DEPARTMENT OF DEFENSE

WARTIME MANPOWER PLANNING SYSTEM ADP SYSTEM USERS MANUAL

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OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE (FORCE MANAGEMENT AND PERSONNEL)

DoD 1100.19-M

THE OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE

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**FORCE MANAGEMENT
AND PERSONNEL**

1 3 MAR 1987

FOREWORD

This Manual is issued under the authority of DoD Instruction 1100.19, "Wartime Manpower Mobilization Planning Policies and Procedures," February 20, 1986. It supersedes DoD 1100.19-M, June 1983 and its purpose is to provide guidance in the operation of the "Wartime Manpower Mobilization Planning System (WARMAPS)".

This Manual applies to the Office of the Secretary of Defense (OSD), the Military Departments, the Coast Guard (by agreement), and the Defense Agencies (hereafter referred to as "DoD Components").

This Manual is effective immediately and is for use by the above DoD Components. Heads of DoD Components may issue supplementary instructions only when necessary to provide for unique requirements within their respective Components.

Send recommended changes to the Manual through channels to:

> Deputy Assistant Secretary of Defense
> (Mobilization Planning & Requirements)
> Office of the Secretary of Defense
> Washington, D.C. 20301-4000

DoD Components may obtain copies of this Manual through their own publication channels. Other Federal Agencies and the public may obtain copies from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Va 22161.

LTG V. O. Lang, USA
Deputy Assistant Secretary
Mobilization Planning & Requirements

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C1. CHAPTER 1

GENERAL INFORMATION

C1.1. PURPOSE

This Manual provides guidance to users of the Wartime Manpower Mobilization Planning System (WARMAPS) for processing wartime manpower data and should be used in conjunction with the current issue of DoD 1100.19-H.

C1.2. BACKGROUND

The system was developed by the Office of the Deputy Assistant Secretary of Defense (Mobilization Planning and Requirements) (DASD(MP&R)) and is operated at the 1st Information Systems Group (1ISG) Multiplexed Information and Computing System (MULTICS) computer terminal remote site in Room 2D279, The Pentagon. WARMAPS was developed to establish consistent DoD-approved requirements and availability objectives. The data processed by the system provide the basis for compiling, computing, comparing, presenting, and justifying wartime demand and supply for DoD manpower.

C1.3. SECURITY

Within the system: the operating programs are unclassified; the execution environment is SECRET; the security classifications of military manpower data are determined by the Military Services on a case by case basis in accordance with DoD 5200.1-R; and, the civilian manpower data are usually unclassified.

C2. CHAPTER 2

SYSTEM SUMMARY

C2.1. SYSTEM APPLICATION

C2.1.1. WARMAPS consists of a military subsystem and a civilian subsystem. Data for each subsystem are developed by the DoD Components for submission to the system.

C2.1.2. The system software provides users with the capability to perform the following functions:

C2.1.2.1. Construct a WARMAPS database from DoD Component data submissions (from magnetic tape or by direct key entry).

C2.1.2.2. Check a WARMAPS database for errors.

C2.1.2.3. Modify a WARMAPS data base to correct data values and to add or delete data records.

C2.1.2.4. Adjust manpower data values to reflect user-desired changes.

C2.1.2.5. Query a WARMAPS database.

C2.1.2.6. Generate selected output reports.

C2.1.3. All functions are performed in an interactive fashion by the user while engaged in a MULTICS terminal session.

C2.2. SYSTEM OPERATION

All system functions are controlled by the user by way of interactive sessions at a MULTICS terminal. The system can be operated using any terminal connected to the 1ISG MULTICS. The system uses the remote line printer or laser page printer located at the MULTICS site for producing hard copy reports.

C2.3. <u>SYSTEM ORGANIZATION</u>

C2.3.1. The system is menu driven. The menus and other terminal displays with appropriate responses are discussed in Appendix 5 and Appendix 8.   Appendix 1 is a set of flow charts illustrating system organization.

C2.3.1.1. Figure AP1.F1. illustrates the overall WARMAPS military manpower processing cycle.

C2.3.1.2. Figure AP1.F2. shows the relationship of the functional parts of the military Automated Data Processing (ADP) subsystem that a user controls to process military manpower data.

C2.3.1.3. Figure AP1.F3. illustrates the overall WARMAPS civilian manpower processing cycle.

C2.3.1.4. Figure AP1.F4. shows the relationship of the functional parts of the civilian ADP subsystem that a user controls to process civilian manpower data.

C2.3.1.5. Figure AP1.F5. shows the construction of the civilian manpower database.

C2.3.2. The numbers in the corners of the boxes in Figures AP1.F2. and AP1.F4. correspond to options that are displayed on the main military or civilian manpower subsystem menus.

C2.4. <u>SYSTEM PERFORMANCE</u>

Figure AP2.F1. illustrates the WARMAPS User Directories and Figure AP2.F2. shows a number of important MULTICS commands used in the operation of WARMAPS.

C2.4.1. <u>Military Manpower Subsystem</u>

C2.4.1.1. <u>Input</u>.   The system receives military manpower data from the Military Services each year during the Program Objectives Memorandum (POM) reporting period. A major update is performed on these data just before the President's Budget is finalized. The Component submissions for each year contain data for the beginning and ending year of a 5-year period (corresponding to the Five-Year Defense Program (FYDP)). The maximum file size of any Component submission is currently about 2000 records for each of the 2 years.

C2.4.1.2. <u>Output</u>. The reports displayed in Appendix 3 are produced by the system. These products are generated during the POM reporting period, as the database is being updated, and during other periods upon request.

C2.4.1.3. <u>Processing Time</u>. Typical processing times for military manpower processing functions (Appendix 5) are listed below:

C2.4.1.3.1. Loading a Component input tape into a MULTICS segment -- average run time: 1 minute.

C2.4.1.3.2. Building the military manpower data file -- average run time: 1 minute.

C2.4.1.3.3. Editing the military manpower data to detect errors -- average run time: 1 minute.

C2.4.1.3.4. Updating the military manpower file -- run time: depends on the number of records to be manipulated.

C2.4.1.3.5. Generating reports (Appendix 3) -- average run time: 3 minutes.

C2.4.1.4. <u>Error Correction</u>. The raw data submitted by the Components usually have errors or invalid data in a few of the records. These errors are displays in an error report (Appendix 4) produced during editing. They can be corrected by the user with system routines.

C2.4.2. <u>Civilian Manpower Subsystem</u>

C2.4.2.1. <u>Input</u>. The system receives current civilian manpower data from the Military Services, Joint Chiefs of Staff, and Defense Agencies every 1 or 2 years, as directed by DASD(MP&R) in conjunction with a mobilization planning review. These reviews are usually timed to precede a scheduled civilian mobilization mini-exercise or the biennial Federal mobilization exercise. To date, the maximum file size of any Component submission has been less than 165,000 records.

C2.4.2.2. <u>Output</u>. The reports displayed in Appendix 6 are produced by the system. These reports are generated during new database development, exercise reporting periods, and during other periods upon request.

C2.4.2.3. <u>Processing Time</u>. Processing times for civilian manpower processing functions (Appendix 8) are highly variable, depending upon the size of the file and the computer system load. Most operations on small files (e.g., Defense Agencies) take less than a minute. Sorting and preparing reports on the largest files (e.g., Army or Air Force) can take over an hour.

C2.4.2.4. <u>Error Correction</u>. The tapes submitted by the Components may contain errors or invalid data. These errors are displayed in the error report (Appendix 7) produced during editing. Errors can then be corrected by the user with system routines.

C2.5. <u>DATABASE</u>

C2.5.1. <u>Military Manpower Subsystem</u>

C2.5.1.1. The military manpower database consists of a single file for each Service that is used for report generation. The file contains records with the following elements:

C2.5.1.1.1. Year.

C2.5.1.1.2. Component.

C2.5.1.1.3. Table.

C2.5.1.1.4. Theater.

C2.5.1.1.5. Manpower category.

C2.5.1.1.6. Manpower type.

C2.5.1.1.7. Time-phased manpower data (demand and supply).

C2.5.1.2. These elements are explained in detail in DoD 1100.19-H, "Wartime Manpower Program Guidance."

C2.5.2. <u>Civilian Manpower Subsystem</u>

C2.5.2.1. The civilian manpower database consists of a single file for each Military Service and Defense Agency that is used for report generation. The file contains records with the following elements:

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C2.5.2.1.1. Component.

C2.5.2.1.2. Location.

C2.5.2.1.3. Theater.

C2.5.2.1.4. Region.

C2.5.2.1.5. Unit.

C2.5.2.1.6. Employment category.

C2.5.2.1.7. Occupation.

C2.5.2.1.8. Integrated Defense Occupational Stratification (IDOS).

C2.5.2.1.9. Pay plan.

C2.5.2.1.10. Grade.

C2.5.2.1.11. Time-phased manpower data (demand and supply).

C2.5.2.2. These elements are explained in detail in DoD 1100-19-H, "Wartime Manpower Program Guidance."

C2.6. INPUTS, PROCESSING, AND OUTPUTS

C2.6.1. Military Manpower Subsystem

C2.6.1.1. Inputs. DoD Components submit military manpower data either on magnetic tape or through direct key entry via MULTICS terminals. After the system generates output reports, DoD Components annotate the reports for desired changes in the manpower data. The annotated reports are then returned and appropriate changes are made to the database.

C2.6.1.2. Processing. The system performs the following functions on the data submitted by the Components:

C2.6.1.2.1. Transforms the Component input data submission into the internal file format.

C2.6.1.2.2. Edits the military manpower data file for errors and prepares it for report generation.

C2.6.1.2.3. Updates the data file (add, delete, or correct records), as needed.

C2.6.1.2.4. Generates selected reports according to user's requests.

C2.6.1.3. Outputs. The users can produce the reports shown in Appendix 3.

C2.6.2. Civilian Manpower Subsystem

C2.6.2.1. Inputs. DoD Components submit civilian manpower data either on magnetic tape, IBM PC-compatible floppy diskette or through direct key entry via MULTICS terminals. After the file is constructed, error checks are performed and output reports are generated. These reports are reviewed and annotated to assist the Component in diagnosing illogical and invalid data.

C2.6.2.2. Processing. The system performs the following functions on the data submitted by the Components.

C2.6.2.2.1. Transforms the Component input data submission into the internal file format.

C2.6.2.2.2. Checks the civilian manpower data file for errors and complies an error report.

C2.6.2.2.3. Updates the data file with the user's corrections, additions, or deletions.

C2.6.2.2.4. Creates sorted files for report generation.

C2.6.2.2.5. Generates selected reports according to users' requests.

C2.6.2.3. Outputs. The users can produce the reports shown in Appendix 6.

CHAPTER 2

C3. CHAPTER 3

STAFF PROCEDURES

C3.1. INITIATION

C3.1.1. DoD Instruction 1100.19 directs the preparation and submission of WARMAPS data in conjunction with the DoD Planning, Programming, and Budgeting System (PPBS) calendar (military manpower data) or with a scheduled mobilization exercise (civilian manpower data). The DASD(MP&R) issues specific data preparation guidance and a data submission suspense date to DoD Components before these events. The WARMAPS processing cycle is initiated upon the receipt of DoD Components' WARMAPS data. In addition, it may be initiated at the request of any Component.

C3.1.2. To use the WARMAPS software for entering data and getting WARMAPS program output, the user must obtain: access to the MULTICS site (Room 2D279, The Pentagon); a user identification and, a password. For the routine processing of WARMAPS data in conjunction with an established requirement for submission (POM/Presidents Budget/Mobilization Exercise), DASD(MP&R) will provide the appropriate project access (project designator, space, storage, programs). When a DoD Component wishes to perform unique or extraordinary WARMAPS processing, special arrangements must be made with the DASD(MP&R) WARMAPS official for the reimbursement of processing costs. In either case, the procedure for obtaining access to MULTICS is shown below:

C3.1.2.1. Provide evidence of security clearance to OASD(FM&P). While a SECRET clearance is sufficient to be granted access to all WARMAPS programs and data files, personnel with SECRET clearances are restricted in their use of the MULTICS site. One or two terminals in a supervised area are provided as available. Access to all terminals and the areas where special color graphics equipment, printers, and other support equipment are available requires a TOP SECRET clearance.

C3.1.2.2. Submit a letter to DASD(MP&R) requesting access to the MULTICS site and registration onto the WARMAPS project.

C3.1.2.3. After allowing enough time for administrative processing of the request (normally 5 working days), request that the DASD(MP&R) official make an appointment with the MULTICS site manager (Room 2D279, The Pentagon) to obtain a user identification and a password.

