

AD-A022 115

NAVAL RESERVE ANNUAL OPERATING COSTS

Robert T. Mason, et al

Operations Research,
Incorporated

Prepared for:

Office of Naval Research

29 October 1975

DISTRIBUTED BY:

NTIS

National Technical Information Service
U. S. DEPARTMENT OF COMMERCE

ORI



APPROVED FOR PUBLIC RELEASE;

DISTRIBUTION UNLIMITED

Copy available to DDC does not
permit fully legible reproduction

Operations Research, Inc.

REPRODUCED BY
NATIONAL TECHNICAL
INFORMATION SERVICE
U. S. DEPARTMENT OF COMMERCE
SPRINGFIELD, VA. 22161

UNCLASSIFIED

Copy available to DDC does not
permit full legible reproduction

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Naval Reserve Annual Operating Costs		5. TYPE OF REPORT & PERIOD COVERED Final Report 8/16/74 - 6/30/75
7. AUTHOR(s) Robert T. Mason, Parmely M. Daniels, Michael N. McDermott		6. PERFORMING ORG. REPORT NUMBER ORI TR 932
9. PERFORMING ORGANIZATION NAME AND ADDRESS Operations Research, Inc. 1400 Spring Street Silver Spring, MD 20910		8. CONTRACT OR GRANT NUMBER(s) N00014-75-C-0086
11. CONTROLLING OFFICE NAME AND ADDRESS Office of Naval Research (Code 431) Department of the Navy Arlington, VA 22217		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office) Commander, Defense Contract Administration Services District - Baltimore Building 22, Fort Holabird Baltimore, MD 21219		12. REPORT DATE 29 October 1975
		13. NUMBER OF PAGES 294
		15. SECURITY CLASS (of this report) Unclassified
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE none
16. DISTRIBUTION STATEMENT (of this Report) ~~At the direction of the Scientific Officer, additional distribution of this~~ ~~Director's report shall be made in accordance with a supplementary distribution~~ ~~list provided by the Scientific Officer.~~		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report) Approved for public release; distribution unlimited		
18. SUPPLEMENTARY NOTES Reproduction in whole or in part is permitted for any purpose of the United States Government.		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Annual Operating Costs Reserve Personnel, Navy Cost Model Navy Program 5 Support Costs, Naval Reserve Operations and Maintenance, Naval Reserve		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report describes an analytical study effort conducted by Operations Research, Inc. (ORI) aimed at enhancing the Navy Resource Model (NARM) with respect to its ability to generate estimates of the costs associated with the Naval Reserve. (continued)		

DD FORM 1473
1 JAN 73EDITION OF 1 NOV 65 IS OBSOLETE
S/N 0102-014-6601

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

1. Information concerning the numbers, types, and composition of all of the various units in the Naval Reserve; equations for generating estimates of personnel costs, hardware costs, and support costs; and suggested report formats for displaying the costs of the Naval Reserve by program element and Naval Reserve program.
2. A computerized model which rapidly and consistently generates: a) RPN "factors" that consider the number of authorized paid drills, and b) estimates of the RPN budget which consider the units' manning.

As a consequence of ORI's analysis, it should be possible for the NARM to rapidly and consistently provide estimates of the resources associated with a given or alternative Naval Reserve program(s).

ACCESSION 138

NTIS

DOI

YES ☒

NO ☐

U.S. SPECIAL

A

OPERATIONS RESEARCH, Inc.

1400 SPRING STREET
SILVER SPRING, MARYLAND

20910

NAVAL RESERVE ANNUAL OPERATING COSTS

29 OCTOBER 1975

PREPARED FOR
OFFICE OF NAVAL RESEARCH
ARLINGTON, VIRGINIA

UNDER CONTRACT No.
N00014-75-C-0086

ib

SUMMARY

This report describes an analytical study effort conducted by Operations Research, Inc. (ORI) aimed at enhancing the Navy Resource Model (NARM) with respect to its ability to generate estimates of the costs associated with the Naval Reserve.

There are two general products resulting from ORI's endeavors:

1. Information concerning the numbers, types, and composition of all of the various units in the Naval Reserve; equations for generating estimates of personnel costs, hardware costs, and support costs; and suggested report formats for displaying the costs of the Naval Reserve by program element and Naval Reserve program.
2. A computerized model which rapidly and consistently generates: a) RPN "factors" that consider the number of authorized paid drills, and b) estimates of the RPN budget which consider the units' manning.

As a consequence of ORI's analysis, it should be possible for the NARM to rapidly and consistently provide estimates of the resources associated with a given or alternative Naval Reserve program(s).

TABLE OF CONTENTS

		<u>Page</u>
	SUMMARY	i
	LIST OF FIGURES	iv
	LIST OF TABLES	v
I.	INTRODUCTION	1
	BACKGROUND	1
II.	ESTIMATING THE DIRECT COSTS OF "USERS"	2
	RESOURCES AVAILABLE TO "USERS"	2
	"USER" PROGRAM ELEMENTS WITH RPN AND/OR MPN RESOURCES ONLY	4
	"USER" PROGRAM ELEMENTS WITH RPN/MPN AND/OR OTHER RESOURCES	6
	SUMMARY OF RESOURCE ALLOCATIONS TO "USER" PROGRAM ELEMENTS	6
	DIRECT COSTS OF "USER" PROGRAM ELEMENTS WITH RPN AND/OR MPN RESOURCES ONLY	7
	DIRECT COSTS OF "USER" PROGRAM ELEMENTS WITH RPN/MPN AND/OR OTHER RESOURCES	7
	TOTAL DIRECT PERSONNEL COSTS	15
III.	THE RPN MODEL	16
	BACKGROUND	16
	FEATURES OF THE RPN MODEL	17
	INTRODUCTION TO RPN	17

	INPUTS TO THE MODEL	20
	APPLICATIONS OF THE MODEL	23
	DISPLAYS OF OUTPUT	23
	METHODOLOGY OF CALCULATION	26
	INDIRECT COST FACTORS	32
	PROGRAM DOCUMENTATION	34
IV.	ESTIMATING NAVAL RESERVE SUPPORT COSTS	43
	INTRODUCTION	43
	USERS IN DPPC SUPPORT CATEGORIES	44
	CATEGORIES OF SUPPORT	44
APPENDIX A:	RPN MODEL INPUT DATA AND PAY FACTORS	A-1
APPENDIX B:	CRU, SRU, ORU, AND IRU RPN COSTS BY PROGRAM ELEMENT AND DEFENSE PLANNING AND PROGRAMMING CATEGORY (DPPC)	B-1
APPENDIX C:	CRU, SRU, ORU, AND IRU RPN COSTS BY PROGRAM ELEMENT AND NAVAL RESERVE PROGRAM	C-1
APPENDIX D:	NRRM 1 LISTING	D-1
APPENDIX E:	PROGRAM ELEMENT TITLES	E-1
APPENDIX F:	NRRM PROGRAM DATA	F-1
APPENDIX G:	NRRM 2 LISTING	G-1
APPENDIX H:	THE NAVAL RESERVE	H-1
APPENDIX I:	THE NAVAL RESERVE PROGRAM IN THE DEPARTMENT OF DEFENSE PLANNING, PROGRAMMING AND BUDGETING SYSTEM	I-1
APPENDIX J:	PROJECT SCOPE AND APPROACH	J-1

LIST OF FIGURES

	<u>Page</u>
1. RESERVE SHIP DIRECT OPERATING COSTS	9
2. RESERVE AIRCRAFT DIRECT OPERATING COSTS	11
3. DETAIL OF COST ELEMENT CALCULATION	26
4. COMPUTER CONFIGURATION FOR PROGRAM 1	35
5. DPPC DATA	36
6. DPPC SUB-CATEGORY 1 DATA	37
7. DPPC SUB-CATEGORY 2 DATA	38
8. COMPUTER CONFIGURATION FOR PROGRAM 2	40
9. FUNCTIONAL GROUP DESCRIPTION DATA	41
10. NAVAL RESERVE PROGRAM DESCRIPTION DATA	42

LIST OF TABLES

		<u>Page</u>
1.	CRU TYPES NOT ASSOCIATED WITH SHIPS OR AIRCRAFT	14
2.	PARTICIPATION REQUIREMENTS AND PERSONNEL DISTRIBUTION BY PAY GROUP	18
3.	COMPOSITION OF RPN COST FACTORS	19
4.	CATEGORIES OF INPUTS AND THEIR SOURCES	21
5.	COLUMNAR HEADINGS OF THE RPN MODEL	22
6.	PARAMETERS WHICH THE USER CAN ALTER	24
7.	SUMMARY OF TOTAL ANNUAL OPERATING COSTS	25
8.	CALCULATION OF RPN DIRECT COST FACTORS	27
9.	CALCULATION OF RPN DIRECT COST ELEMENTS	29
10.	CALCULATION OF RPN INDIRECT COST FACTORS	33
H.1	DISTRIBUTION OF NAVAL RESERVISTS IN THE 11 NAVAL RESERVE PROGRAMS FOR FY-1976 (IN ORDER OF RESOURCES)	H-3
H.2	DISTRIBUTION OF RESOURCES IN SUB-PROGRAMS OF PROGRAM 11 -- SPECIAL AND GENERAL SUPPORT PROGRAM FOR FY-1976 (IN ORDER OF RESOURCES)	H-4
H.3	DISTRIBUTION OF NAVAL RESERVISTS BY BASIC UNIT TYPE FOR FY-1976	H-6
H.4	DISTRIBUTION OF NAVAL RESERVISTS BY UNIT TYPE AND NAVAL RESERVE PROGRAM FOR FY-1976	H-7
H.5	DISTRIBUTION OF NAVAL RESERVISTS ACCORDING TO FUNCTIONAL GROUP	H-8

H.6	FUNCTIONAL GROUPS IN THE NAVAL RESERVE PROGRAM	H-9
I.1	PROGRAM ELEMENTS MODELED AS "USERS"	I-3
I.2	PROGRAM ELEMENTS MODELED AS "SUPPORT"	I-19

I. INTRODUCTION

BACKGROUND

During the past few years, analysts who have attempted to conduct meaningful research and investigations concerning the Naval Reserve -- as well as planners and decision-makers who have attempted to evaluate alternative reserve or active/reserve force structures -- have been hampered in doing a comprehensive job because of the lack of a detailed set of up-to-date Naval Reserve resource data and because there has been no computerized model which would provide rapid, consistent estimates of the resources associated with a given Naval Reserve program or those associated with changes to that program.

Although the Navy does have a computerized model, the NARM (Navy Resource Model), which generates detailed estimates of the resource requirements for alternative active force levels, operating tempos and support policies, it does not possess the same capability for the Naval Reserve.

The purpose of this report is to discuss the research and analysis conducted by Operations Research, Inc. (ORI) under Contract Number N00014-75-C-0086, the objective of which was to alleviate the shortcomings cited above.

II. ESTIMATING THE DIRECT COSTS OF "USERS"

This section discusses methodology for estimating the direct costs of the "User" program elements identified in Appendix I.

The Navy resources available to Program 5 are identified. "User" program elements are categorized by resource allocation. Listed categories include "User" program elements with:

- RPN resources only
- MPN resources only
- RPN and MPN resources only
- RPN/MPN and/or other resources.

The methodology for determining the direct costs of program elements in each category is discussed. The direct costs of Naval Reserve ships and aircraft are addressed in particular as are the direct costs of CRUs other than those associated with hardware. Naval Air Reserve Squadron SRUs are also discussed since some of their costs are attributable to the active forces and are not included when determining Naval Reserve aircraft costs. Finally, the combined direct personnel costs for members of the Selected Naval Reserve, without regard to particular program elements, are discussed.

RESOURCES AVAILABLE TO "USERS"

The following Navy appropriations are allocated, in total or in part, to "User" program elements in Program 5:

Navy Appropriations

RPN
O&MNR
MCNR
APN
OPN
O&MN*

Navy Resources

RPN. RPN resources are in Program 5 and in Program 8. RPN funds in Program 8 are allocated to the following program elements:

- 81113N - Professional Training Navy
- 81122N - Aviation Reserve Officer Candidate
- 81123N - In ROTC
- 81124N - Reserve Officer Candidate Program (N)
- 81125N - ROTC.

Within Program 5, RPN resources are allocated to two Marine Corps Reserve program elements as well as to Naval Reserve program elements:

- 52511M - Divisions (Marine Reserve)
- 52512M - Wings (Marine Reserve).

The scope of this project does not include estimation of the direct costs of the Marine Corps Reserve. However, it is necessary to note that RPN resources allocated to the Marine Corps Reserve must be included when determining total RPN resources in all of Program 5.

O&MNR. All O&MNR resources are in Program 5, and O&MNR resources are allocated to one (1) Marine Corps Reserve program element:

- 52512M - Wings (Marine Reserve).

As in the case with RPN resources, O&MNR resources allocated to the Marine Corps Reserve must be included when determining total O&MNR resources included in all of Program 5.

MCNR. All MCNR resources are in Program 5 and are considered thruputs.

MPN. A portion of MPN resources is allocated to Program 5.

APN. A portion of APN resources is allocated to Program 5.

* O&MN resources are not allocated to Program 5 in the DNFY?, but are a resource to some program elements in Program 5. An explanation appears in the following section.

OPN. A portion of OPN resources is allocated to Program 5 and is considered to be a thruput.

O&MN. O&MN resources do not appear in the DNFYP in Program 5, but O&MN resources defray the direct costs of aircraft component reworks and are therefore considered in determining the direct costs of some "User" program elements in Program 5.

"USER" PROGRAM ELEMENTS WITH RPN AND/OR MPN RESOURCES ONLY

"User" Program Elements with RPN Resources Only (Source: Jan 75 DNFYP)

Seventy-nine (79) "User" program elements have RPN resources only and are listed below:

- 51611N - Support Ships (FBM)
- 51631N - Command (Offensive)
- 52301N - LANTCOM
- 52202N - PACOM
- 52303N - Other (General Purpose Forces)
- 52305N - Attack Carriers
- 52306N - Multipurpose Aircraft Carriers
- 52345N - Support Forces
- 52348N - Cruisers
- 52349N - Destroyers/Frigates - Missile
- 52352N - Escorts - Non-Missile
- 52354N - Support Forces
- 52360N - Air Mine Countermeasure Squadrons
- 52361N - Mine and Mine Support
- 52363N - Undersea Surveillance Systems
- 52368N - Amphibious Tactical Support Ships
- 52373N - Special Warfare Forces
- 52375N - Underway Replenishment Ships
- 52377N - Major Fleet Support Ships
- 52378N - Minor Fleet Support Ships
- 52380N - Special Combat Support - Cargo Handling
- 52381N - Special Combat Support - Mobile Ordnance Technical
- 52382N - Special Combat Support - Combat Camera
- 52383N - Special Combat Support - Harbor Clearance
- 52386N - Deep Submergence Systems
- 52401N - Sea Control Projection Air Base Operations
- 52402N - Sea Control Projection Air Base Communications
- 52403N - Sea Control Air Base Operations
- 52404N - Sea Control Air Base Communications
- 52405N - Fleet Support (Port) Base Operations
- 52406N - Fleet Support (Port) Base Communications
- 52407N - Fleet Logistics Support Base Operations
- 52413N - Fleet Support Training
- 52421N - Fleet Command
- 52426N - Sea Control (Subsurface)

52427N - Sea Projection Command
 52428N - Inshore Warfare Command
 52429N - Mobile Support Forces Command
 53131N - Fleet Intelligence Support Activity
 53137N - Elint Centers
 53138N - Intelligence Production Activities
 53139N - Scientific and Technical Intelligence
 53140N - Intelligence Data Handling
 53141N - Intelligence Management and Support Activities
 53143N - Cryptologic Communications
 53144N - Intelligence Communications
 53154N - Navy Communications (NAVCOM)
 53155N - Navy Communications (DCS)
 53158N - COMSEC
 53170N - Weather Service
 53174N - Counter Intelligence and Investigative Activities
 (CI&IA)
 53584N - Command
 54302N - Troop Cargo Transport
 54316N - MSC Headquarters
 54321N - Port Terminal Operations
 56294N - R&D Laboratories
 56307N - FAC and Installation Support
 57203N - Supply Depots/Operations
 57204N - Inventory Control Points Operations
 57205N - Procurement Operations
 57211N - Depot Maintenance
 57217N - Ship Maintenance Activities
 57219N - Naval Ordnance Activities
 57233N - Public Works Centers
 57244N - Command (Incl. Sup. Def. Agency)
 57253N - Logistic Support Activities
 57255N - Navy Inactive Ship Maintenance Facility
 58111N - Recruit Training
 58112N - Specialized Training
 58114N - Flight Training
 58131N - Hospitals
 58136N - Other Medical Activities
 58167N - Command (Incl. Sup. Def. Agency)
 58170N - Special Category Trainees - Pay Group D Trainees Only
 59512N - Departmental Headquarters
 59513N - Other Field Activities
 59517N - Other HQ Supt (not otherwise accounted for) - (Incl.
 Sup. Def. Agency)
 59519N - Public Affairs
 50104N - International Mil. Hdqtrs. and Agencies

"User" Program Elements with MPN Resources Only

One (1) "User" program element has MPN resources only:

- 52333N - S-3 Squadrons.

"User" Program Elements with RPN and MPN Resources Only

Three (3) "User" program elements have RPN and MPN resources only:

- 52422N - Sea Control/Projection
- 52424N - Sea Control (Air) Command
- 52425N - Sea Control (Surface) Command.

"USER" PROGRAM ELEMENTS WITH RPN/MPN AND/OR OTHER RESOURCES

Twenty (20) "User" program elements having RPN/MPN and/or other resources are listed below:

<u>PE</u>	<u>Resources</u>
52311N - A-4 Squadrons	RPN, MPN, O&MNR, APN
52313N - A-7 Squadrons	RPN, MPN, O&MNR, APN
52316N - F-8 Squadrons	RPN, MPN, O&MNR, APN
52317N - F-4 Squadrons	RPN, MPN, O&MNR, APN
52324N - Early Warning Squadrons	RPN, MPN, O&MNR
52325N - Reconnaissance Squadrons	RPN, MPN, O&MNR, APN
52326N - Sea-Based Electronic Warfare Sqds.	RPN, MPN, O&MNR
52331N - S-2 Squadrons	MPN, O&MNR
52332N - SH-3 Squadrons	RPN, MPN, O&MNR
52341N - ASW Patrol Squadrons	RPN, MPN, O&MNR
52350N - Destroyers - Non-Missile	RPN, MPN, O&MNR
52353N - Escorts - Patrol	RPN, MPN, O&MNR
52359N - Mine Countermeasure Forces	RPN, MPN, O&MNR
52366N - Amphibious Assault Ships	RPN, MPN, O&MNR
52371N - Coastal/River Forces	RPN, MPN, O&MNR, OPN
52372N - Inshore Undersea Warfare Forces	RPN, O&MNR, OPN
52379N - Fleet Support Sqds. Aircraft	RPN, MPN, O&MNR
52384N - Naval Construction Forces	RPN, MPN, O&MNR
53132N - Cryptologic Activities	RPN, O&MNR
57243N - Base Operations (Navy)	RPN, MPN, O&MNR

SUMMARY OF RESOURCE ALLOCATIONS TO "USER" PROGRAM ELEMENTS

The resources available to Program 5 "User" program elements are summarized as follows:

RPN only	79 PEs
MPN only	1 PE
RPN and MPN only	3 PEs
RPN/MPN and/or	20 PEs
Other	
Undistributed	1 PE
RPN adjustment	

104 PEs = Total "Users" in
Program 5

DIRECT COSTS OF "USER" PROGRAM ELEMENTS WITH RPN AND/OR MPN RESOURCES ONLY

The direct costs of "User" program elements identified as having RPN and/or MPN resources only are equal to the manpower costs of those program elements. If all of the direct costs associated with a "User" program element are manpower costs only, it follows that all of the direct costs of the CRUs, SRUs, ORUs, and IRUs associated with that program element are attributable to manpower only. Total direct costs of a program element in this category can be expressed:

$$\text{Total Direct Costs} = \text{RPN Costs} + \text{MPN Costs.}$$

RPN Costs

RPN costs are calculated by the RPN model which has been developed as part of this project. The model is described in Section III of this report.

MPN Costs

MPN costs can be calculated through existing NARM methodology. The equations are listed in the draft copy of the "FLAIL User's Guide", and the data are available in the Universal Data, RDATA and WDATA files.

