1)=STR(Z$(H),POS(Z$(H)<>30)+(ABS(INT((POS(Z$(H)<>30)
            +9)/10)-1)*10))
   : IF A4$="Y" THEN 1080
   : IF R$="Y" THEN 1080
   : PRINT Z$(H)
   : IF R$="N" THEN 1110
1080 LINPUT -Z$(H)
   :       X=H
   :       IF STR(Z$(H),1,1)="E" THEN 1100
   :       IF NUM(Z$(H))<>10 THEN 1090
   :       CONVERT Z$(H) TO G
   :       IF G>9999999999 THEN 1090
   :       GOTO 1110

1090       PRINT HEX(07)
   :       GOTO 1000

1100 REM                                                ; E TOUCHED, GET OFF LINE
   :      IF X=1 THEN 720
   :       FOR J=1 TO X-1
   :            CONVERT Z$(J) TO A(L+A-2,J)
   :       NEXT J
   :       H=6
   :       NEXT H
   :       GOTO 720

1110 NEXT H
1120 REM                        ; CONVERT ALPHANUMERICS TO NUMERICS FOR DISPLAY/STORE
   : FOR J=1 TO 6
   :       CONVERT Z$(J) TO A(L+A-2,J)
   : NEXT J
   : IF A4$<>"Y" THEN 720
   :  GOTO 950

1130 REM                                        ; DISPLAY ABORTED; RESET FILE POINTER
   : C=C-4
1140 RETURN

1150  %    FOR MONTH OF ########## 19##       DATE REVIEWED/REVISED #########
1160  %1 UIC ######  ################################  PROG ELEM ######   SH ########
     ###
1170 %     BRANCH OF    !              OFFICERS             !!             ENLISTED
1180 %      SERVICE     !NUMBER ! MO COST !   CUM COST   !!NUMBER ! MO COST !  CUM
     COST
1190 %# #############     #######  #########   ############     #######  #########   ####
     #######
1200 %   TOTAL          ######## ##########  ############   ######## ##########  ######
     #######
1210 RETURN
```

```
1220 REM %
```

SUBROUTINE 53 PRINT RECORDS ROUTINE

```
1230 DEFFN '53
1240 MAT A1=A
   : MAT S=ZER
   : L=Y*3-2
   : IF Y<10 THEN F7=F8
   : ELSE F7=F8+1
1250 SELECT PRINT 215(132)
   : PRINT HEX(0C)
   : PRINT HEX(0E);
   : PRINTUSING 1440,A2$(Y)
1260 PRINT HEX(0A0A0A)
   : PRINT HEX(0E);
   : PRINTUSING 1450,STR(N$(E),16,5),STR(N$(E),21,25),STR(N$(E),16,5),STR(N$(E),
     1,10)
   : GOTO 1270

1270 PRINT HEX(0A0E);
   : PRINTUSING 1380
   : PRINT HEX(0A)
   : PRINTUSING 1390
   : PRINTUSING 1400
   : PRINTUSING 1410
   : PRINTUSING 1420
   : PRINT HEX(0A)
1280 REM                                              ; CALCULATE COLUMN TOTALS
   : FOR I=1 TO 6
   :       S(I)=A1(L,I)+A1(L+1,I)+A1(L+2,I)
   : NEXT I
1290 M=0
   : FOR I=L TO L+2
   :       M=M+1
   :       PRINTUSING 1430,A$(M),A1(I,1),A1(I,2),A1(I,3),A1(I,4),A1(I,5),A1(I,6)
                                ,A1(I,1)+A1(I,4),A1(I,2)+A1(I,5),A1(I,3)+A1(I,6)

   : NEXT I
1300 PRINT HEX(0A)
   : PRINTUSING 1430,"       TOTALS",S(1),S(2),S(3),S(4),S(5),S(6)
                                ,S(1)+S(4),S(2)+S(5),S(3)+S(6)
   : MAT S=ZER
1310 SELECT PRINT 005(80)
   : RETURN

1320 GOSUB '239(1)
   : GOSUB '239(2)
   : LOAD DC T#0,"START"

1330 REM %
```

ERROR RECOVERY STATEMENTS

```
1340 ON ERROR E$,E1$ GOTO 1350
1350 IF E$="D82" THEN 1360
   : SELECT PRINT 005(80)
   : PRINT HEX(0703);"ERROR ";E$; "  HAS OCCURRED ON LINE";E1$;
   : PRINT "-- PRESS ANY KEY TO CONTINUE";
   : PRINT "-- IF ERROR OCCURS AGAIN CALL PROGRAMMER"
```

```
   : KEYIN K$
   : GOTO 180

1360 SELECT PRINT 005(80)
   : PRINT HEX(0703);"FILE YOU ARE TRYING TO OPEN ";
   : PRINT "MAY NOT BE ON DISK YOU ARE ACCESSING - CHECK DISK";
   : PRINT " - PRESS ANY KEY TO CONTINUE"
   : KEYIN K$
   : GOTO 180

1370 END

1380 %              OFFICERS                ENLISTED                TOTALS
1390 %                                CURRENT MONTH                                 CURRENT
      MONTH                                 CURRENT MONTH
1400 %    BRANCH          NUMBER      MILITARY      CUMULATIVE          NUMBER      MILITAR
     Y      CUMULATIVE             NUMBER      MILITARY      CUMULATIVE
1410 %      OF               ON       PERSONNEL          COST                 ON       PERSONN
     EL         COST                 ON       PERSONNEL          COST
1420 %  SERVICE           BOARD        COST           TO DATE              BOARD        COST
           TO DATE              BOARD       COST           TO DATE
1430 %##############     #######   ##,###,###   #,###,###,###           #######   ##,###,##
     #   #,###,###,###           #######   ##,###,###   #,###,###,###
1440 %                   MILITARY SERVICE REPORT ##########
1450 % UIC: ######   ##########################    PE: ######   SH: ###########
```

MILSERV EDIT PROGRAM VARIABLES

```
A      - 0800 0980 1010 1040 1070 1100 1120
A(     - 0070 0580 0590 0600 0650 0660 0670 0760 0770 0890 0900 0910 0930 0980
         1040 1100 1120 1240
A$(    - 0060 0110 0770 1290
A0$    - 0200 0210
A1(    - 0060 1240 1280 1290
A2$(   - 0080 0130 0730 1250
A3(    - 0080 0150 1010 1070
A4$    - 0060 0170 0940 1070 1120
A6$    - 0080 0790 0800
C      - 0370 0550 0630 1130
C$(    - 0070 0360 0370 0520 0530 0540 0550 0610 0630 0640 0730
C1     - 0370 0630
C1$(   - 0070 0580 0590 0600 0610 0640 0650 0660 0670
C2     - 0370 0630
D$     - 0360 0550 0710
E      - 0440 0740 1260
E$     - 0080 1340 1350
E1$    - 0080 1340 1350
F7     - 0730 1240
F8     - 0190 0730 1240
F8$    - 0070 0190 0200
F9$    - 0070 0200
G      - 1010 1020 1030 1040 1050 1080
H      - 0990 1000 1010 1040 1060 1070 1080 1100 1110
I      - 0370 0570 0580 0590 0600 0610 0640 0650 0660 0670 0680 0760 0770 0890
         0900 1280 1290
I$(    - 0080 0170 0580 0590 0600 0650 0660 0670
I1     - 0560 0570 0610 0640
I2     - 0560 0570 0640
I5     - 0560 0610 0640
J      - 0570 0580 0590 0600 0610 0640 0650 0660 0670 0680 0980 1100 1120
K      - 0550 0630
K$     - 0060 0320 0330 0340 0350 0390 0460 0830 0850 1350 1360
L      - 0730 0760 0770 0910 0930 0980 1040 1100 1120 1240 1280 1290
M      - 0770 1290
N$(    - 0060 0440 0740 1260
O      - 0270 0470
P$     - 0200 0210
Q      - 0440
Q$     - 0200 0210 0290 0310 0390 0430 0450 0530 0820 0840
R$     - 0060 0170 0400 1070
S(     - 0080 0170 0760 0780 1240 1280 1300
S1(    - 0080 0170 0890 0900 0910 0930
S2     - 0200
U$     - 0060 0290 0310 0360 0390 0410 0430 0450 0520 0530 0540 0740 0820 0860
U1$    - 0060 0820 0840 0860
X      - 1010 1080 1100
Y      - 0710 0730 0810 0870 0890 0900 1240 1250
Y$     - 0060 0170
Z      - 1040 1050 1060
Z$(    - 0080 0980 1010 1060 1070 1080 1100 1120
```

MLSVEDIT LINE NUMBER REFERENCE

0100 - 0090
0180 - 1350 1360
0220 - 0290 0350 0390 0410 0490 0500
0270 - 0270
0290 - 0270 0300 0330 0470
0300 - 0290
0310 - 0290
0320 - 0390
0330 - 0290
0340 - 0310
0350 - 0310
0360 - 0310
0390 - 0270 0320 0390
0400 - 0270
0410 - 0420 0460 0470
0420 - 0410 0430
0430 - 0340 0370 0410
0440 - 0430
0460 - 0450
0470 - 0450
0550 - 0520
0580 - 0570
0590 - 0570
0600 - 0570
0610 - 0580 0590
0650 - 0640
0660 - 0640
0670 - 0640
0680 - 0650 0660
0720 - 0810 0830 0850 0860 0870 0880 1100 1120
0730 - 0950
0790 - 0790 0800
0800 - 0790
0810 - 0800
0820 - 0800 0820
0830 - 0820
0840 - 0820
0850 - 0840
0860 - 0840
0870 - 0790
0880 - 0790
0890 - 0800
0920 - 0940
0930 - 0910
0940 - 0940
0950 - 0940 1120
0960 - 0930
0970 - 0930
0980 - 0800
1000 - 1090
1010 - 1000
1020 - 1010
1030 - 1010
1040 - 1000 1010
1050 - 1040
1060 - 1040
1080 - 1070
1090 - 1010 1020 1030 1080

```
1100  - 1010 1080
1110  - 1020 1030 1070 1080
1130  - 0790
1140  - 0920
1150  - 0730
1160  - 0740
1170  - 0750
1180  - 0750
1190  - 0770
1200  - 0780
1270  - 1260
1320  - 0270
1350  - 1340
1360  - 1350
1380  - 1270
1390  - 1270
1400  - 1270
1410  - 1270
1420  - 1270
1430  - 1290 1300
1440  - 1250
1450  - 1260
8000  - 0090
```

MLSVEDIT SUBROUTINE REFERENCE

```
0490 DEFFN' 15
0500 DEFFN' 31
0520 DEFFN' 36
       - 0920
0560 DEFFN' 37
       - 0520
0630 DEFFN' 38
       - 0470
0640 DEFFN' 39
       - 0630
0700 DEFFN' 50
       - 0470
1230 DEFFN' 53
       - 0880
8155 DEFFN' 212
8430 DEFFN' 214
8395 DEFFN' 216
       - 8360
8355 DEFFN' 230
       - 0200 0210
8330 DEFFN' 231
       - 0390 0530
8095 DEFFN' 232
       - 0290 0430 0450 0820 0840
8260 DEFFN' 233
       - 0310
8255 DEFFN' 234
       - 0530
8100 DEFFN' 235
8150 DEFFN' 236
8105 DEFFN' 237
8400 DEFFN' 239
       - 0180 1320
```

VARIABLE DEFINITIONS

Variable	Definition
A	Numeric of line number to edit
A(36,6)	Numeric work array
A$(3)12	Service titles
AO$3	Address of files
A1(36,6)	Numeric data print array
A2$(12)9	Names of months
A3(6)	Positions on line being edited
A4$1	Cumulative cost discrepancy response
A6$2	Input variable for edit prompt line
C	Current sector address as defined by limits
C$(16)64	Data load/save array
C1	Starting sector address in file
C1$(1)30	Unpack array
C2	Ending sector address in file
D$8	Today's date
E	Storage variable for KFAM block pointer
E$3	Error number
E1$4	Line number of error E$
F7	Calendar year
F8	Fiscal year of data base
F8$2	Fiscal year
F9$8	Name of MILSERV file being opened
G	Size check variable for data entries
H	Index variable
I	Index variable

Variable	Definition
I$(3)	Pack/unpack images
I1	Starting row in A( ) to begin pack/unpack
I2	Ending row in A( ) to end pack/unpack
I5	Starting byte in C$( ) to start pack/unpack
J	Index variable
K	Index variable
K$1	Key/word in variable
L	Row in A( ) where current month data begins
M	Index variable
N$(2)124	Activity file data
O	Menu option
P$	File password
Q	KFAM block pointer
Q$1	KFAM return variable
R$1	Response to override editing cumulative costs
S(6)	Column total array
S1(6)	Cumulative total check array
S2	CPU number
U$5	Unit identification code input variable
U1$5	Unit identification code change variable
X	Index storage variable
Y	Current month
Z	Summation variable for line cumulative costs
Z$(6)10	Data entry variable for line edit

APPENDIX B

SUMMARY/REPORT PROGRAM LISTING AND VARIABLE DEFINITIONS

MILSERV REPORT PRINT PROGRAM <MLSVPRNT>