C3.1.2.4. After obtaining a user identification and a password, contact with the WARMAPS ADP system team must be made so that proper access may be given for using the WARMAPS software and files. Contact the WARMAPS team in Room B104, the Cafritz Building, telephone: 697-5244/5/6. In order to understand basic MULTICS operations and the procedures that are necessary for WARMAPS processing, an "Introduction to MULTICS Users Manual" will be provided for review.

C3.1.2.5. For any DoD Component-unique tests, experiments, or other data excursions, the Component must establish a new project with designator, space, storage, program, and funding.

C3.3. INPUT PROCESSING

MULTICS is a timesharing system whose normal mode of operation is inter-active. This means that all commands or programs executed by the user are processed immediately. MULTICS is designed to be easy to use for analysts with little ADP background. It features a simple command language that can be learned quickly. The file storage system on MULTICS is arranged logically into directories so that each product (such as WARMAPS) has its own directory for storing files. In addition, a unique directory is provided for each user for that project. The WARMAPS project directory arrangement is shown in Figure AP2.F1. All work on the WARMAPS project is performed in various working directories under the "WARMAPS" directory. Some of the more common MULTICS commands used in conjunction with WARMAPS processing are shown in Figure AP2.F2.

C3.3. OUTPUT GENERATION

After entering the directory and initiating the WARMAPS software, all options are controlled by the user by selecting options on various menus. Some options that are selected will execute programs that will require the user to answer a series of questions. Appendices 5 and 8 display the key menus and illustrate program questions with appropriate user responses. Sample output products are displayed in Appendices 3 and 6.

AP1. APPENDIX 1

WARMAPS: SYSTEM ORGANIZATION (FLOWCHARTS)

Figure AP1.F1.   WARMAPS: Overall Manpower Processing Cycle
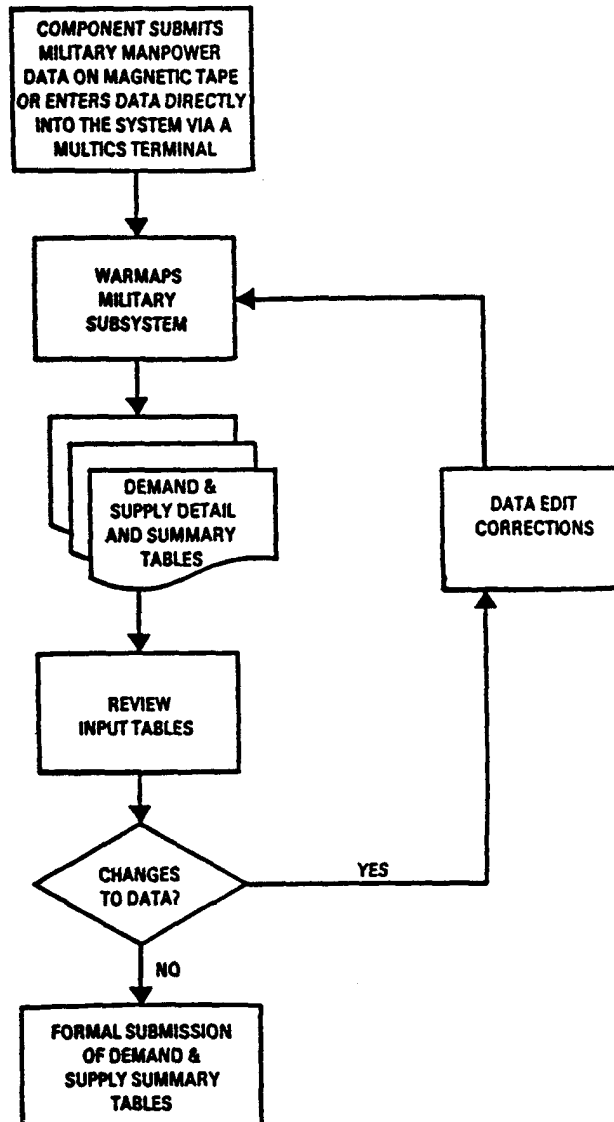
Figure AP1.F2.   WARMAPS: Military ADP Subsystem

```
┌─────────────────────┐
│   LOAD COMPONENT    │
│  INPUT TAPE INTO A  │
│   MULTICS SEGMENT   │
│     WITH VMTAPE     │
└─────────────────────┘
           │
           ▼
┌─────────────────────┐
│1\                   │
│   BUILD MILITARY    │
│   MANPOWER FILE     │
│  FROM COMPONENT     │
│ INPUT TAPE SEGMENT  │
└─────────────────────┘
           │
           ▼
┌─────────────────────┐
│2\                   │
│   MODIFY, ADD OR    │
│  DELETE RECORDS;    │
│   CREATE OR EDIT    │
│ MILITARY MANPOWER   │
│        FILE         │
└─────────────────────┘
           │
           ▼
┌─────────────────────┐
│3\                   │
│  GENERATE REPORTS   │
│                     │
└─────────────────────┘
```
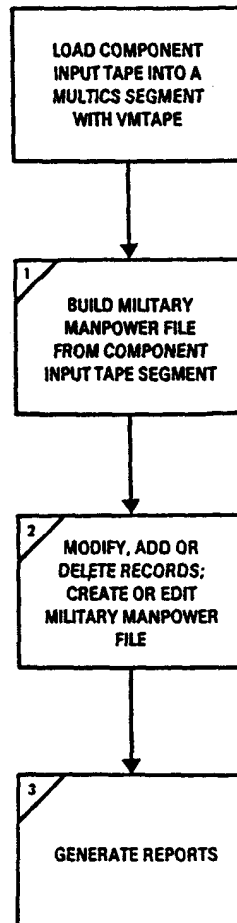
NOTES:

A. VMTAPE is a MULTICS utility program that will read a tape into a user specified MULTICS segment.

B. The numbered boxes correspond to the menu options shown in Figure E-2.

Figure AP1.F3.   WARMAPS: Overall Civilian Manpower Processing Cycle

```
        ┌──────────────────┐
        │ COMPONENT SUBMITS│
        │ DATA ON MAGNETIC │
        │TAPE, DISK, OR ENTERS│
        │DATA DIRECTLY INTO THE│
        │SYSTEM VIA A MULTICS│
        │     TERMINAL     │
        └──────────────────┘
                 │
                 ▼
        ┌──────────────┐        ┌──────────────┐
        │   WARMAPS    │◄───────│  DATA EDIT   │
        │   CIVILIAN   │        │     AND      │
        │  SUBSYSTEM   │        │ CORRECTIONS  │
        └──────────────┘        └──────────────┘
                 │                      ▲
                 ▼                      │
        ┌──────────────┐                │
        │   SUMMARY    │                │
        │    TABLES    │                │
        └──────────────┘                │
                 │                      │
                 ▼                      │
        ┌──────────────┐                │
        │  REVIEW OF   │                │
        │  TABLES BY   │                │
        │  COMPONENT   │                │
        └──────────────┘                │
                 │                      │
                 ▼                      │
           ╱CHANGES╲                    │
          ╱ TO DATA ╲─── YES ───────────┘
          ╲NECESSARY?╱
           ╲       ╱
              │ NO
              ▼
        ┌──────────────┐
        │   FORMAL     │
        │ SUBMISSION   │
        │ OF SUMMARY   │
        │   TABLES     │
        └──────────────┘
```
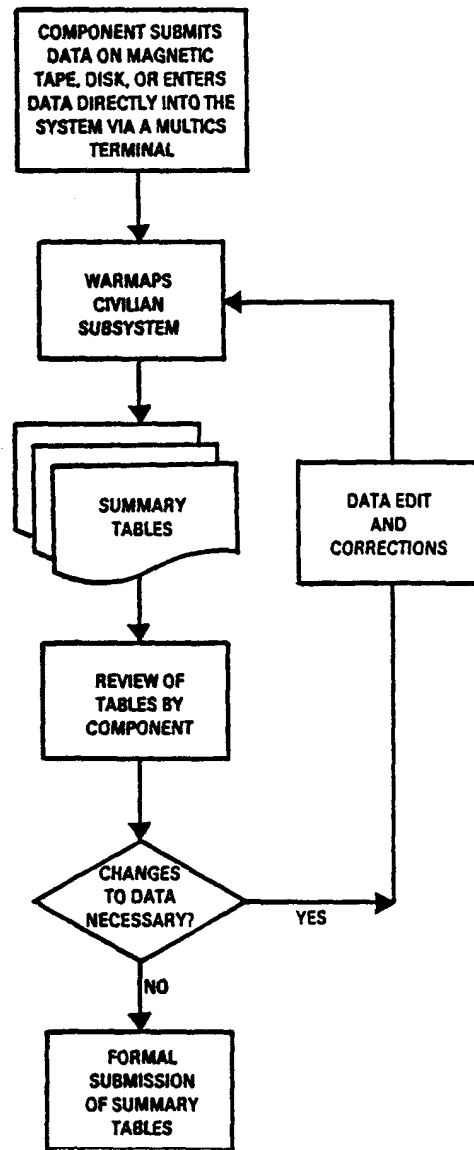
Figure AP1.F4.   WARMAPS: Civilian ADP Subsystem

```
  ┌─────────────────────┐
  │⌀  PRINT             │
  │   SUMMARY REPORT    │
  │   FROM COMPONENT    │
  │   TAPE SUBMISSION   │
  └──────────┬──────────┘
             │
             ▼
  ┌─────────────────────┐
  │1  BUILD CIVILIAN    │
  │   MANPOWER FILE     │
  │   FROM COMPONENT    │
  │   INPUT TAPE SEGMENT│
  └──────────┬──────────┘
             │
             ▼
  ┌─────────────────────┐
  │2  EDIT CIVILIAN     │
  │   MANPOWER          │
  │   FILE              │
  └──────────┬──────────┘
             │
             ▼
  ┌─────────────────────┐
  │2  CORRECT           │
  │   INVALID           │
  │   RECORDS           │
  └──────────┬──────────┘
             │
             ▼
  ┌─────────────────────┐
  │3  SORT CIVILIAN     │
  │   MANPOWER          │
  │   FILE              │
  └──────────┬──────────┘
             │
             ▼
  ┌─────────────────────┐
  │4  GENERATE          │
  │   REPORTS           │
  └─────────────────────┘
```
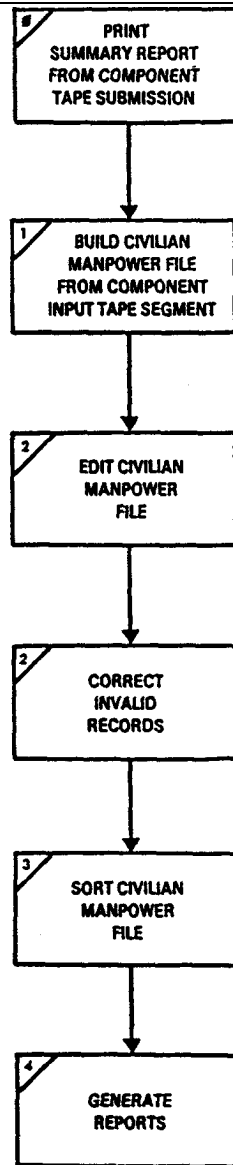
NOTE:

Numbered boxes correspond to menu items in Figure H-2

Figure AP1.F5.   WARMAPS: Civilian Manpower Database Construction

COMPONENT CIVILIAN
MANPOWER DATA
SUBMISSION

LOCATION
CODE
CROSSWALKS

REFORMAT FILE/
PERFORM
CROSSWALKS

OCCUPATION
CODE
CROSSWALKS

EDIT CIVILIAN
MANPOWER FILE

MODIFY RECORDS
CONTAINING
ERRORS

CIVILIAN
MANPOWER
FILE
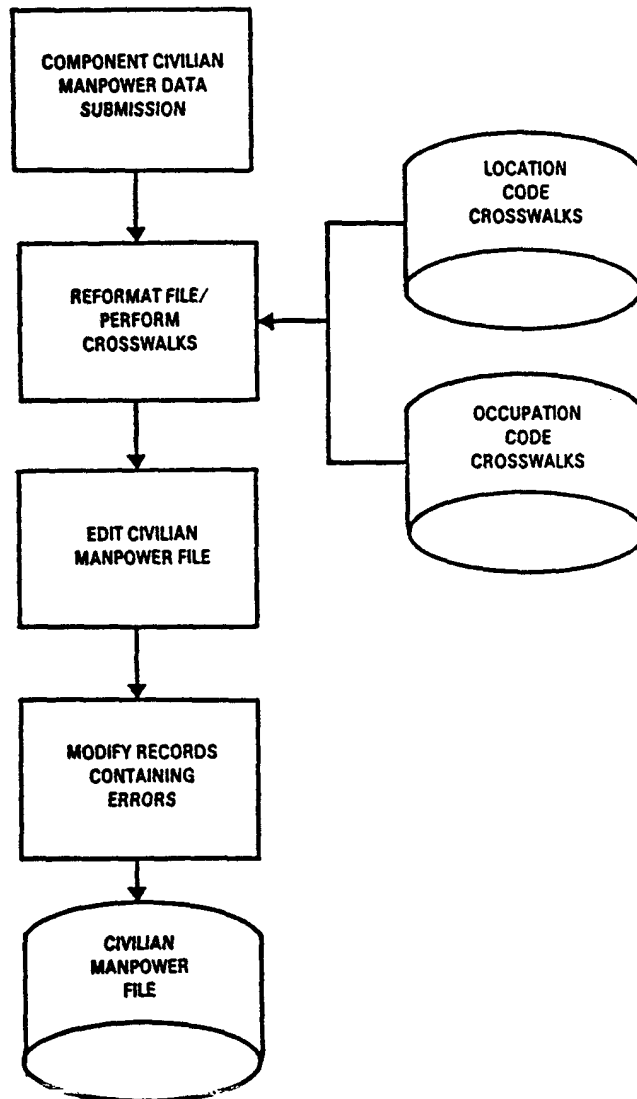
AP2. APPENDIX 2

WARMAPS: SYSTEM PERFORMANCE (MULTICS)