Project Results

The methodology for determining RPN costs (RPN model), added to the existing NARM methodology for determining MPN costs, combine to provide a methodology for estimating annual personnel costs of the Naval Reserve. In the case of the 83 "User" program elements with RPN and/or MPN resources only, personnel costs are also total direct costs. But even in program elements where personnel costs are not equal to, but rather contribute to the total direct costs, the methodology for determining the RPN and MPN costs remains the same as that for program elements with personnel costs only.

DIRECT COSTS OF "USER" PROGRAM ELEMENTS WITH RPN/MPN AND/OR OTHER RESOURCES

The 20 "User" program elements in this category are of major significance because they include the ships and aircraft of the Naval Reserve. They also include Marine Air Reserve squadrons; but this project does not specifically address the Marine Corps Reserve, other than to acknowledge that some Navy resources are allocated to Marine Corps Reserve units.

The total direct costs of these program elements can be considered to be the sum of hardware operation and maintenance costs and personnel costs. Any investment costs are thruputted and are not costed to ship or aircraft. The costs of these program elements are related to a UE (Unit Equipment: a single DD or single A4) rather than to the overall cost of the program element.

Direct Costs of Naval Reserve Ships

Naval Reserve ships are distributed among the following program elements:

- 52350N - DD
- 52353N - PG
- 52359N - MSO
- 52366N - LKA, LPA
- 52371N - Coastal/Riverine Craft.

Reserve ship direct operating costs can be calculated by the same NARM methodology used for calculating active ship direct operating costs, with the exceptions that there are both MPN and RPN manpower costs, and O&MNR funds are used rather than O&MN funds. Figure 1 diagrams the direct operating costs of Reserve ships.

Equations for deriving ship direct costs are available in the draft copy of the "FLAIL User's Guide". Input data are available in the Universal Data, RDATA and WDATA files.

NOTE: The coastal/riverine craft in PE 52371N are not currently listed in the NARM factors machine read-out although some of their similar costs (i.e., overhaul costs) are budgeted. The craft can be costed in the same manner as other ships but only after the Universal Data, RDATA and WDATA files have been updated. Tempo of operations and other factors must be known before the data files can be updated. Until such time as the data is available, operating and maintenance costs for these craft can be thruputted. Personnel costs, however, can still be estimated by the RPN model and by existing MPN methodology.

Project Results. The direct costs of Naval Reserve ships are estimated by combining the existing NARM methodology with the RPN model developed as part of this project. Addition of the RPN model increases the accuracy of cost estimation. The total direct costs of an entire "User" program element containing Naval Reserve ships can be estimated by summing the direct costs of all of the ships and the direct costs of personnel not attributable to those ships. In the latter case, the resources involved are RPN and/or MPN only. Again, the RPN model is used and contributes to a more accurate estimate of the total direct costs of the program element.

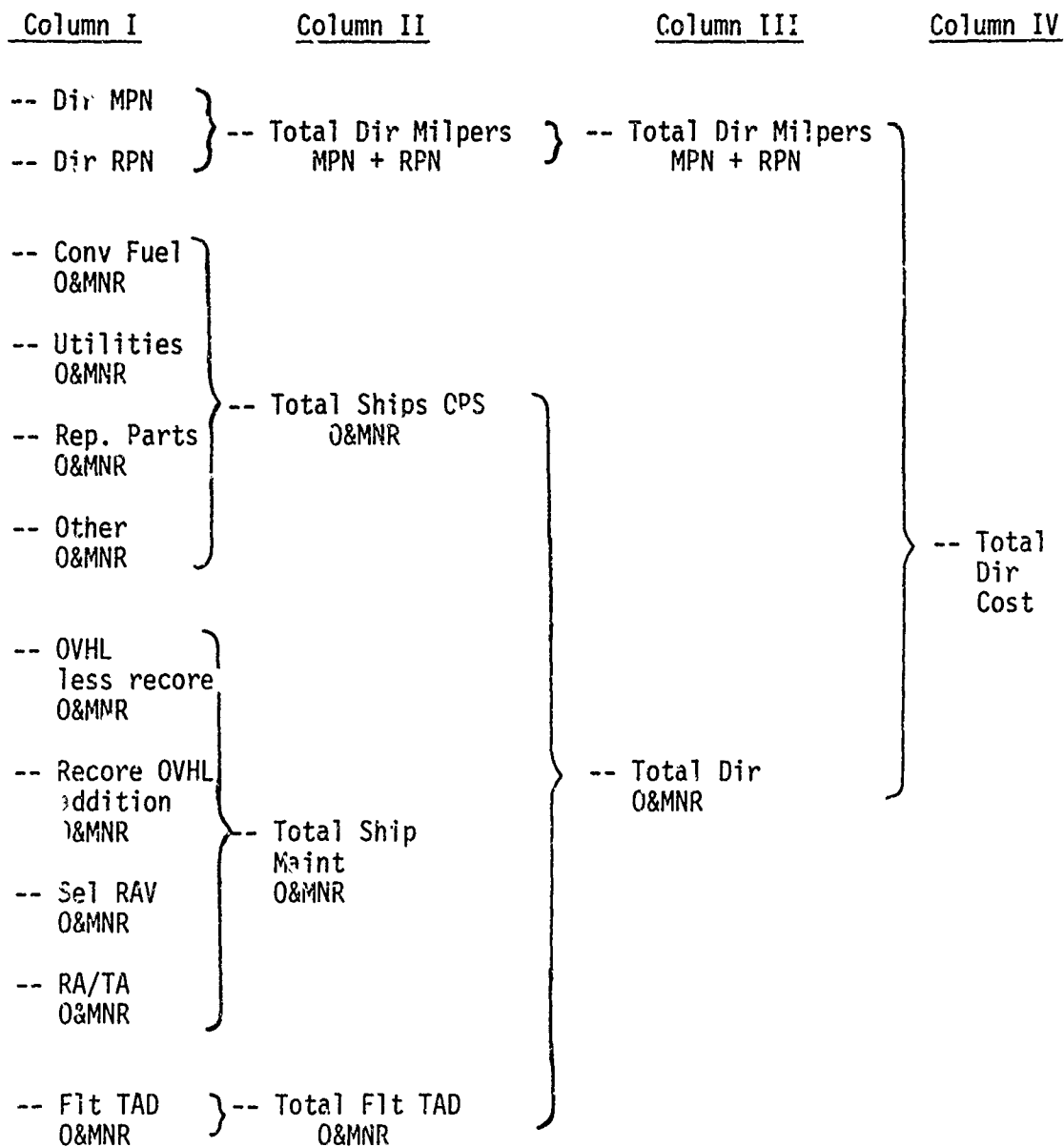


FIGURE 1. RESERVE SHIP DIRECT OPERATING COSTS

Direct Costs of Naval Reserve Aircraft

Naval Reserve aircraft are distributed among the following program elements:

- 52311N - A-4L
- 52313N - A-7A
- 52316N - F-8J
- 52317N - F-4N
- 52324N - F1B
- 52325N - RF8G
- 52326N - KA-3B, EA6A
- 52332N - SH-3A
- 52341N - P-3A, SP-2H
- 52371N - HH-1K
- 52379N - A-41, C-118B, HH-3A
- 58171N - C-131F, U-11A, US-2AB, TA-4J, T-39D, TA-3B.

Note: Program Element 58171N was identified in Appendix I as a "Support" program element. However, the aircraft within PE 58171N can be costed in the same manner as other Naval Reserve aircraft.

Reserve aircraft direct operating costs can be calculated by the same NARM methodology used for calculating active aircraft direct operating costs, with the exceptions that there are both MPN and RPN manpower costs, and O&MNR funds are used rather than O&MN funds for all O&M costs other than those attributable to "Component Reworks". O&MN resources fund reserve aircraft component reworks in addition to active aircraft component reworks. Figure 2 diagrams the direct operating costs of reserve aircraft.

Equations for deriving aircraft direct costs are available in the draft copy of the "FLAIL User's Guide". Input data are available in the Universal Data, RDATA and WDATA files.

Naval Air Reserve Squadron SRUs. Naval Air Reserve squadron SRUs create a special situation. The direct costs of squadron SRUs include aircraft operating and maintenance costs as well as personnel and training active duty (TAD) costs. The aircraft involved are assigned to CRUs. However, SRUs exist to fill shortages in active squadrons. The direct costs of the SRUs are, therefore, properly funded by Reserve appropriations, but attributed to active aircraft rather than to CRU aircraft. This is so, despite the fact that SRU pilots fly CRU aircraft and not active aircraft.

Squadron SRU direct personnel costs, TAD costs, and the operating and maintenance costs that are driven by flight hours are attributed to the SRU and costs to active aircraft. Aircraft overhauls and PAR are not flight hour driven and are considered to be not applicable as SRU costs.

<u>Column I</u>	<u>Column II</u>	<u>Column III</u>	<u>Column IV</u>
-- Dir MPN	} -- Total Dir Milpers MPN + RPN	} -- Total Dir Milpers MPN + RPN	} -- Total Dir Costs
-- Dir RPN			
-- Repl. Spares APN	} -- Total Repl. Spares APN	} -- Total Repl. Spares APN	
-- Flt. Ops POL O&MNR			
-- Flt. Ops Other O&MNR	} -- Total Acft Ops O&MNR	} -- Total Dir O&MNR	
-- Engine O&MNR			
-- Components Rwk O&MNR	} -- Total Acft Rework O&MNR		
-- Airframe OVHL or PAR O&MNR			
-- Air TAD O&MNR	} -- Total Air TAD O&MNR		

FIGURE 2. RESERVE AIRCRAFT DIRECT OPERATING COSTS

The methodology for estimating the direct costs of a squadron SRU begins by considering an SRU to be the equivalent of one unit equipment (i.e., similar to one (1) A4). Given the cost of one (1) A4 SRU, the cost of all squadron SRUs (with the same type aircraft) is equal to:

$$(\text{Cost of One (1) Type-SRU}) \times \text{Number of SRUs} = \text{Total Cost of Type-SRUs}$$

Using the total direct costs of all A4 SRUs as an example, the direct costs attributable to a single active A4 (UE) are determined as follows:

$$\frac{(\text{Total Costs All A4 SRUs})}{(\text{Active A4 Average End-Strength})} = \text{SRU Costs Per Active A4 (UE)}$$

The direct costs of one (1) SRU are determined according to the following methodology:

$$\text{Pers Costs} + \text{TAD Costs} + \left[\frac{(\text{Avg SRU Flt Hrs/Year})}{(\text{Avg SRU} + \text{Avg CRU Flt Hrs/Year})} \times \text{Flt Time Driven Costs} \right] = \text{Dir Costs}$$

Where: (1) Personnel costs are determined by existing methodology and the RPN model

(2) Flight hour driven costs are:

- Replenishment Spares APN
- Flight OPS POL O&MNR
- Flight OPS Other O&MNR
- Engine OVHL O&MNR
- Components Rework O&MN

(3) Airframe OVHL or PAR costs are considered not applicable.

The SRU costs per active UE could be listed after the active UE since the SRUs are costed to the active squadrons. If it is more desirable to list SRUs with other Program 5 NARM factors, then the SRU costs could be listed after the appropriate UE in Program 5.

It is important to note that RPN, O&MNR, APN and O&MN resources are allocated for squadron SRUs and that such resources are part of the respective budgets. The dollars are required, but the requirements exist because of active force shortages rather than squadron CRU requirements.

Project Results. The direct costs of Naval Reserve aircraft are estimated by combining the existing NARM methodology with the RPN model developed as part of this project. Addition of the RPN model increases the accuracy of cost estimation. Since squadron SRUs are costed to active rather than reserve aircraft, the suggested procedure for listing SRU direct costs will identify both the resources required for an SRU (for planning purposes) and the costs which are attributable to an active rather than a reserve UE.

Direct Costs of CRUs Other Than Those Associated with Ships or Aircraft

Within the Naval Reserve, there are 33 CRU types that are not associated with ships or aircraft. They are included in 19 program elements. Table 1 lists the program elements, the CRU types associated with each program element, and the resources supporting the CRU type.

Summary of Resources Allocated to "Other" CRU Types.

"Other" CRU types with RPN only	27
"Other" CRU types with RPN and MPN only	2
"Other" CRU types with MPN only	1
"Other" CRU types with RPN/MPN and other resources	2
CRU types not considered further (Ferro-Cement Boat Center)	1
Total CRU Types	33

Direct Costs of CRU Types with RPN and/or MPN Resources Only. The direct costs of the 30 CRU types in this category are estimated by using existing NARM methodology for MPN costs, and the RPN model developed as part of this project for RPN costs.

Direct Costs of CRU Types with RPN/MPN and Other Resources. The two (2) CRU types in this category and the resources allocated to them are:

<u>PE</u>	<u>CRU Types</u>	<u>Resources</u>
52372N	NRMIUW	RPN, O&MNR, OPN
52384N	Mobile Construction Battalions	RPN, O&MNR

Direct RPN costs can be calculated by the RPN model, and OPN resources are properly thruputed. The O&MNR costs cannot be accurately estimated until there is a further definition of training goals and the operating tempo necessary to accomplish them. The equipment available to any one CRU must also be standardized to provide a basis for estimating costs. O&MNR costs for these CRUs should also be thruputed.

CRU Types with Potential O&MNR Direct Costs. The following CRU types are currently supported by RPN resources only but will, no doubt, incur O&MNR direct costs in the near future:

<u>PE</u>	<u>CRU Type</u>
52373N	UDT
52380N	Cargo Handling Battalions

Equipment, training goals, and resultant operating tempos for these CRU types will determine the necessary O&MNR funds required. Such funds will defray direct costs and should be thruputed until equipment and operating tempos are standardized.

TABLE 1
CRU TYPES NOT ASSOCIATED WITH SHIPS OR AIRCRAFT

<u>PE</u>	<u>CRU Types</u>	<u>Resources</u>
52368N	TACRONS PGMU	RPN RPN
52371N	COMCOSRIVDIV HA (L) Sqds.	RPN ^{1/} RPN ^{1/}
52372N	NRMUW	RPN, O&MNR, OPN
52373N	UDT	RPN
52375N	Mil. Depts. on Civ. Manned URS	RPN
52378N	Mil. Depts. on Civ. Manned URS	RPN
52380N	Cargo Handling Batt.	RPN
52384N	Mobile Const. batt. Nav. Const. Brig. Staff Nav. Const. Reg. Staff 21st NCR	RPN, O&MNR RPN RPN RPN
52413N	Underway Training Flt. Training Group	RPN RPN
52421N	Convoy Commodore R/V Convoy Commodore Naval Control of Shipping Office Naval Control of Shipping Liaison Office	RPN RPN RPN RPN
52422N	Nav. Res. CARAIRWING Cmdr. and Staffs	RPN, MPN
52424N	Nav. Res. CARASHGRP Cmdr. and Staffs	MPN
52425N	Nav. Res. DD Sqd. Cmdr. and Staffs Nav. Res. Mine Div. Cmdr. and Staffs	RPN, MPN RPN
54302N	Transportation Unit	RPN
54316N	Mil. Sealift Command Office MSC Command	RPN RPN
57243N	Advanced Supply Base Land and Air Cargo Terminal Ship Maintenance and Repair Ferro-Cement Boat Center	RPN RPN RPN RPN, MPN, O&MNR ^{2/}
58136N	Preventive Maintenance Units	RPN
58167N	Pers. Mobilization Dets.	RPN
59519N	Fleet Information Office	RPN

^{1/} HA (L) squadron CRUs have only RPN resources at present but are scheduled to receive HH-1K aircraft. These aircraft, when received, can be costed like other Naval Reserve aircraft.

^{2/} Information provided to ORI indicates that the Ferro-Cement Boat Center CRUs will be dis-established. These CRUs will not be considered further.

Project Results. The analyses conducted as part of this project reveal that the direct costs of almost all of the CRU types not associated with ships or aircraft are personnel costs only. They can be estimated through existing NARM methodology and the RPN model developed as part of this project. O&MNR resources supporting NRMIUW and Mobile Construction Battalion CRUs, and the projected O&MNR requirements for UDT and Cargo Handling Battalions, should be thruputted until equipment, training goals and operating tempos are defined.

TOTAL DIRECT PERSONNEL COSTS

The capability to estimate the total direct personnel costs of the Naval Reserve can be useful for planning, programming and budgeting purposes. The RPN model developed as part of this project, provides this capability as well as the capability to estimate direct RPN costs by program element or by basic unit type (CRU, SRU, ORU, or IRU). The dual capability facilitates evaluation of alternative programs, force composition and unit manning levels.

III. THE RPN MODEL

BACKGROUND

The annual cost of the average Naval Reservist has been difficult to assess in the past. Though the composition of the Reserve Personnel, Navy (RPN) appropriation and the characteristics of Reserve affiliation are not difficult to address, they are significantly different from active Navy, and have therefore remained less understood. For most planning purposes, the average annual active officer and enlisted cost can be handled with one pay factor each. Such is severely inadequate in the Reserves, primarily for the different drill schedules available and the expected attendance. Affiliation can be with units which meet 24, 48, 60, 84, or 120 times per year, each clearly receiving a different annual pay rate. Further, it is known historically that Reservists do not attend 100 percent of the drills, and that the absenteeism is not of a uniform rate throughout the drill programs. Since Reservists do not receive pay for missed drills, the average annual salary in each drill category is reduced by this predictable percentage.

With the Total Force being the subject of increased study at present, there is an increasing demand for a maximum personnel cost-effectiveness. One approach is to analyze the placement of personnel, another is to scrutinize the way Reservists are paid. By investigating alternative aspects of their pay (e.g., number of drills, duration of active duty for training (AcDuTra), travel funds, promotion rates, or officer/enlisted ratio), new efficiencies may become apparent. The requirement for the capability for creating such "what if" budgets is clear to manpower analysts and managers alike.

The RPN model designed for this study fulfills these requirements: generation of 10 pay factors for the direct costs of the officers and enlisted members of the five drill programs, two indirect cost factors, and a computer-prepared budget which permits the changing of any of the inputs generating these rates.

FEATURES OF THE RPN MODEL

The purpose of the model is to generate average Naval Reserve officer and enlisted annual pay rates. Costing factors presently available, such as for the FYDP and DNFYP, presume a homogeneity among drill patterns that does not exist, a point discussed in more detail later. The RPN model accounts for this by producing not only 10 direct pay factors instead of the typical two, but an additional two factors for determining indirect costs.

In addition to generating the 12 averages the model calculates averages for the component parts of each factor (e.g., the average Pay Group A officer AcDuTra cost, or the average enlisted Pay Group B clothing allowance) giving a "below-the-surface" look at the gross pay rates.

Since the model calculates the pay factors from "nuts and bolts" data, any of the ingredients may be changed by the analyst, manager, or planner to see the effect of any individual annual pay rate, as well as which ingredients are affected. The factors may be multiplied by the total Reserve strength to see the impact on the entire RPN budget.

INTRODUCTION TO RPN

The RPN appropriation is divided into two portions: (1) Budget Program 1— Reserve Component Personnel, and (2) Budget Program 2— Reserve Officer Candidates. Only Budget Program 1 is appropriate for costing a drilling Reservist, and is therefore the only portion modeled.

Several introductory remarks will facilitate understanding the Naval Reserves and their model:

- Drill and active duty for training requirements are summarized in Table 2.
- Reservists draw full pay and allowances during their periods of AcDuTra; but only basic pay, flight pay, and in some cases enlisted subsistence, during drill periods.
- Direct costs are those monies actually received by the Reservists, while the indirect costs are those behind-the-scene expenses which support the program in general (see Table 3).
- Pay Group D consists of 2,800 officer and 100 enlisted Reservists, spread rather uniformly throughout the Reserve structure, rather than having been formed into units unto themselves. Their costs (one percent of Budget Program 1) are spread across the population, also, considering them to be entirely officer expenses.