```
0010 % CNET N-6   MILITARY SERVICE REPORT (FORM 2182)   PROGRAM VERSION 1.0
               "MLSVPRNT"   08/17/79  (47K)
0020 REM                                                ; KFAM COMMMON VARIABLES

   : DIM T0$17,V9,V7$8,Q0$(4)60,Q9$2,V3$2,Q3$2,V8$1,V6$1,Q4$2,V5$1,T$(3)48,T,T4
0030 DIM V7$(8)8,V8(8),V0$(8)24,T5$(8)58,T6$(8)3,V2$2,Q2$2,T8,T2$2,T0,T8$1,V9$2
0040 DIM Q3,V6,T5$10,Q8$22,T3$3,T7$30,V,T2,V7,Q,V1,Q0$3,V4$4,V$18,T0$(4)60,T3
0050 DIM S2,T1,V0$2,T$8,T2$(8)2,Q2,Q$1,T9,T1$30,T9$2,V0,T1$(1)2,T6,T4$3,T5

0060 REM                                                ; LOCAL VARIABLES

   : DIM A$(3)12,N$(2)124,K2$20,K3$20,A4$20,A4$(4)20,A2$(12)9,F$3,K$1
0070 DIM S(6),S1(36,6),C$1,A(36,6),C1$(1)30,C$(16)64,S2(36,6),S3(36,6),K1$2
0080 DIM E1$(4)36,E$3,E1$4,F1$5,I$(3),Y$2,A5$(15)30,A6$(15,5)5,A6$5,A7$(20)5
0090 DIM R1$29,L$2,R$12,A8$(5)26,F7$2,A1(36,6),P1$5,N$10,R2$1
0100 DIM F9$8,F7$2,S4(36,6)
0110  LOAD T #0,"COMKFAM5" 8000,9999 BEG 120

0120 REM                                                ; SERVICE TITLES
   : MAT READ A$
   : DATA "NAVY","MARINE CORPS","COAST GUARD"
0130 MAT READ A2$
   : DATA "January","February","March","April","May","June","July","August"
   : DATA "September","October","November","December"
0140  REM                                               ; KEY CHOICES
   : MAT READ E1$
   : DATA "UIC","Program Element","Functional Cmdr"
   : DATA "Functional Cmdr AND Program Element"
0150 REM %
```

****** PE special package tables ******

```
0160 MAT READ A5$
0170 DATA "Recruit Training              ","Officer Acquisition                "
   : DATA "Spec. Training Initial Skill","Spec. Training Other               "
0180 DATA "Flight TNG JET/PROP/HELO      ","Flight TNG NFO                     "
   : DATA "Professional Development      ","ROTC                               "
   : DATA "Training Support              ","Other Personnel Activities"
0190 DATA "OFF Duty & VOL ED PGMS        ","NJROTC                             "
   : DATA "BASE OPERATIONS               ","BASE COMMUNICATIONS        "," "
0200 MAT READ A6$
0210 DATA "84711","      ","      ","      ","      "
   : DATA "84721","84722","84724","      ","      "
   : DATA "84731","84733","84734","      ","      "
   : DATA "84731","84733","84734","      ","      "
0220 DATA "84741","      ","      ","      ","      "
   : DATA "84742","      ","      ","      ","      "
   : DATA "84751","84752","      ","      ","      "
   : DATA "84723","      ","      ","      ","      "
0230 DATA "84771","84772","85798","89731","      "
   : DATA "88716","      ","      ","      ","      "
   : DATA "89732","      ","      ","      ","      "
   : DATA "89721","      ","      ","      ","      "
   : DATA "85796","      ","      ","      ","      "
   : DATA "85795","      ","      ","      ","      "
0240 DATA "      ","      ","      ","      ","      "
0250 MAT READ A8$
0260 DATA "Training And Education","Other Personnel Activities"
```

```
   : DATA "Base Operations","Telecommunications C&C","Special Program Package"
0270 REM %
```

****** UIC special package tables ******

```
0280 DATA "      ","      ","      ","      "
   : DATA "      ","      ","      ","      "
   : DATA "      ","      ","      ","      "
   : DATA "      ","      ","      ","      "
0290 DATA "      ","      ","      ","      "
   : DATA "      ","      ","      ","      "
   : DATA "      ","      ","      ","      "
   : DATA "      ","      ","      ","      "
0300 DATA "      ","      ","      ","      "
   : DATA "      ","      ","      ","      "
   : DATA "      ","      ","      ","      "
   : DATA "      ","      ","      ","      "
0310 DATA "      ","      ","      ","      "
   : DATA "      ","      ","      ","      "
   : DATA "      ","      ","      ","      "
0320 REM                                          ; CLOSE KFAM FILE IF OPEN
   : GOSUB '239(1)
   : GOSUB '239(2)
   : S2=1
   : CONVERT F8 TO F7$,(##)
   : F9$="MLSVF10" & STR(F7$,2,1)
0330 REM                                          ; OPEN MILSERV FILE
   : GOSUB '230(1,6,5,1,F9$,9,P$,A0$,A0$)
   : IF Q$=" " THEN 340
   : STOP "ERROR OPENING FILE #1"
0340 REM                                          ; OPEN ACTIVITY FILE #1
   : GOSUB '230(2,4,3,1,"ACTVF101",9,P$,A0$,A0$)
   : IF Q$=" " THEN 350
   : STOP "ERROR OPENING FILE #2"
0350 SELECT PRINT 005(80)
   : PRINT HEX(03);TAB(20);"**** MILSERV PRINT PROGRAM ****"
   : PRINT HEX(0A0A);TAB(5);"OPTION NO.";TAB(30);"DESCRIPTION"
   : PRINT TAB(10);"1";TAB(26);"PRINT ONE ACTIVITY"
   : PRINT TAB(10);"2";TAB(26);"PRINT ACTIVITIES IN UIC SEQUENCE"
   : PRINT
0360 PRINT TAB(10);"3";TAB(26);"PRINT ACTIVITIES IN PROGRAM ELEMENT SEQUENCE"
   : PRINT TAB(10);"4";TAB(26);"PRINT ACTIVITIES IN SUBHEAD SEQUENCE"
   : PRINT TAB(10);"5";TAB(26);"PRINT ACTIVITIES IN SUBHEAD/PROG ELEM SEQUENCE"
   : PRINT
   : PRINT TAB(10);"6";TAB(26);"PRINT SPECIAL PROGRAM ELEMENT PACKAGES"
0370 PRINT TAB(10);"7";TAB(26);"PRINT SPECIAL UIC PACKAGES"
   : PRINT TAB(10);"8";TAB(26);"PRINT A SPECIFIC PROGRAM PACKAGE"
   : PRINT
   : PRINT TAB(10);"9";TAB(26);"RETURN TO MILSERV MENU"
0380 PRINT HEX(0A0A)
   : INPUT "ENTER DESIRED OPTION>",O
   : IF O=0 OR O>9 THEN 380
   : IF O=9 THEN 2650
0390 REM                                          ; SELECT MONTH TO PRINT
   : PRINT HEX(030A0A)
   : FOR I=1 TO 12
   :     PRINTUSING 2600,I,A2$(I)
   : NEXT I
   : PRINT HEX(0A)
   : INPUT "ENTER NUMBER OF MONTH TO PRINT REPORT FOR ",Y
```

```
   : IF Y<=0 OR Y>12 THEN 390
0400 PRINT AT(17,0);"How many copies of the Military Service Report do you want
     for signature (0-5)";
   : INPUT CO
   : IF CO=0 THEN 430
   : IF CO<5 THEN 410
   : PRINT HEX(07);AT(14,20);"YOU CAN'T NEED";CO;" COPIES!!!  TRY AGAIN."
   : FOR I=1 TO 2E4
   : NEXT I
   : GOTO 400

0410 PRINT HEX(03);AT(7,20);"Select the Reporting Fiscal Officer";AT(9,20);"1.
     J. HEYL, ACOS for Resources Management";AT(10,20);"2.  R.H. WATKINS, Budget
      Officer";AT(12,20);"Enter the number of your selection. ";
   : INPUT C$
0420 IF C$<>"1" AND C$<>"2" THEN 410
   : R$="J. HEYL"
   : R1$="ACOS for Resources Management"
   : IF C$="1" THEN 430
   : R$="R.H. WATKINS"
   : R1$="Budget Officer"
0430 REM                                                    ; INITIALIZE VARIABLES
   :  P=1
   : F1$="FIRST"
   : MAT S1=ZER
   : MAT S2=ZER
   : MAT S3=ZER
   : MAT S4=ZER
   :  L2=4
   : C=0-1
   : I$(1)="######"
   : I$(2)="########"
   : I$(3)="##########"
   : Y$=" "
   : PRINT HEX(03)
   : F$=" "
   : IF O=6 THEN C=2
   : IF O=7 THEN C=1
   : IF O=8 THEN C=4
0440  ON O GOTO 460,520,530,540,550,1200,1560,550,2650
   : PRINT HEX(C7)
   : GOTO 380

0450  REM %

  ***** PRINT 1 UIC *****

0460  SELECT PRINT 005(80)
   : PRINT AT(2,0,);
   : INPUT "ENTER UIC - ",K2$
0470  REM                                          ; SEARCH FOR UIC IN MLSVF101
   : GOSUB '232(1,0,STR(K2$,1,5))
   : IF Q$=" " THEN 480
   : PRINT AT(4,0);"COULD NOT FIND ACTIVITY--PRESS ANY KEY TO CONTINUE"
   : KEYIN K$
   : GOTO 460

0480  REM                                                ; GET ACTIVITY DATA
   : GOSUB '232(2,0,STR(K2$,1,5))
   : IF Q$=" " THEN 490
```

```
   : IF Q$="X" THEN STOP "FINDOLD ERROR "#
   : IF Q$="N" THEN PRINT HEX(07)
   : PRINT "COULD NOT FIND ACTIVITY DATA--PRESS ANY KEY TO CONTINUE"
   : KEYIN K$
   : GOTO 460

0490 DATA LOAD DC #3,N$()
   : E=Q
   : REM                                                    ; LOAD DATA RECORD
   : GOSUB '38
   : REM                                                        ; PRINT RECORD
   : F$="UIC"
   : MAT A1=A
   : GOSUB '66
   : GOTO 350

0500  REM %
```

SET PRINT PARAMETERS OPTIONS 2-5

```
0510 REM N=KFAM KEY LENGTH
   : REM N1=KFAM KEY FILE NO.
   : REM N2=STARTING POS OF UIC IN KFAM KEY
   : REM N3=LOGICAL KEY LENGTH
0520  REM                                                         ; OPTION #2
   : N=5
   : N1=1
   : N2=1
   : N3=5
   : GOTO 570

0530  REM                                                         ; OPTION #3
   : N=10
   : N1=2
   : N2=6
   : N3=5
   : GOTO 560

0540  REM                                                         ; OPTION #4
   : N=20
   : N1=3
   : N2=16
   : N3=10
   : GOTO 560

0550  REM                                                         ; OPTION #5
   : N=20
   : N1=3
   : N2=16
   : N3=15
0560  REM                                          ; OPEN CORRECT ACTIVITY FILE
   : GOSUB '239(2)
   : GOSUB '230(2,4,3,N1,"ACTVF101",9,"BUDGET",A0$,A0$)
   : IF Q$=" " THEN 570
   : STOP "ERROR OPENING FILE #2"
0570 REM                                  ; CHOOSE START/END KEYS FOR OPTION
   : IF O=8 THEN 610
   : IF O<>5 THEN 590
   : K2$=ALL(00)
   : F1$="FIRST"
```

```
   : PRINT AT(7,0,);
   : LINPUT "ENTER STARTING SUBHEAD OR RETURN FOR BEGINNING",-STR(K2$,1,10)
   : IF STR(K2$,1,1)=HEX(00) THEN 580
   : LINPUT "ENTER STARTING PE",-STR(K2$,11,5)
0580 K3$=ALL(FF)
   : LINPUT "ENTER ENDING SUBHEAD OR RETURN FOR ALL",-STR(K3$,1,10)
   : IF STR(K3$,1,1)=HEX(FF) THEN 630
   : LINPUT "ENTER ENDING PE",-STR(K3$,11,5)
   : GOTO 630

0590 REM                                          ; CHOOSE START/END KEY OPTIONS 2-4
   : K2$=ALL(00)
   : K3$=ALL(FF)
   : PRINT AT(7,0,);"ENTER STARTING ";E1$(C);
   : INPUT STR(K2$,1,N3)
0600  PRINT "ENTER ENDING ";E1$(C);
   : INPUT STR(K3$,1,N3)
   : GOTO 630

0610 K2$=ALL(00)
   : K3$=ALL(FF)
   : LINPUT "PROGRAM NUMBER YOU WISH TO PRINT--7, 8, OR 9",-R2$
   : ON POS("789"=R2$) GOTO 620,620,620
   : GOTO 610

0620 STR(K2$,1,3)="62" & R2$
   : STR(K3$,1,3)="62" & R2$
0630  C$="Y"
   : PRINT AT(12,0);
   : LINPUT "DO YOU WANT TO PRINT UIC RECORDS (Y-YES,N-NO)",-C$
0640  IF STR(K2$,1,5)=HEX(0000000000) THEN 650
   : PRINT AT(14,0);"ENTER PAGE NO. ";
   : INPUT P
   : GOTO 660