Figure AP2.F1.   WARMAPS: MULTICS Hierarchy of WARMAPS Directories

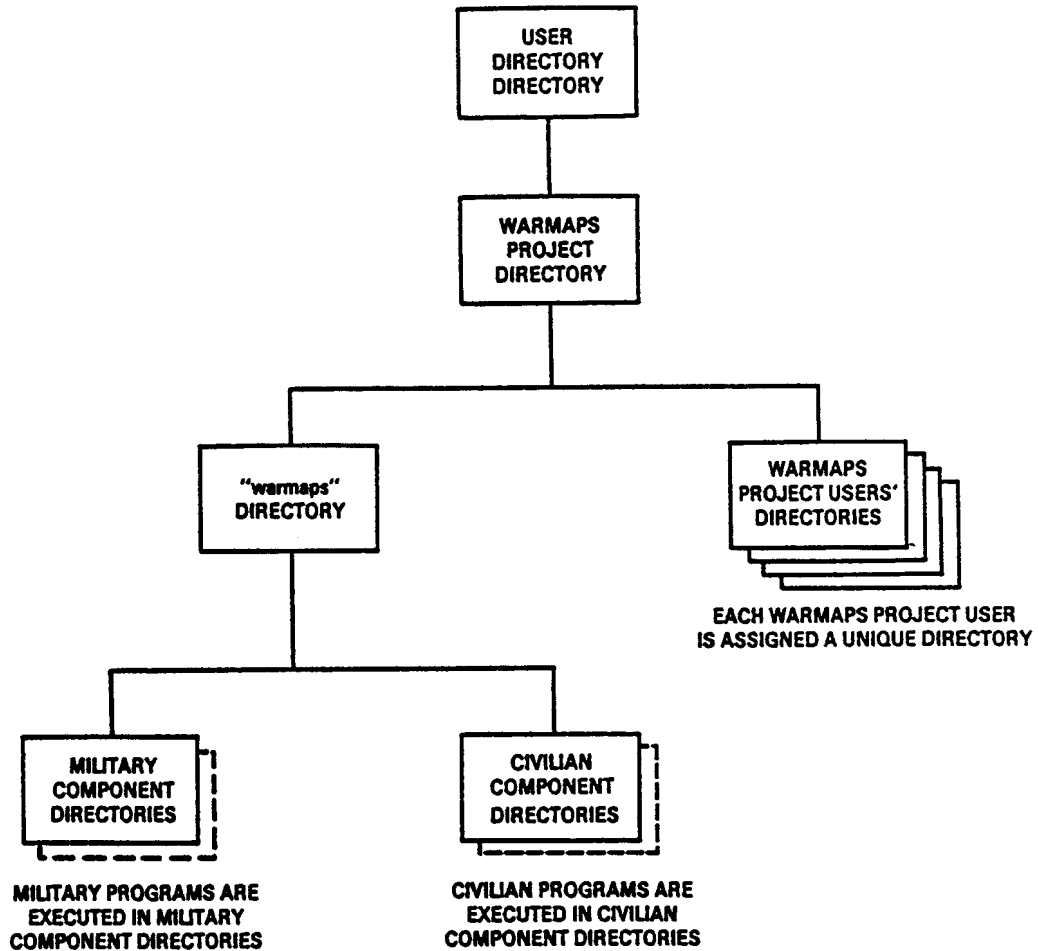USER DIRECTORY DIRECTORY

WARMAPS PROJECT DIRECTORY

"warmaps" DIRECTORY

WARMAPS PROJECT USERS' DIRECTORIES

EACH WARMAPS PROJECT USER IS ASSIGNED A UNIQUE DIRECTORY

MILITARY COMPONENT DIRECTORIES

CIVILIAN COMPONENT DIRECTORIES

MILITARY PROGRAMS ARE EXECUTED IN MILITARY COMPONENT DIRECTORIES

CIVILIAN PROGRAMS ARE EXECUTED IN CIVILIAN COMPONENT DIRECTORIES

Figure AP2.F2. MULTICS User Commands

USER DESIRED ACTION	COMMAND
1. To log into the system -	1. login user_id For instance, if your user_id were Sinkfield, you would type "login Sinkfield" and the system will prompt you for your password.
2. To get into the warmaps directory to process WARMAPS data -	2. cwd >udd>WARMAPS>warmaps
3. To list the available military manpower data bases -	3. ls**.pom
4. To list the available civilian manpower data bases -	4. ls**.civ
5. To cancel the line you are currently typing -	5. @
6. To cancel the previous character typed -	6. #
7. To execute the WARMAPS software and enter the initial menu (Figure E-1)	7. warmaps
8. To print a military report on the printer located in room 2D279. (This uses the system default to classify the report SECRET).	8. rlp -q 3 report name
9. To print a civilian report on the printer located in room 2D279. (This specifies an UNCLASSIFIED report).	9. rlp -q 3 -c u report name

AP3. APPENDIX 3

MILITARY MANPOWER SUBSYSTEM: SAMPLE REPORTS

Figure AP3.F1.   Table B - Force Structure Dynamics (Demand)

```
                            TABLE B - FORCE STRUCTURE DYNAMICS (DEMAND)
                                        SERVICE    POM 99
                                            THEATER


              --------PRE-S-DAY--------   --------S-DAY--------   --------M-DAY--------   ---------------------------------------------------------------------
              ACTIVE  GUARD  RES  IMA      ACTIVE  GUARD  RES      ACTIVE  GUARD  RES      M+10  M+20  M+30  M+40  M+50  M+60  M+90  M+120  M+150  M+180
              --------------------------   ---------------------   ---------------------   ---------------------------------------------------------------------

MANPOWER AUTHORIZED IN UNITS
Total Officers
Total Enlisted
Total Manpower

ADDITIONAL MANPOWER REQUIRED
Total Officers
Total Enlisted
Total Manpower

MANPOWER FROM INACTIVATED UNITS
Total Officers
Total Enlisted
Total Manpower

MANPOWER FROM REDUCED UNITS
Total Officers
Total Enlisted
Total Manpower

REDUCTIONS DUE TO LOST EQUIPMENT
Total Officers
Total Enlisted
Total Manpower

MILITARY REPLACED BY CIVILIANS
Total Officers
Total Enlisted
Total Manpower

CIVILIANS REPLACED BY MILITARY
Total Officers
Total Enlisted
Total Manpower
```

Figure AP3.F1.   Table B - Force Structure Dynamics (Demand) (Continued)

```
              --------PRE-S-DAY--------   --------S-DAY--------   --------M-DAY--------   ---------------------------------------------------------------------
              ACTIVE  GUARD  RES  IMA      ACTIVE  GUARD  RES      ACTIVE  GUARD  RES      M+10  M+20  M+30  M+40  M+50  M+60  M+90  M+120  M+150  M+180
              --------------------------   ---------------------   ---------------------   ---------------------------------------------------------------------

MANPOWER FOR UNMANNED UNITS
Total Officers
Total Enlisted
Total Manpower

TRANSFERS OUT OF THEATER
Total Officers
Total Enlisted
Total Manpower

FORCE STRUCTURE ALLOWANCE (CUM)
Total Officers
Total Enlisted
Total Manpower

MANPOWER MOBILIZATION INCREMENT
Total Officers
Total Enlisted
Total Manpower
```

Figure AP3.F2.   Table C - Replacement Dynamics (Demand)

	M-DAY	M+10	M+20	M+30	M+40	M+50	M+60	M+90	M+120	M+150	M+180

KCMIA
Total Officers
Total Enlisted
Total Manpower

WIA ADMISSIONS
Total Officers
Total Enlisted
Total Manpower

DNBI ADMISSIONS
Total Officers
Total Enlisted
Total Manpower

DESERTERS
Total Officers
Total Enlisted
Total Manpower

RETURNS FROM PATIENTS
Total Officers
Total Enlisted
Total Manpower

RETURNS FROM DESERTERS AND MIA'S
Total Officers
Total Enlisted
Total Manpower

PATIENTS REMAINING (non-add)
Total Officers
Total Enlisted
Total Manpower

Figure AP3.F2.   Table C - Replacement Dynamics (Demand) (Continued)

	M-DAY	M+10	M+20	M+30	M+40	M+50	M+60	M+90	M+120	M+150	M+180

PATIENTS EVACUATED (non-add)
Total Officers
Total Enlisted
Total Manpower

DIED OF WOUNDS (non-add)
Total Officers
Total Enlisted
Total Manpower

MEDICAL DISCHARGES (non-add)
Total Officers
Total Enlisted
Total Manpower

REPLACEMENT DEMAND
Total Officers
Total Enlisted
Total Manpower

REPLACEMENT DEMAND (adjusted for transient time)
Total Officers
Total Enlisted
Total Manpower

Figure AP3.F3.   Table H - Structure Strengths (Supply)

	PRE-S-DAY				S-DAY				M-DAY			M+10	M+20	M+30	M+40	M+50	M+60	M+90	M+120	M+150	M+180
	ACTIVE	GUARD	RES	IMA	ACTIVE	GUARD	RES	IMA	ACTIVE	GUARD	RES										

FORCE STRUCTURE ALLOWANCE - ACTIVE
Total Officers
Total Enlisted
Total Manpower

FORCE STRUCTURE DEVIATION - ACTIVE
Total Officers
Total Enlisted
Total Manpower

MANPOWER TO BE TRAINED
Total Officers
Total Enlisted
Total Manpower

FORCE STRUCTURE ALLOWANCE - SELECTED RESERVE
Total Officers
Total Enlisted
Total Manpower

FORCE STRUCTURE DEVIATION - SELECTED RESERVE
Total Officers
Total Enlisted
Total Manpower

200K CALL UP
Total Officers
Total Enlisted
Total Manpower

PARTIAL MOBILIZATION CALL UP
Total Officers
Total Enlisted
Total Manpower

Figure AP3.F3.   Table H - Structure Strengths (Supply) (Continued)

	PRE-S-DAY				S-DAY				M-DAY											
	ACTIVE	GUARD	RES	IMA	ACTIVE	GUARD	RES	IMA	ACTIVE	GUARD	RES	M+10	M+20	M+30	M+40	M+50	M+60	M+90	M+120	M+150	M+180

TRAINEES
Total Officers
Total Enlisted
Total Manpower

NO-SHOWS
Total Officers
Total Enlisted
Total Manpower

TRAINED (NON-UNIT) INDIVIDUALS
Total Officers
Total Enlisted
Total Manpower

FORCE STRUCTURE STRENGTH - ACTIVE
Total Officers
Total Enlisted
Total Manpower

FORCE STRUCTURE STRENGTH - SELECTED RESERVE
Total Officers
Total Enlisted
Total Manpower

TRAINED (NON-UNIT) INDIVIDUALS (CUM)
Total Officers
Total Enlisted
Total Manpower

Figure AP3.F4.   Table J - Training Dynamics (Supply)

	PRE-S-DAY			M-DAY											
	ACTIVE	GUARD	RES	ACTIVE	M+10	M+20	M+30	M+40	M+50	M+60	M+90	M+120	M+150	M+180

TRAINEES AT STALL
Total Officers
Total Enlisted
Total Manpower

NON PRIOR SERVICE (NPS) ACCESSIONS
Total Officers
Total Enlisted
Total Manpower

NON PRIOR SERVICE (NPS) ACCESSIONS SELECTED RESERVE
Total Officers
Total Enlisted
Total Manpower