TABLE 2
PARTICIPATION REQUIREMENTS AND PERSONNEL DISTRIBUTION BY PAY GROUP

PAY GROUP	ANNUAL NUMBER OF INACTIVE DUTY REGULAR	PERIODS OF TRAINING ADDITIONAL	ACDUTRA REQUIREMENT	RESERVE STATUS	FY76 END-STRENGTH	
					OFFICER	ENLISTED
A	48	0	14	Selected	8,766	71,486
A	48	12	14	Selected	556	10,294
A	48	36	14	Selected	1,052	2,808
A	48	72	14	Selected	1,364	1,120
B	24	0	14	Selected	7,474	3,394
D	0	0	14	Ready	2,800	100
F	0	0	4 months initial AcDuTra	Selected	0	876

TABLE 3
COMPOSITION OF RPN COST FACTORS

DIRECT COSTS - 10 Factors

- Drill and AcDuTra pay and allowances
 - . Basic pay
 - . BAS
 - . BAQ
 - . Incentive pay
 - . Command pay
 - . Sea pay
 - . FICA
- Clothing allowance and uniform gratuities
- Enlisted subsistence
- Travel and per diem for AcDuTra
- Reimbursable expenses
- Distribution of Pay Group D costs

INDIRECT COSTS - 2 Factors

- Administration and support
- School training
- Special training
- Pay Group F pay and allowances

INPUTS TO THE MODEL

Table 4 lists the categories of the inputs for the model and the source of each. Some of these funds are lump-sum inputs. The figures are considered in this manner because: (1) most "what if" budgets would handle them as lump-sum anyway, and (2) the multi-source and tedious collection of data would overtax the updater of the model and be counterproductive. It should be noted that FY 76 is a period of possible transition of some or all budgetary functions from Pers 312 to OP-92 or Chief of Naval Reserve, and must be considered when the model is updated. Manpower management, however, will probably remain in Pers R and OP-09R.

Appendix A is a copy of the three data pages of the RPN model, showing in more detail the inputs actually utilized. Each time the model is updated, every one of these inputs must be accounted for. Most of the entries are self-explanatory, however, a few comments would be in order:

- All decimals are rounded to two places, except FICA which is to four.
- Active officer and enlisted pay factors are not used in the model, but are included only for completeness in total force personnel costing.
- All basic pay, BAQ, and incentive pay are daily factors (i.e., monthly rate from pay charts divided by 30 days).
- All lump-sum inputs are annual rates.
- Table 5 explains the meaning of the pay rate columnar headings, using officers as the example.

As itemized on pages A-2 and A-3, basic pay and each type of allowance consists of a series of pay factors; one for each rank or pay grade. These factors are the monthly rates obtained from the standard pay charts and divided by 30 days. Basic pay and air incentive pay (flight pay) have one further complication, however, because these rates increase not only by rank but also by longevity; e.g., a LCDR with eight years of service receives \$1,234.90 basic pay and \$195.00 flight pay per month, while a LCDR with 12 years receives \$1,405.80 basic pay and \$215.00 flight pay. If the input to the model consisted of each enlisted, warrant, and officer pay grade, and the six to ten longevity increases each, the model would be handling close to 200 basic and flight pay rates! Furthermore, to apply these rates, the model would require a similar breakdown of the reserve personnel as input. Such fine detail is obviated in the model by other assumptions and averaging discussed in this chapter. Instead, the model uses an average longevity for each pay grade, which in turn provides an average pay rate.

The calculation of these average longevity is developed manually from two computer printouts: BUPERS-PAMICONUS-1080-1180 (RESERVE OFFICER PEBD TAB) and BUPERS-PAMICONUS-1080-1489 (INACTIVE ENLISTED PEBD STATISTICS BY PAY GRADE AND MONTH INCREMENT). PAMICONUS updates the reports quarterly and releases them through BuPers (Pers 3621) as the #3Q Report. Later in FY 76, PAMICONUS expects to automate the calculation of the longevity averages and incorporate them into the standard #3Q Report.

TABLE 4
CATEGORIES OF INPUTS AND THEIR SOURCES

<u>INPUT</u>	<u>SOURCE</u>
Manpower figures	
• Total numbers	Pers R/NRPC
• Pay group assignments	Pers R/NRPC
• Numbers by rank/pay grade	Pers R/NRPC
• Incentive pay entitlements	Pers R/NRPC
• Special pay entitlements	Pers R/NRPC
• Flight pay entitlements	Pers R/NRPC
Drill and AcDuTra participation rates	Pers R/NRPC
Pay entry base date reports	Pers 3621
Pay and allowances rates	Pers 223
Lump-sum inputs	
• Command pay entitlements	Pers R/NRPC
• Clothing allowances	Pers R/NRPC
• AcDuTra travel costs	Pers 312
• Enlisted Pay Group D costs	Pers 312
• School training costs	Pers 312
• Special training costs	Pers 312
• Administration and support costs	Pers 312
• Pay Group F costs	Pers 312

TABLE 5
COLUMNAR HEADINGS OF THE RPN MODEL

48DRILL		+12		+36		+72		24DR	GRP D
GROSS NO.	ACDUTRA	GROSS AIR INCEN	GROSS SURF INCEN	GROSS NO.	GROSS NO.	GROSS NO.	GROSS NO.	GROSS NO.	GROSS NO.
Number assigned to pay group A	Number drawing flight pay on AcDuTra	Number drawing incentive pay for InAcDuTra	Number drawing incentive pay for AcDuTra	Number entitled to 12 additional drills	Number entitled to 36 additional drills	Number entitled to 72 additional drills	Number drawing incentive pay for 72 additional drills	Number assigned to pay group B	Number assigned to pay group D

APPLICATIONS OF THE MODEL

During the analysis of proposed policy changes, considerations of retention, readiness, and hardware trade-offs are on an equal footing with funding: How many more Reservists could we have if additional personnel were transferred to Pay Group B from Pay Group A? If the payment of full allowances during drills were a possible incentive for Reserve affiliation or retention, what would it cost? What are the savings to be accrued if promotions and advancements were slowed? Questions such as these which involve the cost impact of a policy change can be readily answered by running the model after changing the pertinent inputs. Table 6 lists the parameters which the user can change in order to generate such "what if" budgets.

There is, in addition, a requirement to know the actual current total operating cost of reserve units, particularly the ship and aircraft CRUs. To address this need, OPNAV (OP-901) maintains the Navy Resource Model (NARM), a series of computer programs which generates, in part, a tabulation of such reserve and active costs in a manual called the Navy Program Factor Book (OPNAV-90P-02). This valuable tool models the applicable funding from four appropriations: Operations and Maintenance, Navy (O&MN), Operations and Maintenance, Naval Reserve (O&MNR), Aircraft Procurement, Navy (APN), and Military Personnel, Navy (MPN); but totally excludes any Reserve Personnel, Navy (RPN) input. For this reason, the design of the RPN model's inputs, algorithms, and outputs is intentionally consistent with the NARM's program. Not only can these two major costing models (NARM and RPN) be updated, improved, and published by the same managers; but they can be consolidated into one volume which accurately states the total annual operating costs for both active and reserve hardware units. OP-901 has agreed to accept this responsibility.

DISPLAYS OF OUTPUT

Appendices B and C consist of two computer printouts developed by ORI which format Reserve manpower and RPN costs by type of unit (CRU, SRU, ORU, IRU) and program element. Appendix B organizes the data by Defense Planning and Programming Category (DPPC), and Appendix C by Naval Reserve Program. These tabulations are calculated by multiplying FY 76 manning figures by the appropriate pay rates generated by the RPN model. Whether based on actual or "what if" data, the detailed profile of where the men and money are invested is a new and valuable capability.

Table 7 is a suggested modification of the 1 July 1975 summary pages of the Navy Program Factor Book to include the RPN cost of each reserve ship and aircraft. The active figures are taken directly from the Factor Book, and the reserve ones are calculated from the printout in Appendix B. Page B-8 provides the A-7 costs and manpower, and page B-20 the destroyer ones. Each of these figures is divided by the number of ships or aircraft assigned to that program element (i.e., 48 A-7's and 28 Destroyers - FRAM I Class) to arrive at an average allowance and cost for inclusion in Table 7.

TABLE 6
PARAMETERS WHICH THE USER CAN ALTER

Total population

Officer/enlisted mix

Distribution of personnel to different pay groups

Average longevity of personnel in each pay grade

Distribution of personnel to different pay grades

Pay rates for (including entitlement to):

- Basic pay
- FICA
- BAS
- BAQ with dependents
- BAQ without dependents
- Incentive pay (flight pay)
- Special pay (sea pay and medical pay)

Number of days of AcDuTra required for each pay group

Number of paid drills required for each pay group

Number of paid additional drills

Participation rate for AcDuTra for each pay group

Participation rate for drills - regular and additional

Command pay qualification and pay rates

Lump-sum inputs:

- Clothing and uniform allowance by pay group
- Travel for AcDuTra by pay group
- Enlisted subsistence by pay group
- School training
- Special training
- Administration and support
- Pay Group F costs

TABLE 7
SUMMARY OF TOTAL ANNUAL OPERATING COSTS*

	TOTAL OPERATE	TOTAL OPERATE O&M	TOTAL OPERATE MPN	TOTAL OPERATE RPN	OPERATE OFFICER ACTIVE	OPERATE ENLISTED ACTIVE	OPERATE OFFICER RESERVE	OPERATE ENLISTED RESERVE	ANNUAL REPLEN SPARES APN
52350N Destroyers Non-Missile CINCLANTFLT DD FRAM I CLASS	6375	3800	2397	178	16.75	219.89	7.00	1.2.0	--
52313N A-7 Squadrons CNR A-/E	512	392	93	27	.51	8.83	1.67	13.0	65

* Annual dollars in thousands; all people are actuals.

Besides itemizing the input required by the model, Appendix A (page A-4) breaks down each of the ten direct pay factors into their component rates, providing greater insight into the average costs of reserve personnel. It should be noted that the InAcDuTra costs displayed for officer and enlisted additional drills (60, 84, and 120) are additive to their regular drill (48) costs; e.g., 84-drill officer InAcDuTra costs = \$2,217.20 (48 drills) = \$1,061.11 (84 drills) = \$3,278.31. Though the cost of \$1,061.11 appears as the factor for their drills, the full \$3,278.31 is included in the total factor of \$4,469.67. It is stated in this manner to highlight the fact that the variation among the pay group A units lies in the cost and participation rate of the additional drills, and to clearly quantify the differences.

METHODOLOGY OF CALCULATION

Table 8 gives an overview of the calculation of each of the officer and enlisted pay factors. The calculation of each element in these numerators is then shown in detail in Table 9. Each of the RPN cost elements is actually the sum of the costs of each pay grade calculated separately, as illustrated with the officer basic pay for AcDuTra in Figure 3. This method, in contrast to applying one average officer rate to the aggregate population, permits greater refinement in developing the average, since it accounts for the unique pay grade distribution of each community being costed.

<u>Rank</u>	<u>Number of 48 Drillers</u>	X	<u>AcDuTra Participation</u>	X	<u>Basic Pay Rate</u>	X	<u>AcDuTra Days</u>	=	<u>Total Basic Pay</u>
ADM	1		96.30		96.94		15.60		1,426.57
CAPT	132		96.30		74.01		15.60		146,762.54
CDR	675		96.30		59.63		15.60		604,671.46
LCDR	2,952		96.30		47.22		15.60		2,094,079.77
LT	3,791		96.30		39.65		15.60		2,258,124.39
LTJG	404		96.30		32.97		15.60		24,094.77
ENS	114		96.30		26.24		15.60		44,938.60
WO	697		96.30		37.24		15.60		389,936.00
									<u>5,564,034.10</u>

FIGURE 3. DETAIL OF COST ELEMENT CALCULATION

TABLE 8

CALCULATION OF RPN DIRECT COST FACTORS

OFFICER FACTORS

$$\bullet \text{ AVERAGE PAY GROUP A OFFICER (48 DRILLS) =}$$

$$\frac{\text{ACDUTRA COSTS} + \text{INACDUTRA COSTS} + \text{CLOTHING ALLOWANCE} + \text{ACDUTRA TRAVEL}}{\text{NUMBER OF OFFICERS IN PAY GROUP A}} + \text{PAY GROUP D AVERAGE}$$

$$\bullet \text{ AVERAGE PAY GROUP A OFFICER (60 DRILLS) =}$$

$$48\text{-DRILL AVERAGE} + \frac{\text{INACDUTRA COSTS}}{\text{NUMBER OF OFFICERS IN 12-ADDITIONAL DRILL PROGRAM}}$$

$$\bullet \text{ AVERAGE PAY GROUP A OFFICER (84 DRILLS) =}$$

$$48\text{-DRILL AVERAGE} + \frac{\text{INACDUTRA COSTS}}{\text{NUMBER OF OFFICERS IN 36-ADDITIONAL DRILL PROGRAM}}$$

$$\bullet \text{ AVERAGE PAY GROUP A OFFICER (120 DRILLS) =}$$

$$48\text{-DRILL AVERAGE} + \frac{\text{INACDUTRA COSTS}}{\text{NUMBER OF OFFICERS IN 72-ADDITIONAL DRILL PROGRAM}}$$

$$\bullet \text{ AVERAGE PAY GROUP B OFFICER (24 DRILLS) =}$$

$$\frac{\text{ACDUTRA COSTS} + \text{INACDUTRA COSTS} + \text{CLOTHING ALLOWANCE} + \text{ACDUTRA TRAVEL}}{\text{NUMBER OF OFFICERS IN PAY GROUP B}} + \text{PAY GROUP D AVERAGE}$$

$$\bullet \text{ AVERAGE PAY GROUP D COSTS =}$$

$$\text{OFFICER: } \frac{\text{ACDUTRA COSTS} + \text{CLOTHING ALLOWANCE} + \text{ENLISTED: ACDUTRA COSTS} + \text{CLOTHING ALLOWANCE}}{\text{NUMBER OF OFFICERS IN PAY GROUP A} + \text{PAY GROUP B}}$$

TABLE 8 (Cont.)

ENLISTED FACTORS

- AVERAGE PAY GROUP A ENLISTED (48 DRILLS) =

$$\frac{\text{ACDUTRA COSTS} + \text{INACDUTRA COSTS} + \text{CLOTHING ALLOWANCE} + \text{ACDUTRA TRAVEL} + \text{SUBSISTENCE}}{\text{NUMBER OF ENLISTED IN PAY GROUP A}}$$

- AVERAGE PAY GROUP A ENLISTED (60 DRILLS) =

$$48\text{-DRILL AVERAGE} + \frac{\text{INACDUTRA COSTS}}{\text{NUMBER OF ENLISTED IN 12-ADDITIONAL DRILL PROGRAM}}$$

- AVERAGE PAY GROUP A ENLISTED (84 DRILLS) =

$$48\text{-DRILL AVERAGE} + \frac{\text{INACDUTRA COSTS}}{\text{NUMBER OF ENLISTED IN 36-ADDITIONAL DRILL PROGRAM}}$$

- AVERAGE PAY GROUP A ENLISTED (120 DRILLS) =

$$48\text{-DRILL AVERAGE} + \frac{\text{INACDUTRA COSTS}}{\text{NUMBER OF ENLISTED IN 72-ADDITIONAL DRILL PROGRAM}}$$

- AVERAGE PAY GROUP B ENLISTED (24 DRILLS) =

$$\frac{\text{ACDUTRA COSTS} + \text{INACDUTRA COSTS} + \text{CLOTHING ALLOWANCE} + \text{ACDUTRA TRAVEL} + \text{SUBSISTENCE}}{\text{NUMBER OF ENLISTED IN PAY GROUP B}}$$

- AVERAGE PAY GROUP D ENLISTED =

LUMP-SUM INPUT (ADDED TO PAY GROUP D OFFICER COSTS)

- AVERAGE PAY GROUP F =

$$\frac{\text{LUMP-SUM INPUT}}{\text{NUMBER OF ENLISTED IN PAY GROUP F}}$$

TABLE 9
CALCULATION OF RPN DIRECT COST ELEMENTS

OFFICERS

ACDUTRA

BASIC = # of 48 drillers x ACDUTRA participation % x basic pay rates x ACDUTRA days

FICA = # of 48 drillers x ACDUTRA participation % x basic pay rates x ACDUTRA days x FICA rate

BASIC ALLOWANCE FOR SUBSISTENCE =
of 48 drillers x ACDUTRA participation % x # of ACDUTRA days x BAS daily rate

BASIC ALLOWANCE FOR QUARTERS (with dependents) =
of 48 drillers x ACDUTRA participation % x BAQ w/dep daily rate x % w/dep x # of ACDUTRA days

BASIC ALLOWANCE FOR QUARTERS (without dependents) =
of 48 drillers x (ACDUTRA participation % - ACDUTRA participation % x % w/dep) x w/o dep daily rate x # of ACDUTRA days

FLIGHT PAY =
drawing pay x flight pay rates x # of ACDUTRA days

INCENTIVE/SPECIAL PAY =
drawing pay x incentive pay rates x # of ACDUTRA days

INACDUTRA (REGULAR DRILLS)

BASIC = # of 48 drillers x drill participation % x # of drill days x basic pay rates

FLIGHT PAY =
drawing pay x flight pay rates x # of drill days

COMMAND PAY =
of units in size category x command pay rate

TABLE 9 (Cont)

OFFICERS (CONT)

CLOTHING ALLOWANCE =
Lump-sum input

ACDUTRA TRAVEL =
Lump-sum input

INACDUTRA (12 ADDITIONAL DRILLS)

BASIC =
of 60 drillers x drill participation % x # of additional drills x basic pay rates

INACDUTRA (36 AND 72 ADDITIONAL DRILLS)

BASIC =
of 36 (or 72) drillers x drill participation % x # of additional drills x basic pay rates

FLIGHT PAY =
drawing pay x flight pay rates x # of drill days

ENLISTED

ACDUTRA

BASIC =
of 48 drillers x ACDUTRA participation % x basic pay rates x ACDUTRA days

FICA =
of 48 drillers x ACDUTRA participation % x basic pay rates x ACDUTRA days x FICA rate

ENLISTED SUBSISTENCE =
Lump-sum input

BASIC ALLOWANCE FOR QUARTERS (with dependents) =
of 48 drillers x ACDUTRA participation % x BAQ w/dep daily rate x % w/dep x # of ACDUTRA days

TABLE 9 (Cont)

ENLISTED (CONT)

BASIC ALLOWANCE FOR QUARTERS (without dependents) =
Unfunded in RPN budget

FLIGHT PAY =
drawing pay x flight pay rates x # of ACDUTRA days

INCENTIVE/SPECIAL PAY =
drawing pay x incentive pay rates x # of ACDUTRA days

INACDUTRA (REGULAR DRILLS)

BASIC =
of 48 drillers x drill participation % x # of drill days x basic pay rates

FLIGHT PAY =
drawing pay x flight pay rates x # of drill days

INACDUTRA (12 ADDITIONAL DRILLS)

BASIC =
of 60 drillers x drill participation % x # of additional drills x basic pay rates

INACDUTRA (36 AND 72 ADDITIONAL DRILLS)

BASIC =
of 36 (or 72) drillers x drill participation % x # of additional drills x basic pay rates

FLIGHT PAY =
drawing pay x flight pay rates x # of drill days

CLOTHING ALLOWANCE =
Lump-sum input

ACDUTRA TRAVEL =
Lump-sum input

The grand total of \$5,564,034.10 is, therefore, the amount paid to all officers as basic pay for performing 15.6 days of AcDuTra. The equation in Table 8 goes on to show that this figure would then be divided by the number of officers in the 48-drill status, which in the example would give \$634.73— the average basic pay rate. The other elements of the entitlements would be calculated similarly and added to the \$634.73 to equal \$879.66— the average payment to a 48-drill officer for performing AcDuTra.

INDIRECT COST FACTORS

Indirect costs in the RPN appropriation are those expenses arising from support requirements. The funds are aggregated into the budget activities discussed below and are distributed across the Naval Reserve population as shown in Table 10.

Administration and Support

- This budget activity covers the cost of pay, allowances, and PCS travel for Naval Reserve officers on active duty. Currently numbering 206, these TARs are paid from RPN, not MPN as are all the rest. The use of these benefits cannot be attributed to one category of Reservist more than another and are, therefore, spread evenly to officer and enlisted alike. Since these costs amount to about 95 percent of administration and support, the entire budget activity is handled, for simplicity, in the same manner.
- Death gratuities for Reservists who die during drills or AcDuTra are provided here also.
- Disability and hospitalization benefits are provided for Reserve personnel suffering injury or disease during drills or AcDuTra.

School Training

- The funds in this budget activity consist of pay and allowances for personnel attending selected school training other than drill or AcDuTra programs.
- Since these costs are easily identified as officer or enlisted, the model reflects the distribution in the factors.

Special Training

- These funds consist of pay and allowances for personnel participating in specific training programs and in certain BuPers and DoD projects.
- Separate officer and enlisted factors are developed by the model for the reasons above.