0650  REM                          ; START AT BEGINNING, FIND FIRST IN ACTIVITY FILE
   : GOSUB '235(2,0)
   : IF Q$=" " THEN 690
   : STOP "KFAM ERROR "#
0660  IF O<>2 THEN 670
   : REM                                          ; OPTION 2, SEARCH FOR START UIC
   : GOSUB '232(2,0,STR(K2$,1,5))
   : IF Q$=" " THEN 690
   : STOP "KFAM ERROR "#
0670 REM                                                  ; DUMMY FINDOLD
   : STR(K2$,N2,5)=ALL(00)
   : GOSUB '232(2,0,STR(K2$,1,N))
   : IF Q$="N" THEN 680
   : STOP "KFAM ERROR "#
0680 REM                                  ; POINTER POSITIONED, FIND NEXT RECORD
   : GOSUB '237(2,0)
   : IF Q$=" " THEN 690
   : STOP "KFAM ERROR "#
0690 REM                                                ; INITIALIZE SCREEN
   : GOSUB '32
0700 REM                                               ; GET ACTIVITY DATA
   : GOSUB 940
0710  REM                                                   ; PRINT BY UIC
   : IF O=2 THEN 750
0720  REM                                          ; PRINT BY PROGRAM ELEMENT
```

```
   : IF O<>3 THEN 730
   : STR(A4$,1,5)=STR(N$(E),11,5)
   :  GOTO 750

0730  REM                                                    ; PRINT BY SUBHEAD
   : IF O<>4 THEN 740
   : STR(A4$,1,10)=STR(N$(E),1,10)
   : GOTO 750

0740  REM                                          ; PRINT BY SUBHEAD/PROGRAM ELEMENT
   : IF O=5 OR O=8 THEN STR(A4$,1,15)=STR(N$(E),1,15)
0750 REM                                                  ; SEARCH FOR UIC IN MLSVF101
   :  GOSUB '232(1,0,STR(N$(E),16,5))
   : IF Q$=" " THEN 760
   : REM                                    ; RECORD NOT IN FILE,GET NEXT RECORD
   : GOTO 890

0760 REM                                                    ; LOAD DATA RECORD
   : GOSUB '38
   : REM                                                  ; STORE PROG ELM/SUBHD
   : IF F1$="FIRST" THEN GOSUB  1000
0770 IF O=2 THEN 870
   : IF O=5 THEN 1060
   : IF O=8 THEN 1060
0780 REM                                                        ; SAME KEY?
   :  IF F1$="FIRST" THEN 870
   : IF STR(A4$,1,N3)=STR(A4$(C),1,N3) THEN 870
0790 REM                                                    ; PRINT SUBTOTAL
   : IF O=3 THEN 800
   : MAT A1=S2
   : F$="SHD"
   : GOTO 810

0800 MAT A1=S1
   : F$="PE "
0810 GOSUB '66
   : IF O=3 THEN MAT S1=ZER
   : IF O=4 THEN 820
   : ELSE GOTO 840
0820 MAT S2=ZER
   : IF STR(N$,3,1)=STR(N$(E),3,1) AND Q$<>"E" THEN 840
   : MAT A1=S3
   : F$="PGM"
   : GOSUB '66
   : IF CO=0 THEN 840
   : GOSUB '67
   : PRINT HEX(0C)
   : L2=1
   : MAT S3=ZER
0830 IF STR(N$,3,1)<>"3" THEN 840
   : MAT A1=S4
   : F$="FIN"
   : GOSUB '66
   : MAT S4=ZER
   : GOTO 350

0840  GOSUB 1000
   : STR(A4$,1,N3)=A4$(C)
   : IF STR(A4$(C),1,N3)>STR(K3$,1,N3) THEN Q$="E"
   : IF O=3 AND Q$="E" THEN 1020
```

```
   : IF O=4 AND Q$="E" THEN 350
0850 REM                                                    ; PRINTOUT ABORTED ?
   : KEYIN K$,860,860
   : GOTO 870

0860 IF K$="K" OR K$=HEX(95) THEN 1010
0870 REM                                                    ; PRINT DATA RECORD
   : F$="UIC"
   : MAT A1=A
   : GOSUB '66
   : F1$="NLAST"
   : IF O<>2 THEN 890
   : REM                                                    ; PRINTOUT ABORTED ?
   : KEYIN K$,880,880
   : GOTO 890

0880 IF K$="K" OR K$=HEX(95) THEN 1010
0890  REM                                                  ; FIND NEXT DATA RECORD
   : GOSUB '237(2,0)
   : IF Q$=" " THEN 910
   : IF Q$="E" THEN 900
   : STOP "KFAM ERROR "#
0900 ON O GOTO 1020,1020,800,790,1080,1020,1020,1080
0910 REM                                                    ; GET ACTIVITY DATA
   : GOSUB 940
0920 REM                                                   ; TEST FOR FINAL KEY
   : IF O<>2 THEN 930
   : IF STR(K3$,1,N3)<STR(A4$(C),1,N3) THEN 1020
0930 REM                                                   ; CONTINUE PROCESSING
   : GOTO 750

0940  REM                          ; LOAD ACTIVITY DATA AND STORE CURRENT KEY DATA

   : DATA LOAD DC #3,N$()
   : E=Q
0950 REM                                                                  ; UIC
   : A4$(1)=STR(N$(E),16,5)
   : REM                                                        ; PROGRAM ELEMENT
   : A4$(2)=STR(N$(E),11,5)
0960 REM                                                                ; SUBHEAD
   : A4$(3)=STR(N$(E),1,10)
   : REM                                                  ; PROGRAM ELEMENT/SUBHEAD
   : A4$(4)=STR(N$(E),1,15)
0970 REM                                                       ; TEST FOR FINAL KEY
   : IF STR(K3$,1,N3)>=STR(A4$(C),1,N3) THEN 980
   : F1$="LAST "
0980 SELECT PRINT 005(80)
   : PRINT AT(14,0);
   : PRINTUSING 2490,STR(N$(E),16,5),STR(N$(E),11,5),STR(N$(E),1,10)
   : PRINT HEX(0A0A0A0A)
   : PRINT "Press 'K' to stop after this UIC/PROGRAM ELEMENT/SUBHEAD"
0990 RETURN

1000 REM                                                  ; MAINTAIN SUBTOTAL TITLES
   : P1$=STR(N$(E),11,5)
   : N$=STR(N$(E),1,10)
   : RETURN

1010 ON O GOTO 1020,1020,1020,350,350,1020,1020,350
1020 F$="GND"
```

```
1030  REM                                                    ; PRINT GRAND TOTALS
   : MAT A1=S3
   : GOSUB '66
   : REM                                                    ; PRINT FINAL REPORT
   : IF C0=0 THEN 350
   : GOSUB '67
   : MAT S3=ZER
   : PRINT HEX(0C)
   : L2=1
1040 GOTO 350

1050 REM                                                    ; PROCESS OPTION 5
1060 REM                                                      ; SAME SUBHEAD ?
   : IF F1$="FIRST" THEN 1190
   : IF STR(A4$,1,10)=STR(A4$(C),1,10) THEN 1170
1070 REM                                                ; PRINT PE & SBHD SUBTOTALS
1080 MAT A1=S1
   : F$="PE "
   : GOSUB '66
   : MAT S1=ZER
1090 MAT A1=S2
   : F$="SHD"
   : GOSUB '66
   : MAT S2=ZER
   : IF STR(N$,3,1)=STR(N$(E),3,1) AND Q$<>"E" THEN 1120
1100 MAT A1=S3
   : F$="PGM"
   : GOSUB '66
   : IF C0=0 THEN 1110
   : GOSUB '67
   : PRINT HEX(0C)
   : MAT S3=ZER
   : L2=1
1110 IF 0=8 THEN 350
   : IF F1$<>"LAST " AND STR(N$,3,1)<>"9" THEN 1120
   : MAT A1=S4
   : F$="FIN"
   : GOSUB '66
   : MAT S4=ZER
   : GOTO 350

1120 GOSUB 1000
   : STR(A4$,1,N3)=A4$(C)
1130 REM                                                  ; PRINTOUT ABORTED ?
   : KEYIN K$,1140,1140
   : GOTO 1150

1140 IF K$="K" OR K$=HEX(95) THEN 1010
1150 REM                                                 ; TEST FOR FINAL KEY
   : IF STR(K3$,1,N3)<STR(A4$(C),1,N3) THEN 1100
   : IF STR(A4$,1,10)>STR(K3$,1,10) AND STR(K3$,11,5)=HEX(FFFFFFFFFF) THEN 1100
1160 GOTO 870

1170 REM                                                    ; CHECK FOR SAME PE
   : IF STR(A4$,11,5)=STR(A4$(C),11,5) THEN 1190
1180 REM                                                  ; PRINT PE SUB TOTAL
   : MAT A1=S1
   : F$="PE "
   : GOSUB '66
   : MAT S1=ZER
```

```
   : GOSUB 1000
   : REM                                                    ; RESET CURRENT KEY
   : STR(A4$,11,5)=STR(A4$(C),11,5)
1190 REM                                                    ; PRINT DATA RECORD
   : GOTO 870

1200 REM %
```

PROGRAM ELEMENT PACKAGE OPTION

```
1210 REM                                        ; DETERMINE PROGRAM ELEMENT PACKAGE
   :     RESTORE LINE 210
   :     L1=0
   :     INIT(".") A5$(15)
   :     PRINT AT(7,0);
   :     PRINTUSING 2480
   :  FOR   I=1 TO 15
1220           PRINTUSING 2460,I,A5$(I),A6$(I,1),A6$(I,2)
                          ,A6$(I,3),A6$(I,4),A6$(I,5)
   :   NEXT I
1230      PRINT AT(5,0);
   :     PRINTUSING 2440
   :     PRINTUSING 2450
   :     PRINT AT(5,8);
   :     LINPUT STR(K1$,1,2)
1240     IF    STR(K1$,1,1)=HEX(00)       THEN  K1$="15"
   :     IF    NUM(STR(K1$,1,2))=0        THEN  1260
1250      CONVERT STR(K1$,1,NUM(STR(K1$,1,2))) TO O1
   :      IF    O1<16 AND O1>0       THEN  1270
1260           PRINT HEX(07)
   :           GOTO  1210

1270      IF    O1<>15       THEN  1360
   :           PRINT AT(8,0,);
   :           PRINTUSING 2470
1280       REM PRINT AT(12,0);"Enter Special Package Name ";
   :       REM  LINPUT -A5$(15)
1290           INIT (".") A7$()
   :       FOR   I=1 TO 20
   :                 PRINT AT(14,0);"Enter Program Element -or-  0 to End ";
   :                 LINPUT -A7$(I)
1300                 IF    A7$(I)<>"0      " AND
                          A7$(I)<>"0...."                    THEN  1320

   :                      A7$(I)="....."
   :                      L1=I-1
   :                      I=20
1310                      GOTO 1340

1320                 IF    I>10       THEN  1330
   :                      PRINT AT(18,(I-1)*7+1);A7$(I);
   :                      GOTO  1340

1330                 PRINT AT(20,(I-11)*7+1);A7$(I);
1340       NEXT  I
1350           PRINT AT(16,0);"Are Package Specifications OK (Y or N)?";
   :           C$ = "Y"
   :           LINPUT -C$
   :           IF    C$<>"Y"       THEN 1270
1360 C$="Y"
```

```
   : PRINT AT(22,0);
   : LINPUT "DO YOU WANT TO PRINT UIC RECORDS (Y-YES,N-NO)",-C$
   : PRINT HEX(03)
1370 REM                                          ; DETERMINE NO. OF PROGRAM ELEMENTS
   : MAT SEARCH A6$(),=HEX(2020202020) TO L$ STEP 5
1380 IF L$<>HEX(0000) THEN 1400
1390 PRINT AT(0,0);HEX(07);"ERROR OCCURED IN SEARCH"
   : GOTO 1200

1400 IF L1<>0 THEN 1410
   : L1=(VAL(L$,2)-1)/5
   : IF L1=0 THEN 1390
1410 REM                                          ; SET PRINT PARAMETERS FOR OPTION 6
   : N=10
   : N1=2
   : N2=6
   : N3=5
1420 REM                                                ; OPEN CORRECT ACTIVITY FILE
   : GOSUB '239(2)
   : GOSUB '230(2,4,3,N1,"ACTVF101",9,"BUDGET",A0$,A0$)
   : IF Q$=" " THEN 1430
   : STOP "ERROR OPENING FILE #2"
1430 K2$=ALL(00)
   : K3$=ALL(FF)
1440 REM                                                      ; PROCESSING LOOP
1450 FOR M1=1 TO L1
1460       IF O1<>15 THEN STR(K2$,1,5)=A6$(O1,M1)
   :         ELSE STR(K2$,1,5)=A7$(M1)
1470 REM                                                       ; DUMMY FINDOLD
   :       STR(K2$,N2,5)=ALL(00)
   :       GOSUB '232(2,0,STR(K2$,1,N))
   :         IF Q$="N" THEN 1480
   :         STOP "KFAM ERROR "#
1480 REM                                          ; POINTER POSITIONED, FIND NEXT
   :       GOSUB '237(2,0)
   :         IF Q$=" " THEN 1490
   :         IF Q$="E" THEN 1540
   :         STOP "KFAM ERROR "#
1490 REM                                                      ; GET ACTIVITY DATA
   :       GOSUB 940
1500 REM                                             ; SEARCH FOR UIC IN MLSVF101
   :       GOSUB '232(1,0,STR(N$(E),16,5))
   :         IF Q$=" " THEN 1510
   : REM                                       ; RECORD NOT IN FILE, GET NEXT RECORD
   :       GOTO 1480