CURRENT SERVICE (CS) ACCESSIONS
Total Officers
Total Enlisted
Total Manpower

PRIOR SERVICE ACCESSIONS - (ING)
Total Officers
Total Enlisted
Total Manpower

PRIOR SERVICE ACCESSIONS - (IRR)
Total Officers
Total Enlisted
Total Manpower

PRIOR SERVICE ACCESSIONS - (ETD)
Total Officers
Total Enlisted
Total Manpower

Figure AP3.F4.   Table J - Training Dynamics (Supply) (Continued)

====PRE-S-DAY====			====M-DAY====	M+10	M+20	M+30	M+40	M+50	M+60	M+90	M+120	M+150	M+180
ACTIVE	GUARD	RES	ACTIVE										

PRIOR SERVICE ACCESSIONS - (SBR)
Total Officers
Total Enlisted
Total Manpower

PRIOR SERVICE ACCESSIONS - (VOL)
Total Officers
Total Enlisted
Total Manpower

TRAINEE ATTRITION
Total Officers
Total Enlisted
Total Manpower

TRAINING OUTPUT (NPS)
Total Officers
Total Enlisted
Total Manpower

TRAINING OUTPUT (CS)
Total Officers
Total Enlisted
Total Manpower

TRAINING OUTPUT (ING)
Total Officers
Total Enlisted
Total Manpower

TRAINING OUTPUT (IRR)
Total Officers
Total Enlisted
Total Manpower

Figure AP3.F4.   Table J - Training Dynamics (Supply) (Continued)

====PRE-S-DAY====			====M-DAY====	M+10	M+20	M+30	M+40	M+50	M+60	M+90	M+120	M+150	M+180
ACTIVE	GUARD	RES	ACTIVE										

TRAINING OUTPUT (RTD)
Total Officers
Total Enlisted
Total Manpower

TRAINING OUTPUT (SBR)
Total Officers
Total Enlisted
Total Manpower

TRAINING OUTPUT (VOL)
Total Officers
Total Enlisted
Total Manpower

TRAINEES AT END
Total Officers
Total Enlisted
Total Manpower

TRAINEES INCREMENTAL CHANGE
Total Officers
Total Enlisted
Total Manpower

Figure AP3.F5.   Table K - Pretrained Individuals (Supply)

| | ==PRE-S-DAY== | | ===S-DAY=== | | ===M-DAY=== | | M+10 | M+20 | M+30 | M+40 | M+50 | M+60 | M+90 | M+120 | M+150 | M+180 |
| | GUARD | RES | GUARD | RES | GUARD | RES | | | | | | | | | | |

INACTIVE NATIONAL GUARD (ING)
Total Officers
Total Enlisted
Total Manpower

INDIVIDUAL READY RESERVE (IRR)
Total Officers
Total Enlisted
Total Manpower

RETIRED PERSONNEL
Total Officers
Total Enlisted
Total Manpower

STANDBY RESERVE
Total Officers
Total Enlisted
Total Manpower

VOLUNTEER VETERANS
Total Officers
Total Enlisted
Total Manpower

PRETRAINED INDIVIDUAL SUPPLY
Total Officers
Total Enlisted
Total Manpower

Figure AP3.F6.   Table S1 - Manpower Demand

PRE-S	S-DAY	M-DAY	M+10	M+20	M+30	M+40	M+50	M+60	M+90	M+120	M+150	M+180

FORCE STRUCTURE ALLOWANCE
 Active
 Guard
 Reserve
 IMA
   THEATER
     Europe
     Northeast Asia
     Southwest Asia
   NON-THEATER
     U.S.
       Active
       Guard
       Reserve
       IMA
     U.S. DEPLOYING
       Active
       Guard
       Reserve
       IMA
     U.S. NON-DEPLOYING
       Active
       Guard
       Reserve
       IMA
     ROW
       Active
       Guard
       Reserve
       IMA

Figure AP3.F6.   Table S1 - Manpower Demand (Continued)

	PRE-S	S-DAY	M-DAY	M+10	M+20	M+30	M+40	M+50	M+60	M+90	M+120	M+150	M+180

REPLACEMENT DEMAND
 THEATRE (adj)
 THEATRE
   GROSS CASUALTIES
   GROSS RETURNS
      Europe (adj)
      Europe
         Gross Casualties
         Gross Returns
      Northeast Asia (adj)
      Northeast Asia
         Gross Casualties
         Gross Returns
      Southwest Asia (adj)
      Southwest Asia
         Gross Casualties
         Gross Returns

NON-THEATRE
      U. S.
         Gross Casualties
         Gross Returns
      RLI
         Gross Casualties
         Gross Returns

FORCE STRUCTURE DEMAND

TRAINEE (non-unit) INDIVIDUALS
   Transients, Holdees, Students
   Patients

TRAINEE MANPOWER DEMAND

TRAINEES
   Active
   Guard
   Reserve

TOTAL MANPOWER DEMAND

Figure AP3.F7.   Table S2 - Manpower Supply

	PRE-Z S-DAY M-DAY	M+10	M+20	M+30	M+40	M+50	M+60	M+90	M+120	M+150	M+180

FORCE STUDCTURE DEMAND

FORCE STUDCTURE YIELD
 Active
 Guard
 Reserve
 IMA

TRAINING INPUT (CS)

TRAINING OUTPUT

PRETRAINED INDIVIDUALS
 Inactive National Guard
 Individual Ready Reserve
 Retired Personnel
 Standby Reserve
 Volunteer Veteran

TRS RETURNS

FORCE STUDCTURE SUPPLY

FORCE STUDCTURE OVER/SHORT

TRAINED MANPOWER DEMAND
 Force Structure Supply
 Trained (non-unit) Individuals

TRAINED MANPOWER SUPPLY

TRAINED MANPOWER OVER/SHORT

TOTAL MANPOWER DEMAND
 Trained Manpower Supply
 Trainees

TOTAL MANPOWER SUPPLY

TOTAL MANPOWER OVER/SHORT

Figure AP3.F8.   Table S3 - Manpower Supply

```
==================      ==========================================================
PRE-S  S-DAY  M-DAY     M+10  M+20  M+30  M+40  M+50  M+60  M+90  M+120  M+150  M+180
==================      ==========================================================
```

```
FORCE STRUCTURE DEMAND
 Active
 Guard
 Reserve
 IMA

THEATER
    Europe
    Northeast Asia
    Southwest Asia

NON-THEATER
    U.S.
    ROW

FORCE STRUCTURE DEMAND

FORCE STRUCTURE FIELD
 Active
 Guard
 Reserve
 IMA

LOSSES

 CASUALTIES
    THEATER (adj)
        Europe (adj)
        Northeast Asia (adj)
        Southwest Asia (adj)
    NON-THEATER
        U.S.
        ROW

TO TRAINING

TO THS
```

Figure AP3.F8.   Table S3 - Manpower Supply (Continued)

	PRE-S	S-DAY	M-DAY	M+10	M+20	M+30	M+40	M+50	M+60	M+90	M+120	M+150	M+180

GAINS

 FROM PATIENTS

 FROM TRAINING

 FROM TRS

 PRETRAINED INDIVIDUALS
   Inactive National Guard
   Individual Ready Reserve
   Retired Personnel
   Standby Reserve
   Volunteer Veteran

FORCE STRUCTURE SUPPLY

FORCE STRUCTURE OVER/SHORT

TRAINED MANPOWER DEMAND

TRAINED MANPOWER SUPPLY
 Force Structure Supply
 Trained (non-unit) Individuals

TRAINED MANPOWER OVER/SHORT

TOTAL MANPOWER DEMAND

TOTAL MANPOWER SUPPLY
 Trained Manpover Supply
 Trainees

TOTAL MANPOWER OVER/SHORT

AP4. APPENDIX 4

MILITARY MANPOWER SUBSYTEM: ERROR REPORT

Figure AP4.F1.   Military Manpower Planning Subsystem Error Report

```
NUMBER  IDENTIFICATION ATTRIBUTES                    ERROR DESCRIPTION                                        ERRONEOUS VALUE
......  ........................                    ...................................................      ...............
    2   Year        =    "38" | Table    = "3"
        Component   =    "N"  | Theater  = "D"
        Spec        =    "2"  | Category = "01"
                              | Type     = "E  "
                                                     Invalid Year                                               "38"
......  ...........................................  .....................................................    ...............
    7   Year        =    "86" | Table    = "3"
        Component   =    "J"  | Theater  = "E"
        Spec        =    "2"  | Category = "02"
                              | Type     = "O "
                                                     Invalid Component                                          "J"
......  ...........................................  .....................................................    ...............
   24   Year        =    "88" | Table    = "3"
        Component   =    "N"  | Theater  = "R"
        Spec        =    "2"  | Category = "01"
                              | Type     = "Y "
                                                     Invalid Manpower Type                                      "Y"
......  ...........................................  .....................................................    ...............
   56   Year        =    "88" | Table    = "Q"
        Component   =    "N"  | Theater  = "K"
        Spec        =    "2"  | Category = "10"
                              | Type     = "E "
                                                     Invalid Table                                              "Q"
......  ...........................................  .....................................................    ...............
   72   Year        =    "88" | Table    = "C"
        Component   =    "D"  | Theater  = "3"
        Spec        =    "2"  | Category = "03"
                              | Type     = "E "
                                                     Invalid Component                                          "D"
......  ...........................................  .....................................................    ...............
   77   Year        =    "87" | Table    = "C"
        Component   =    "N"  | Theater  = "3"
        Spec        =    "2"  | Category = "10"
                              | Type     = "O "
                                                     Invalid Year                                               "87"
......  ...........................................  .....................................................    ...............
```

AP5. APPENDIX 5

MILITARY MANPOWER SUBSYSTEM: TERMINAL DISPLAYS
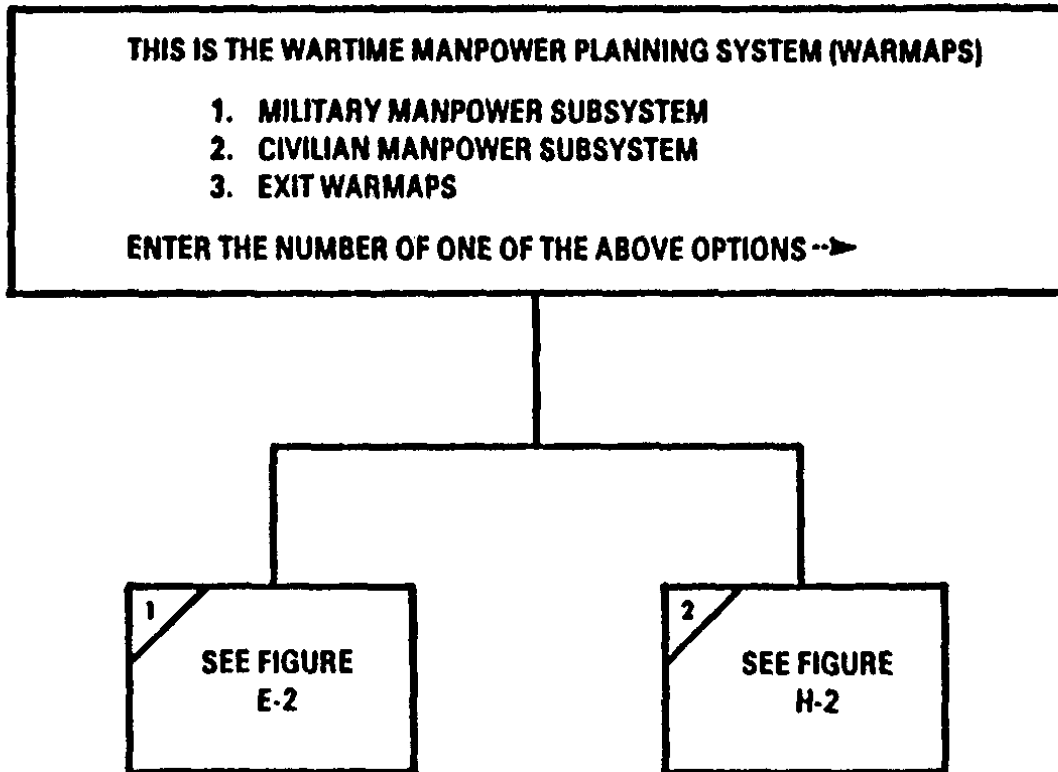
Figure AP5.F1.   Wartime Manpower Planning System (WARMAPS)