TABLE 10
CALCULATION OF RPN INDIRECT COST FACTORS

OFFICER FACTOR =

$$\frac{\text{ADMINISTRATION AND SUPPORT}}{\text{TOTAL OFFICERS AND ENLISTED PAY GROUPS A AND B}} + \frac{\text{SCHOOL TRAINING OFFICER COSTS + SPECIAL TRAINING OFFICER COSTS}}{\text{TOTAL OFFICERS PAY GROUPS A AND B}}$$

ENLISTED FACTOR =

$$\frac{\text{ADMINISTRATION AND SUPPORT}}{\text{TOTAL OFFICERS AND ENLISTED PAY GROUPS A AND B}} + \frac{\text{SCHOOL TRAINING ENLISTED COSTS + SPECIAL TRAINING ENLISTED COSTS + PAY GROUP F COSTS}}{\text{TOTAL ENLISTED PAY GROUPS A AND B}}$$

Pay Group F

- This budget activity provides for the total personnel cost of non-prior service Reservists fulfilling their four-to-ten-month initial active duty requirement.
- The costs of these personnel are entirely enlisted and are, therefore, not distributed by the model to the officer factors.

PROGRAM DOCUMENTATION

The Naval Reserve Resource Model (NRRM) consists of two separate programs, each generating a similar report but with different data groupings and in different sequences. Program 1 is sequenced in the following order:

1. Defense Planning and Programming Category (DPPC)
2. Defense Planning and Programming Sub-category 1
3. Defense Planning and Programming Sub-category 2
4. Program Element Number
5. Basic Unit Type.

Program 2 is sequenced in the following order:

1. Naval Reserve Program
2. Functional Group Number
3. Program Element Number
4. Basic Unit Type.

Both reports group data by active Navy officers/enlisted, reserve Navy officers/enlisted, and civilian employees. The reserve Navy is further broken down by drill type (i.e., drill days 120, 84, 60, 48, 24). Number of people and costs for all of the above breakdowns are shown on the reports.

Figure 4 shows the computer configuration for running Program 1. Program 1, consisting of a main program and three subroutines, is shown in Appendix D.

Cost data are described earlier in Section III of this report.

Defense Planning and Programming Category (DPPC), DPPC Sub-category 1, and DPPC Sub-category 2 data are shown in Figures 5 through 7.

Program element numbers and their titles are shown in Appendix E.

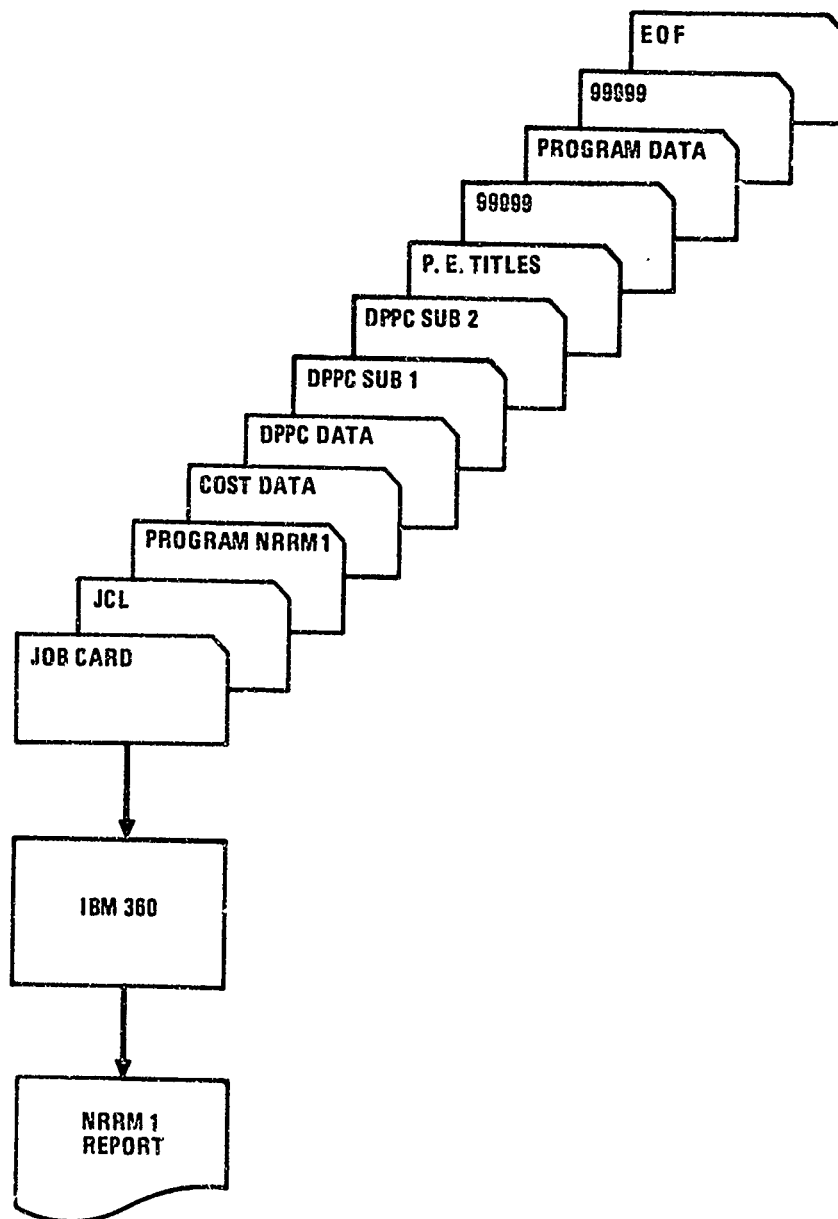


FIGURE 4. COMPUTER CONFIGURATION FOR PROGRAM 1

- 1 STRATEGIC FORCES
- 2 GENERAL PURPOSE FORCES
- 3 AUXILIARY FORCES
- 4 MISSION SUPPORT FORCES
- 5 CENTRAL SUPPORT FORCES
- 6 INDIVIDUALS
- 7 MISCELLANEOUS TESTS

FIGURE 5. DPPC DATA

1	STRATEGIC OFFENSIVE FORCES
2	STRATEGIC DEFENSIVE FORCES
3	STRATEGIC CONTROL AND SURVEILLANCE FORCES
4	LAND FORCES
5	TACTICAL AIR FORCES
6	NAVAL FORCES
7	MOBILITY FORCES
8	INTELLIGENCE AND SECURITY
9	CENTRALLY MANAGED COMMUNICATIONS
10	RESEARCH AND DEVELOPMENT
11	SUPPORT TO OTHER AGENCIES
12	GEOGRAPHICAL ACTIVITIES
13	RESERVE COMPONENTS SUPPORT
14	BASE OPERATING SUPPORT
15	FORCE SUPPORT TRAINING
16	COMMAND
17	MEDICAL SUPPORT
18	PERSONNEL SUPPORT
19	INDIVIDUAL TRAINING
20	LOGISTICS
21	FEDERAL AGENCY SUPPORT
22	TRANSIENTS
23	PATIENTS AND PRISONERS
24	TRAINEES STUDENTS AND CADETS
25	RETIRED PAY
26	UNDISTRIBUTED CONTINGENCIES
27	CONSOLIDATED TELECOMMUNICATIONS PROGRAM

FIGURE 6. DPPC SUB-CATEGORY 1 DATA

0	
1	DIVISION FORCES
2	SPECIAL MISSION FORCES
3	ASW AND FLEET AIR OFFENSE FORCES
4	AMPHIBIOUS FORCES
5	NAVAL SUPPORT FORCES
6	MILITARY ASSISTANCE PROGRAM AND FOREIGN CREDIT SALES
7	MILITARY ASSISTANCE SERVICE FUNDED
8	PROCUREMENT OF ALLIES' WAR RESERVE STOCKS
9	SUPPLY OPERATIONS
10	MAINTENANCE OPERATIONS
11	LOGISTICS SUPPORT OPERATIONS
12	CONSOLIDATED TELECOMMUNICATIONS PROGRAM

FIGURE 7. DPPC SUB-CATEGORY 2 DATA

Program data is shown in Appendix F. The format of the program data is given below:

<u>Column</u>	<u>Description</u>
01-02	Naval Reserve Program
03	Functional Group Number
04	Basic Unit Type
05-07	Number of Units
08-27	Unit Description
28-31	Number of Reserve Officers Authorized
32	Type of Drill Category (officers)
33-36	Number of Reserve Enlisted Authorized
37	Type of Drill Category (enlisted)
38-41	Active Officers Authorized
42-44	Active Enlisted Authorized
45	DPPC
46-47	DPPC Sub-category 1
48-49	DPPC Sub-category 2
50	Type of Activity Augmented on Mobilization
51	Type of CRU, e.g., ship, air, combat support
52-74	Blank
75-80	Program Element Number.

Figure 8 shows the computer configuration for running Program 2. Program 2, consisting of a main program and three subroutines, is shown in Appendix G.

The Line Description Data is shown in Figure 9 and the Program Description Data is shown in Figure 10. All other inputs have been described previously.

Both programs operate in a similar fashion:

- Cost data is read in and stored
- Average costs and cost factors are calculated and stored
- The remainder of the data is read in and stored
- The Program Data is stored in the appropriate sequence
- The Sorted Data is processed and accumulated along with the cost factors to generate a report.

Both programs use less than 100K of storage and run in approximately 30 seconds of CPU time.

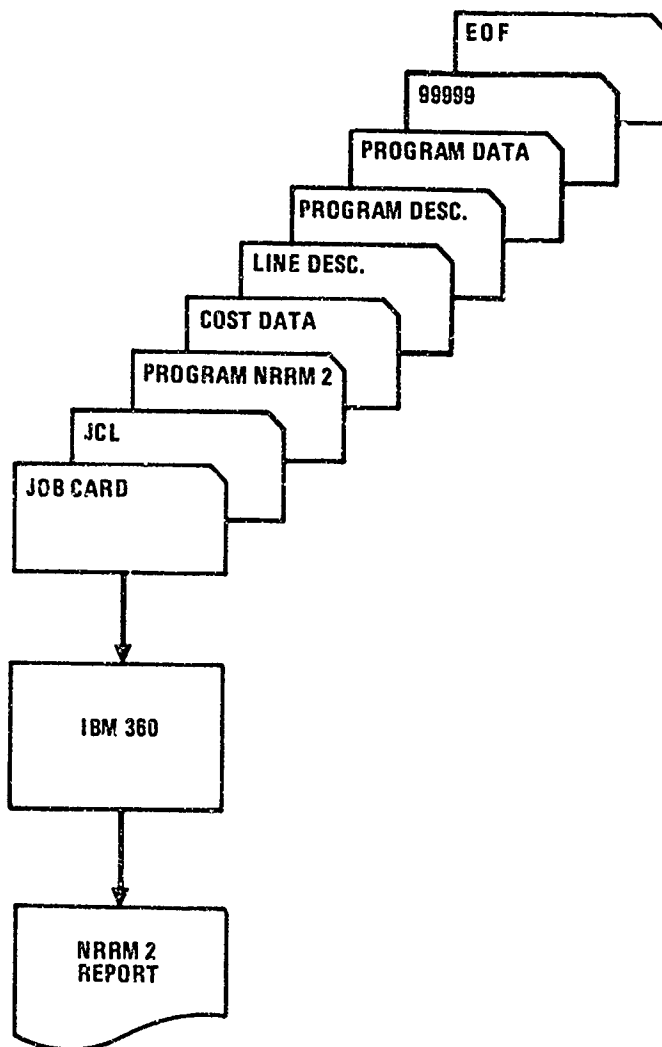


FIGURE 8. COMPUTER CONFIGURATION FOR PROGRAM 2

0 MANDATORY DELTA GROUP
1 COMBAT OPERATIONS GROUP
2 MOBILE SUPPORT GROUP
3 BASE SUPPORT GROUP
4 OPERATIONAL STAFF GROUP
5 MISSION TRAINING GROUP
6 TECHNICAL MANAGEMENT, ADMINISTRATION AND GENERAL TRAINING GR.

FIGURE 9. FUNCTIONAL GROUP DESCRIPTION DATA

1	SUBMARINE FORCES PROGRAM
2	MINE FORCES PROGRAM
3	SERVICE FORCES PROGRAM
4	SURFACE COMBATANT FORCES PROGRAM
5	AIR FORCES PROGRAM
6	CARGO HANDLING FORCES
7	CONSTRUCTION FORCES PROGRAM
8	AMPHIBIOUS FORCES PROGRAM
9	MARINE CORPS FORCES PROGRAM
10	NAVAL INFANTRY MARFARE FORCES PROGRAM
11	SPECIAL AND GENERAL SUPPORT FORCES PROGRAM
12	MAJOR FLEET/FINCE COMMAND PROGRAM
13	MAJOR UNIFIED / JOINT / SHORE COMMAND PROGRAM
14	SUPPORT OF ALLIES PROGRAM
15	TELECOMMUNICATIONS PROGRAM
16	SECURITY GRUPE PROGRAM
17	INTELLIGENCE PROGRAM
18	OFFICE OF THE SECRETARY OF DEFENSE
19	NAVAL WEATHER SERVICE PROGRAM
20	OCEANOGRAPHY PROGRAM
21	MILITARY SEALIFT PROGRAM
22	NAVAL CONTROL OF SHIPPING PROGRAM
23	BASES AND STATIONS PROGRAM
24	NAVAL MATERIAL COMMAND PROGRAM
25	AIR SYSTEMS PROGRAM
26	NAVAL ELECTRONICS SYSTEMS COMMAND PROGRAM
27	NAVAL FACILITIES ENGINEERING COMMAND PROGRAM
28	ORDNANCE SYSTEMS PROGRAM
29	SHIP SYSTEMS PROGRAM
30	NAVAL SUPPLY SYSTEMS COMMAND PROGRAM
31	
32	MEDICAL AND DENTAL PROGRAM
33	TRAINING PROGRAM
34	PERSONNEL SYSTEMS PROGRAM
35	PUBLIC AFFAIRS PROGRAM
36	LHA PROGRAM
37	RESEARCH PROGRAM
38	
39	SELECTIVE SERVICE PROGRAM

FIGURE 10. NAVAL RESERVE PROGRAM DESCRIPTION DATA

IV. ESTIMATING NAVAL RESERVE SUPPORT COSTS

INTRODUCTION

The preceding sections of this report discussed the Naval Reserve and indicated the general changes to the NARM that are required to enhance its capability to estimate the annual direct costs associated with a particular Naval Reserve force. This section of the report addresses the estimation of costs (e.g., command, logistics, basing, training, etc.) that contribute to the support of the Naval Reserve as described in Section I.

Since the information generated as a result of ORI's analysis will be used to revise/enhance the NARM, it is necessary that our treatment of support be compatible with the approach currently used by that model.

To accomplish this, we have divided the resources (by appropriation) within a support program element (PE) into those considered to be fixed and those considered to be variable or thruput in the base year. Further, in order to provide the capability of generating estimates for the variable support costs, we have identified groups of support resources which support Naval Reserve users and have defined proxy measures of support output to be used for estimation of support resource requirements. The extent to which existing NARM sectors will have to be revised or new sectors created as a result of this work will have to be determined by OP-901M.

Based upon the information provided to us*, the basic NARM relationship of proxy variable to support resources is represented by the following equation:

* Center for Naval Analyses, Resource Analysis Division Working Paper (RAD) 260-74, "An Analyst's Guide to the Navy Resource Model (NARM)," by P. E. Hudak, 2 August 1974.

$$(\text{support sector resource})_{\text{in some output year } n} = \left[\frac{\text{proxy variable in year } n}{\text{proxy variable in the base year } b} \right]^{\alpha} \times P_n \times (\text{support sector resource})_{\text{in base year } b}$$

where:

- P_n = a factor used to influence the year n and base year relationship between support resources and the value of the proxy variable
- α = a damping factor used to influence the year-to-year variations in support relative to variations in the proxy variable.

Based upon our investigations to date, we see no reason for setting P_n equal to anything other than 1.0. We are unable to make constructive suggestions concerning what the value of α should be.

USERS IN DPPC SUPPORT CATEGORIES

In conducting analyses of the support costs associated with the Naval Reserve, it is inappropriate to use the conventional definitions associated with the Defense Planning and Programming Categories (DPPC) of support (i.e., categorizing particular program elements as mission support forces and central support forces). This is because many of the Program 5 program elements which are in the DPPC support categories actually contain funds that are used for the pay and allowances of Selected Reservists who, in peacetime, receive drill pay for participating in training (weekly, monthly or annually) designed to preserve or upgrade their particular skills. Any "contributory support" provided to other activities of the peacetime Navy by these individuals in the course of their training is of a secondary nature.*

CATEGORIES OF SUPPORT

There are two general categories of support considered in this project. These include:

1. Support provided to Program 5 users from other elements in Program 5
2. Support provided to Program 5 users from elements in programs other than Program 5.

* Possible exceptions to this statement are Carrier Air Wing Staffs, Ship Maintenance and Repair Units, Underway Training Units and Fleet Training Groups. However, in our judgment it would be inappropriate to model these units as support because it is doubtful that the funds associated with them (which are only RPN) would change at all if the forces they provide support to were to change.

Within each of these categories, we can further subdivide support into the following:

- Command
- Logistics
- Basing
- Training.

Program 5 Support to the Naval Reserve

As a result of our analyses, part of the resources in six Program 5 program elements (PEs) have been identified as support to the Naval Reserve. These are (in their appropriate DPPC):

- Mission Support Forces
 - . Reserve Components Support
 - PE 58170 -- Special Category Trainees
 - PE 58171 -- Base Operations (Naval Reserve)
 - PE 58172 -- Training Support (Naval Reserve)
- Central Support Forces
 - . Command
 - PE 59514 -- Headquarters Level (Naval Reserve)
 - PE 59520 -- Field Command (Naval Reserve)
 - . Logistics/Supply Operations
 - PE 57113 -- Logistics Support (Naval Reserve).

Special Category Trainees. This program element includes only RPN for Category F trainees and Category D trainees. Uniform Training/Pay Category F includes non-prior service personnel who enlist in the Selected Reserve for a six-year term and have entered into the initial period of active duty for training for a period of not less than four months. Category D individuals are members of the Ready Reserve (note they are not Selected Reservists) who receive their peacetime training only by attending 12 to 14 days (exclusive of travel time) of active duty for training annually with pay.

For the support resources in this program element, we consider only the RPN for the Category F trainees as variable; Category D trainees are thruout. The proxy variable for the Category F trainees is total authorized drill pay officers and enlisted personnel in all other Program 5 program elements.

Base Operations (Naval Reserve). This program element contains MCNR, MPN, O&MNR and OPN. As mentioned previously, we are considering MCNR and OPN as thruputs. These resources are for approximately seven Naval Air Stations, one Naval Air Facility, nine Naval Air Reserve Units (NARUs), 13 Naval Air Reserve Detachments (NARDETs), and 330 Naval and Marine Corps Reserve Centers/Naval Reserve Centers/Facilities -- under the command of the Chief of Naval Reserve -- located at over 360 sites throughout the United States. These resources are also for an allowance of aircraft used in the training and support of the Naval Reserve.

Based upon previous analyses of fixed and variable costs of Naval Stations and Naval Air Stations in the U. S., conducted at the Center for Naval Analyses*, approximately 70 percent of the annual operating resources for Reserve Air Stations is fixed.

It appears reasonable to assume that this situation with regard to the Reserve Air Stations has not changed appreciably since the period for which the analysis was conducted. Further, it also appears reasonable to assume that the percentage of fixed and variable costs for the other Naval Reserve installations accounted for in this program element is comparable.

Hence, it is suggested that 70 percent of the O&MNR and MPN for all of these installations and aircraft be considered as fixed. A typical Reservist attends 48 drill periods and serves 15 days of active duty training per year. He works an equivalent of seven work-weeks per year as compared to the 48 worked by his active duty counterpart. Hence, on the average, Reservists require support from the military establishment equal to about .146 of the average active person. Therefore, for the 30 percent portion that is variable, the proxy variable used should be: (.146) times (total authorized drill paid officers and enlisted personnel) plus (total of all active officers and enlisted personnel in all Program 5 program elements except those considered as support).

Training Support (Naval Reserve). In this program element are RPN funds that are used to pay for:

- Technical training
- ASW schools
- Minewarfare training
- Professional training
- Afloat training duty
- Collateral and general support equipment.

We suggest that the proxy variable used be total RPN for Program 5 users (i.e., all PEs except those discussed in this section).

* Institute of Naval Studies Memorandum (INS) 654-72, "Selected Analysis of Fixed and Variable Costs," by Goudreau, Kuzmack and Wiedemann, 15 May 1972.

Headquarters Level (Naval Reserve). The resources accounted for in this program element are those associated with support of the Naval Reserve at the Washington Headquarters level. This includes TAR (Training and Administration, Reserve) officers paid for from the RPN appropriation in accordance with Title 10 USC Section 265. We suggest that all resources (O&MNR and RPN) associated with this program element be thruput, as they are relatively fixed.