1510 REM                                         ; CHECK FOR CORRECT PROGRAM ELEMENT
   :       IF STR(N$(E),11,5)=STR(K2$,1,5) THEN 1520
   :       GOTO 1540

1520 REM                                                       ; LOAD DATA RECORD
   :       GOSUB '38
   :       IF F1$="FIRST" THEN GOSUB 1000
   : REM                                                     ; PRINT DATA RECORD
   :       MAT A1=A
   :       F$="UIC"
   :       GOSUB '66
   :       F1$="NLAST"
1530 REM                                                ; GET NEXT ACTIVITY RECORD
   :       GOTO 1480
```

```
1540 REM                                          ; PRINT PROGRAM ELEMENT SUBTOTAL
   :       MAT A1=S1
   :       F$="PE "
   :       GOSUB '66
   :       GOSUB 1000
   :       MAT S1=ZER
1550 NEXT M1
   :       GOTO 1020

1560 REM %
```

OPTION 7 UIC SPECIAL PACKAGE

```
1570 REM                                          INITIALIZE UIC PACKAGE TABLES
   :    RESTORE LINE 280
   :    MAT READ A6$
1580 PRINT HEX(03);AT(3,0,);TAB(20);"UIC SPECIAL PACKAGE OPTION"
1590 PRINT AT(5,0);
   : FOR I= 1 TO 14
   :       J=(I-1)*5+1
   :       PRINTUSING 1640,J,A6$(I,1),J+1,A6$(I,2),J+2,A6$(I,3)
                                  ,J+3,A6$(I,4),J+4,A6$(I,5)
   : NEXT I
1600 PRINT AT(20,0,79);
   : PRINT "          Enter '0' to END input of UIC's "
1610 FOR  I=1 TO 14
   :       FOR  J=1 TO 5
   :            PRINT AT(I+4,(J-1)*16+3);
   :            LINPUT -A6$(I,J)
   :            IF   A6$(I,J)<>"0"      THEN 1620
   :                 A6$(I,J)=" "
   :                 PRINT AT(I+4,(J-1)*16+3,6)
   :                 I,J=99
1620       NEXT J
   : NEXT I
1630 C$="Y"
   : PRINT AT(20,0,79);
   : PRINT "   Are All these UIC's ok ( Y-yes, N-no) ";
   : LINPUT -C$
   : IF   C$<>"Y" THEN 1600
1640 %##. ######   *   ##. ######   *   ##. ######   *   ##. ######   *   ##.  #####

1650 C$="Y"
   : PRINT AT(22,0);
   : LINPUT "DO YOU WANT TO PRINT UIC RECORDS (Y-YES,N-NO)", -C$
1660 REM                                          ; DETERMINE NUMBER OF UICS
   : MAT SEARCH A6$(),=HEX(2020202020) TO L$ STEP 5
1670 PRINT HEX(03)
1680 IF L$<>HEX(0000) THEN 1700
1690    PRINT AT(0,0);HEX(07);"ERROR OCCURRED IN SEARCH"
   :    GOTO 1580

1700 L1=(VAL(L$,2)-1)/5
   : IF L1=0 THEN 1690
1710 REM                                          ; SET PARAMETERS FOR OPTION #7
   : N=5
   : N1=1
   : N2=11
   : N3=5
```

```
   : I=INT((L1-1)/5)+1
   : J=L1-(I-1)*5
   : K3$=A6$(I,J)
1720 REM                                              ; OPEN CORRECT ACTIVITY FILE
   : GOSUB '239(2)
   : GOSUB '230(2,4,3,1,"ACTVF101",9,P$,A0$,A0$)
   : IF Q$=" " THEN 1740
   : STOP "ERROR OPENING FILE #2"
1730 REM                                                  ; PROCESSING LOOP
1740 FOR M1=1 TO L1
   :       I=INT((M1-1)/5)+1
   :       J=M1-(I-1)*5
   :       K2$=A6$(I,J)
1750       A6$= ALL(00)
   :       STR(A6$,1,5) = K2$
   :       GOSUB '232(2,0,STR(A6$,,5))
   :            IF Q$=" " THEN 1760
   :            IF Q$="N" THEN 1810
   :            STOP "KFAM FIND OLD ERROR "#
1760 REM                                                ; GET ACTIVITY DATA
   :       GOSUB 940
1770 REM                                          ; SEARCH FOR UIC IN MLSVF101
   :       GOSUB '232(1,0,K2$)
   :            IF Q$ =" " THEN 1780
   :            IF Q$<> "N" THEN STOP "FINDOLD ERROR "#
   : REM                                    ; RECORD NOT IN FILE, GET NEXT RECORD
   :       GOTO 1810

1780 REM                                                ; LOAD DATA RECORD
   :       GOSUB '38
   : REM                                                    ; PRINT RECORD
   :       F$="UIC"
   :      MAT A1=A
   :       GOSUB '66
1790 REM                                               ; PRINTOUT ABORTED ?
   :       KEYIN K$,1800,1800
   :       GOTO 1810

1800       IF K$="K" OR K$=HEX(95) THEN K=L1
1810 NEXT M1
   : GOTO 1020

1820 REM %
```

DEFINED SPECIAL FUNCTIONS/SUBROUTINES

```
1830 DEFFN'15
   : REM                                                ; REINITIALIZE ROUTINE
   : RETURNCLEAR

   : GOTO 350

1840 DEFFN'31
   : REM                                                ; REINITIALIZE ROUTINE
   : RETURNCLEAR

   : GOTO 350

1850 REM %
```

SUBROUTINE 32 INITIALIZE SCREEN ROUTINE

```
1860 DEFFN'32
1870 SELECT PRINT 005(80)
   : PRINT HEX(03);TAB(10);"MILITARY SERVICE REPORT PRINT PROGRAM"
1880 IF 0<>1 THEN 1890
   : PRINT AT(6,0);"PRINTING UIC - ";STR(K2$,1,5)
   : GOTO 1960

1890 PRINT AT(5,0);
   : PRINTUSING "Summary by - ####################################",E1$(C)
1900 PRINT AT(8,0);
   : PRINTUSING 2580,"Starting - ",E1$(C);
1910 IF 0<>5 THEN 1920
   : PRINTUSING 2590,STR(K2$,1,10),STR(K2$,11,5)
   : GOTO 1930

1920 PRINTUSING 2590,STR(K2$,1,N3)
1930 PRINT AT(10,0);
   : PRINTUSING 2580,"Ending - ",E1$(C);
1940 IF 0<>5 THEN 1950
   : PRINTUSING 2590,STR(K3$,1,10),STR(K3$,11,5)
   : GOTO 1960

1950 PRINTUSING 2590,STR(K3$,1,N3)
1960 RETURN

1970 REM %
```

SUBROUTINES 38/39 LOAD/UNPACK DATA

```
1980 DEFFN'38
   :  LIMITS T#5,B1,B2,B
   :   FOR K=1 TO 1024 STEP 256
   :       DATA LOAD BA T #5, (B,B) STR(C$(),K,256)
   :   NEXT K
   : GOSUB '39 (1,36,1,3,65)
   : RETURN

1990 DEFFN'39(I1,I2,I3,I4,I5)
   : FOR I=I1TO I2
   :         MAT COPY C$()<(I-I1)*24+I5,24>TO C1$()<1,24>
   :      FOR J=1TO 6
   :         ON J GOTO 2000,2010,2020,2000,2010,2020
2000            UNPACK (I$(1)) STR(C1$(1),(J-1)*4+1,3) TO A(I,J)
   :            GOTO 2030

2010            IF J=2 THEN UNPACK (I$(2)) STR(C1$(1),4,4) TO A(I,J)
   :              ELSE UNPACK (I$(2)) STR(C1$(1),16,4) TO A(I,J)
   :            GOTO 2030

2020            IF J=3 THEN UNPACK (I$(3)) STR(C1$(1),8,5) TO A(I,J)
   :              ELSE UNPACK (I$(3)) STR(C1$(1),20,5) TO A(I,J)
2030 NEXT J,I
   : RETURN

2040 REM %
```

SUBROUTINE 66 PRINT RECORDS ROUTINE

```
2050 DEFFN '66
2060 L=Y*3-2
   : IF Y<10 THEN F7=F8
   : ELSE F7=F8+1
2070 REM                                                ; REM UPDATE SUBTOTALS
   : IF F$<>"UIC" THEN 2090
   : MAT S1=S1+A1
   : MAT S2=S2+A1
   : MAT S3=S3+A1
   : MAT S4=S4+A1
2080 REM                                          ; IF PRINT UIC SUPPRESSED, RETURN
   : IF C$="N" THEN 2210
2090 SELECT PRINT 215(132)
   : IF L2<4 THEN 2100
   : PRINT HEX(0C)
   : L2=1
   : PRINTUSING 2510,P
   : P=P+1
   : PRINT HEX(0E);
   : PRINTUSING 2500,A2$(Y)
2100 PRINT HEX(0A0A0A)
   : IF F$="PE " THEN 2110
   : IF F$="SHD" THEN 2130
   : IF F$="PGM" THEN 2160
   : IF F$="GND" THEN 2140
   : IF F$="FIN" THEN 2150
   : PRINT HEX(0E);
   : PRINTUSING 2520,STR(N$(E),16,5),STR(N$(E),21,25),STR(N$(E),11,5),STR(N$(E),
     1,10)
   : GOTO 2170

2110 IF D=5 OR D=8 THEN 2120
   : PRINT HEX(0E);
   : PRINTUSING 2530,P1$
   : GOTO 2170

2120 PRINT HEX(0E);
   : PRINTUSING 2540,P1$,N$
   : GOTO 2170

2130 PRINT HEX(0E);
   : PRINTUSING 2530,N$
   : GOTO 2170

2140 PRINT HEX(0E);
   : PRINTUSING 2560
   : GOTO 2170

2150 PRINT HEX(0E);
   : PRINTUSING 2570
   : GOTO 2170

2160 PRINT HEX(0E);
   : PRINTUSING 2550,STR(N$,3,1)
2170 PRINT HEX(0A0E);
   : PRINTUSING 2370
   : PRINT HEX(0A)
   : PRINTUSING 2380
   : PRINTUSING 2390
```

```
   : PRINTUSING 2400
   : PRINTUSING 2410
   : PRINT HEX(0A)
2180 REM                                                    ; CALCULATE COLUMN TOTALS
   : FOR I=1 TO 6
   :       S(I)=A1(L,I)+A1(L+1,I)+A1(L+2,I)
   : NEXT I
2190 M=0
   : FOR I=L TO L+2
   :       M=M+1
   :       PRINTUSING 2420,A$(M),A1(I,1),A1(I,2),A1(I,3),A1(I,4),A1(I,5),A1(I,6)
                          ,A1(I,1)+A1(I,4),A1(I,2)+A1(I,5),A1(I,3)+A1(I,6)

   : NEXT I
2200 PRINT HEX(0A)
   : PRINTUSING 2430,"       TOTALS",S(1),S(2),S(3),S(4),S(5),S(6)
                                    ,S(1)+S(4),S(2)+S(5),S(3)+S(6)

   : MAT S=ZER
   : L2=L2+1
2210 RETURN

2220 REM %
```

SUBROUTINE 67 PRINT REPORT 2182

```
2230 DEFFN '67
2240 CONVERT F7 TO F7$,(##)
2250 SELECT PRINT 215(132)
   : FOR I=1 TO CO
   : PRINT HEX(0C0B);"NAVCOMPT FORM 2182 (REV 9-68) (7000)";TAB(115);"NAVCOMPT 7
     000-17"
   : PRINT HEX(0E);TAB(21);"MILITARY SERVICE REPORT"
   : PRINT
   : PRINT
   : PRINTUSING 2300,A2$(Y)
   : PRINTUSING 2310
   : PRINTUSING 2320
   : PRINTUSING 2330
   : PRINTUSING 2340,STR(F7$,2),STR(N$,3,1)
   : PRINTUSING 2350,R$
   : PRINTUSING 2360,R1$
2260 PRINT
   : PRINT TAB(97);"Date of Submission"
   : PRINT TAB(97);"25 ";A2$(Y);" 19";F7$
   : PRINT HEX(0B0E);
   : PRINTUSING 2370
   : PRINT
   : PRINTUSING 2380
   : PRINTUSING 2390
   : PRINTUSING 2400
   : PRINTUSING 2410
   : PRINT
   : SELECT PRINT 015
   : MAT A1=S3
   : GOSUB 2180
   : SELECT PRINT 215
2270 PRINT HEX(0A0A0A)
   : PRINT "* Footnote:"
   : PRINT "  RPN TARS Included"
   : C=3
```