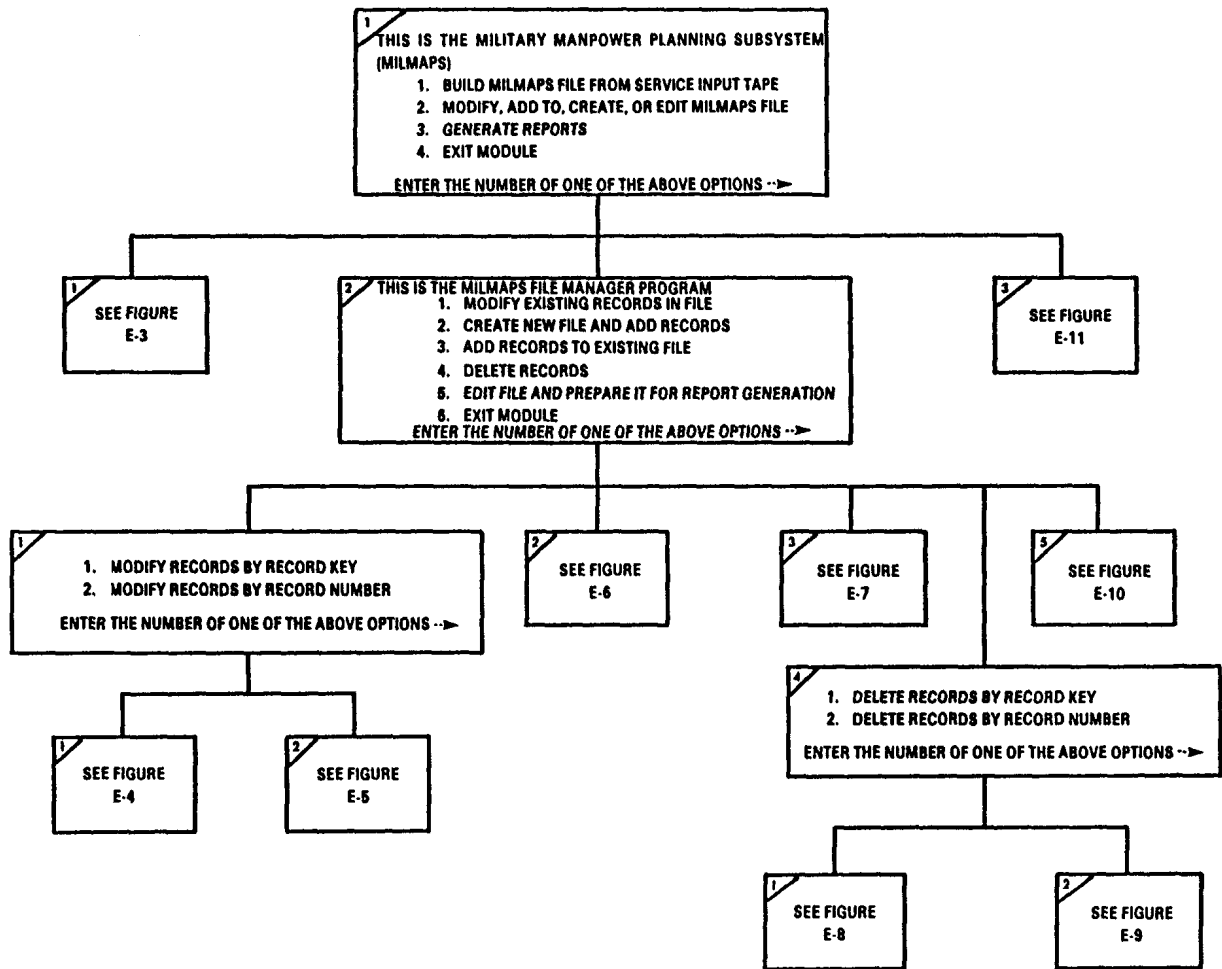Figure AP5.F2. Military Manpower Planning Subsystem

Figure AP5.F3.   Build MILMAPS File

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION
This is the MILMAPS File Building Program	
1. Enter name of input file -	1. Enter file name.
2. Enter name of MILMAPS file to be created -	2. Self-explanatory.
	After the MILMAPS file has been built, the number of record read into the file will be displayed.

Figure AP5.F4.   Modify MILMAPS Records by Record Key

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION
This is the MILMAPS Modify Records Program	
1. Do you want the records to be displayed on the screen before you modify them?	1. "y" (yes) or "n" (no) New users should always respond "y" to question 1 so they may learn the abbreviations. See #8 below.
2. Year--	2. Enter last two digits of year or "next" for next record or "q" (quit) to exit module.
3. Component--	3. Enter "a" for Army, "n" for Navy, "m" for Marines, "f" for Air Force, or "g" for Coast Guard.
4. Table--	4. Enter letter of table as defined in DoD 1100.19-H.
5. Theater--	5. Enter one-character code for theater. These codes are defined in DoD 1100.19-H.
6. Manpower category--	6. Enter numeric code for manpower category. These codes are defined in DoD 1100.19-H.
7. Manpower type--	7. Enter alphanumeric code for manpower type. These codes are defined in DoD 1100.19-H. At this time, if question 1 was answered "y" (yes), the complete record is displayed.
8. Enter names(s) of field(s) that you wish to modify (separated by commas)--	8. Enter field name(s). The MILMAN modify records program uses the abbreviated field names that appear in the record displays shown on the terminal and in Figure E-12. At this time, you will be prompted to input each field modification.

Figure AP5.F5.   Modify MILMAPS Records by Record Number

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION

This is the MILMAPS Modify Records Program

1. Do you want the records to be displayed on the screen before you modify them?

    1. "y" (yes) or "n" (no)

2. Enter record number, or Ø to quit.

    2. Self-explanatory.

       At this time, if question 1 was answered "y" (yes), the complete record is displayed.

3. Enter name(s) of field(s) that you wish to modify.

    3. Enter field name(s). Abbreviated field names are used. Enter "y" (yes) in response 1 to learn field name abbreviations or see Figure E-12.

       At this time, you will be prompted to input each field modification.

Figure AP5.F6.   Create MILMAPS File

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION

This is the MILMAPS File Creation Program

1. Enter name of new file--

    1. Enter a file name. MILMAPS files should always be provided with a name that ends in ".pom".

       At this time, the number of records already on this file is displayed. There should be Ø records on this new file, otherwise, you will be adding to an existing file.

2. Enter year, or "quit"--

    2. Enter last two digits of year or "q" (quit) to exit module.

3. Enter component--

    3. Enter "a" for Army, "n" for Navy, "f" for Air Force, "m" for Marines, or "g" for Coast Guard.

4. Enter table--

    4. Enter character code for table. These codes are defined in DoD 1100.19-H.

5. Enter theater--

    5. Enter character code for theater. These codes are defined in DoD 1100.19-H.

6. Enter mpwr category--

    6. Enter numeric code for manpower category. These codes are defined in DoD 1100.19-H.

7. Enter mpwr type--

    7. Enter alphanumeric code for manpower type. These codes are defined in DoD 1100.19-H.

Figure AP5.F6.   Create MILMAPS File (Continued)

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION

This is the MILMAPS File Creation Program

```
 8. Enter pr(.-a-act--                    8.-28. Enter time-phased data without the  decimal
 9. Enter pr(-a-grd--                            point.  Enter Ø if no data are given.
10. Enter pr(.-a-res--
11. Enter pr(.-a-ima--
12. Enter s-act      --
13. Enter s-grd      --
14. Enter s-res      --
15. Enter s-ima      --
16. Enter m-act      --
17. Enter m-grd      --
18. Enter m-res      --
19. Enter m+10      --
20. Enter m+20      --
21. Enter m+30      --
22. Enter m+40      --
23. Enter m+50      --
24. Enter m+60      --
25. Enter m+)0      --
26. Enter m+(20      --
27. Enter m+(50      --
28. Enter m+(80      --
```

Figure AP5.F7.   Add MILMAPS Records

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION

This is the MILMAPS Add Records Program

1. Enter name of file--

2. Enter year--

3. Enter component--

4. Enter table--

5. Enter theater--

6. Enter mpwr category--

7. Enter mpwr type--

1. Enter file name.

   At this time, the number of records already in this file is displayed.

2. Enter last two digits of year or "q" (quit) to exit module.

3. Enter "a" for Army, "n" for Navy, "f" for Air Force, "m" for Marines, or "g" for Coast Guard.

4. Enter character code for table. These codes are defined in DoD 1100.19-H.

5. Enter character code for theater. These codes are defined in DoD 1100.19-H.

6. Enter numeric code for manpower category. These codes are defined in DoD 1100.19-H.

7. Enter alphanumeric code for manpower type. These codes are defined in DoD 1100.19-H.

Figure AP5.F7.   Add MILMAPS Records (Continued)

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION

This is the MILMAPS Add Records Program

8. Enter pre-s-act--	8.-28. Enter time-phased data without the decimal
9. Enter pre-s-grd--	point. Enter Ø if no data are given.
10. Enter pre-s-res--	
11. Enter pre-s-ima--	
12. Enter s-act --	
13. Enter s-grd --	
14. Enter s-res --	
15. Enter s-ima --	
16. Enter m-act --	
17. Enter m-grd --	
18. Enter m-res --	
19. Enter m+10 --	
20. Enter m+20 --	
21. Enter m+30 --	
22. Enter m+40 --	
23. Enter m+50 --	
24. Enter m+60 --	
25. Enter m+90 --	
26. Enter m+120 --	
27. Enter m+150 --	
28. Enter m+180 --	

Figure AP5.F8.   Delete MILMAPS Records by Record Key

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION

This is the MILMAPS Deletion Program

1. Do you want the records to be displayed on the screen before you delete them?	1. "y" (yes) or "n" (no)
2. Enter year--	2. Enter last two digits of year or "next" for next record or "q" (quit) to exit module.
3. Enter component--	3. Enter "a" for Army, "n" for Navy, "f" for Air Force, "m" for Marines, or "g" for Coast Guard.
4. Enter table--	4. Enter character code for table. These codes are defined in DoD 1100.19-H.
5. Enter theater--	5. Enter character code for theater. These codes are defined in DoD 1100.19-H.
6. Enter mpwr category--	6. Enter numeric code for manpower category. These codes are defined in DoD 1100.19-H.
7. Enter mpwr type--	7. Enter alphanumeric code for manpower type. These codes are defined in DoD 1100.19-H.
	At this time, if question 1 was answered "y" (yes), the complete record is displayed.
8. Do you still wish to delete this record?	8. "y" (yes) or "n" (no)

Figure AP5.F9.   Delete MILMAPS Records by Record Number

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION
This is the MILMAPS Deletion Program	
1. Do you want the records to be displayed on the screen before you delete them?	1. "y" (yes) or "n" (no)
2. Enter record number or Ø to quit--	2. Self-explanatory.
3. Do you still wish to delete this record?	3. "y" (yes) or "n" (no)

Figure AP5.F10.   Edit MILMAPS Files

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION
This is the MILMAPS File Edit Program	
1. Enter name of file--	1. Enter file name.
	At this time, the number of records in error will be displayed. If no records are in error, the file is ready for report generation. If there are records in error, the error report may be printed in Room 2D279 by typing:
	rlp -c u milmaps_error_report
	("rlp" means release for print; "-c u" means classification level is unclassified)
2. Depress any key after viewing screen--	2. Self-explanatory.

Figure AP5.F11.   MILMAPS Reports Generator

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION
This is the MILMAPS Report Generator.	
1. Enter name of file that reports are to be produced from--	1. Enter file name.
2. Please enter component code--	2. Enter "a" for Army, "n" for Navy, "f" for Air Force, "m" for Marines or "g" for Coast Guard.
3. Please enter desired year (on years, separated by a comma)--	3. Enter the last two digits of the year or years desired.
4. Please enter desired table codes (separated by commas) or "all"--	4. Type in the letter or letters of tables desired, or "all" for all tables. If "all" is not chosen, then questions 5 and 6 will not appear.
5. Do you want the S1 and S2 summary tables included in this report (y/n)?	5. "y" or "n".
6. Do you want the S3 summary table included in this report (y/n)?	6. "y" or "n".
7. Do you want internal consistency checks to be processed during this run (y/n)?	7. "y" or "n". If "y", consistency checks will be performed and error messages will be saved in a segment.
8. Do you want the report(s) printed in room 2D279 (y/n)?	8. "y" or "n". In either case an output segment is created. If "y", the report(s) are queued to the printer and can be picked up in about 15 min.
9. How many copies would you like printed?	9. Enter number of copies you desire to be printed in room 2D279?

Figure AP5.F11.   MILMAPS Reports Generator (Continued)

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION
	Limit: 3
	There will be a pause while each report is generated. If printed copies were requested, printer queue information will be displayed.
10. Depress any key after viewing--	10. Self-explanatory.