Field Command (Naval Reserve). The remaining TAR billets paid for by RPN are included in this program element as are all other costs associated with Naval Reserve support at field headquarters, command and activity level. Among the activities covered are:

- Chief of Naval Reserve at New Orleans
- Commander Naval Reserve, Representatives at Norfolk, San Diego
- Reserve Supplement of Naval District Headquarters
- Naval Reserve Readiness Commands
- Joint Strategic Target Plan Staff Support Component
- Naval Reserve Manpower Center
- Naval Officer Record Support Activity.

As with PE 59514, we suggest that this support program element be treated as a thruput, since it too appears relatively fixed.

Logistics Support (Naval Reserve). The resources accounted for in this program element are those for a large portion of O&MNR Budget Activity 2 - Depot Maintenance, which provides for the repair, overhaul and installation of technical training equipment. Funds are also included in this PE for civil engineer support equipment. It is suggested that the proxy variable for this program element be total drill paid officers and enlisted personnel.

Support to the Naval Reserve from Other Than Program 5

The information provided to us by the Navy during the course of this study was incomplete with respect to shedding light on to what extent the NARM considers support resources to be related to the Naval Reserve. The information contained in "The Analyst's Guide..." appears to have been overtaken by events (e.g., the only Program 5 program element identified as being modeled as variable support or thruput in the NARM -- 52414N - Sea Control/Air Base Operations -- no longer exists). According to Department of Defense Handbook 7045.7-H, "FYDP Program Structure - Codes and Definitions" dated 11 February 1975, there is no longer a PE 52414N. Sea Control/Air Base Operations is now the title of PE 52403N. However, the activities funded in this program element are Reserve ORUs including those for:

- Naval Air Facilities
- Naval Air Stations
- Intermediate Maintenance Activities.

Therefore, we do not consider this program element to be support.

However, we did make an attempt to use "The Analyst's Guide..." together with the DOD Handbook 7045.7-H and the Department of Navy "Justification of Estimates for Fiscal Year 1976 Submitted to Congress" for Operations and Maintenance, Navy (O&MN) to suggest how other support to the Naval Reserve may be approximated. Since the information provided to us indicated that all of command is treated as a thruput by the NARM, all PEs in that DPPC were ignored. In addition to the program elements that are already modeled by the NARM as ones that contribute support to active duty persons (whether they are associated with the active or reserve force), the following PEs were identified as ones that potentially provide support to the Naval Reserve.

- Mission Support Forces
 - . Base Operating Support (PE 24615) -- Fleet Support (Port) Base Operations
- Central Support Forces
 - . Base Operating Support (PE 72896) -- Base Operations
 - . Medical Support (PE 81412) -- Recruiting and Examining
 - . Personnel Support (PE 8111) -- Recruit Training
 - . Logistics
 - PE 71111 -- Supply Depot Operations
 - PE 71112 -- Inventory Control Points
 - PE 71113 -- Procurement Operations
 - . Transients (PE 81610) -- Permanent Change of Station/Enlisted Accessions Moves.

Fleet Support (Port) Base Operations (PE 24615). According to "The Analyst's Guide...", 70 percent of the resources associated with this program element are treated as fixed or thruput, with the remaining 30 percent being allocated modeled as variable, with the average number of Navy officer and enlisted personnel assigned to all fleet ships being the proxy variable. This program element includes the manpower authorizations, peculiar and support equipment, necessary facilities, and the associated costs specifically identified and measurable to the following:

- Amphibious Bases
- Naval Bases
- Naval Stations
- Degaussing Stations
- Naval Construction Battalion Units
- Naval Activities Overseas
- Naval Support Activities
- Naval Submarine Bases
- FPO San Francisco, California.

Since these activities provide support to the Naval Reserve, it is suggested that the proxy variable be revised to include: (.146) times (average number of Navy officer and enlisted personnel) plus (average drill paid reservists assigned to fleet ships, NRF ships, and Coastal/River/UDT forces).

Base Operations (PE 72896). According to "The Analyst's Guide...", the resources associated with all claimants in this program element are allocated on the basis of the total Navy and Marine Corps end-strength of all program elements. Included in this program element are the costs associated with numerous activities including the Navy Exchanges and Navy Commissaries, which "The Analyst's Guide..." erroneously identifies with PE 88096. Since the Naval Reserve receives support from the activities in this program element, it is suggested that (.146) times (average total drill paid reservists) be added to the proxy variable currently being used.

Recruiting and Examining (PE 81412). The NARM reportedly estimates the resources associated with this program element as a function of USN plus USNR non-prior service accessions. This program element includes the costs associated with:

- Examining and Entrance Stations
- Recruiting Stations
- Recruiting Main Stations
- Recruiting Publicity
- Recruiting Activities
- Recruiting Headquarters
- Recruiting Districts.

This allocation appears correct.

Recruit Training (PE 81111). This program element includes costs involved with:

- Basic Training Centers/Stations
- Recruit Training Centers/Stations
- Replacement Training Centers/Stations.

The NARM-reported models allocate the costs associated with this PE as a function of USN plus USNR non-prior service accessions. This appears correct also.

Supply Depot Operations (PE 71111). The budget backup for the costs associated with Supply Depot Operations indicates that the program objectives and the force levels to be supported are utilized to determine workload requirements at stock point activities. These requirements, in turn, are projected on the basis of the relationship between the workloads at supply outlets and the forces supported (i.e., ships, aircraft, and military personnel). The NARM reportedly uses ship O&MN for all ships, aircraft O&MN for all aircraft, and average strength of officers for all ships and aircraft as proxy variables for the appropriate resource categories. If "all" includes reserve forces, this appears correct, except that for the military personnel-related line item (.146) times (total drill paid Reservists) should be used with the proxy.

Inventory Control Points (PE 71112). The same comments apply to this program element as were stated for Supply Depot Operations.

Procurement Operations (PE 71113). Again, the same comments as were stated for PE 71111 apply.

Permanent Change of Station/Enlisted Accessions Moves (PE 81610). The NARM reportedly models the resources associated with this program element with USN plus USNR non-prior service accessions as the proxy variable. This appears correct.

APPENDIX A
RPN MODEL INPUT DATA AND PAY FACTORS

Appendix A lists input data and the resulting Naval Reserve officer and enlisted pay factors.

*****FROM ALL OFFICERS AND ENLISTED*****

0-0000 FICA
 2017.00 ACTIVE OFFICER FACTOR
 2910.00 ACTIVE ENLISTED FACTOR
 15.60 ACUTRA DAYS PAY GROUP A
 13.60 ACUTRA DAYS PAY GROUP B
 48.00 INACUTRA DAYS PAY GROUP A
 24.00 INACUTRA DAYS PAY GROUP B
 12.00 +12 ADDITIONAL DRILL DAYS
 16.00 +36 ADDITIONAL DRILL DAYS
 72.00 +72 ADDITIONAL DRILL DAYS
 93400.00 ADPA AND SUPPORT

*****OFFICERS ONLY BY PAY GROUP*****
 56.30 GROSS X ACUTRA PAY GROUP A
 56.20 GROSS X ACUTRA PAY GROUP B
 100.00 GROSS X ACUTRA PAY GROUP C
 1.60 HAS ACUTRA RATE
 98.10 GROSS X INACUTRA PAY GROUP A
 94.70 GROSS X INACUTRA PAY GROUP B
 78038.00 COMPEND PAY. PAY GROUP A
 96033.00 COMPAND PAY. PAY GROUP B
 74600.00 CLOTHING ALLOWANCE PAY GROUP A
 18500.00 CLOTHING ALLOWANCE PAY GROUP B
 6000.00 CLOTHING ALLOWANCE PAY GROUP C
 129300.00 ACUTRA TRAVEL PAY GROUP A
 170500.00 ACUTRA TRAVEL PAY GROUP B
 0.00 ACUTRA TRAVEL PAY GROUP C
 39070.00 ENLISTED DOLLARS ASSIGNED TO OFFICERS, PAY GROUP A
 80.44 GROSS X +12 DRILL
 59.52 GROSS X +36 DRILL
 93.70 GROSS X +72 DRILL
 57500.00 SCHOOL TRAINING
 377900.00 SPECIAL TRAINING

-----48 DRILL-----+12-----+36-----+72-----+96 REP C

---ACUTRA--- INACT
 GROSS GROSS GROSS GROSS GROSS GROSS GROSS GROSS GROSS GROSS
 NO. AIR SURF NO. NO. NO. NO. NO. NO. NO. NO. NO. NO.
 1 0 0 0 0 0 0 0 0 0
 132 37 90 400 25 4 4 0 0 0
 675 453 225 1516 75 164 164 42 42 1130
 795 1516 350 1179 324 360 360 50 50 3219
 791 1179 109 21 305 1623 1623 231 231 2649
 404 21 0 0 37 0 0 0 0 107
 114 0 0 0 1 0 0 0 0 11
 637 0 0 0 0 0 0 0 0 16
 0 0 0 0 0 0 0 0 0 0

*****ALL OFFICERS ALL GROUPS DAILY PAY DATES*****
 0-510 540 540 540 540 540 540 540 540 540
 PAY W/REP W/REP W/REP W/REP W/REP W/REP W/REP W/REP W/REP
 1416 1416 1416 1416 1416 1416 1416 1416 1416
 96.54100.00 10.13 0.0 0.0 11.67
 74.91 96.54 4.00 7.45 5.66 11.67
 51.03 48.70 7.40 6.07 4.13 11.67
 47.03 91.76 7.40 6.07 4.13 11.67
 3.00 25.40 6.04 5.17 3.62 11.67
 3.62 6.40 6.13 4.08 3.62 11.67
 3.62 6.40 6.13 4.08 3.62 11.67
 3.62 6.40 6.13 4.08 3.62 11.67

OFFICER AVERAGES

	24 DRILLS 48	DRILLS 60	DRILLS 84	DRILLS 120	DRILLS
ACDLTRA	928.62	875.66	875.66	875.66	875.66
INACDLTRA	1080.54	2217.20	430.81	1061.11	2987.34
CLOTHING ALLOWANCE	24.74	28.29	28.29	28.29	28.29
ACDLTRA TRAVEL	161.14	147.50	147.50	147.50	147.50
PAY GROUP D	135.51	135.51	135.51	135.51	135.51
TOTAL DIRECT PAY FACTOR	2231.75	2408.56	1847.28	4459.67	6395.00
TOTAL INDIRECT PAY FACTOR	156.48	156.48	156.48	156.48	356.48

ENLISTED AVERAGES

	24 DRILLS 48	DRILLS 60	DRILLS 84	DRILLS 120	DRILLS
ACDLTRA	384.61	303.55	307.55	303.55	303.55
INACDLTRA	514.46	780.09	114.16	156.31	446.20
CLOTHING ALLOWANCE	68.05	27.73	27.73	27.73	27.73
ENLISTED SUBSISTENCE	15.62	31.21	31.21	31.21	31.21
ACDLTRA TRAVEL	57.16	95.43	95.43	95.43	95.43
TOTAL DIRECT PAY FACTOR	1039.51	1238.00	1352.16	1394.32	1684.21
TOTAL INDIRECT PAY FACTOR	167.32	167.32	167.32	167.32	167.32

ACTIVE OFFICER	29187.00
ACTIVE ENLISTED	9310.00

APPENDIX B
CRU, SRU, ORU, AND IRU RPN COSTS BY PROGRAM ELEMENT
AND DEFENSE, PLANNING AND PROGRAMMING
CATEGORY (DPPC)

Appendix B lists the RPN costs (designated by \$) of basic unit types (CRUs, SRUs, ORUs, and IRUs) by program element and by Defense Planning and Programming Category (DPPC). Also included are the number of officers and enlisted assigned (designated by #) and their associated drill status. Totals of cost and manpower are generated for each type of unit, for each program element, and for each DPPC and their major sub-categories. The final entries in the appendix are the totals for the entire Selected Naval Reserve.

STRATEGIC FORCES
SICILY

(COSTS IN 1000)

ACTIVE NAVY

RESERVE NAVY

CIV. CH-00	ACTIVE NAVY		RESERVE NAVY		120 FBILL		14 FBILL		16 FBILL		18 FBILL		20 FBILL		22 FBILL		24 FBILL		TOTAL RESERVE	
	OFF	FNL	TOT	OFF	FNL	TOT	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL
510 AS (EDM)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STRATEGIC OFFENSIVE TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STRATEGIC DEFENSIVE TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STRATEGIC FORCES TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

GENERAL PURPOSE FORCES LAND FORCES
 502111 DIVISIONS (MARINE RESERVE)
 ACTIVE NAVY

CRU MC DIV TYPE UNIT	CIV. CH-US	CFF	FNL	TOT	120 COILL		64 COILL		60 COILL		RESERVE NAVY		74 COILL		74 COILL		74 COILL		TOTAL RESERVE	
					OFF	FAL	OFF	EXL	OFF	EXL	OFF	FAL	OFF	EXL	OFF	EXL	OFF	EXL	OFF	EXL
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SURTOTALS	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LANC FORCES	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

GENERAL PURPOSE FORCES TACTICAL AIR FORCES
52105N ATTACK CARRIERS

SECRET

[illegible]

GENERAL PURPOSE FORCES TACTICAL AIR FORCES
521064 MULTI-PURPOSE AIRCRAFT CARRIERS
ACTIVE NAVY

(CCSIS JA 1000)

	CIV.		120 DRILL		84 DRILL		60 DRILL		RESERVE NAVY		24 DRILL		TOTAL RESERVE	
	PH-US	OFF	ENL	TOT	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
SPU CARRIERS	1	0	0	0	0	0	0	0	0	0	0	0	8	220
	1	0	0	0	0	0	0	0	0	0	0	0	27	272
SUBTOTALS	1	0	0	0	0	0	0	0	0	0	0	0	8	220
	1	0	0	0	0	0	0	0	0	0	0	0	27	272
PAGE TOTALS	1	0	0	0	0	0	0	0	0	0	0	0	8	220
	1	0	0	0	0	0	0	0	0	0	0	0	27	272

GENERAL PURPOSE FORCES TACTICAL AIR FORCES
5-111N A-4 SQUADRON (CONTS IN 1000)

	CIV. FM-10	ACTIVE NAVY		120 DRILL		84 DRILL		60 DRILL		RESERVE NAVY		24 DRILL		TOTAL RESERVE		
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
CPU VA (A-4)	-28	0	16	296	312	0	0	0	0	0	0	0	0	0	0	0
		0	322	2638	2950	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	0	0	16	296	312	0	0	0	0	0	0	0	0	0	0	0
	0	0	322	2638	2950	0	0	0	0	0	0	0	0	0	0	0
SPU VA (A-4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS	0	0	16	296	312	0	0	0	0	0	0	0	0	0	0	0
	0	0	322	2638	2950	0	0	0	0	0	0	0	0	0	0	0

GENERAL PURPOSE FORCES		TACTICAL AIR FORCES	(COSTS IN 1000)
52313N	A-7 SQUADRON		
1	1	1	
2	2	2	
3	3	3	
4	4	4	
5	5	5	
6	6	6	
7	7	7	
8	8	8	
9	9	9	
10	10	10	
11	11	11	
12	12	12	
13	13	13	
14	14	14	
15	15	15	
16	16	16	
17	17	17	
18	18	18	
19	19	19	
20	20	20	
21	21	21	
22	22	22	
23	23	23	
24	24	24	
25	25	25	
26	26	26	
27	27	27	
28	28	28	
29	29	29	
30	30	30	
31	31	31	
32	32	32	
33	33	33	
34	34	34	
35	35	35	
36	36	36	
37	37	37	
38	38	38	
39	39	39	
40	40	40	
41	41	41	
42	42	42	
43	43	43	
44	44	44	
45	45	45	
46	46	46	
47	47	47	
48	48	48	
49	49	49	
50	50	50	
51	51	51	
52	52	52	
53	53	53	
54	54	54	
55	55	55	
56	56	56	
57	57	57	
58	58	58	
59	59	59	
60	60	60	
61	61	61	
62	62	62	
63	63	63	
64	64	64	
65	65	65	
66	66	66	
67	67	67	
68	68	68	
69	69	69	
70	70	70	
71	71	71	
72	72	72	
73	73	73	
74	74	74	
75	75	75	
76	76	76	
77	77	77	
78	78	78	
79	79	79	
80	80	80	
81	81	81	
82	82	82	
83	83	83	
84	84	84	
85	85	85	
86	86	86	
87	87	87	
88	88	88	
89	89	89	
90	90	90	
91	91	91	
92	92	92	
93	93	93	
94	94	94	
95	95	95	
96	96	96	
97	97	97	
98	98	98	
99	99	99	
100	100	100	

[illegible]

GENERAL PURPOSE FORCES TACTICAL AIR FORCES
5231(N) F-8 SQUADRONS

(CCSIS IN 1000)

	CIV. NH-US	ACTIVE NAVY		120 DRILL		84 DRILL		60 DRILL		RESERVE NAVY		24 DRILL		TOTAL RESERVE		
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
RCU VF (F-8)	-24	0	16	332	348	0	0	0	6	208	0	0	0	0	72	208
		0	322	2958	3280	0	0	0	23	281	0	0	0	0	189	281
SUPTOTALS	0	16	332	348	0	0	0	6	208	0	0	0	0	0	32	208
	0	322	2958	3280	0	0	0	23	281	0	0	0	0	0	189	281
SRU VF (F-8)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	72
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103	72
SUPTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	72
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103	72
PAGE TOTALS	0	16	332	348	0	0	0	6	208	0	0	0	0	0	56	280
	0	322	2958	3280	0	0	0	23	281	0	0	0	0	0	292	370

GENERAL PURPOSE FORCES TACTICAL AIR FORCES (CCSTS IN 1000)

52317N	F-4 SQUADRONS	ACTIVE NAVY			RESERVE NAVY			24 DRILL			TOTAL RESERVE		
		CIV. ON-HIS	OFF	FNL	TCT	120 CPILL	84 DRILL	60 DRILL	42 DRILL	24 DRILL	OFF	OFF	ENL
CPO VF (F-4)		24	0	20	404	424	0	0	0	0	0	0	314
		\$	0	404	3600	4004	0	31	0	0	0	415	425
SRU VF (F-4)		20	0	20	404	424	0	8	0	0	0	0	314
		\$	0	404	3600	4004	0	31	0	0	0	415	425
SUBTOTALS		0	0	0	0	0	0	0	0	0	0	0	104
		\$	0	0	0	0	0	0	0	0	0	121	125
PAGE TOTALS		0	0	0	0	0	0	0	0	0	0	0	104
		\$	0	404	424	394	0	8	4	0	0	96	415
												536	554

GENERAL PURPOSE FORCES										TACTICAL AIR FORCES										(COSTS IN 1000)									
5-324N										EARLY WARNING AIRCRAFT SQUADRONS																			
										ACTIVE NAVY																			
		CIV.		OFF		ENL		TCT		120 DRILL		84 DRILL		60 DRILL		48 DRILL		24 DRILL		TOTAL RESERVE									
		CH-US								OFF		OFF		OFF		OFF		OFF		OFF									

GENERAL PURPOSE FORCES TACTICAL AIR FORCES
52375N RECONNAISSANCE SQUADRONS
ACTIVE NAVY

(COSTS IN 1000)

CIVILIAN MILITARY	CFF	FNL	TOT	120 DRILL		R4 DRILL		60 DRILL		RESERVE NAVY		R4 DRILL		60 DRILL		TOTAL RESERVE	
				OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL
24 VFP (F-P)	0	132	140	0	0	0	0	2	0	0	0	0	0	0	0	0	10
	1	162	173	0	0	0	0	0	0	0	0	0	0	0	0	0	50
SUBTOTALS	0	132	140	0	0	0	0	2	0	0	0	0	0	0	0	0	10
	0	162	173	0	0	0	0	0	0	0	0	0	0	0	0	0	50
SQU VFP (RF-06)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS	0	132	140	0	0	0	0	2	0	0	0	0	0	0	0	0	10
	1	162	173	0	0	0	0	0	0	0	0	0	0	0	0	0	50

GENERAL PURPOSE FORCES TACTICAL AIR FORCES
 52-26A SEE BASED ELECTRONIC WARFARE SOLUTIONS
 CIVILIAN ACTIVE NAVY (COSTS IN 1000)