```
   : NEXT I
2280 RETURN

2290 REM %
```

PRINT IMAGE STATEMENTS

```
2300 %From:                                                To:                                   O
     B Identification       For month of ################
2310 %Chief of Naval Education & Training                  Commander Naval Military
          00062
2320 %Naval Air Station                                    Personnel Command
2330 %Pensacola, FL   32508                                OP 131-C2  Room 3704                  A
     ppropriation Data      Reporting Fiscal Officer
2340 %                                                     Arlington Annex
       17#1804.62#0
2350 %                                                     Washington, DC   20370
                           #############
2360 %                                                     ATTN:  T. Walsh
                           ################################
2370 %             OFFICERS                ENLISTED                TOTALS
2380 %                                CURRENT MONTH                                        CURRENT
      MONTH                                CURRENT MONTH
2390 %   BRANCH        NUMBER     MILITARY     CUMULATIVE         NUMBER     MILITAR
     Y      CUMULATIVE          NUMBER     MILITARY      CUMULATIVE
2400 %     OF              ON       PERSONNEL        COST               ON       PERSONN
     EL        COST                ON       PERSONNEL        COST
2410 %  SERVICE          BOARD       COST          TO DATE              BOARD       COST
           TO DATE                BOARD       COST          TO DATE
2420 %##%%%########     ######  ##,###,###  #,###,###,###          ######  ##,###,##
     #  #,###,###,###          ######  ##,###,###  #,###,###,###
2430 %#############   ######## ###,###,### ##,###,###,###        ######## ###,###,##
     # ##,###,###,###         ######## ###,###,### ##,###,###,###
2440 %pe.pkg: ..                 Enter the Program Package Catagory (see below)
2450 %                           Enter RETURN(EXEC) for Special Package
2460 %! ##-################################ ---- #####/#####/#####/#####/#####
          !
2470 %                   Enter New Program Package
2480 %=============================================================================
     =====
2490 %   Current UIC - #####   Program Element - #####   Subhead - ##########
2500 %                 MILITARY SERVICE REPORT ##########
2510 %
                                    Page ##
2520 % UIC: #####  ########################## PE: #####  SH: ##########
2530 %                        SUBTOTAL FOR: ##########
2540 %                  SUBTOTAL FOR: #####     SUBHEAD: ##########
2550 %                           PROGRAM # TOTALS
2560 %                             GRAND TOTAL
2570 %                           CNET GRAND TOTAL
2580 %##########  ######################################
2590 % ########## - #####
2600 %                    ##       #########
2610 REM %
```

ERROR RECOVERY STATEMENTS

```
   : ON ERROR E$,E1$ GOTO 2620
2620 IF E$="D82" THEN 2640
   : PRINT HEX(07030A0A0A);"ERROR ";E$;" OCCURRED ON LINE ";E1$;
```

```
   : PRINT " -- PRESS ANY KEY TO CONTINUE -- ";
               "IF SAME ERROR OCCURS CALL PROGRAMMER"
   : KEYIN K$
2630 REM                                                    ; RETURN TO PRINT MENU
   : GOTO 350

2640 PRINT HEX(07030A0A);"FILE YOU ARE ATTEMPTING TO ACCESS MAY NOT BE ON DISK"
   : PRINT " CHECK THE DISK --PRESS ANY KEY TO CONTINUE"
   : KEYIN K$
   : REM                                                    ; RETURN TO OPEN FILES
   : GOTO 320

2650 REM                                                    ; RETURN TO SYSTEM MENU
   : GOSUB '239(1)
   : GOSUB '239(2)
   : LOAD T #0,"START"

2660 END
```

MLSVPRNT VARIABLES

```
A(     - 0070 0490 0870 1520 1780 2000 2010 2020
A$(    - 0060 0120 2190
A0$    - 0330 0340 0560 1420 1720
A1(    - 0090 0490 0790 0800 0820 0830 0870 1030 1080 1090 1100 1110 1180 1520
         1540 1780 2070 2180 2190 2260
A2$(   - 0060 0130 0390 2090 2250 2260
A4$    - 0060 0720 0730 0740 0780 0840 1060 1120 1150 1170 1180
A4$(   - 0060 0780 0840 0920 0950 0960 0970 1060 1120 1150 1170 1180
A5$(   - 0080 0160 1210 1220
A6$    - 0080 1750
A6$(   - 0080 0200 1220 1370 1460 1570 1590 1610 1660 1710 1740
A7$(   - 0080 1290 1300 1320 1330 1460
A8$(   - 0090 0250
B      - 1980
B1     - 1980
B2     - 1980
C      - 0430 0590 0600 0780 0840 0920 0970 1060 1120 1150 1170 1180 1890 1900
         1930 2270
C$     - 0070 0410 0420 0630 1350 1360 1630 1650 2080
C$(    - 0070 1980 1990
C0     - 0400 0820 1030 1100 2250
C1$(   - 0070 1990 2000 2010 2020
E      - 0490 0720 0730 0740 0750 0820 0940 0950 0960 0980 1000 1090 1500 1510
         2100
E$     - 0080 2610 2620
E1$    - 0080 2610 2620
E1$(   - 0080 0140 0590 0600 1890 1900 1930
F$     - 0060 0430 0490 0790 0800 0820 0830 0870 1020 1080 1090 1100 1110 1180
         1520 1540 1780 2070 2100
F1$    - 0080 0430 0570 0760 0780 0870 0970 1060 1110 1520
F7     - 2060 2240
F7$    - 0090 0100 0320 2240 2250 2260
F8     - 0320 2060
F9$    - 0100 0320 0330
I      - 0390 0400 1210 1220 1290 1300 1320 1330 1340 1590 1610 1620 1710 1740
         1990 2000 2010 2020 2030 2180 2190 2250 2270
I$(    - 0080 0430 2000 2010 2020
I1     - 1990
I2     - 1990
I3     - 1990
I4     - 1990
I5     - 1990
J      - 1590 1610 1620 1710 1740 1990 2000 2010 2020 2030
K      - 1800 1980
K$     - 0060 0470 0480 0850 0860 0870 0880 1130 1140 1790 1800 2620 2640
K1$    - 0070 1230 1240 1250
K2$    - 0060 0460 0470 0480 0570 0590 0610 0620 0640 0660 0670 1430 1460 1470
         1510 1740 1750 1770 1880 1910 1920
K3$    - 0060 0580 0590 0600 0610 0620 0840 0920 0970 1150 1430 1710 1940 1950
L      - 2060 2180 2190
L$     - 0090 1370 1380 1400 1660 1680 1700
L1     - 1210 1300 1400 1450 1700 1710 1740 1800
L2     - 0430 0820 1030 1100 2090 2200
M      - 2190
M1     - 1450 1460 1550 1740 1810
N      - 0520 0530 0540 0550 0670 1410 1470 1710
N$     - 0090 0820 0830 1000 1090 1110 2120 2130 2160 2250
N$(    - 0060 0490 0720 0730 0740 0750 0820 0940 0950 0960 0980 1000 1090 1500
```

```
          1510 2100
N1      - 0520 0530 0540 0550 0560 1410 1420 1710
N2      - 0520 0530 0540 0550 0670 1410 1470 1710
N3      - 0520 0530 0540 0550 0590 0600 0780 0840 0920 0970 1120 1150 1410 1710
          1920 1950
O       - 0380 0430 0440 0570 0660 0710 0720 0730 0740 0770 0790 0810 0840 0870
          0900 0920 1010 1110 1880 1910 1940 2110
O1      - 1250 1270 1460
P       - 0430 0640 2090
P$      - 0330 0340 1720
P1$     - 0090 1000 2110 2120
Q       - 0490 0940
Q$      - 0330 0340 0470 0480 0560 0650 0660 0670 0680 0750 0820 0840 0890 1090
          1420 1470 1480 1500 1720 1750 1770
R$      - 0090 0420 2250
R1$     - 0090 0420 2250
R2$     - 0090 0610 0620
S(      - 0070 2180 2200
S1(     - 0070 0430 0800 0810 1080 1180 1540 2070
S2      - 0320
S2(     - 0070 0430 0790 0820 1090 2070
S3(     - 0070 0430 0820 1030 1100 2070 2260
S4(     - 0100 0430 0830 1110 2070
Y       - 0390 2060 2090 2250 2260
Y$      - 0080 0430
```

MLSVPRNT LINE NUMBER REFERENCE

```
0120  - 0110
0210  - 1210
0280  - 1570
0320  - 2640
0340  - 0330
0350  - 0340 0490 0830 0840 1010 1030 1040 1110 1830 1840 2630
0380  - 0380 0440
0390  - 0390
0400  - 0400
0410  - 0400 0420
0430  - 0400 0420
0460  - 0440 0470 0480
0480  - 0470
0490  - 0480
0520  - 0440
0530  - 0440
0540  - 0440
0550  - 0440
0560  - 0530 0540
0570  - 0520 0560
0580  - 0570
0590  - 0570
0610  - 0570 0610
0620  - 0610
0630  - 0580 0600
0650  - 0640
0660  - 0640
0670  - 0660
0680  - 0670
0690  - 0650 0660 0680
0730  - 0720
0740  - 0730
0750  - 0710 0720 0730 0930
0760  - 0750
0790  - 0900
0800  - 0790 0900
0810  - 0790
0820  - 0810
0840  - 0810 0820 0830
0860  - 0850
0870  - 0770 0780 0850 1160 1190
0880  - 0870
0890  - 0750 0870
0900  - 0890
0910  - 0890
0930  - 0920
0940  - 0700 0910 1490 1760
0980  - 0970
1000  - 0760 0840 1120 1180 1520 1540
1010  - 0860 0880 1140
1020  - 0840 0900 0920 1010 1550 1810
1060  - 0770
1080  - 0900
1100  - 1150
1110  - 1100
1120  - 1090 1110
1140  - 1130
1150  - 1130
```

```
1170  - 1060
1190  - 1060 1170
1200  - 0440 1390
1210  - 1260
1260  - 1240
1270  - 1250 1350
1320  - 1300
1330  - 1320
1340  - 1310 1320
1360  - 1270
1390  - 1400
1400  - 1380
1410  - 1400
1430  - 1420
1480  - 1470 1500 1530
1490  - 1480
1510  - 1500
1520  - 1510
1540  - 1480 1510
1560  - 0440
1580  - 1690
1600  - 1630
1620  - 1610
1640  - 1590
1690  - 1700
1700  - 1680
1740  - 1720
1760  - 1750
1780  - 1770
1800  - 1790
1810  - 1750 1770 1790
1890  - 1880
1920  - 1910
1930  - 1910
1950  - 1940
1960  - 1880 1940
2000  - 1990
2010  - 1990
2020  - 1990
2030  - 2000 2010
2090  - 2070
2100  - 2090
2110  - 2100
2120  - 2110
2130  - 2100
2140  - 2100
2150  - 2100
2160  - 2100
2170  - 2100 2110 2120 2130 2140 2150
2180  - 2260
2210  - 2080
2300  - 2250
2310  - 2250
2320  - 2250
2330  - 2250
2340  - 2250
2350  - 2250
2360  - 2250
2370  - 2170 2260
2380  - 2170 2260
```

```
2390  - 2170 2260
2400  - 2170 2260
2410  - 2170 2260
2420  - 2190
2430  - 2200
2440  - 1230
2450  - 1230
2460  - 1220
2470  - 1270
2480  - 1210
2490  - 0980
2500  - 2090
2510  - 2090
2520  - 2100
2530  - 2110 2130
2540  - 2120
2550  - 2160
2560  - 2140
2570  - 2150
2580  - 1900 1930
2590  - 1910 1920 1940 1950
2600  - 0390
2620  - 2610
2640  - 2620
2650  - 0380 0440
8000  - 0110
9999  - 0110
```

MLSVPRNT SUBROUTINE REFERENCE

```
1830 DEFFN' 15
1840 DEFFN' 31
1860 DEFFN' 32
       - 0690
1980 DEFFN' 38
       - 0490 0760 1520 1780
1990 DEFFN' 39
       - 1980
2050 DEFFN' 66
       - 0490 0810 0820 0830 0870 1030 1080 1090 1100 1110 1180 1520 1540 1780
2230 DEFFN' 67
       - 0820 1030 1100
8155 DEFFN' 212
8430 DEFFN' 214
8395 DEFFN' 216
       - 8360
8355 DEFFN' 230
       - 0330 0340 0560 1420 1720
8330 DEFFN' 231
8095 DEFFN' 232
       - 0470 0480 0660 0670 0750 1470 1500 1750 1770
8260 DEFFN' 233
8255 DEFFN' 234
8100 DEFFN' 235
       - 0650
8150 DEFFN' 236
8105 DEFFN' 237
       - 0680 0890 1480
8400 DEFFN' 239
       - 0320 0560 1420 1720 2650
```

VARIABLE DEFINITIONS

Variable	Definition
A(36,6)	Numeric work array
A$(3)12	Service titles
A0$3	Disk address of files
A1(36,6)	Print array
A2$(12)9	Names of months
A4$20	Storage variable for current key
A5$(15)30	Program element package headings
A6$5	Key for UIC table lookup
A6$(15,5)5	Program element package table
A7$(20)15	Special program element package array
B	Current sector address of file as defined by limits
B1	Beginning sector address of file
B2	Ending sector address of file
C	Index variable
C$(16)64	Data load array
C0	Number of copies of report to print
C1$(1)30	Unpack array
E	Storage variable for KFAM block pointer
E$3	Error number
E1$4	Line number of error E$
F$3	Flag for element being printed
F1$5	First, last, or middle flag
F7	Calendar year
F7$	Fiscal year/Calendar year

Variable	Definition
F8	Fiscal year
F9$8	Name of MILSERV file being opened
I	Index variable
I$(3)	Unpack images
I1	Starting row in A( ) to begin unpack
I2	Ending row in A( ) to end unpack
I5	Starting byte of C$( ) to start unpack
J	Index variable
K	Index variable
K$1	Key-in variable
K1$2	Program element package option
K2$20	Beginning element to print
K3$20	Ending element to print
L	Row in A( ) where current month data begins
L$2	Mat search locator variable
L1	Index variable
L2	Line number on page counter
M	Index variable
M1	Index variable
N	KFAM key length
N$10	Storage variable for current subhead
N$(2)124	Activity file data
N1	Activity file key file number
N2	Starting position of UIC in key
N3	Logical key length

Variable	Definition
O	Print option
O1	Program element package option
P	Page number
P$16	Password
Q	KFAM pointer
Q$1	KFAM return variable
R$12	Name of person to sign 2182
R1$29	Title of person to sign 2182
R2$1	Program number to print for option 8
S(6)	Column totals
S1(36,6)	Program element subtotal array
S2(36,6)	Subhead subtotal array
S3(36,6)	Program total array
S4(36,6)	Grand total array
Y	Month selected to print

APPENDIX C

MERGE PROGRAM LISTING AND VARIABLE DEFINITIONS

MILSERV MERGE FILE PROGRAM <MERGE>