APPENDIX 5

Figure AP5.F12.   Military WARMAPS Field Name Mnemonics

MNEUMONIC	FIELD NAME
year	Year
component	Component
spec	Demand/Requirement Specification
table	Table - Supply and Demand/Requirement Categories
theater	Theater
category	Manpower Category
type	Manpower Type
pre-s-act	Pre-S-Day - Active
pre-s-grd	Pre-S-Day - Guard
pre-s-res	Pre-S-Day - Reserve
pre-s-ima	Pre-S-Day - IMA
s-act	S-Day - Active
s-grd	S-Day - Guard
s-res	S-Day - Reserve
s-ima	S-Day - IMA
m-act	M-Day - Active
m-grd	M-Day - Guard
m-res	M-Day - Reserve
m+10	M+10
m+20	M+20
m+30	M+30
o	o
o	o
o	o
m+180	M+180

AP6. APPENDIX 6

CIVILIAN MANPOWER SUBSYSTEM: SAMPLE REPORTS

Figure AP6.F1. Table C1 - Wartime Civilian Manpower Demand and Supply

	PRE-M DAY	M-DAY	M+30	M+60	M+90	M+120	M+150	M+180
CIVILIAN MANPOWER DEMAND								
POSITIONS AUTHORIZED	536							
POSITIONS CREATED		52						
POSITIONS TERMINATED/LAPSED		163						
TOTAL DEMAND		425	425	425	425	425	425	425
CIVILIAN MANPOWER SUPPLY								
ON HAND STRENGTH	561							
RESERVISTS/RETIREES RECALLED								
TRANSFER GAINS			5					
TRANSFER LOSSES		15	133					
TOTAL SUPPLY		546	418	418	418	418	418	418
CIVILIAN MANPOWER OVER/SHORT (-)		121	-7	-7	-7	-7	-7	-7
NEW SOURCES OF SUPPLY								
MANPOWER TO CONVERT		15	128	128	128	128	128	128
MANPOWER TO REASSIGN								
MANPOWER TO UTILIZE (PT/I&T)	1	1	1	1	1	1	1	1
PRE-RECRUITED MANPOWER								
MILITARY MANPOWER (TEMPORARY)								
CONTRACTOR MANPOWER								
WARTIME NEW HIRES REQD (-) OR SURPLUS		137	122	122	122	122	122	122

Figure AP6.F2.   Table C2 - Wartime Civilian Manpower Demand and Supply by Occupation

OCCUPATION		DEMAND	SUPPLY	OVER/SHORT(-)
0006	CORRECTIONAL INSTITUTION ADMINISTRATION	2	2	
0301	MISCELLANEOUS ADMINISTRATION & PROGRAM	3	3	
0350	EQUIPMENT OPERATOR	5	5	
0610	NURSE	3	3	
1601	GENERAL FACILITIES & EQUIPMENT	6	6	
2501	MISC WIRE COMO EQUIP INSTALL/MAINTAIN	2	2	
2601	MISC ELECT EQUIP INSTALL/MAINTAIN	1	1	
2604	ELECTRONICS MECHANIC	2	2	
2854	ELECTRICAL EQUIPMENT REPAIRING	1	1	
3105	FABRIC WORKING	5	5	
3359	INSTRUMENT MECHANIC	3	3	
3401	MISC MACHINE TOOL WORK	5	5	
3701	MISC METAL PROCESSING	4	3	-1
5003	GARDENING	3	3	
5048	ANIMAL CARETAKING	11	11	
5201	MISC OCCUPATIONS	1	1	
5407	ELECTRIC POWER CONTROLLING	50	50	
5409	WATER TREATMENT PLANT OPERATING	1	1	
5413	FUEL DISTRIBUTION SYS OPERATING	11	10	-1
5419	STATIONARY ENGINE OPERATING	4	1	-3
5701	MISC MOBILE IND EQUIP OPERATION	1	1	
5703	MOTOR VEHICLE OPERATING	168	168	
5704	FORK LIFT OPERATING	14	14	
5716	ENGINEERING EQUIPMENT OPERATING	14	14	
5725	CRANE OPERATING	2	2	
6907	WAREHOUSE WORKING	21	21	
6912	MATERIAL SORTING & CLASSIFYING	19	18	-1
6967	PERSONAL FLIGHT EQUIPMENT HANDLING	1	1	
7002	PACKING	2	1	-1
9999	OCCUPATION UNKNOWN	60	60	
	TOTALS	425	418	-7

Figure AP6.F3.   Table C2 - Wartime Civilian Manpower Demand and Supply by IDOS

IDOS		DEMAND	SUPPLY	OVER/SHORT(-)	% OF DEMAND
CM	Medical Professionals	3	3		
EY	General Managers and Administrators	11	11		
JY	General and Miscellaneous Clerks	5	5		
PA	Machinists and Metal Workers	9	8	-1	-11
PB	Electricians	3	3		
PJ	Electronic Equipment Repairmen	3	3		
PN	Precision Equipment Repair	3	3		
PZ	Miscellaneous Production Workers	5	5		
RC	Construction Equipment Operators	14	14		
RH	Vehicle Operations	169	169		
RW	Materie Handlers	70	67	-3	-4
RX	Installation Maintenance Workers	58	55	-3	-5
RZ	Miscellaneous Operators and Laborers	12	12		
WZ	Miscellaneous Personnel	60	60		
	TOTALS	425	418	-7	

Figure AP6.F4.   Table C3 - Wartime Civilian Manpower Demand and Supply by Location

LOCATION	DEMAND	SUPPLY	OVER/SHORT(-)
00 UNIDENTIFIED	4	4	
ALABAMA	4	4	
ALASKA	1	1	
CALIFORNIA	7	7	
CONNECTICUT	4	4	
DELAWARE	2	2	
FLORIDA	2	2	
HAWAII	3	3	
ILLINOIS	2	2	
MICHIGAN	2	2	
MONTANA	4	4	
NEBRASKA	2	2	
NEW JERSEY	61	59	-2
OHIO	2	2	
PENNSYLVANIA	1	1	
VIRGINIA	19	19	
WASHINGTON	55	55	
ALGERIA	1	1	
ARGENTINA	2	2	
AUSTRALIA	1	1	
BOLIVIA	2	2	
BRAZIL	4	4	
CANADA	2	2	
COLOMBIA	2	2	
HAITI	1	1	
HONG KONG	4	4	
INDIA	2	2	
ISRAEL	3	3	
IRAQ	1	1	
JAMAICA	1	1	
LEBANON	2	2	
LIBERIA	2	2	
MOROCCO	2	2	
MEXICO	3	3	
NIGER	1	1	
NIGERIA	2	2	
NEPAL	1	1	
NICARAGUA	1	1	
PARAGUAY	1	1	
PERU	2	2	
PAKISTAN	4	4	
PHILIPPINES	196	191	-5
SAUDI ARABIA	1	1	
SOUTH AFRICA	3	3	
YUGOSLAVIA	3	3	
TOTALS	425	418	-7

UNCLASSIFIED SAMPLE DATA

AP7. APPENDIX 7

CIVILIAN MANPOWER SUBSYSTEM: ERROR REPORT

Figure AP7.F1.   Civilian Manpower Planning Subsystem Error Report

REC	GEOLOC	UNIT	IDOS	OCC	PP	GRADE	EMPLOY CAT	INVALID FIELD	ERRONEOUS VALUES
1	RP2100000	FFX8J0	RZ	5048	GS	13	F	Manpower Data All Zero	0
2	RP2100000	FFX8J0	RZ	5048	HW	13	F	Pay Plan	HW
3	RP1200000	FFYPL0	RX	5407	WG	C1	F	Grade	C1
4	RP0400000	FFX8K0		0000	GS	13	F	Civil Service Occupation Code	0000
5	000000001	FFYPL0	RX	5407	WG	13	F	GSA Location Code	000000001
6	RP2100000	FFBHS0	RX	5407	GS	13	F	Authorized + Created - Terminated < 0	Demand Data
7	RP0400000	FFX8K0	RX	5407	GS	15	F	Onhand + Gains - Losses - Recalled < 0	Supply Data
8	RP1200000	FFYPL0	RX	5407	GS	15	G	Employment Category	G

8 Records in Error out of   15

AP8. APPENDIX 8

CIVILIAN MANPOWER SUBSYSTEM: TERMINAL DISPLAYS

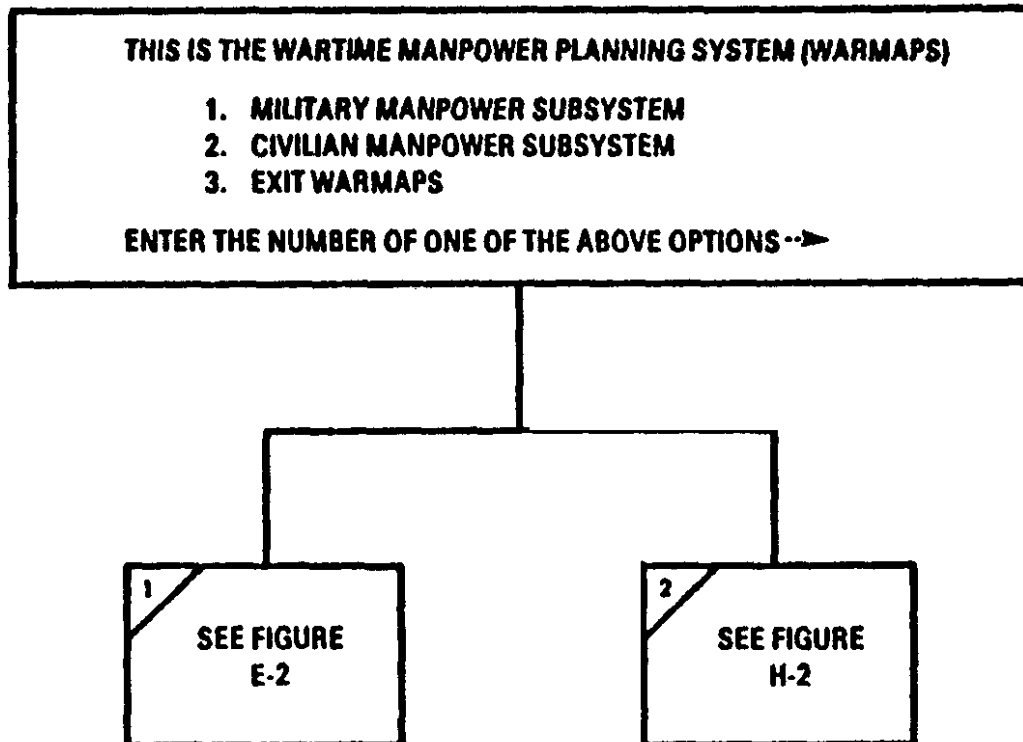Figure AP8.F1.   Wartime Manpower Planning System (WARMAPS)
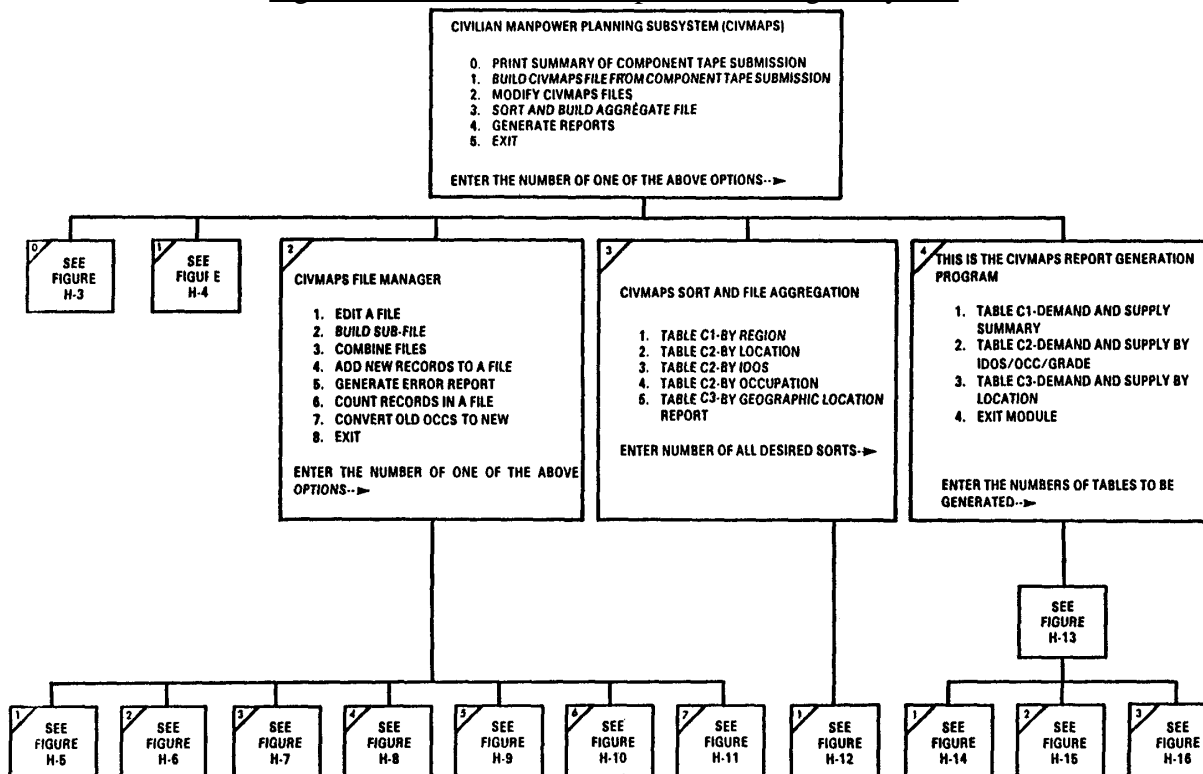
```
THIS IS THE WARTIME MANPOWER PLANNING SYSTEM (WARMAPS)

      1.  MILITARY MANPOWER SUBSYSTEM
      2.  CIVILIAN MANPOWER SUBSYSTEM
      3.  EXIT WARMAPS

ENTER THE NUMBER OF ONE OF THE ABOVE OPTIONS ··►
```

```
1                                    2
   SEE FIGURE                           SEE FIGURE
     E-2                                   H-2
```