C U VAO (FA-1)	CIVILIAN CH-53	OFF	ENL	TOT	120 DRILL		84 DRILL		60 DRILL		RESERVE NAVY		48 DRILL		24 DRILL		TOTAL RESERVE	
					OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
-12	0	20	220	240	30	32	0	0	0	122	0	0	0	0	0	0	30	154
	0	404	1960	2364	192	54	0	0	0	165	0	0	0	0	0	0	192	219
SUBTOTALS	0	20	220	240	30	32	0	0	0	122	0	0	0	0	0	0	30	154
	0	404	1960	2364	192	54	0	0	0	165	0	0	0	0	0	0	192	219
SFU VAO (FK-1)	0	0	0	0	0	0	24	32	0	0	4	60	0	0	0	0	28	52
	0	0	0	0	0	0	107	45	0	0	14	74	0	0	0	0	121	119
SUBTOTALS	0	0	0	0	0	0	24	32	0	0	4	60	0	0	0	0	28	92
	0	0	0	0	0	0	107	45	0	0	14	74	0	0	0	0	121	119
PAGE TOTALS	0	20	220	240	30	32	24	32	0	122	4	60	0	0	0	0	58	246
	0	404	1960	2364	192	54	107	45	0	165	14	74	0	0	0	0	213	338

GENERAL PURPOSE FORCES	NAVAL FORCES	ASW AND FLEET AIR DEFENSE FORCES	(COSTS IN 1000)
5:332N	5H-4 SQUADRONS		

	CIV. PH-US	ACTIVE NAVY			RESERVE NAVY								24 DRILL OFF ENL	TOTAL RESERVE OFF	TOTAL RESERVE ENL
		OFF	ENL	TCY	120 DRILL OFF	120 DRILL ENL	84 DRILL OFF	84 DRILL ENL	60 DRILL OFF	60 DRILL ENL	44 DRILL OFF	44 DRILL ENL			
CPU HS (CM-3A)	12	0	400	422	114	128	0	0	4	140	0	0	0	120	466
	4	0	1564	4210	742	216	0	0	15	460	0	0	0	757	676
	SUBTOTALS	16	0	400	422	116	128	0	0	4	340	0	0	0	120
SSU HS (CM-3A)	12	0	0	0	0	0	64	256	0	0	32	224	0	96	480
	4	0	0	0	0	0	286	357	0	0	109	277	0	395	624
	SUBTOTALS	16	0	0	0	0	0	64	256	0	0	32	224	0	96
PAGF TOTALS	12	0	400	422	116	128	64	256	4	340	32	224	0	216	948
	4	0	1564	4210	742	216	286	357	15	460	109	277	0	1152	1310
	SUBTOTALS	16	0	400	422	116	128	64	256	4	340	32	224	0	216

GENERAL PURPOSE FORCES 52345N				NAVAL FORCES SUPPORT FORCES				ASW AND FLEET AIR DEFENSE FORCES								(COSTS IN 1000)	
CIVILIAN		ACTIVE NAVY		120 DPILL		84 DPILL		60 DPILL		RESERVE NAVY		24 DPILL		TOTAL RESERVE			
#	1	CFF	FNL	TCT	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	CFF		
SUBU AS-11 CLASS																	
#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84	1176	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	286	1450	
SUBU AS-34 CLASS																	
#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	272	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	342	
SUBTOTALS																	
#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	108	1458	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	368	1806	
PAGE TOTALS																	
#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	108	1458	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	368	1806	

GENERAL PURPOSE FORCES		NAVAL FORCES		ACW AND FL ET AIR DEFENSE FORCES				(COSTS IN 1000)								
DESTROYERS/FRIGATES - MISSILE		ACTIVE NAVY		120 DRILL		84 DRILL		60 DRILL		RESERVE NAVY		24 DRILL		TOTAL RESERVE		
CIV.	OFF	FNL	TOT	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	
SPU DCG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

GENERAL PURPOSE FORCES				NAVAL FORCES				ASW AND FLEET AIR DEFENSE FORCES										(CC'S IN 1000)							
50150N DESTROYERS - NON-PICSLF				ACTIVE NAVY				120 DRILL				60 DRILL				48 DRILL				24 DRILL				TOTAL RESERVE	
CIV.	CH-US	OFF	ENL	107	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
CRU DC (FRAM 1) NRE	-28	0	328	4528	5264	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	1	0	6794	43008	50451	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
CRU DC (724) NRE	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
CRU DC (825/927) NRE	-2	0	24	252	376	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	1	0	484	3136	3620	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SUBTOTALS	0	0	760	5280	5640	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	1	0	7267	47044	54311	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SRU DC (FRAM 1)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SMU ESCORTS (H0/20)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
PAGE TOTALS	0	0	360	5280	5640	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	1	0	7267	47044	54311	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			

	(COSTS IN 1000)
GENERAL PURPOSE FORCES	
NAVAL FORCES	
57352N	
ESCAPES NON-MISSILE	
ASW AND FLEET AIR DEFENSE FORCES:	

[illegible]

GENERAL PURPOSE FORCES				NAVAL FORCES				ASW AND FLEET AIR DEFENSE FORCES										(COSTS IN 1000)			
SP15N				FSCORIS - PATROL				ACTIVE NAVY				RESERVE NAVY				TOTAL RESERVE					
				CIV	CH-US	CFF	ENL	TCT	120 OFF	120 FULL	P4 OFF	P4 FULL	50 OFF	50 FULL	48 OFF	48 FULL	24 OFF	24 FULL	OFF	FULL	
CHU PC	- R	0	0	16	104	120	120	0	0	0	0	0	0	32	208	0	0	0	0	32	208
	1	0	0	323	927	1250	1250	0	0	0	0	0	0	123	281	0	0	0	0	123	281
SUMTOTALS				0	104	120	120	0	0	0	0	0	0	32	208	0	0	0	0	32	208
	1	0	0	323	927	1250	1250	0	0	0	0	0	0	123	281	0	0	0	0	123	281
PAGE TOTALS				0	104	120	120	0	0	0	0	0	0	32	208	0	0	0	0	32	208
	1	0	0	323	927	1250	1250	0	0	0	0	0	0	123	281	0	0	0	0	123	281

GENERAL PURPOSE FORCES		NAVAL FORCES	AIR AND FLEET AIR DEFENSE FORCES	(COSTS IN 1000)
523544	SUPPORT FORCES			

[illegible]

GENERAL PURPOSE FORCES				NAVAL FORCES				ASV AND FLEET AIR DEFENSE FORCES				(LCSTS IN 1000)			
52363N				UNDERSEA SURVEILLANCE SYSTEMS				RESERVE NAVY				TOTAL RESERVE			
				ACTIVE NAVY											
				CIV.	PH-US	OFF	ENL	TCT	120 DRILL	84 DRILL	60 DRILL	RESERVE NAVY	24 DRILL	48 DRILL	80
									OFF	ENL	OFF	ENL	OFF	ENL	ENL
ORU NAVAL FACILITIES				#	?	0	0	0	0	0	0	0	0	0	80
				1	0	0	0	0	0	0	0	55	0	0	95
SUBTOTALS				#	0	0	0	0	0	0	0	16	0	0	80
				1	0	0	0	0	0	0	0	55	0	0	95
PAGE TOTALS				#	0	0	0	0	0	0	0	16	0	0	80
				1	0	0	0	0	0	0	0	55	0	0	95

GENERAL PURPOSE FORCES				NAVAL FORCES				AMPHIBIOUS FORCES				(CCSTS IN 1000)										
52166N				AMPHIBIOUS ASSAULT SHIPS																		
		CIV. ON-US		OFF		ENL		TOT		120 DPILL		84 DPILL		PRESERVE		48 DPILL		74 DPILL		TOTAL RESERVE		
		ON-US		OFF		ENL		TOT		OFF		ENL		OFF		ENL		OFF		ENL		
CRU LXA (112)	- 1	0	10	154	164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	0	202	1572	1774	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CRU LPA	- 2	0	26	374	400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	0	525	3332	3857	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SURTOTALS	#	0	26	528	564	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	0	727	4704	5431	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRU LCC	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRU LXA (113)	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRU LFD	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SPU LPH	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRU LSD	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SURTOTALS	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PAGE TOTALS	#	0	36	528	564	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	727	4704	5431	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

GENERAL PURPOSE FORCES				NAVAL FORCES				AMPHIBIOUS FORCES				(COSTS IN 1000)			
5216A				AMPHIBIOUS TACTICAL SUPPORT SHIPS				RESERVE NAVY							
				ACTIVE NAVY											
				CIV.	OFF	ENL	TCT	120 FILL	84 D/FILL	60 FILL	48 D/FILL	24 D/FILL	TOTAL RESERVE		
				CH-UC	OFF	ENL	TCT	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL
CRU PG MNTCF UNIT				1	0	0	0	0	0	0	0	0	0	0	0
				1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS				2	0	0	0	0	0	0	0	0	0	0	0
SPU AFOL				1	0	0	0	0	0	0	0	0	0	0	0
				1	0	0	0	0	0	0	0	0	0	0	0
SRU ASSAULT CRAFT UNIT				1	0	0	0	0	0	0	0	0	0	0	0
				1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS				2	0	0	0	0	0	0	0	0	0	0	0
ORU APPHIP CB				1	0	0	0	0	0	0	0	0	0	0	0
				1	0	0	0	0	0	0	0	0	0	0	0
ORU BEACHMASTER UNIT				1	0	0	0	0	0	0	0	0	0	0	0
				1	0	0	0	0	0	0	0	0	0	0	0
ORU NAVAL BEACHGRU STAFF				1	0	0	0	0	0	0	0	0	0	0	0
				1	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS				2	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS				1	0	0	0	0	0	0	0	0	0	0	0

GENERAL PURPOSE FORCES			NAVAL FORCES			AMPHIBIOUS FORCES			(COSTS IN 1000)								
5237IN			CONSTAL/IVFR FORCES			ACTIVE NAVY											
	CIV- PH-US	OFF	FNL	TOT	12th OFF	12th ENL	84th OFF	84th FNL	66th OFF	66th FNL	OFFER FNL	AP- OFF	AP- FNL	7th OFF	7th FNL	TOTAL OFF	TOTAL FNL
CRU COSRIVDIV 11	1	0	8	74	0	0	0	0	0	0	0	15	150	0	0	15	165
	1	0	161	749	0	0	0	0	0	0	0	51	118	0	0	51	169
CRU COSRIVDIV 21	0	0	7	52	0	0	0	0	0	0	0	22	84	0	0	22	84
	0	0	141	542	0	0	0	0	0	0	0	75	104	0	0	75	104
CRU COSRIVDIV 22	0	0	9	93	0	0	0	0	0	0	0	23	145	0	0	23	145
	0	0	182	910	0	0	0	0	0	0	0	78	180	0	0	78	180
CRU COSRIVDIV 1	0	0	75	157	0	0	0	0	0	0	0	17	120	0	0	17	120
	0	0	505	2038	0	0	0	0	0	0	0	58	145	0	0	58	145
CRU COSRIVDIV 2	0	0	15	149	0	0	0	0	0	0	0	20	118	0	0	20	118
	0	0	303	1457	0	0	0	0	0	0	0	68	145	0	0	68	145
CRU NA(L) 500MS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	1	0	44	555	0	0	0	0	0	0	0	97	527	0	0	97	627
	1	0	1292	5756	0	0	0	0	0	0	0	330	777	0	0	330	777
PAGE TOTALS	1	0	64	565	0	0	0	0	0	0	0	97	627	0	0	97	627
	1	0	1292	5756	0	0	0	0	0	0	0	330	777	0	0	330	777

(COSTS IN 1000)

AMPHIBIOUS FORCES

GENERAL PURPOSE FORCES: NAVAL FORCES
53373N SPECIAL WARFARE FORCES ACTIVE NAVY

CIV.
PH-US

CPU UCT

CIV. PH-US	CFE	FNL	TCT	120 DRILL		84 DRILL		60 DRILL		RESERVE		24 DRILL		TOTAL RESERVE	
				OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL
1	0	0	0	0	0	0	0	0	0	0	0	0	0	16	100
2	0	0	0	0	0	0	0	0	0	0	0	0	0	55	124
3	0	0	0	0	0	0	0	0	0	0	0	0	0	16	100
4	0	0	0	0	0	0	0	0	0	0	0	0	0	55	124
5	0	0	0	0	0	0	0	0	0	0	0	0	0	16	100
6	0	0	0	0	0	0	0	0	0	0	0	0	0	55	124
7	0	0	0	0	0	0	0	0	0	0	0	0	0	16	100
8	0	0	0	0	0	0	0	0	0	0	0	0	0	55	124
9	0	0	0	0	0	0	0	0	0	0	0	0	0	16	100
10	0	0	0	0	0	0	0	0	0	0	0	0	0	55	124

SUBTOTALS

PAGE TOTALS

GENERAL PURPOSE FORCES				NAVAL FORCES				NAVAL SUPPORT FORCES				(COSTS IN 1000)			
52759N				ACTIVE HAVY											
CIV.	CH-JS	OFF	FNL	120 DRILL	P4 DRILL	RESERVE	NAVY	24 DRILL	TOTAL RESERVE						
				OFF	OFF	INL	OFF	OFF	OFF						
CQU M50 (MRF)	-22	0	66	792	0	0	0	0	0	0	0	0	0		
	1	1	112	7057	0	0	0	0	0	0	0	0	0		
SURTOTALS	1	0	66	792	0	0	0	0	0	0	0	0	0		
	1	0	112	7057	0	0	0	0	0	0	0	0	0		
SKU MINFROM IC	2	0	0	0	0	0	0	0	0	0	0	0	0		
	1	1	0	0	0	0	0	0	0	0	0	0	0		
GPU M50	2	0	0	0	0	0	0	0	0	0	0	0	0		
	1	0	0	0	0	0	0	0	0	0	0	0	0		
SURTOTALS	2	0	0	0	0	0	0	0	0	0	0	0	0		
	1	0	0	0	0	0	0	0	0	0	0	0	0		
00U MINFOR SUP.PU	2	0	0	0	0	0	0	0	0	0	0	0	0		
	1	0	0	0	0	0	0	0	0	0	0	0	0		
00U MCRMINECTREMEASURES	2	0	0	0	0	0	0	0	0	0	0	0	0		
	1	0	0	0	0	0	0	0	0	0	0	0	0		
SURTOTALS	2	0	0	0	0	0	0	0	0	0	0	0	0		
	1	0	0	0	0	0	0	0	0	0	0	0	0		
PAGE TOTALS	2	0	66	792	0	0	0	0	0	0	0	0	0		
	1	0	112	7057	0	0	0	0	0	0	0	0	0		

GENERAL PURPOSE FORCES NAVAL FORCES
52360. AIP WINE COUNTERMEASURES SQUADRON
ACTIVE NAVY

NAVAL SUPPORT FORCES

(COSTS IN 1000)

CIV. M-L	OFF	FNL	TOT	120 DPILL		14 DPILL		60 DPILL		RESERVE NAVY		24 DPILL		TOTAL RESERVE	
				OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL
GPU MINIFOPSUGRU (ARM)	2	0	0	0	0	0	0	0	0	0	0	0	0	1	16
	1	0	0	0	0	0	0	0	0	1	16	0	0	2	20
SUMTOTALS	3	0	0	0	0	0	0	0	0	1	16	0	0	1	16
	1	0	0	0	0	0	0	0	0	1	20	0	0	2	20
PAGE TOTALS	3	0	0	0	0	0	0	0	0	1	16	0	0	1	16
	1	0	0	0	0	0	0	0	0	1	20	0	0	2	20

GENERAL PURPOSE FORCES		NAVAL FORCES		NAVAL SUPPORT FORCES										(COSTS IN 1000)		
MINE AND MINE SUPPORT		ACTIVE NAVY		120 DPILL		24 DPILL		60 DPILL		RESERVE		24 DPILL		TOTAL RESERVE		
CIV. CH-US		OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	
GRU MCB MINE ASS'Y CR		0	0	0	0	0	0	0	0	0	0	0	0	0	14	210
		0	0	0	0	0	0	0	0	0	0	0	0	0	48	260
SUPTOTALS		0	0	0	0	0	0	0	0	0	0	0	0	0	14	210
PAGE TOTALS		0	0	0	0	0	0	0	0	0	0	0	0	0	14	210
		0	0	0	0	0	0	0	0	0	0	0	0	0	48	260

GENERAL PURPOSE FORCES				NAVAL FORCES				NAVAL SUPPORT FORCES				DCCS IN 1000			
52368N				TACTICAL SUPPORT SHIPS											
CIV. ON-US				ACTIVE NAVY											
	#	0	0	0	0	0	0	120 CPILL	94 DPILL	60 DPILL	RESERVE NAVY	48 DPILL	24 DPILL	TOTAL RESERVE	
				OFF	FNL	TCT		OFF	ENL	OFF	FNL	OFF	ENL	OFF	
CRU TACRON	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
SUBTOTALS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRU TACRON	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
SUBTOTALS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
PAGE TOTALS	2	0	0	0	0	0	0	0	0	0	0	0	0	0	

GENERAL PURPOSE FORCES				NAVAL FORCES				NAVAL SUPPORT FORCES				(COSTS IN 1000)					
52375N UNDERWAY REPLENISHMENT SHIPS				ACTIVE NAVY													
		CIV. PH-US	CFE	FNL	YCT	129 DRILL OFF	ENL	24 DRILL OFF	ENL	60 DRILL OFF	ENL	RECEIVE NAVY 45 DRILL OFF	ENL	24 DRILL OFF	ENL	TOTAL RESERVE OFF	ENL
CKU WILDFP/CIV MANMED UR	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SURTOTALS																	
SRU AE	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRU AF	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRU AFS	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRU AC (22/143)	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRU AC (51/105)	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRU ACR	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SURTOTALS																	
PAGE TOTALS	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

GENERAL PURPOSE FORCES NAVAL FORCES
52378N MINOR FLEET SUPPORT STIPS
ACTIVE NAVY

[illegible]

GENERAL PURPOSE FORCES				NAVAL FORCES				NAVAL SUPPORT FORCES				COSTS IN 1000					
FLEET SUPPORT SQUADRON - AIRCRAFT				ACTIVE NAVY				RESERVE NAVY				TOTAL RESERVE					
	CIV.	OFF	FNL	TCT	120 DRILL	24 DRILL	60 DRILL	48 DRILL	24 DRILL	48 DRILL	24 DRILL	48 DRILL	24 DRILL	48 DRILL	24 DRILL	48 DRILL	
	CH-UC	OFF	FNL	TCT	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
CPU HC (HH-3)	- 6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CQU VC (A-4)	- 16	0	12	168	180	0	0	0	0	0	0	0	0	0	0	0	0
CPU VR (C-118)	- 9	0	14	270	284	0	0	0	0	0	0	0	0	0	0	0	0
CQU VR DET (C-118)	1	0	24	432	456	0	0	0	0	0	0	0	0	0	0	0	0
SURTOTALS	0	0	57	870	920	0	0	0	0	0	0	0	0	0	0	0	0
SRU VC (OPG MATCF ACT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRU VR (C-118)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SURTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU CCMRESTACSUPPING	0	0	7	25	72	0	0	0	0	0	0	0	0	0	0	0	0
SURTOTALS	0	0	7	25	72	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS	0	0	67	895	952	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	1140	7075	6124	0	0	0	0	0	0	0	0	0	0	0	0

GENERAL PURPOSE FORCES				NAVAL FORCES				NAVAL SUPPORT FORCES				(COSTS IN 1000)			
523804 SPECIAL COMBAT SUPPORT - CARGO HANDLING				ACTIVE NAVY				RESERVE NAVY				TOTAL RESERVE			
CIV.	TH-US	OFF	FNL	TOT	120 DRILL	84 DRILL	60 DRILL	48 DRILL	24 DRILL	OFF	FNL	OFF	FNL		
CRU CARGO HANDLING BATTAL	#	0	0	0	0	0	0	0	0	0	0	0	0		
	\$	0	0	0	0	0	0	0	0	0	0	0	0		
SUBTOTALS	#	0	0	0	0	0	0	0	0	0	0	0	0		
	\$	0	0	0	0	0	0	0	0	0	0	0	0		
PAGE TOTALS	#	0	0	0	0	0	0	0	0	0	0	0	0		
	\$	0	0	0	0	0	0	0	0	0	0	0	0		

GENERAL PURPOSE FORCES NAVAL FORCES
5238IN SPECIAL COMBAT SUPPORT

CAVAL SUPPORT FORCES

(CCSTY 1A 1060)

[illegible]

GENERAL PURPOSE FORCES NAVAL FORCES (COSTS IN 1000)