```
0010 REM CNET N-6  MILSERV SYSTEM FILE MERGE PROGRAM  "MERGE"   08/20/79  (17K)
0020 REM                                                  ; KFAM COMMMON VARIABLES

   : DIM T0$17,V9,V7$8
0030 DIM Q0$(4)60,Q9$2,V3$2,Q3$2,V8$1,V6$1,Q4$2,V5$1,Z9$1
0040 DIM V7$(8)8,V8(8),V0$(8)24,T5$(8)58,T6$(8)3
   : DIM V2$2,Q2$2,T8,T2$2,T0,T8$1,T$(3)48
   : DIM Q3,V6,T5$10,Q8$22,T3$3,T7$30,V,T2,V7,Q,V1,Q0$3,V4$4,V$18
0050 DIM S2,T1,V0$2,T$8,T2$(8)2,Q2,Q$1,T9,T1$30,T9$2,V0
   : DIM T1$(1)2,T6,T4$3,T0$(4)60,T4,T3,T5,V9$2,T
0060 REM                                                  ; LOCAL VARIABLES

   : DIM A1$3,B$(4)64,B1$(2)124,C1$(2)124
0070 DIM C$1,L$2,B2$(3)8,P$(3)8,N(3),U$5
0080  LOAD T #0,"COMKFAM5" 8000,9999 BEG 90

0090 REM                                                  ; LOAD FILE NAMES
   : MAT READ P$
   : DATA "MLSVF101","ACTVF101","........"
0100 REM                                          ; LOAD SECTOR/RECORD TABLE
   : MAT READ N
   : DATA 4,2,0
0110 REM                                            ; SELECT DISK ADDRESSES

0120 SELECT PRINT 005(80),INPUT 001,CO 005(80)
   : PRINT HEX(0306);TAB(27);"MILSERV SYSTEM:  File Merge Program"
0130 PRINT AT(3,0,)
0140 A0$=" "
   : LINPUT "ENTER ADDRESS OF THE FUNCTIONAL COMMAND DISK"-A0$
   : IF STR(A0$,1,1)="3" OR STR(A0$,1,1)="B" THEN 160
0150 PRINT HEX(07);"INVALID DISK ADDRESS"
   : GOTO 140

0160 IF STR(A0$,2,1)< "1" OR STR(A0$,2,1)>"8" THEN 150
   : IF STR(A0$,3,1)<>"0" THEN 150
0170 PRINT AT(5,0);
   : A1$=" "
   : LINPUT "ENTER ADDRESS OF THE MASTER FILE DISK"-A1$
   : IF STR(A1$,1,1)="3" OR STR(A1$,1,1)="B" THEN 190
0180 PRINT HEX(07);"INVALID DISK ADDRESS"
   : GOTO 170

0190 IF STR(A1$,2,1)< "1" OR STR(A1$,2,1)>"8" THEN 180
   : IF STR(A1$,3,1)<>"0" THEN 180
0200 SELECT #1 <A0$>, #2 <A0$>, #3 <A1$>, #4 <A1$>
   : SELECT #5 <A1$>, #6 <A1$>, #7 <A1$>, #8 <A1$>
0210 REM                                          ; INITIALIZE VARIABLES
   : B2$()=ALL(".")
   : S2=1
0220 P$() = B2$()
0230 REM                                                  ; CLEAR SCREEN
   : PRINT AT(2,0,);
0240 REM %
```

TRANSFER DATA

```
   : FOR K=1 TO 2
0250 REM                                          ; TEST FOR ACTIVITY FILE
```

```
   : IF B2$(K)<>"ACTVF101" THEN 260
   : GOSUB '50
   : GOTO 430

0260 REM                                          ; NUMBER OF SECTORS/RECORD POINTER
   : MAT SEARCH P$(),=B2$(K) TO L$ STEP 8
   : IF L$<> HEX(0000) THEN 270
   : STOP "PROGRAM ERROR "#
0270 J=(VAL(L$,2)-1)/8+1
0280 REM                                                ; OPEN FILE ON INPUT DISK
   : GOSUB '239(1)
   : GOSUB '230(1,2,1,1,B2$(K),9,"BUDGET",A0$,A0$)
   : IF Q$=" " THEN 290
   : STOP "ERROR OPENING FILE #1"
0290 REM                                               ; OPEN FILE ON MASTER DISK
   : GOSUB '239(2)
   : GOSUB '230(2,4,3,1,B2$(K),9,"BUDGET",A1$,A1$)
   : IF Q$=" " THEN 300
   : STOP "ERROR OPENING FILE #2"
0300 REM                                                  ; FINDFIRST INPUT FILE
   : GOSUB '235(1,0)
   : IF Q$=" " THEN 310
   : STOP "KFAM ERROR "#
0310 REM                                              ; READ INPUT RECORD ADDRESS
   : LIMITS T #1,B1,B2,B
   : U$=STR(T7$,1,5)
0320 REM                                                    ; FINDNEW FOR ADD
   : GOSUB '233(2,0,U$,0)
   : IF Q$=" "THEN 360
   : IF Q$="D" THEN 340
   : IF Q$="X" THEN STOP "KFAM FINDOLD ERROR "#
0330 SELECT PRINT 215(132)
   : PRINT "**** INPUT FILE  - ";B2$(K);
   : PRINT " FULL ****      PROCESSING UIC - ";U$
   : SELECT PRINT 005(80)
   : GOTO 430

0340 REM                                                 ; FINDOLD FOR REPLACE
   : GOSUB '232(2,0,U$)
   : IF Q$=" " THEN 360
0350 SELECT PRINT 215(132)
   : PRINT "**** COULD NOT TRANSFER RECORD WITH UIC - ";
   : PRINT U$;" FILE - ";B2$(K);" ****"
   : SELECT PRINT 005(80)
   : GOTO 420

0360 LIMITS T #3,C1,C2,C
0370 PRINT AT(10,0,60);"PROCESSING FILE - ";B2$(K);" RECORD UIC - ";U$;
0380 FOR I=1 TO N(J)
0390 REM                                                   ; READ INPUT SECTOR
   : DATA LOAD BA T #1,(B,B) B$()
0400 REM                                                  ; WRITE OUTPUT SECTOR
   : DATA SAVE BA T #3,(C,C) B$()
0410 NEXT I
0420 REM                                                  ; FINDNEXT INPUT FILE
   : GOSUB '237(1,0)
   : IF Q$=" " THEN 310
   : IF Q$="E" THEN 430
   : STOP "KFAM ERROR "#
0430 NEXT K
```

```
0440 PRINT HEX(07);"**** DONE ****"
0450 END

0460 REM %
```

SUBROUTINE 50 UPDATE ACTIVITY FILE

```
0470 DEFFN'50
0480 REM                                          ; OPEN ACTIVITY FILE ON INPUT DISK
   : GOSUB '239(1)
   : GOSUB '230(1,2,1,1,"ACTVF101",9,"BUDGET",A0$,A0$)
   : IF Q$=" " THEN 490
   : SELECT PRINT 215(132)
   : PRINT "**** NO ACTIVITY FILE ON INPUT DISK ****"
   : GOTO 520

0490 REM                                          ; OPEN ACTIVITY FILE ON OUTPUT DISK
   : GOSUB '239(2)
   : GOSUB '230(2,4,3,1,"ACTVF101",9,"BUDGET",A1$,A1$)
   : IF Q$=" " THEN 500
   : SELECT PRINT 215(132)
   : PRINT "**** NO ACTIVITY FILE ON OUTPUT DISK ****"
   : GOTO 520

0500 REM                                          ; OPEN KEY FILE #2 ON OUTPUT DISK
   : GOSUB '239(3)
   : GOSUB '230(3,6,5,2,"ACTVF101",9,"BUDGET",A1$,A1$)
   : IF Q$=" " THEN 510
   : SELECT PRINT 215(132)
   : PRINT "**** KEY FILE 2 MISSING ON OUTPUT DISK ****"
   : GOTO 520

0510 REM                                          ; OPEN KEY FILE #3 ON OUTPUT DISK
   : GOSUB '239(4)
   : GOSUB '230(4,8,7,3,"ACTVF101",9,"BUDGET",A1$,A1$)
   : IF Q$=" " THEN 530
   : SELECT PRINT 215(132)
   : PRINT "**** KEY FILE 3 MISSING ON OUTPUT DISK ****"
0520 SELECT PRINT 005(80)
   : GOTO 750

0530 REM                                          ; FINDFIRST INPUT FILE
   : GOSUB '235(1,0)
   : IF Q$=" " THEN 540
   : STOP "KFAM ERROR "#
0540 PRINT AT(10,0,60);"PROCESSING FILE - ";B2$(K);" RECORD UIC - ";STR(T7$,1,5)
   ;
0550 REM                                          ; READ INPUT RECORD ADDRESS
   : A=Q
   : LIMITS T #1,B1,B2,B
   : DATA LOAD DA T #1,(B,) B1$()
0560 REM                                          ; GET OUTPUT ADDRESS
   : GOSUB '233(2,0,STR(B1$(A),16,5),0)
   : IF Q$=" "THEN 570
   : GOTO 640

0570 REM                                          ; UPDATE KEY FILE 2+3
   : A1=Q
   : STR(T5$(3),1,3),STR(T5$(4),1,3)=T4$
0580 REM                                          ; FINDNEW(HERE)
```

AD-A077 051 TRAINING ANALYSIS AND EVALUATION GROUP (NAVY) ORLANDO FL F/G 5/2
MILITARY SERVICE REPORTING SYSTEM.(U)
OCT 79 C M TROTTA

UNCLASSIFIED TAEG-TH-79-6 NL

2 OF 2
AD
A077051

END
DATE
FILMED
12-79
DDC

```
   : GOSUB ' 234(3,0,STR(B1$(A),11,10),0)
   : IF Q$=" " THEN 590
   : STOP "KFAM ERROR "#
0590 REM                                                    ; FINDNEW(HERE)
   : GOSUB ' 234(4,0,STR(B1$(A),1,20),0)
   : IF Q$=" " THEN 600
   : STOP "KFAM ERROR "#
0600 LIMITS T #3,C1,C2,C
0610 DATA LOAD BA T #3,(C,) B$()
   : C1$(1)=STR(B$(),4,124)
   : C1$(2)=STR(B$(),129,124)
0620 REM                                        ; PUT NEW DATA IN OUTPUT RECORD
   : C1$(A1)=B1$(A)
0630 REM                                                ; WRITE OUTPUT RECORD
   : DATA SAVE DA T #3,(C,) C1$()
   : GOTO 740

0640 IF Q$="D" THEN 660
   : IF Q$="S" THEN 650
   : STOP "KFAM ERROR "#
0650 STOP "OUTPUT FILE FULL "#
0660 REM                                            ; FINDOLD OUTPUT FILE #2
   : GOSUB ' 232(2,0,STR(B1$(A),16,5))
   : IF Q$=" "THEN 680
0670 SELECT PRINT 215(132)
   : PRINT "**** COULD NOT TRANSFER RECORD WITH UIC - ";
   : PRINT U$;" FILE - ";B2$(K);" ****"
   : SELECT PRINT 005(80)
   : GOTO 740