Figure AP8.F2. Civilian Manpower Planning Subsystem

Figure AP8.F3. CIVMAPS Component File Summary

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION

OPTION: 0

SUMMARY OF COMPONENT TAPE SUBMISSION

This menu option causes the computer to read a component's CIVMAPS submission (in tape format) and compile a summary of the numeric manpower data.

1. Enter name of CIVMAPS component file:

   file name.tape ## Records in Error out of. ##

   1. Enter the name of the ".tape" file, e.g., army.86.tape.

   The screen returns the file name and the number of errors found when it has completed the summary. In this program an error record is a record which contains non-numeric data in any numeric manpower field. No other errors are checked.

   See file name.sum for a summary of the manpower data.

2. Enter any character to return.

   2. Enter any character key to return to the CIVMAPS main menu.

   After you exit the main menu, a copy of the summary report can be found by typing "ls" (to list segments) and printing or viewing the segment file name.sum, e.g., army.86.sum

Figure AP8.F4.   Build CIVMAPS File from Component Tape Submission

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION

OPTION: 1

THIS IS THE CIVMAPS FILE BUILD PROGRAM

This menu option permits you to create a CIVMAPS file from a component's data submission which is in .tape file format.

1.   Enter name of CIVMAPS component file:

1.   Enter the name of any ".tape" file, e.g., navy.86.tape.

2.   Enter name of CIVMAPS file to be created:

   Creating <u>file name,civ</u>

2.   Enter a file name of your choice, e.g., navy.86

The created file will automatically be given the suffix ".civ", e.g., navy.86.civ.

3.   Enter component code -->

3.   Enter appropriate component code.

4.   Do you want error checks?

4.   Enter "y" if you want all records to be checked for errors. Enter "n" if you do not want records to be checked for errors.

5.   Do you want to omit specific types of error checks?

   The available error checks are as follows:

   1. Manpower Data all Zero
   2. Pay Plan Check
   3. Grade Check
   4. Occupation Check
   5. GSA Location Check
   6. Authorized + Created - Terminated >0
   7. Onhand + Transfer Gains - Transfer Losses - Recalled > 0
   8. Invalid Manpower data, could not convert to binary.
   9. Employment Category.

5.   If you enter "n" skip to 6. If you enter "y", you will be shown a list of the available error checks by type. You may <u>omit</u> specific checks. Only the errors checked and found will be flagged.

Enter number(s) without a space or any other character between them to indicate which error checks you wish to omit.

DoD 1100.19-M, March 1987

Figure AP8.F4.   Build CIVMAPS File from Component Taps Submission (Continued)

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION

OPTION: 1 (Continued)

Enter the number(s) of the error checks you wish to omit -->

6.   Do you have a component rec_fix_up program?

6.   Enter "n" unless notified to do otherwise.

The computer reports the number of records in error in the first 100, 1,000 and 10,000 records. You many wish to terminate the file building process prior to completion if too many records contain errors. To terminate the process, press the BREAK key. Then enter "pi" (program interrupt) to close the file and return to the CIVMAPS main menu period:

recnum = ##   recs_in_errors =   ##;

>>>>>   ## Records in Error out of   ##   <<<<<

>>>>>   See civmaps_error_report   <<<<<

civmaps_file_build: ## records read from file name.tape ## records written to file name.civ

The process is complete. A summary is provided. If errors have been flagged, the process also produces an error report which you can view on the terminal or print in hardcopy.

7.   Enter any character to return.

7.   Press any character key to return to the CIVMAPS main menu.

APPENDIX 8

Figure AP8.F5.   CIVMAPS File Manager (File Editing Program)

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION

OPTION: 2-1

THIS IS THE CIVMAPS FILE EDITING PROGRAM

The File Editing Program allows you to select records for editing, select an edit mode, and modify the contents of a .civ file.

1.   Enter name of CIVMAPS update file:

File <u>file name.civ</u> opened for update.

Using <u>file name.civ</u>

1.   Enter the name of the file to be edited (any .civ file).

2.   How to choose records for edit?

    1. Sequentially from a Start Number
    2. With Errors Flagged
    3. By Record Number
    4. By Key Fields
    5. Exit.

Enter selection_mode   --->

2.   To select records for editing, a selection method must be chosen:

Option "1" allows you to select all records starting from a specified record number to the end of the file.

Option "2" allows you to select all records which contain errors that have been flagged.

Option "3" allows you to select individual records by record number. Records must be selected in low number to high number order.

Option "4" allows you to select all records with specified values in specified key fields.

Option "5" returns you to the File Manager menu.

Figure AP8.F5.   CIVMAPS File Manager (File Editing Program) (Continued)

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION

OPTION: 2-1 (Continued)

3.   Choose record editing mode:

    1. Individual
    2. Mass Change
    3. Mass Delete
    4. Exit.
    --

3.   Now choose an editing mode:

Option "1" allows you to look at and modify each selected record individually.

Option "2" allows you to change all selected records with one edit operation.

Option "3" allows you to delete all selected records from the .civ file.

Option "4" returns you to the File Manager menu.

records read from file <u>file name.civ</u>
records selected
records updated in file <u>file name.civ</u>
records deleted from file <u>file name.civ</u>
records remain in file <u>file name.civ</u>

Upon conclusion of an edit session, a summary of edit operations is provided and you are returned to the File Manager menu.

Figure AP8.F6. Build CIVMAPS File

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION

OPTION: 2-2

THIS IS THE CIVMAPS SUB-FILE BUILDING PROGRAM

The Sub-file Building Program allows you to select records and copy or move them to an existing or newly created subfile.

1. Enter name of CIVMAPS input file:

    File <u>file name.civ</u> opened for update.
Using file <u>file name.civ</u>

1. Enter the name of the file from which records will be selected (any .civ file).

2. How to choose records for subfile?

       1, Sequentially from a Starting Number
       2, With Errors Flagged
       3, By Record Number
       4, By Key Fields
       5, Exit.

       Enter selection_mode -->

2. To select records for the subfile, a record selection method must be chosen:

Option "1" allows you to select all records starting from a specified record number to the end of the file.

Option "2" allows you to select all records which contain errors that have been flagged.

Option "3" allows you to select individual record by record number.

Option "4" allows you to select all records with specified values in specified key fields.

Option "5" returns you to the File Manager menu.

3. How to process records for subfile?

       1. Copy
       2. Move
       3. Exit -->

3. The selected records may be copied or moved:

Option "1" allows you to <u>copy</u> the selected records from the .civ input file to another file.

Figure AP8.F6.   Build CIVMAPS File (Continued)

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION
OPTION: 2-2 (Continued) 3. (Continued)	Option "2" allows you to <u>remove</u> records from the .civ input file and move them to another file. Note: When you move records, you are deleting them from one file and putting them in another file. Option "3" terminates the process and returns you to the CIVMAPS File Manager menu.
4. Enter name of CIVMAPS output file:	4. Enter a name for the subfile. If the name is an existing file, records will be copied or moved to the existing file.
5. Do you wish to create a new file? Creating new file: <u>file name.civ</u> End of file reached.	5. If the name is not recognized as an existing file, you are asked if you are creating a new file. Enter "y" if you are creating a new file. Enter "n" if you expected an existing file to be recognized. You will be asked for the file name again.
## records read from file <u>input file name.civ</u> ## records selected ## records copied/moved to file <u>output file name.civ</u> ## records remain in file <u>input file name.civ</u>	At the conclusion of the subfile building process, a summary is provided. You are then returned to the File Manager menu.

Figure AP8.F7.   CIVMAPS File Manager (File Combination Program)

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION

OPTION: 2-3

THIS IS THE CIVMAPS FILE COMBINATION PROGRAM.

Copies all records from one or more files to a single new or old file.

1.   Enter name of CIVMAPS output file:

      Do you wish to create a new file?

      Creating new file: file name.civ

2.   Reply "none" when there are no more input files.

    A.   Enter name of CIVMAPS input file:

    B.   File file name.civ opened for input.

    C.   ## records copied from file file name.civ to File file name.civ

    ——— ————————————————————

    A.   Enter name of CIVMAPS input file:

TOTAL: ## records copied into file file name.civ

The File Combination Program enables you to copy .civ subfiles to an existing or new.civ file.

1.   Enter file name of your choice.

If the file name is recognized as an existing file, the existing file will be opened to allow a subfile to be copied into it. Otherwise, the system verifies that you want a new file to be created.

2.   Enter the name of the subfile to be copied.

The system will report the number of records copied, and prompt you for the name of the next file.

When you have no more files to copy, enter "none" as the input file name.

Termination provides a count of the total number of records copied to the output file. You are returned to the File Manager menu.

                APPENDIX 8

Figure AP8.F8.   CIVMAPS File Manager (Add Records Program)

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION
OPTION: 2-4	
THIS IS THE CIVMAPS ADD RECORDS PROGRAM.	The Records Add Program allows you to manually enter civilian records to an existing or new .civ file.
1. Enter name of CIVMAPS update file:	1. Enter file name. An existing .civ file will be opened for update or a new .civ file will be created.
File <u>file name.civ</u> opened for update	
2. After each field name reply either: "c" = constant, "v" = variable, "n" = no data.	2. Each data field of a civilian record is initialized with information about the nature of the data to be entered. Each field will be displayed and you will be required to reply either "c", "v", or "n".
component unit location occupation grade employment category pay plan authorized created terminated onhand recalled transfer gains transfer losses reassign convert utilize prerecruits temp military contractors	Choose "c" for those fields which contain unchanging constant values. Choose "v" for those fields in which data values may vary from record to record. Choose "n" for those fields for which you will not enter data.

Figure AP8.F8.   CIVMAPS File Manager (Add Records Program) (Continued)

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION
OPTION: 2-4 (Continued)	
3. Creating Record Number 1 Reply: "y" = yes "r" = reinitialize, "q" = quit	3. After initialization you may: Enter "y" to proceed with entering values for the first record; or
--	Enter "r" to repeat the initialization process; or
Creating initial record.	Enter "q" to terminate and return to the File Manager menu.
Values input for each record will be used to initialize the immediately following record.	4. To create the first record, you will be prompted for a data value for all fields you initialized as <u>constant</u> or <u>variable</u>.
4. Enter Employment Cat:	After the first record, you will only be prompted for those values you have initialized as <u>variable</u>. For fields that you initialized as <u>constant</u>, the same value will be retained from record to record.
Enter Component Code:	
Enter 6-Char Unit (UIC):	
Enter 9-Char Location Code:	
Enter 4-Digit Occupation Code:	
Enter 2-Char Grade:	
Enter Pay Plan:	
Enter Authorized:	

Figure AP8.F8. CIVMAPS File Manager (Add Records Program) (Continued)

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION

5.   Time periods may include:

   m 30 60 90 120 150 180

Enter CREATED   time periods to be manipulated -->

     Enter Created M-Day:

Enter TERMINATED   time periods to be manipulated

     Enter Terminated M+60:
     Enter Onhand:
     Enter Recalled:

Enter TRANSFER GAINS   time periods to be manipulated -->

     Enter Transfer Gains M-Day:

Enter TRANSFER LOSSES time periods to be manipulated -->

     Enter Transfer Losses M-Day:

Enter REASSIGN time periods to be manipulated -->

     Enter Reassign M-Day:

Enter CONVERT time periods to be manipulated -->

     Enter Convert M-Day: Enter Utilized Pre-M:

Enter UTILIZE   time periods to be manipulated -->

     Enter Utilize M-Day:
     Enter Prerecruits:
     Enter Temporary Military:
     Enter Contractors:

---

5.   The fields for positions created, terminated, transfer gains, transfer losses, manpower to reassign, manpower convert and manpower to utilize all contain time phased data. When entering data for these fields, you will be asked to specify the time periods to be manipulated. If you enter "m" (for M-Day) you will be prompted only for an M-Day value. If you enter "60" you will be prompted for a value for M+60 only. For each field with time phased data, enter a list of the time periods for which data are available. Enter a space between each entry, e.g.,
m 60 120 180. You will be prompted for a data value for each time period you have listed.