52382N SPECIAL COMBAT SUPPORT - COMBAT CAMERA ACTIVE NAVY

NAVAL SUPPORT FORCES

CIV.	CH-US	OFF	ENL	TCT	120 DRILL		F4 DRILL		60 DRILL		RESERVE NAVY		24 DRILL		TOTAL RESERVE	
					OFF	FNL	OFF	ENL	OFF	ENL	OFF	FNL	OFF	FNL	OFF	ENL
ORU COMBAT CAMERA GROUP	1	0	0	0	0	0	0	0	0	0	0	0	0	0	12	86
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	41	106
SURTOTALS	2	0	0	0	0	0	0	0	0	0	0	0	0	0	12	86
	2	0	0	0	0	0	0	0	0	0	0	0	0	0	41	106
PAGE TOTALS	2	0	0	0	0	0	0	0	0	0	0	0	0	0	12	86
	2	0	0	0	0	0	0	0	0	0	0	0	0	0	41	106

GENERAL PURPOSE FORCES				NAVAL FORCES				NAVAL SUPPORT FORCES				(CCSTS IN 1000)			
52384N				NAVAL CONSTRUCTION FORCES				RESERVE NAVY							
				ACTIVE NAVY											
				CIV.	OFF	FNL	TCT	120 DRILL	84 DRILL	60 DRILL	48 DRILL	24 DRILL	TOTAL RESERVE		
				DR-US	CFF			OFF	ENL	OFF	ENL	OFF	ENL	CFF	ENL
CRU NAVCONSTRBRIG STAFF	#	0	0	0	0	0	0	0	0	0	0	0	0	17	12
	\$	0	0	0	0	0	0	0	0	0	0	0	0	58	12
CRU NAVCONSTRREG STAFF	#	0	0	0	0	0	0	0	0	0	0	0	0	32	68
	\$	0	0	0	0	0	0	0	0	0	0	0	0	109	84
CRU NPCB	#	0	0	0	0	0	0	0	0	0	0	0	0	192	5904
	\$	0	0	0	0	0	0	0	0	0	0	0	0	654	7309
CRU 21ST NCR	#	0	0	0	0	0	0	0	0	0	0	0	0	8	200
	\$	0	0	0	0	0	0	0	0	0	0	0	0	27	248
SUBTOTALS				#	0	0	0	0	0	0	0	0	0	249	6182
				\$	0	0	0	0	0	0	0	0	0	848	7653
ORU NAVCONSTRREG STAFF	#	0	0	0	0	0	0	0	0	0	0	0	0	4	40
	\$	0	0	0	0	0	0	0	0	0	0	0	0	14	50
ORU NPCB	#	0	0	0	0	0	0	0	0	0	0	0	0	16	1408
	\$	0	0	0	0	0	0	0	0	0	0	0	0	55	1743
SUBTOTALS				#	0	0	0	0	0	0	0	0	0	20	1448
				\$	0	0	0	0	0	0	0	0	0	69	1793
PAGE TOTALS				#	0	0	0	0	0	0	0	0	0	269	7630
				\$	0	0	0	0	0	0	0	0	0	917	9446

GENERAL PURPOSE FORCES				NAVAL FORCES				NAVAL SUPPORT FORCES				(COSTS IN 1000)				
52386N				DEEP SURVIVANCE SYSTEMS												
				ACTIVE NAVY												
				CIV.	OFF	FNL	TOT	120 DRILL	84 DRILL	60 DRILL	RESERVE NAVY	24 DRILL	TOTAL RESERVE			
				PH-US	OFF	FNL	TOT	OFF	OFF	OFF	OFF	OFF	OFF	OFF	FAL	
SRU ASR-A CLASS				1	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS				1	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS				1	0	0	0	0	0	0	0	0	0	0	0	0
NAVAL FORCES				TOTAL	1	0	727	10480	11207	1108	1088	2776	518	8732	1665	21857
					0	14672	52377	108049	7086	1832	3871	1993	11807	5673	27057	0
																4150
																18652
																44565

GENERAL PURPOSE FORCES		MOBILITY FORCES		TROOP CARGO TRANSPORT		ACTIVE NAVY		(COSTS IN 1000)															
54302N		CIV.		CH-US		OFF		ENL		TOT		120 DRILL		84 DRILL		60 DRILL		RESERVE NAVY		24 DRILL		TOTAL RESERVE	
UNITS	#	0	0	0	0	0	0	0	0	0	0	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
CPU TRANSPORTATION	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

GENERAL PURPOSE FORCES		MORTALITY FORCES		COSTS IN 1000)	
54316N		MSC HEADQUARTERS			
		ACTIVE NAVY			
	CIV- PH-US	OFF	ENL	TOT	
CRU MSC COM	1	0	0	0	
CRU MSC OFFICES	1	0	0	0	
SUBTOTALS					
ORU MSC COM/HQ	1	0	0	0	
ORU MSC OFFICES	1	0	0	0	
SUBTOTALS					
PAGE TOTALS					

		RESERVE NAVY		24 CRILL		TOTAL RESERVE	
		60 DRILL OFF	48 DRILL OFF	24 CRILL OFF	ENL	OFF	ENL
CRU MSC COM	1	0	0	0	42	0	42
CRU MSC OFFICES	1	0	136	0	52	0	136
SUBTOTALS					0	0	0
ORU MSC COM/HQ	1	0	0	182	0	182	210
ORU MSC OFFICES	1	0	0	406	0	406	218
SUBTOTALS					0	0	0
PAGE TOTALS					0	0	0

		RESERVE NAVY		24 CRILL		TOTAL RESERVE	
		60 DRILL OFF	48 DRILL OFF	24 CRILL OFF	ENL	OFF	ENL
CRU MSC COM	1	0	0	0	42	0	42
CRU MSC OFFICES	1	0	136	0	52	0	136
SUBTOTALS					0	0	0
ORU MSC COM/HQ	1	0	0	182	0	182	210
ORU MSC OFFICES	1	0	0	406	0	406	218
SUBTOTALS					0	0	0
PAGE TOTALS					0	0	0

(CCSTS IN 1000)

GENERAL PURPOSE FORCES
54321N
PORT TERMINAL OPERATIONS
MOBILITY FORCES
ACTIVE NAVY

CIV. CH-US	OFF	FNL	TOT	120 DRILL		84 DRILL		60 DRILL		RESERVE NAVY		24 DRILL		TOTAL RESERVE	
				OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
0.0 TRANSPORTATION: UNITS #	0	0	0	0	0	0	0	0	0	0	0	0	0	12	21
\$	0	0	0	0	0	0	0	0	0	0	0	0	0	41	26
SUBTOTALS #	0	0	0	0	0	0	0	0	0	0	0	0	0	12	21
\$	0	0	0	0	0	0	0	0	0	0	0	0	0	41	26
PAGE TOTALS #	0	0	0	0	0	0	0	0	0	0	0	0	0	12	21
\$	0	0	0	0	0	0	0	0	0	0	0	0	0	41	26
MOBILITY FORCES TOTAL #	0	0	0	0	0	0	0	0	0	0	0	182	210	442	796
\$	0	0	0	0	0	0	0	0	0	0	0	406	218	1292	544
GENERAL PURPOSE FORCES TOTAL #	0	255	12600	17455	1364	1120	1052	2808	25853	556	10294	182	210	5338	40281
\$	0	17254	112265	129519	8723	1886	4702	3916	32007	2140	13620	406	218	23413	51947

AUXILIARY FORCES
53131W
INTELLIGENCE AND SECURITY
FLEET INTELLIGENCE SUPPORT ACTIVITY
ACTIV. NAVY
RESERVE NAVY
(COSTS IN 1000)

ALXILIARY FORCES 5132N INTELLIGENCE AND SECURITY CRYPTOLOGIC ACTIVITIES (COSTS IN 1000)

	ACTIVE NAVY			120 DRILL			84 DRILL			60 DRILL			RESERVE NAVY			24 DRILL			TOTAL RESERVE		
	PH-US	OFF	ENL	TCT	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
ORU CV SECGRU	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ORU NATIONAL SECGRU	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ORU SECGRU ACTIVITY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ORU SECGRU COMMAND	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ORU SECGRU COMSTA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ORU SFCGRU TRAINING	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ORU SECURITY STATION	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ORU TGU SECGRU	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SUBTOTALS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PAGE TOTALS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

AUXILIARY FORCES 53137N		ELINT CENTERS		INTELLIGENCE AND SECURITY		(CCSTS IN 1000)																			
		CIV.		ACTIVE NAVY		120 DRILL				60 DRILL				RESERVE NAVY				24 DRILL				TOTAL RESERVE			
		OH-US		CCE		FNL		TOT		OFF		ENL		OFF		ENL		OFF		ENL		OFF		ENL	
ORU	ELINT CENTER	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUPTOTALS		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ALXILIARY FORCES 53138N		INTELLIGENCE AND SECURITY INTELLIGENCE PRODUCTION ACTIVITIES				(COSTS IN 1000)									
		ACTIVE NAVY				RESERVE NAVY				TOTAL RESERVE					
CIV. -H-US		OFF	ENL	TCT	120 DRILL OFF	60 DRILL OFF	48 DRILL OFF	24 DRILL OFF	OFF	ENL	OFF	ENL			
ORU AREA ANALYSIS	\$	0	0	0	0	0	0	0	0	0	0	0			
ORU FLT OCEAN INFO	\$	0	0	0	0	0	0	0	0	0	0	0			
ORU OCEAN INFC	\$	0	0	0	0	0	0	0	0	0	0	0			
ORU OP INTELL	\$	0	0	0	0	0	0	0	0	0	0	0			
SUBTOTALS		\$	0	0	0	0	0	0	0	0	0	0			
PAGE TOTALS		\$	0	0	0	0	0	0	0	0	0	0			

AUXILIARY FORCES		INTELLIGENCE AND SECURITY										(COSTS IN 1000)											
53130N		SCIENTIFIC AND TECHNICAL INTELLIGENCE																					
		ACTIVE NAVY																					
		CIV.		OFF		ENL		TOT		120 DPTILL		84 CRILL		60 CRILL		RESERVE NAVY		48 DPTILL		24 DPTILL		TOTAL RESERVE	
		#	\$	#	\$	#	\$	#	\$	#	\$	#	\$	#	\$	#	\$	#	\$	#	\$	#	\$
ORU NISC		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU NISC SUPPORT		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUSTOTALS		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS		4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

AUXILIARY FORCES
53140N INTELLIGENCE DATA HANDLING
INTELLIGENCE AND SECURITY
ACTIVE NAVY

(COSTS IN 1000)

	CIV. DM-US	120 PRILL			P4 CRILL			RESERVE NAVY			24 PRILL			TOTAL FF'ERVE		
		OFF	ENL	TCT	OFF	ENL	TCT	60 PRILL	48 PRILL	36 PRILL	OFF	ENL	TCT	OFF	ENL	TCT
OPU DATA/COMM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU INTFL PROCESS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SURTOTALS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

AUXILIARY FORCES		INTELLIGENCE AND SECURITY										(COSTS IN JC00)							
53141N		INTELLIGENCE MANAGEMENT AND SUPPORT ACTIVITIES																	
		ACTIVE NAVY			TCT			120 DRILL		84 DRILL		60 DRILL		RESERVE NAVY		24 DRILL		TOTAL PESTPVE	
		CIV.	CH-US	CFF	ENL	TCT	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
ORU INTELL AUDIT		#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU INTELL CHMD		#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU INTELL COLLECT		#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU INTELL DISSEM		#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OPU OSD/JCS PI		#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS		#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS		#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

AUXILIARY FORCES 58112N		INTELLIGENCE AND SECURITY SPECIALIZED TRAINING				(CCSIS IP 1000)													
		CIV. CH-US		ACTIVE NAVY		TCT		120 DRILL		84 DRILL		60 DRILL		RESERVE NAVY		24 DRILL		TOTAL RESERVE	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
DRU NIPS TRAINING	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

AUXILIARY FORCES			CRYPTOLOGIC COMMUNICATIONS			INTELLIGENCE AND SECURITY			CONSOLIDATED TELECOMMUNICATIONS PROGRAM										COSTS IN 1000	
53143N			ACTIVE NAVY			RESERVE NAVY			24 CRILL		24 CRILL		24 CRILL		TOTAL RESERVE					
CIV. CH-US			CFF			FNL			TGT			OFF		FNL		OFF		FNL		
ORU SECGRU ACTIVITY	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU SECGRU COMSTA	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS			#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS			#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

AUXILIARY FORCES
53144N

INTELLIGENCE AND SECURITY
INTELLIGENCE COMPLICATIONS
ACTIVE NAVY

CONSOLIDATED TELECOMMUNICATIONS PROGRAM

(CCST5 1A 1000)

CIVILIAN	INTELLIGENCE			ACTIVE NAVY			RESERVE NAVY			DRILL			TOTAL RESERVE		
	CH-US	OFF	ENL	TCF	120 DRILL	60 DRILL	40 DRILL	20 DRILL	OFF	ENL	OFF	ENL	OFF	ENL	
ORU LCC SFCGRU	1	0	0	0	0	0	0	40	0	0	0	0	4	40	
	1	0	0	0	0	0	0	50	0	0	0	0	14	40	
ORU SECGRU ACTIVITY	1	0	0	0	0	0	0	60	0	0	0	0	4	60	
	1	0	0	0	0	0	0	74	0	0	0	0	14	74	
ORU SECGRU CONSTA	1	0	0	0	0	0	0	120	0	0	0	0	12	120	
	1	0	0	0	0	0	0	149	0	0	0	0	41	149	
ORU SECGRU DFT	1	0	0	0	0	0	0	336	0	0	0	0	26	336	
	1	0	0	0	0	0	0	416	0	0	0	0	121	416	
SUBTOTALS	1	0	0	0	0	0	0	556	0	0	0	0	56	556	
	1	0	0	0	0	0	0	684	0	0	0	0	192	684	
PAGE TOTALS	1	0	0	0	0	0	0	556	0	0	0	0	56	556	
	1	0	0	0	0	0	0	684	0	0	0	0	192	684	
INTELLIGENCE AND TOTAL SECURITY	1	0	0	0	0	0	0	3853	304	75	1141	1928	3533	4845	

CENTRALLY MANAGED COMMUNICATIONS										(COSTS IN 1000)		
AUXILIARY FORCES		NAVY COMMUNICATIONS (NAVCOM)		ACTIVE NAVY		RESERVE NAVY		24 DRILL		TOTAL RESERVE		
53154N	CIV-05	CFF	ENL	TCT	120 DRILL	84 DRILL	60 DRILL	48 DRILL	OFF	ENL	CFF	ENL
2RU NAVCOMSTA	1	0	0	0	0	0	0	0	127	0	127	587
	1	0	0	0	0	0	0	0	284	0	284	1222
SUBTOTALS	1	0	0	0	0	0	0	0	127	0	127	587
	1	0	0	0	0	0	0	0	284	0	284	1222
PAGE TOTALS	1	0	0	0	0	0	0	0	127	0	127	587
	1	0	0	0	0	0	0	0	284	0	284	1222

AUXILIARY FORCES		CENTRALLY MANAGED COMMUNICATIONS				CONSOLIDATED TELECOMMUNICATIONS PROGRAM										(COSTS IN 1980)	
53153N		NAVY COMMUNICATIONS (CCS)															
		ACTIVE NAVY															
		CIVILIAN															
		FM-LS															
		OFF	FNL	TCT	120 DPILL	84 DPILL	60 DPILL	40 DPILL	24 DPILL	24 DPILL	24 DPILL	24 DPILL	24 DPILL	24 DPILL	24 DPILL		
		OFF	FNL	TCT	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF		
ORU NAVCONSTA (DCS)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	80
		1	0	0	0	0	0	0	0	0	0	0	0	0	0	22	82
SUBTOTALS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	80
		1	0	0	0	0	0	0	0	0	0	0	0	0	0	22	82
PAGE TOTALS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	80
		1	0	0	0	0	0	0	0	0	0	0	0	0	0	22	82

AUXILIARY FORCES		CENTRALLY MANAGED COMMUNICATIONS		CONSOLIDATED TELECOMMUNICATIONS PROGRAM										(COSTS IN 1000)				
53158N		CONVSEC		ACTIVE NAVY		120 CRILL		P4 CRILL		60 CRILL		RESERVE NAVY		24 CRILL		TOTAL RESERVE		
		CIV.	CH-US	OFF	FNL	TCT	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	ENL	
ORU SECGRU COMSTA		#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	240
		\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	297
SUPTOTALS		#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	240
		\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	297
PAGE TOTALS		#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	240
		\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	297
CENTRALLY MANAGE TOTAL		#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	240
		\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	297
D COMMUNICATIONS																	161	1307
																	388	1602

ALXILIARY FORCES		RESEARCH AND DEVELOPMENT		COSTS IN 1000													
562944		R & D LABORATORIES		ACTIVE NAVY		120 DPILL		84 DPILL		60 DPILL		RECEIVE NAVY		24 DPILL		TOTAL RESERVE	
		CIV.		OFF	ENL	TOT	OFF	ENL	OFF	ENL	OFF	ENL	4A DRILL	OFF	ENL	OFF	ENL
		TH-05															
ORU AIR SYS TRE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16
ORU RESEARCH LAB	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17
ORU U/V SOUNU REF DIV	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU UNDEPWATER ORC	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU WEAPONS LAB	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(CCSIS IN 1000)

AUXILIARY FORCES 53170N

WEATHER SERVICE

GEOPHYSICAL ACTIVITIES

CIV. CM-US

ACTIVE NAVY

OFF FNL TCT

100 PRILL

24 PRILL

60 PRILL

RESERVE NAVY

48 PRILL

24 PRILL

60 PRILL

TOTAL RESERVE

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

WEATHER SERVICE

GEOPHYSICAL ACTIVITIES

CIV. CM-US

ACTIVE NAVY

OFF FNL TCT

100 PRILL

24 PRILL

60 PRILL

RESERVE NAVY

48 PRILL

24 PRILL

60 PRILL

TOTAL RESERVE

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

OFF FNL

MISSION SUPPORT FORCES BASE OPERATING SUPPORT COSTS IN 1000

52401N SEA CONTROL/PROFECTICA - AIR BASE OPERATIONS

(CIV. PH-UI) ACTIVE NAVY

		OFF	FUL	TOT	120 CRILL	P4 CRILL	CO CRILL	RESERVE	44 CRILL	20 CRILL	CRILL	TOTAL FISH	ERL
					OFF	OFF	OFF		OFF	OFF		OFF	
OKU INTERMED UNICE ACT	1	0	0	0	0	0	0	0	0	0	0	0	0
OKU HAS (MAJOR)	2	0	0	0	0	0	0	0	0	0	0	0	0
OKU MAVAL AIR STATIONS	3	0	0	0	0	0	0	0	0	0	0	0	0
OKU MAVAL STATION	4	0	0	0	0	0	0	0	0	0	0	0	0
SUPTOTALS	1	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS	2	0	0	0	0	0	0	0	0	0	0	0	0

(COSTS IN 1000)

MISSION SUPPORT FORCES EAST OPERATING SUPPORT
SEA CONTROL - AIR BASE OPERATIONS

	CIV. ON-US	ACTIVE NAVY		TOT	120 DRILL		84 DRILL		60 DRILL		RESERVE NAVY		24 DRILL		TOTAL RESERVE	
		OFF	ENL		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
ORU INTERMED MNTCE ACT	1	0	0	0	0	0	0	0	0	0	0	0	0	0	27	450
	2	0	0	0	0	0	0	0	0	0	0	0	0	0	52	857
ORU NAS (MAJOR)	3	0	0	0	0	0	0	0	0	0	0	0	0	0	54	652
	4	0	0	0	0	0	0	0	0	0	184	0	0	0	184	858
ORU NAV AIR FACILITIES	5	0	0	0	0	0	0	0	0	0	0	0	0	0	25	350
	6	0	0	0	0	0	0	0	0	0	85	0	0	0	85	422
ORU NAVAL AIR STATIONS	7	0	0	0	0	0	0	0	0	0	0	0	0	0	30	382
	8	0	0	0	0	0	0	0	0	0	102	0	0	0	102	477
ORU NAVAL STATION	9	0	0	0	0	0	0	0	0	0	0	0	0	0	42	567
	10	0	0	0	0	0	0	0	0	0	142	0	0	0	142	702
SUBTOTALS	11	0	0	0	0	0	0	0	0	0	0	0	0	0	171	2445
	12	0	0	0	0	0	0	0	0	0	602	0	0	0	602	3027
PAGE TOTALS	13	0	0	0	0	0	0	0	0	0	175	0	0	0	175	2495
	14	0	0	0	0	0	0	0	0	0	602	0	0	0	602	3027