0680 A1=Q
   : LIMITS T #3,C1,C2,C
   : DATA LOAD BA T #3,(C,)B$()
   : C1$(1)=STR(B$(),4,124)
   : C1$(2)=STR(B$(),129,124)
   : IF STR(B1$(A),11,5)=STR(C1$(A1),11,5) THEN 710
   : GOSUB '231(3,0,STR(C1$(A1),11,10))
   : IF Q$<>" " THEN STOP "2ND KEY DELETE UNSUCCESSFUL"
0690 REM                                                    ; FINDNEW(HERE)
   : GOSUB ' 234(3,0,STR(B1$(A),11,10),0)
   : IF Q$=" " THEN 700
   : STOP "KFAM ERROR "#
0700 REM                                                    ; FINDNEW(HERE)
   : GOSUB '231(4,0,STR(C1$(A1),1,20))
   : IF Q$<>" " THEN STOP "3RD KEY DELETE UNSUCCESSFUL"
   : GOSUB ' 234(4,0,STR(B1$(A),1,20),0)
   : IF Q$=" " THEN 730
   : STOP "KFAM ERROR "#
0710 IF STR(B1$(A),1,10)=STR(C1$(A1),1,10) THEN 730
   : GOSUB '231(4,0,STR(C1$(A1),1,20))
   : IF Q$<>" " THEN STOP "3RD KEY DELETE UNSUCCESSFUL "#
0720 REM                                                ; FINDNEW(HERE)
   : GOSUB ' 234(4,0,STR(B1$(A),1,20),0)
   : IF Q$=" " THEN 730
   : STOP "KFAM ERROR "#
0730 REM                                                    ; SAVE DATA
   : GOTO 620

0740 REM                                                ; FINDNEXT INPUT FILE
   : GOSUB '237(1,0)
```

```
    : IF Q$=" " THEN 540
    : IF Q$="E" THEN 750
    : STOP "KFAM ERROR "#
0750 RETURN
```

MERGE PROGRAM VARIABLES

```
A      - 0550 0560 0580 0590 0620 0660 0680 0690 0700 0710 0720
A0$    - 0140 0160 0200 0280 0480
A1     - 0570 0620 0680 0700 0710
A1$    - 0060 0170 0190 0200 0290 0490 0500 0510
B      - 0310 0390 0550
B$(    - 0060 0390 0400 0610 0680
B1     - 0310 0550
B1$(   - 0060 0550 0560 0580 0590 0620 0660 0680 0690 0700 0710 0720
B2     - 0310 0550
B2$(   - 0070 0210 0220 0250 0260 0280 0290 0330 0350 0370 0540 0670
C      - 0360 0400 0600 0610 0630 0680
C1     - 0360 0600 0680
C1$(   - 0060 0610 0620 0630 0680 0700 0710
C2     - 0360 0600 0680
I      - 0380 0410
J      - 0270 0380
K      - 0240 0250 0260 0280 0290 0330 0350 0370 0430 0540 0670
L$     - 0070 0260 0270
N(     - 0070 0100 0380
P$(    - 0070 0090 0220 0260
Q      - 0550 0570 0680
Q$     - 0280 0290 0300 0320 0340 0420 0480 0490 0500 0510 0530 0560 0580 0590
         0640 0660 0680 0690 0700 0710 0720 0740
S2     - 0210
T4$    - 0570
T5$(   - 0570
T7$    - 0310 0540
U$     - 0070 0310 0320 0330 0340 0350 0370 0670
```

MERGE LINE NUMBER REFERENCE

```
0090  - 0080
0140  - 0150
0150  - 0160
0160  - 0140
0170  - 0180
0180  - 0190
0190  - 0170
0260  - 0250
0270  - 0260
0290  - 0280
0300  - 0290
0310  - 0300 0420
0340  - 0320
0360  - 0320 0340
0420  - 0350
0430  - 0250 0330 0420
0490  - 0480
0500  - 0490
0510  - 0500
0520  - 0480 0490 0500
0530  - 0510
0540  - 0530 0740
0570  - 0560
0590  - 0580
0600  - 0590
0620  - 0730
0640  - 0560
0650  - 0640
0660  - 0640
0680  - 0660
0700  - 0690
0710  - 0680
0730  - 0700 0710 0720
0740  - 0630 0670
0750  - 0520 0740
8000  - 0080
9999  - 0080
```

MERGE SUBROUTINE REFERENCE

```
0470 DEFFN' 50
       - 0250
8155 DEFFN' 212
8430 DEFFN' 214
8395 DEFFN' 216
       - 8360
8355 DEFFN' 230
       - 0280 0290 0480 0490 0500 0510
8330 DEFFN' 231
       - 0680 0720
8095 DEFFN' 232
       - 0340 0660
8260 DEFFN' 233
       - 0320 0560
8255 DEFFN' 234
       - 0580 0590 0700 0710 0740
8100 DEFFN' 235
       - 0300 0530
8150 DEFFN' 236
8105 DEFFN' 237
       - 0420 0760
8400 DEFFN' 239
       - 0280 0290 0480 0490 0500 0510
```

VARIABLE DEFINITIONS

Variable	Definition
A	Storage variable for KFAM pointer
A0$3	Disk address of input file
A1	Storage variable for KFAM pointer
A1$3	Disk address of output file
B	Current sector address of input file as defined by limits
B$(2)124	Data load/save array
B1	Beginning sector address of input file
B1$(2)124	Data load array for activity file
B2	Ending sector address of output file
B2$(3)8	Array of file names to merge
C	Current sector address of output file as defined by limits
C1	Beginning sector address of output file
C1$(2)124	Storage array for activity file merge
C2	Ending sector address of output file
I	Index variable
J	Index variable
K	Index variable
L$2	Locator variable for mat search
N(3)	Number of sectors/records in files
P$(3)8	Array of file names to merge
Q	KFAM pointer
Q$1	KFAM return variable
S2	CPU number

Variable	Definition
T4$3	Sector address for KFAM FINDNEW(HERE)
T5$(8)58	Sector address for KFAM FINDNEW(HERE)
T7$30	Current KFAM key
U$5	Current Unit Identification Code

APPENDIX D

PRINT UIC LIST PROGRAM LISTING AND VARIABLE DEFINITIONS

PRINT LIST OF UICS <MLSVPRT1>

```
0010 % CNET N-6    MILITARY SERVICE REPORT PRINT UICS PROGRAM        VERSION 1.0
                        "MLSVPRT1" 8/16/79  (12K)
0020 REM                                                          ; KFAM VARIABLES

   : DIM T0$17,V9,V7$8
0030 DIM Q0$(4)60,Q9$2,V3$2,Q3$2,V8$1,V6$1,Q4$2,V5$1
0040 DIM V7$(8)8,V8(8),V0$(8)24,T5$(8)58,T6$(8)3
   : DIM V2$2,Q2$2,T8,T2$2,T0,T8$1,T$(3)48
   : DIM Q3,V6,T5$10,Q8$22,T3$3,T7$30,V,T2,V7,Q,V1,Q0$3,V4$4,V$18
0050 DIM S2,T1,V0$2,T$8,T2$(8)2,Q2,Q$1,T9,T1$30,T9$2,V0
   : DIM T1$(1)2,T6,T4$3,T0$(4)60,T4,T3,T5,V9$2,T
0060 REM                                                          ; LOCAL VARIABLES

   : DIM F7$2,F9$8,N$(2)124,S$10
0070 LOAD T#0,"COMKFAM5"8000,BEG80

0080 REM                                                  ; INITIALIZE SCREEN DISPLAY
   : SELECT CO 005(80)
   : SELECT PRINT 005(80)
   : PRINT HEX(03)
   : PRINT AT(12,0);"PRINTING LIST OF UICS WHICH SUBMIT REPORT 2182....."
   : L=99
   : S=0
   : S$=" "
0090 REM                                                  ; CLOSE KFAM FILES IF OPEN
   : GOSUB '239(1)
   : GOSUB '239(2)
   : CONVERT F8 TO F7$,(##)
   : F9$="MLSVF10" & STR(F7$,2,1)
0100 REM                                          ; OPEN MILSERV AND ACTIVITY FILES
   : S2=1
   : GOSUB '230(1,5,6,1,F9$,9,P$,A0$,A0$)
   : IF Q$<>" " THEN STOP "MILSERV FILE OPEN ERROR"
   : GOSUB '230(2,1,2,3,"ACTVF101",9,P$,A0$,A0$)
   : IF Q$<>" " THEN STOP "ACTIVITY FILE OPEN ERROR"
0110 REM                                                  ; FIND FIRST UIC IN FILE
   : GOSUB '235(2,0)
   :  IF Q$<>" " THEN STOP "FIND FIRST ERROR"
0120 REM                                                  ; PRINT ROUTINE
   : SELECT PRINT 215(132)
   : IF L<51 THEN 130
   : PRINT HEX(0C0E);
   : PRINTUSING 180
   : PRINT HEX(0A0A)
   : PRINTUSING 190
   : PRINTUSING 200
   : IF S$<>" " THEN PRINT HEX(0A)
   : L=1
0130 DATA LOAD DC #2, N$()
   : E=0
   : GOSUB '232(1,0,STR(N$(E),16,5))
   : IF Q$=" " THEN 140
   : IF Q$="N" THEN 160
   : STOP "ERROR IN FINDOLD "#
0140 IF S$=STR(N$(E),1,10) THEN 150
   : PRINT HEX(0A)
   : L=L+1
```

```
0150 REM                                                          ; PRINT UIC DATA
   : PRINTUSING 210,STR(N$(E),1,10),STR(N$(E),11,5),STR(N$(E),16,5)
   : L=L+1
   : S=S+1
   : S$=STR(N$(E),1,10)
0160 REM                                                  ; FIND NEXT UIC IN FILE
   : GOSUB '237(2,0)
   :   IF Q$=" " THEN 120
   :   IF Q$="E" THEN 170
   :   IF Q$<>" " THEN STOP "FIND NEXT ERROR"
0170 PRINT HEX(0A0A0A0A)
   : PRINT HEX(0E);
   : PRINTUSING 220,S
   : SELECT PRINT 005(80)
   : PRINT AT(12,0,80);"END OF LIST--LOADING MENU PROGRAM"
   : GOSUB '239(1)
   : GOSUB '239(2)
   :  LOAD DC T #0, "START"

0180  %                LIST OF UICS SUBMITTING 2182 DATA
0190  %       SUBHEAD     PROG ELEM     UIC              OCT     NOV     DEC     JAN
      FEB     MAR     APR     MAY    JUNE    JULY     AUG    SEPT
0200  %       -------     ---------     ---              ---     ---     ---     ---
      ---     ---     ---     ---    ----    ----     ---    ----
0210  %     ###########     #####      #####            ____    ____    ____    ____
____  ____    ____    ____    ____    ____    ____    ____    ____
0220  %          NUMBER OF UIC'S SUBMITTING 2182'S      ###
```

MLSVPRT1 VARIABLES

```
A0$    - 0100
E      - 0130 0140 0150
F7$    - 0060 0090
F8     - 0090
F9$    - 0060 0090 0100
L      - 0080 0120 0140 0150
N$(    - 0060 0130 0140 0150
P$     - 0100
Q      - 0130
Q$     - 0100 0110 0130 0160
S      - 0080 0150 0170
S$     - 0060 0080 0120 0140 0150
S2     - 0100
```

MLSVPRT1 LINE NUMBER REFERENCE

0080 - 0070
0120 - 0160
0130 - 0120
0140 - 0130
0150 - 0140
0160 - 0130
0170 - 0160
0180 - 0120
0190 - 0120
0200 - 0120
0210 - 0150
0220 - 0170
8000 - 0070

MLSVPRT1 SUBROUTINE REFERENCE

```
8155 DEFFN' 212
8430 DEFFN' 214
8395 DEFFN' 216
       - 8360
8355 DEFFN' 230
       - 0100
8330 DEFFN' 231
8095 DEFFN' 232
       - 0130
8260 DEFFN' 233
8255 DEFFN' 234
8100 DEFFN' 235
       - 0110
8150 DEFFN' 236
8105 DEFFN' 237
       - 0160
8400 DEFFN' 239
       - 0090 0170
```

VARIABLE DEFINITIONS

Variable	Definition
AO$3	Disk address
E	Storage variable for KFAM pointer
E7$2	Fiscal year
F8	Fiscal year
F9$8	MILSERV file name
L	Line number counter
N$(2)124	Activity file data
P$16	Password
Q	KFAM pointer
Q$1	KFAM return variable
S	UIC counter
S$10	Storage variable for current subhead
S2	CPU number

APPENDIX E

VERIFY UIC DATA ENTRY PROGRAM LISTING AND VARIABLE DEFINITIONS

VERIFY UIC DATA ENTRY <PRINTUIC>

```
0010 % CNET N-6    MILITARY SERVICE REPORT PRINT UICS PROGRAM        VERSION 1.0
                        "PRINTUIC" 8/16/79  (19K)
0020 REM                                                          ; KFAM VARIABLES

   : DIM T0$17,V9,V7$8
0030 DIM Q0$(4)60,Q9$2,V3$2,Q3$2,V8$1,V6$1,Q4$2,V5$1
0040 DIM V7$(8)8,V8(8),V0$(8)24,T5$(8)58,T6$(8)3
   : DIM V2$2,Q2$2,T8,T2$2,T0,T8$1,T$(3)48
   : DIM Q3,V6,T5$10,Q8$22,T3$3,T7$30,V,T2,V7,Q,V1,Q0$3,V4$4,V$18
0050 DIM S2,T1,V0$2,T$8,T2$(8)2,Q2,Q$1,T9,T1$30,T9$2,V0
   : DIM T1$(1)2,T6,T4$3,T0$(4)60,T4,T3,T5,V9$2,T
0060 REM                                                          ; LOCAL VARIABLES