Figure AP8.F8.   CIVMAPS File Manager (Add Records Program) (Continued)

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION

OPTION: 2-4 (Continued)

```
6.  RECORD NUMBER:  1  PRE---M---30---60---90--120--150--180
       component   =       auth
       theater     =       created
       region      =       term
       geoloc      =       onhand
       unit        =       recalled
       idos        =       gains
       occupation  =       losses
       pay-plan    =
       grade       =       reassign
       employ-cat  =       convert
                           utilize
                           prerec
                           tempmil
                           contr
       Enter one of:
       c correct record
       m modify record
       d delete record
       w write record to file.   -->
```

6.   After all values are entered, the record will be displayed. Errors are detected and reported. You may choose to corrected, modify, delete or write the record.

Option "c" allows you to correct the record. You will be prompted to enter values for those fields with flagged errors.

Option "m" allows you to select any field and change/modify the value.

Option "d" causes the record to be written discarded.

Option "w" causes the record to be written to the .civ file.

(The record may be changed at a later time with the File Manager Edit Program.)

If you correct or modify values, the record will be displayed again with the new values. Again, you will be given the opportunity to correct, modify, delete or write the record to the file.

```
7.  Creating Record

    "y" = yes
    "r" = reinitialize
    "q" = quit

    -->
```

7.   You may continue to add records, correct them, reinitialize or terminate (quit) the process.

Termination provides a count of the records added to the file and returns you to the File Manager Menu.

Figure AP8.F9.   CIVMAPS File Manager (Record Verification Program)

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION

OPTION: 2-5

THIS IS THE CIVMAPS RECORD VERIFICATION AND ERROR REPORT PROGRAM

The record verification program enables you to conduct checks on the data records and to flag records with errors as an aid to editing. The program also compiles a report of errors.

1.   Enter name of CIVMAPS update file:

     File file name.civ opened for input.

1.   Enter file name (any .civ file).

2.   Do you want to omit specific types of error checks?

     ##   Records in Error out of ##

        See civmaps_error_report

2.   Enter "y" and the terminal will show you the available error checks and allow you to omit specific checks.

Enter "n" and each record will be checked for all types of errors.

The terminal provides a summary of the number of records checked and the number of records found to contain errors. You are returned to the File Manager menu.

After you exit the main CIVMAPS menu, the civmaps_error_report can be viewed, printed or deleted.

Figure AP8.F10.   CIVMAPS File Manager (Record Counting Program)

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION
OPTION: 2-6 THIS IS THE CIVMAPS RECORD COUNTING PROGRAM	This program counts the records in a file. It is used to verify the number of records in a file after editing or other processing has been performed.

1.   Enter name of CIVMAPS input file:
 	
      File file name.civ opened for input.
 	
      ## records counted in file file name.civ
	1. Enter file name (any .civ file).
	
	The terminal reports the record count and you are returned to the File Manager menu.

Figure AP8.F11.   CIVMAPS File Manager (Old to New Occupation Conversion Program)

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION
OPTION: 2-7 THIS IS THE CIVMAPS OLD OCC TO NEW OCC CONVERSION PROGRAM	This program uses an internal table to permanently convert known outdated occupation codes to known new occupation codes. This program can be used to substantially reduce the number of occupation code errors in a file if the errors are caused by outdated coding.

1.   Enter name of CIVMAPS update file:
 	
      File file name.civ opened for input.
 	
      ## records read in file file name.civ
 	
      OCC updated in ## records.
	1. Enter file name (any .civ file).
	
	The terminal reports the number of outdated occupation codes that were found and converted. You are then returned to the File Manager menu.

Figure AP8.F12.   CIVMAPS File Sort

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION

OPTION: 3

THIS IS THE CIVMAPS FILE SORT AND AGGREGATION PROGRAM.

(The following is an example of the region sort.)

The CIVMAPS file sort program sorts and aggregates the ".civ" file by region, IDOS, occupation or location codes. It produces sorted files that are used in report generation.

1.   Enter name of CIVMAPS input file:

    File <u>file name.civ</u> opened for input.

    Records input to sort: <u>##</u> out of <u>##</u>

    Sorted, aggregated records will be written to: <u>file name.civ.reg</u>

    Sort complete <u>##</u> records returned <u>##</u> records written.

1.   Enter file name (any .civ file).

The program:

o   Identifies the file and opens it.

o   Displays the number of records input to the sort and aggregation process.

o   Names the sorted output file by adding a suffix to the input file name. The suffix reflects the key field used in the sort.

o   Upon completion, displays the number of records written in the sorted output file. The difference in the number of records shows the amount of aggregation that has taken place.

2.   Enter any character to return.

2.   Any entry will return control to CIVMAPS main menu.

Figure AP8.F13.   CIVMAPS Report Generator

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION

OPTION: 4

1. THIS IS THE CIVMAPS REPORT GENERATION PROGRAM.

    1. Table C1 - WARTIME CIVILIAN MANPOWER DEMAND AND SUPPLY

    2. Table C2 - WARTIME CIVILIAN MANPOWER DEMAND AND SUPPLY BY IDOS/OCC/GRADE

    3. Table C3 - WARTIME CIVILIAN MANPOWER DEMAND AND SUPPLY BY LOCATION

    4. TABLE C4 - LOSSES TO RECALL OF RESERVISTS & RETIREES BY IDOS/OCC

    5. Exit Module

Enter the numbers of tables to be generated -->

1. Enter the number(s) of the tables you want generated without any blank spaces or any other characters, e.g., 123.

2. Enter name of CIVMAPS input file:

2. Enter the name of the file. It must end in .civ.

3. Enter desired component codes or "all"

3. Enter the component code(s) of the Service/Agency file. The component code is used to create a Service/Agency label on the reports. If you indicate more than one code or "all", the system will give you the choice of using a Department of Defense label or creating your own label. For a list of valid component codes, type "help".

4. How many lines (0, 1, 2) of additional label?

4. If you desire to add additional label or comment lines to your report header, enter either "1" or "2" here to add 1 or 2 lines. Type "0" if no additional lines are desired.

Figure AP8.F13.   CIVMAPS Report Generator (Continued)

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION

OPTION: 4 (Continued)

5. Enter line -->

5. If you choose additional header lines, you are now given the opportunity to enter labels or comments. You may enter up to 75 characters on each additional line in the header.

6. Do you want to select records?

6. The report generator software has the capability to select particular records and compile the report using only the selected records. This capability is similar to the record selection features of the File Manager (see Figure H-6). For example, you could compile a report for one state from a file containing all states. For a list of the fields that can be used to select records, type "help".

    All records from the file will be included in the reports.

If you answer "no" to the record selection option, this message confirms that all records will be included in the reports.

7. You can review your record selections. Press any character key to continue creating your reports.

7. Depress any key to continue -->

Figure AP8.F14. CIVMAPS Report Generator

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION

OPTION: 4-1

THIS IS THE CIVMAPS REPORT GENERATION PROGRAM.

8. This is the Table C1 report module. Your report can be broken out by the following level breaks.

    1.   No Level Break
    2.   Theater
    3.   Theater & State/Country
    4.   Theater, State/Country, & IDOS
    5.   Theater, State/Country, IDOS & Pay Plan
    6.   Theater, State/Country, IDOS, Pay Plan, & Grade
    7.   Location
    8.   Region
    9.   Region & IDOS
    10.   Region, IDOS, & Pay Plan
    11.   Region, IDOS, Pay Plan, & Grade

Enter the number of the level of report desired -->

8. You have now entered the Table C1 report (assuming you selected this report when you first entered the report generator). Table C1 has an additional feature called the level break option. It enables you to select fields which are used as "breaks" to compile a series of C1 tables. A new C1 table will be produced whenever the "break" fields change. For example, break options 6, 10 and 11 will efficiently produce a large volume of tables for detailed studies. Enter break option 1 unless you require a series of reports which breakdown data by certain fields.

File **filename.reg** opened for input.

Indicates which sorted file is in use.

9. Do you want the report saved for the printer?

9. Enter "y" to have the report written and saved in a segment. This is required if you wish to print the report in hardcopy. Enter "n" if you only want to view the report on your terminal screen. The report will appear on your screen, and as soon as you clear your screen, it is completely gone.

Figure AP8.F14. CIVMAPS Report Generator (Continued)

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION

OPTION: 4-1 (Continued)

10. Do you want the report added to an existing report segment?

10. If you have an existing segment and wish to add (append) this report to it, enter "y". If you enter "n", a new report segment will be created. If you have an old report segment with the same name, it will be overwritten by the "n" option.

PRODUCING TABLE C1

The report has been written to the segment **file name.C1 rpt**

When the report is complete the system informs you.

Depress any key after viewing -->

Enter any character to continue with other reports.

Depress any key to return to CIVMAPS -->

Enter any character to return to the CIVMAPS main menu.

APPENDIX 8

Figure AP8.F15.   CIVMAPS Report Generator

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION

OPTION: 4-2

THIS IS THE CIVMAPS REPORT GENERATION PROGRAM.

8.   The C2 report formats are as follows:

    1. Copy IDOS
    2. Copy OCCUPATION
    3. Copy OCCUPATION and GRADE
    4. Copy OCCUPATION and GRADE with DOT CODES

Enter the number(s) of the report formats desired -->

8.   Enter the number(s) of the desired level of detail and format.

This is the Table C2 Report module.

This report will be formatted by IDOS

The program confirms your selection.

File filename.IDOS/OCC open for input.

Identifies the sorted file it will use to produce the report.

9.   Want negative net only? -->

9.   If you are only interested in compiling shortfalls in your report, enter "y". The report will not report overages. Enter "n" if you want both shortfall and overages in the report.

10. Do you want the report saved for the printer?

10. Enter "y" if you would like the report saved to a permanent segment. Enter "n" if you are only interested in seeing the report on the screen.

11. Do you want the report added to an existing report segment?

11. Enter "y" if you would like the report added to an existing segment. If you would like a new segment answer "n". The new segment will replace any previous segment with the same name.

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Figure AP8.F16.   CIVMAPS Report Generator

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION
OPTION: 4-3	
THIS IS THE CIVMAPS REPORT GENERATION PROGRAM.	

8.   The GEOLOC Report can be compiled by:
 	
    1.   State/Country
    2.   GEOLOC (State, City, and County)
    3.   GEOLOC and UNIT
 	
Enter the number(s) of the compilations you want -->
	8. Enter the number(s) of the derived level of detail and format.

This is the GEOLOC report module.	The program confirms selection.
File filename.geoloc opened for input.	Identifies the sorted file it will use to produce the report.
9. Do you want the location reported by theaters?	9. Enter "y" if you would like theaters displayed in your report.
10. Do you want the report saved for the printer?	10. Enter "y" if you would like the report saved to a permanent segment. Enter "n" if you are only interested in seeing the report on the screen.
11. Do you want the report added to an existing report segment?	11. Enter "y" if you would like the report added to an existing segment. If you would like a new segment, answer "N". The new segment will replace any previous segment with the same name.
PRODUCING GEOLOC REPORT	
The report has been written to the segment filename C3.	Identifies the segment the report was written to.

Figure AP8.F16.   CIVMAPS Report Generator (Continued)

TERMINAL DISPLAY	USER RESPONSE/EXPLANATION
OPTION: 4-3 (Continued)	
12. Depress any key after viewing -->	12. Enter any character to continue. If you chose more than one C3 report format processing of the next C3 format will introduce itself.
13. Depress any key to return to CIVMAPS -->	13. Enter any character to return to the CIVMAPS main menu.