   : DIM C$(16)64,F7$2,F9$8,N$(2)124,A$(300)5,Z$(300)5
   : DIM K$1,A(36,6),C1$(1)30,I$(3)
0070 LOAD T#0,"COMKFAM5"8000,BEG80

0080 REM                                                  ; INITIALIZE SCREEN DISPLAY
   :  SELECT CO 005(80)
   : SELECT PRINT 005(80)
   : PRINT HEX(03)
   : PRINT AT(12,0);"VERIFYING UICS ALL ENTERED FOR CURRENT MONTH....."
   : M=1
   : M1=1
   : I$(1)="#######"
   : I$(2)="#########"
   : I$(3)="###########"
0090 REM                                                  ; CLOSE KFAM FILES IF OPEN
   : GOSUB '239(1)
   : GOSUB '239(2)
   : CONVERT F8 TO F7$,(##)
   : F9$="MLSVF10" & STR(F7$,2,1)
   : CONVERT STR(D$,1,2) TO Y
   : L=Y*3-2
0100 REM                                          ; OPEN ACTIVITY AND MILSERV FILE
   : S2=1
   : GOSUB '230(1,5,6,1,F9$,9,P$,A0$,A0$)
   : IF Q$<>" " THEN STOP "MILSERV FILE OPEN ERROR"
   : GOSUB '230(2,1,2,1,"ACTVF101",9,P$,A0$,A0$)
   : IF G$<>" " THEN STOP "ACTIVITY FILE OPEN ERROR"
0110 REM                                                  ; FIND FIRST UIC IN FILE
   : GOSUB '235(2,0)
   :  IF Q$<>" " THEN STOP "FIND FIRST ERROR"
0120 DATA LOAD DC #2, N$()
   : E=Q
   : GOSUB '232(1,0,STR(N$(E),16,5))
   : IF Q$=" " THEN 140
   : IF Q$="N" THEN 130
   : STOP "ERROR IN FINDOLD "#
0130 REM                                                  ; STORE UIC IN ARRAY
   : A$(M)=STR(N$(E),16,5)
   : M=M+1
   : GOTO 160

0140 REM                                                  ; CHECK FOR ZERO UIC DATA
   : GOSUB '38
   : FOR J2=1 TO 3
   : FOR J1=1 TO 6
```

```
   : IF A(L+J2-1,J1)<>0 THEN 150
   : NEXT J1,J2
   : REM                                                    ; STORE UIC IN ARRAY
   : Z$(M1)=STR(N$(E),16,5)
   : M1=M1+1
   : GOTO 160

0150 J2=3
   : J1=6
   : NEXT J1,J2
0160 REM                                                    ; FIND NEXT UIC IN FILE
   : GOSUB '237(2,0)
   :   IF Q$=" " THEN 120
   :   IF Q$="E" THEN 170
   :   IF Q$<>" " THEN STOP "FIND NEXT ERROR"
0170 IF M=1 AND M1=1 THEN 180
   : ELSE GOTO 190
0180 GOSUB '239(1)
   : GOSUB '239(2)
   : SELECT PRINT 005(80)
   : PRINT HEX(03);AT(10,10);"ALL UICS ENTERED FOR THE CURRENT MONTH -- PRESS AN
     Y KEY TO CONTINUE"
   : KEYIN K$
   : GOTO 210

0190 GOSUB '239(1)
   : GOSUB '239(2)
   : SELECT PRINT 215(132)
   : PRINT HEX(0C0E);
   : PRINTUSING 230
   : PRINT HEX(0A0A)
   : IF M=1 THEN 200
   : PRINT HEX(0E);
   : PRINTUSING 240
   : PRINT HEX(0A0A)
0195 REM                                                    ; PRINT UICS NOT IN ACTIVITY FILE
   : FOR J2=1 TO M-1
   : PRINTUSING "      #####";A$(J2);
   : NEXT J2
   : PRINT
   : PRINT HEX(0A0A0A0A)
0200 REM                                                    ; PRINT UICS WITH ZERO DATA
   : IF M1=1 THEN 210
   : PRINT HEX(0E);
   : PRINTUSING 250
   : PRINT HEX(0A0A)
   : FOR J2=1 TO M1-1
   : PRINTUSING "      #####";Z$(J2);
   : NEXT J2
   : PRINT
0210 LOAD DC T #0, "START"

0220  %              LIST OF UICS SUBMITTING 2182 DATA
0230  %   VERIFICATION OF UICS SUBMITTING DATA FOR CURRENT MONTH
0240  %   UICS IN ACTIVITY FILE BUT NOT ENTERED IN MILSERV FILE
0250  %          UICS WITH ZERO DATA FOR CURRENT MONTH
0270 REM %↑
```

SUBROUTINES 38/39 LOAD/UNPACK DATA

```
0280 DEFFN'38
   :  LIMITS T#6,B1,B2,B
   :   FOR K=1 TO 1024 STEP 256
   :       DATA LOAD BA T #6, (B,B) STR(C$(),K,256)
   :   NEXT K
   : GOSUB '39 (1,36,65)
   : RETURN

0290 DEFFN'39(I1,I2,I5)
   : FOR I=I1TO I2
   :         MAT COPY C$()<(I-I1)*24+I5,24>TO C1$()<1,24>
   :      FOR J=1TO 6
   :         ON J GOTO 300,310,320,300,310,320
0300           UNPACK (I$(1)) STR(C1$(1),(J-1)*4+1,3) TO A(I,J)
   :           GOTO 330

0310           IF J=2 THEN UNPACK (I$(2)) STR(C1$(1),4,4) TO A(I,J)
   :             ELSE UNPACK (I$(2)) STR(C1$(1),16,4) TO A(I,J)
   :           GOTO 330

0320           IF J=3 THEN UNPACK (I$(3)) STR(C1$(1),8,5) TO A(I,J)
   :             ELSE UNPACK (I$(3)) STR(C1$(1),20,5) TO A(I,J)
0330 NEXT J,I
   : RETURN
```

PRINTUIC VARIABLES

```
A(     - 0060 0140 0300 0310 0320
A$(    - 0060 0130 0195
AO$    - 0100
B      - 0280
B1     - 0280
B2     - 0280
C$(    - 0060 0280 0290
C1$(   - 0060 0290 0300 0310 0320
D$     - 0090
E      - 0120 0130 0140
F7$    - 0060 0090
F8     - 0090
F9$    - 0060 0090 0100
I      - 0290 0300 0310 0320 0330
I$(    - 0060 0080 0300 0310 0320
I1     - 0290
I2     - 0290
I5     - 0290
J      - 0290 0300 0310 0320 0330
J1     - 0140 0150
J2     - 0140 0150 0195 0200
K      - 0280
K$     - 0060 0180
L      - 0090 0140
M      - 0080 0130 0170 0190 0195
M1     - 0080 0140 0170 0200
N$(    - 0060 0120 0130 0140
P$     - 0100
Q      - 0120
Q$     - 0100 0110 0120 0160
S2     - 0100
Y      - 0090
Z$(    - 0060 0140 0200
```

PRINTUIC LINE NUMBER REFERENCE

```
0080  - 0070
0120  - 0160
0130  - 0120
0140  - 0120
0150  - 0140
0160  - 0130 0140
0170  - 0160
0180  - 0170
0190  - 0170
0200  - 0190
0210  - 0180 0200
0230  - 0190
0240  - 0190
0250  - 0200
0300  - 0290
0310  - 0290
0320  - 0290
0330  - 0300 0310
8000  - 0070
```

PRINTUIC SUBROUTINE REFERENCE

```
0280 DEFFN' 38
       - 0140
0290 DEFFN' 39
       - 0280
8155 DEFFN' 212
8430 DEFFN' 214
8395 DEFFN' 216
       - 8360
8355 DEFFN' 230
       - 0100
8330 DEFFN' 231
8095 DEFFN' 232
       - 0120
8260 DEFFN' 233
8255 DEFFN' 234
8100 DEFFN' 235
       - 0110
8150 DEFFN' 236
8105 DEFFN' 237
       - 0160
8400 DEFFN' 239
       - 0090 0180 0190
```

VARIABLE DEFINITIONS

Variable	Definition
A(36,6)	Numeric data array
A$(300)5	Array for UICs not in MILSERV file but in activity file
AO$3	Disk address of files
B	Current sector address of file as defined by limits
B1	Beginning sector address of file
B2	Ending sector address of file
C$(16)64	Data load array
C1$(1)30	Unpack array
D$8	Today's date
E	Storage variable for KFAM pointer
F7$2	Fiscal year
F8	Fiscal year
F9$8	MILSERV file name
I	Index variable
I$(3)	Unpack images
I1	Starting row in A( ) to begin unpack
I2	Ending row in A( ) to end unpack
I5	Starting byte in C$( ) to begin unpack
J	Index variable
J1	Index variable
J2	Index variable
K	Index variable
K$1	Key-in variable
L	Row in A( ) where current month begins

Variable	Definition
M	UIC counter
M1	UIC counter
N$(2)124	Activity file data
P$16	Password
Q	KFAM pointer
Q$1	KFAM return variable
S2	CPU number
Z$(300)5	Array of UICs with zero data for current month

Technical Memorandum 79-6

DISTRIBUTION LIST

Air Force

Headquarters, Air Training Command (XPTD) (Dr. Schufletowski)
Headquarters, Air Training Command (XPTIA, Mr. Goldman)
Air Force Human Resources Laboratory, Brooks Air Force Base
Air Force Human Resources Laboratory (Library), Lowry Air Force Base
Air Force Office of Scientific Research/AR (Dr. A. R. Fregly)
Headquarters Tactical Air Command (DOOS) Langley Air Force Base
AFMTC/XR (Capt. Englebretson) Lackland AFB

Army

Commandant, TRADOC (Technical Library)
ARI (Dr. Ralph R. Canter, 316C; Dr. Edgar Johnson; Mr. James Baker;
Dr. H. F. O'Neil, Jr.; Dr. Beatrice Farr, PERI-OK)
ARI Field Unit - Fort Leavenworth

Coast Guard

Commandant, U.S. Coast Guard Headquarters (G-P-1/62; G-RT/81)

Marine Corps

CMC (OT)
CGMCDEC (Mr. Greenup)
Director, Marine Corps Institute
CO MARCORCOMMELECSCOL (ITS) (Mr. D. E. Mueller)

Navy

OASN (R&D) (Dr. S. Koslov) (MRA&L) (Dr. B. D. Rostker)
CNO (OP-102X, M. Malehorn; OP-987P10, Dr. R. Smith; OP-987, Mr. H. Stone)
NAVCOMPT (NCD-7)
ONR (458, 455)
CNM (MAT-08T2, Mr. A. L. Rubinstein)
CNET (01; 00A; N-5 (6 copies); N-615, Bill Rayburn (15 copies)
CNAVRES (02)
COMNAVSEASYSCOM (03, 05L1C, 05L1C2)
COMNAVAIRSYSCOM (03, 340F)
CO NAVMEDRSCHDEVCOM (CAPT H. J. Connery)
CNTECHTRA (016, Dr. Kerr (5 copies))
CNATRA (Library)
COMTRALANT
COMTRALANT (Educational Advisor)

DISTRIBUTION LIST (continued)

Navy (continued)

COMTRAPAC (2 copies)
CO NAVPERSRANDCEN (Library (4 copies))
NAVPERSRANDCEN Liaison (01H)
Superintendent NAVPGSCOL (2124)
Superintendent Naval Academy Annapolis (Chairman, Behavioral Science Dept.)
CO NAVEDTRAPRODEVCEN (AH3; EAT, Dr. Smith)
CO NAVEDTRASUPPCEN NORVA
CO NAVEDTRASUPPCENPAC (5 copies)
CO NAVAEROMEDRSCHLAB (Chief Aviation Psych. Div.)
CO FLTCOMDIRSYSTRACENPAC
CO NAMTRAGRU
CISO, NTTC Corry Station
CO NAVTRAEQUIPCEN (N-424 (2 copies), N-211, N-001, N-002)
Center for Naval Analyses (2 copies)
U.S. Naval Institute (CDR Bowler)
OIC NODAC (2)
CO TRITRAFAC (2 copies)
CO NAVSUBTRACENPAC (2 copies)
CO FLEASWTRACENPAC
CO FLETRACEN SDIEGO
CISO, SSC (Dr. Flesch)
Executive Director NAVINSTPRODEVDET
CO NAVTECHTRACEN Corry Station (Cryptologic Training Department)
NETSCPAC Field Office Mare Island
Supply Schools Training Officer (Code 730), Meridian
Office of Civilian Personnel, Southern Field Division (Jim Herndon)

Other DOD

Military Assistant for Human Resources, OUSDR&E, Room 3D129, Pentagon
(CDR Paul Chatelier)
OASD (MRA&L) (LT COL Grossel)
Director, Human Resources Office, Defense Advanced Research Projects Agency
(Dr. Dexter Fletcher)
Institute for Defense Analyses (Dr. Jesse Orlansky)
COM National Cryptologic School (Code E-2)

Information Exchanges

DDC (12 copies)
DLSIE (Mr. James Dowling)
Executive Editor, Psychological Abstracts, American Psychological Association
ERIC Processing and Reference Facility, Bethesda, MD (2 copies)