MISSION SUPPORT FORCES
52405N FLEET SUPPORT (PCMT) BASE OPERATIONS
ACTIVE NAVY

(COSTS IN 1000)

	CIV. CH-US	ACTIVE NAVY			RESERVE NAVY			74 FILL			TOTAL RESERVE		
		OFF	FNL	TCT	120 FILL OFF	P4 DRILL OFF	60 DRILL OFF	48 DRILL OFF	24 FILL OFF	74 FILL FNL	OFF	FNL	FNL
ORU AMPHIBASE	# 0	0	0	0	0	0	0	0	0	0	0	0	0
ORU NAVSHORE ACT (L)	# 0	0	0	0	0	0	0	0	0	0	0	0	0
ORU NAVSHORE ACT (M)	# 0	0	0	0	0	0	0	0	0	0	0	0	0
ORU NAVSHORE ACT (S)	# 0	0	0	0	0	0	0	0	0	0	0	0	0
ORU POL	# 0	0	0	0	0	0	0	0	0	0	0	0	0
ORU SERV CRAFT	# 0	0	0	0	0	0	0	0	0	0	0	0	0
ORU SUPBASE	# 0	0	0	0	0	0	0	0	0	0	0	0	0
ORU SUBSUPPFAC	# 0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	# 0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS	# 0	0	0	0	0	0	0	0	0	0	0	0	0

MISSION SUPPORT FORCES BASE OPERATING SUPPORT
 52407N FLEET LOGISTICS SUPPORT BASE OPERATIONS
 ACTIVE NAVY

CCSTS IN 1000

CIV. CH-US	120 CPILL		84 DRILL		60 DRILL		RESERVE NAVY		24 DRILL		TOTAL RESERVE	
	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
GRU NAVAL STOCK POINTS	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
SUB-TOTALS	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0

MISSION SUPPORT FORCES BASE OPERATING SUPPORT CONSOLIDATED TFLC COMMUNICATIONS PROGRAM (CCS'S IN 1000)

52402N SEA CONTROL/PROJECTION - AIR BASE COMMUNICATIONS

CIV.	DH-US	ACTIVE NAVY			120 DRILL			64 DRILL			60 DRILL			RESERVE NAVY			24 DRILL			TOTAL RESERVE		
		OFF	ENL	TCT	OFF	FNL		OFF	ENL		OFF	FNL		OFF	FNL	OFF	ENL	OFF	ENL	OFF	ENL	
ORU BASE CONS.	TFLECOM.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SUPTOTALS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PAGE TOTALS		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

MISSION SUPPORT FORCES		BASE OPERATING SUPPORT		CONSOLIDATED TELECOMMUNICATIONS PROGRAM										(COSTS IN 1000)		
52404N SEA CONTROL - AIR BASE COMMUNICATIONS		ACTIVE NAVY		129 DRILL		84 DRILL		60 DRILL		48 DRILL		24 DRILL		TOTAL RESERVE		
CIV.	CH-US	CFF	FNL	TCT	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	CFF	ENL
ORU BASE CONS. TELECOM.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	7	154
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	16	191
SUBTOTALS	2	0	0	0	0	0	0	0	0	0	0	0	0	0	7	154
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	16	191
PAGE TOTALS	2	0	0	0	0	0	0	0	0	0	0	0	0	0	7	154
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	16	191

MISSION SUPPORT FORCES BASE OPERATING SUPPORT CONSOLIDATED TELECOMMUNICATIONS PROGRAM (CCSIS IN 1000)

52406N FLEET SUPPORT(PCRT) BASE COMMUNICATIONS ACTIVE NAVY

CIV.	NM-US	OFF	ENL	TCT	120 DRILL		84 DRILL		60 DRILL		RESERVE NAVY		24 DRILL		TOTAL RESERVE		
					OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
ORU BASE CONS. YFLECOM.	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	110
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	136
SUBTOTALS	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	110
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	136
PAGE TOTALS	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	110
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	136
BASE OPERATING \$ TOTAL	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	964	10716
SUPPORT	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2672	13265

MISSION SUPPORT FORCES										FORCE SUPPORT TRAINING										COSTS IN 1000																			
52413N FLFET SUPPORT TRAINING										ACTIVE NAVY										RESERVE NAVY																			
CIV. FH-US					TCT					120 DPILL					84 DPILL					60 DPILL					48 DPILL					24 DPILL					TOTAL RESERVE				
#	\$	#	\$	#	#	ENL	OFF	ENL	TCT	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL										
CRU FLTRAGRU																																							
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
CRU UNWAYTPA																																							
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
SUBTOTALS																																							
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
ORU FLTRAGRU																																							
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
ORU NUCCAPTRA																																							
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
SUBTOTALS																																							
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
PAGE TOTALS																																							
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
FORCE SUPPORT TP TOTAL																																							
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
AINING																																							
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								

(COSTS IN 1000)

MISSION SUPPORT FORCES COMMAND
50104N INTERNATIONAL MILITARY HQ AND AGENCIES
ACTIVE NAVY

CIV. DH-US	CFF	FNL	TPI	120 DRILL		84 DRILL		60 DRILL		RESERVE NAVY 48 DRILL		24 DRILL		TOTAL RESERVE	
				OFF	ENL	OFF	ENL	CFF	ENL	OFF	ENL	OFF	ENL	CFF	ENL
ORU ACLANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	0	0	0	0	0	174	83	134	83
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	0	0	0	0	0	134	83	134	83
PAGE TOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	0	0	0	0	0	134	83	134	83

MISSION SUPPORT FORCES		COMMAND (OFFENSIVE)		ACTIVE NAVY		120 DRILL		84 DRILL		60 DRILL		RESERVE NAVY		24 DRILL		TOTAL RESERVE	
51631H		CIV.		INL		OFF		INL		OFF		FNL		OFF		FNL	
		TH-US															
ORU	SLBGROUP STAFF	#	0	0	0	0	0	0	0	0	0	0	0	0	21	0	21
		1	0	0	0	0	0	0	0	0	0	0	0	47	0	47	
OKU	SUBRON STAFF (FBP)	#	0	0	0	0	0	0	0	0	0	0	0	20	0	20	
		1	0	0	0	0	0	0	0	0	0	0	45	0	45		
SUBTOTALS		#	0	0	0	0	0	0	0	0	0	0	0	81	0	81	
		1	0	0	0	0	0	0	0	0	0	0	101	0	92		
PAGE TOTALS		#	0	0	0	0	0	0	0	0	0	0	0	81	0	81	
		1	0	0	0	0	0	0	0	0	0	0	101	0	92		

(COSTS IN 1000)

MISSION SUPPORT FORCES COMPANY
52301N LANTCOM

(COSTS IN 1000)

	CIV. M-US	ACTIVE NAVY			TCT	120 DRILL			24 DRILL			60 DRILL			RESERVE NAVY			24 DRILL			TOTAL RESERVE		
		#	\$			OFF	FNL	OFF	ENL		OFF	ENL		OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL
OPU UNIFIED CINCS						0	0	0	0	0	0	0	0	0	0	0	0	0	27	33	27	33	
						0	0	0	0	0	0	0	0	0	0	0	0	0	60	34	60	34	
ORU UNIFIED COMMAND						0	0	0	0	0	0	0	0	0	0	0	0	0	34	32	34	32	
						0	0	0	0	0	0	0	0	0	0	0	0	0	74	33	74	33	
SUBTOTALS						0	0	0	0	0	0	0	0	0	0	0	0	0	61	65	61	65	
						0	0	0	0	0	0	0	0	0	0	0	0	0	136	67	136	67	
PAGE TOTALS						0	0	0	0	0	0	0	0	0	0	0	0	0	61	65	61	65	
						0	0	0	0	0	0	0	0	0	0	0	0	0	136	67	136	67	

(CCSTS IN 1000)

MISSION SUPPORT FORCES
52302N PACOM COMPANY

	CIV. CH-US	ACTIVE NAVY			120 FRILL		84 FRILL		60 FRILL	RESERVE NAVY			24 FRILL		TOTAL RESERVE	
		CFE	ENL	TCT	OFF	FNL	OFF	FNL	OFF	FRILL	OFF	ENL	OFF	ENL	OFF	ENL
ORU UNIFIED COMPAND	# 0	0	0	0	0	0	0	0	0	0	0	0	8	10	8	10
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	18	10	18	10
SUBTOTALS	# 0	0	0	0	0	0	0	0	0	0	0	0	8	10	8	10
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	18	10	18	10
PAGE TOTALS	# 0	0	0	0	0	0	0	0	0	0	0	0	8	10	8	10
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	18	10	18	10

MISSION SUPPORT FORCES 52303N		COMMAND		(COSTS IN 1000)													
OTHER		CIV. FM-US	ACTIVE NAVY		120 DRILL		84 DRILL		60 DRILL		RESERVE NAVY 48 DRILL		24 DRILL		TOTAL RESERVE		
			OFF	FNL	TOT	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL
ORU UNIFIED CINCS	#	0	0	0	0	0	0	0	0	0	0	0	0	27	33	27	33
	\$	0	0	0	0	0	0	0	0	0	0	0	0	60	60	60	60
SUBTOTALS	#	0	0	0	0	0	0	0	0	0	0	0	0	27	33	27	33
	\$	0	0	0	0	0	0	0	0	0	0	0	0	60	60	60	60
PAGE TOTALS	#	0	0	0	0	0	0	0	0	0	0	0	0	27	33	27	33
	\$	0	0	0	0	0	0	0	0	0	0	0	0	60	60	60	60

MISSION SUPPORT FORCES COMMAND
52421N FLEET COMMAND

(CCSTS IN 1000)

ACTIVE NAVY

RESERVE NAVY

TOTAL RESERVE

	CIV. DH-US	ACTIVE NAVY			RESERVE NAVY			TOTAL RESERVE		
		OFF	FNL	TOT	120 DRILL OFF	120 DRILL ENL	120 DRILL OFF	60 DRILL OFF	60 DRILL FNL	60 DRILL OFF
CPU CONVOYCOM	#	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0
CRU LIAISON OFFICES	#	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0
CRU NAV CONT OF SHIPP'G	#	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0
CPU R/V CONVOYCOM	#	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0
SUBTOTALS										
	#	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0
ORU FLEET COMMAND STAFF	#	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0
ORU FLEETSEABEE STAFF	#	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0
ORU FORCE/AREA COP-STAFF	#	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0
ORU UNDIST. ADS.	#	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0
SUBTOTALS										
	#	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0
PAGE TOTALS										
	#	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0

	24 DRILL OFF	24 DRILL FNL	TOTAL RESERVE OFF	TOTAL RESERVE FNL
CPU CONVOYCOM	130	182	130	182
	290	189	290	189
CRU LIAISON OFFICES	0	0	0	0
	84	70	84	70
CRU NAV CONT OF SHIPP'G	0	0	0	0
	338	611	338	611
CPU R/V CONVOYCOM	0	0	0	0
	1152	757	1152	757
SUBTOTALS				
	91	130	91	130
	202	135	202	135
ORU FLEET COMMAND STAFF	221	312	221	312
	495	324	495	324
ORU FLEETSEABEE STAFF	0	0	0	0
	314	483	314	483
	1070	598	1070	598
ORU FORCE/AREA COP-STAFF	0	0	0	0
	8	100	8	100
	27	124	27	124
ORU UNDIST. ADS.	0	0	0	0
	199	242	199	242
	678	300	678	300
SUBTOTALS				
	-69	0	-69	0
	-234	0	-234	0
	452	824	452	824
	1541	1022	1541	1022
PAGE TOTALS				
	221	712	221	712
	495	324	495	324
	874	1507	874	1507
	2979	1866	2979	1866
	1095	1815	1095	1815
	3472	2190	3472	2190

MISSION SUPPORT FORCES COMMAND
52422N SEA CONTROL/PROJECTION COMMAND
ACTIVE NAVY

(CCSTS IN 1000)

	CIV. CH-US	ACTIVE NAVY			120 DRILL			84 DRILL			60 DRILL			RESERVE NAVY			24 DRILL			TOTAL RESERVE		
		OFF	ENL	TCT	OFF	ENL	TCT	OFF	ENL	TCT	OFF	ENL	TCT	OFF	ENL	TCT	OFF	ENL	TCT	OFF	ENL	TCT
CRU CVR	#	0	14	10	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	283	89	0	0	372	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	#	0	14	10	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	283	89	0	0	372	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU AIR TYCOM	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU CARRIER AEW WING	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU CARRIER AIR WING	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU CARRIER GROUP	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU FIGHTER WING	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU LIGHT ATTACK WING	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU MEDIUM ATTACK WING	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU RECON ATTACK WING	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS	#	0	14	10	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	283	89	0	0	372	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MISSION SUPPORT FORCES COMMAND
52424N SEA CONTROL (AIR) COMMAND ACTIVE NAVY

(CCSTS JA 1000)

	CIV. ON-US	OFF	FNL	TOT	120 DRILL			84 DRILL			60 DRILL			RESERVE NAVY			48 DRILL			24 DRILL			TOTAL RESERVE		
					OFF	FNL	OFF	OFF	FNL	OFF	OFF	FNL	OFF	OFF	FNL	OFF	OFF	FNL	OFF	OFF	OFF	OFF	OFF	OFF	OFF
CRU CVSGR	#	0	10	14	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	292	125	127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	#	0	10	14	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	202	125	327	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU ASV OPCON VAN TSU	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU ASW SUPPORT	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU ASW WING	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU ASWOPCON 2ND FLT.	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU ASWTSULANT	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU ASWING TSUPAC	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU PATROL WING	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU PATWING TSUPACT	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU RESPATWINGLANIT	#	0	6	9	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	121	80	201	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU RESPATWINGPAC	#	0	4	9	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	91	80	161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU TSU 7TH FLT	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU TSULANT	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU TSUPAC	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	#	0	10	18	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	202	160	362	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS	#	0	20	32	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	464	285	649	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MISSION SUPPORT FORCES COMMAND (COSTS IN 1000)

52425N SEA CONTROL (SURFACE) COMMAND ACTIVE NAVY

	CIV. CH-US	CFF	ENL	TCT	120 DRILL		84 DRILL		60 DRILL		48 DRILL		24 DRILL		TOTAL RESERVE	
					OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
CRU DESRON STAFFS NRF	# 0	10	16	26	0	0	0	0	0	0	0	0	6	0	6	16
	\$ 0	202	143	345	0	0	0	0	0	0	0	0	13	0	13	22
CRU DESRON STAFF NRF	# 0	12	21	33	0	0	0	0	0	0	0	0	5	0	5	27
	\$ 0	243	187	430	0	0	0	0	0	0	0	0	21	0	21	32
CRU MINDIV (NRF)	# 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	35
SUPTOTALS																
	# 0	22	37	59	0	0	0	0	0	0	0	0	18	0	18	72
	\$ 0	445	330	775	0	0	0	0	0	0	0	0	34	0	106	90
ORU COMINERONS	# 0	0	12	12	0	0	0	0	0	0	0	0	0	0	0	0
	\$ 0	0	107	107	0	0	0	0	0	0	0	0	0	0	0	0
ORU CRUDESGRU STAFF	# 0	0	0	0	0	0	0	0	0	0	0	0	30	0	30	60
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	67	0	67	74
ORU CRUDESLANTSTAFF	# 0	0	0	0	0	0	0	0	0	0	0	0	6	0	6	10
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	13	0	13	12
ORU CRUDESPACSTAFF	# 0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	50
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	9	0	9	62
ORU DESDEVGRU STAFF	# 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	12
ORU DESLANT DETS	# 0	0	0	0	0	0	0	0	0	0	0	0	30	0	30	6
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	67	0	67	7
ORU DESPAC DETS	# 0	0	0	0	0	0	0	0	0	0	0	0	20	0	20	4
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	45	0	45	5
ORU DESRON STAFFS	# 0	0	0	0	0	0	0	0	0	0	0	0	8	0	8	142
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	18	0	18	176
ORU MINELWARFARE STAFF	# 0	16	35	51	0	0	0	0	0	0	0	0	0	0	0	50
	\$ 0	323	312	635	0	0	0	0	0	0	0	0	0	0	24	62
SUPTOTALS																
	# 0	16	47	63	0	0	0	0	0	0	0	0	92	0	112	324
	\$ 0	323	419	747	0	0	0	0	0	0	0	0	219	0	267	412
PAGE TOTALS																
	# 0	38	84	122	0	0	0	0	0	0	0	0	113	0	148	407
	\$ 0	768	749	1517	0	0	0	0	0	0	0	0	253	0	373	502

MISSION SUPPORT FORCES COMPANY
52426N SEA CONTROL (SURFACE) COMPANY
ACTIVE NAVY

CIV. DH-US	COMPANT			RESERVE NAVY			24 DRILL			TOTAL RESERVE		
	OFF	FNL	TCT	60 DRILL OFF	48 DRILL OFF	24 DRILL OFF	24 DRILL OFF	24 DRILL OFF	24 DRILL OFF	24 DRILL OFF	24 DRILL OFF	
ORU SUBDEVGRU	# 0	0	0	0	0	0	0	0	0	0	0	0
ORU SUBPCUP STAFF	# 0	0	0	0	0	0	0	0	0	0	0	0
ORU SLBLANT STAFF	# 0	0	0	0	0	0	0	0	0	0	0	0
ORU SUBMED STAFF	# 0	0	0	0	0	0	0	0	0	0	0	0
ORU SUBPAC STAFF	# 0	0	0	0	0	0	0	0	0	0	0	0
ORU SUBRON STAFF (ATTACK)	# 0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	# 0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS	# 0	0	0	0	0	0	0	0	0	0	0	0

(COSTS IN 1000)

MISSION SUPPORT FORCES COMMAND
52427N SEA PROJECTION COMPAKE

	CIV. DH-US	ACTIVE NAVY		120 DRILL		84 DRILL		60 DRILL		RESERVE NAVY		24 DRILL		TOTAL RESERVE	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
ORU APPHIITYCON STAFF	# 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU PHIBGRU STAFFS	# 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU PHIBRON STAFFS	# 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SURTOTALS	# 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS	# 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(CCS'S IN 1000)

MISSION SUPPORT FORCES COMMAND (COSTS IN 1000)

52428N INSHORE WARFARE ACTIVE NAVY

CIV.	CH-US	CFF	ENL	TCT	120 DRILL		P4 DRILL		60 DRILL		48 DRILL		24 DRILL		TOTAL RESERVE		
					OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
URU SPECWAR STAFF	# 0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	12	36
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	27	0	27	45
SURTOTALS	# 0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	12	36
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	27	0	27	45
PAGE TOTALS	# 0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	12	36
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	27	0	27	45

MISSION SUPPORT FORCES COMPARE: (CCSTS IN 1000)

52429N	MOBILE FORCES COMMAND	CIV. PH-US	ACTIVE NAVY		TCT	120 DRILL		24 DRILL		60 DRILL	RESERVE NAVY	24 DRILL	TOTAL RESERVE	
			OFF	ENL		OFF	ENL	OFF	ENL	OFF	OFF	OFF	OFF	ENL
ORU SERVANT		# 0	0	0	0	0	0	0	0	0	0	33	33	55
		\$ 0	0	0	0	0	0	0	0	0	0	74	74	68
ORU SFRVPAC		# 0	0	0	0	0	0	0	0	0	0	14	14	10
		\$ 0	0	0	0	0	0	0	0	0	0	31	31	12
ORU SERVIRON/GRU		# 0	0	0	0	0	0	0	0	0	0	110	110	200
		\$ 0	0	0	0	0	0	0	0	0	0	245	245	271
SURTOTALS		# 0	0	0	0	0	0	0	0	0	0	157	157	365
		\$ 0	0	0	0	0	0	0	0	0	0	350	350	451
PAGE TOTALS		# 0	0	0	0	0	0	0	0	0	0	157	157	365
		\$ 0	0	0	0	0	0	0	0	0	0	350	350	451

MISSION SUPPORT FORCES COMMAND
53584N COMMAND

(CCSTS IN 1000)

	CIVILIAN DM-CC	ACTIVE NAVY			120 DRILL			84 DRILL			60 DRILL			RESERVE NAVY			24 DRILL			TOTAL RESERVE		
		#	\$		CFF	FNL	TOT	OFF	ENL	OFF	ENL	OFF	ENL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	ENL	
ORU ATTACHE SYSTEM	#	0		0	0	0	0	0	0	0	0	0	0	0	0	0	40	55	40	55		
	\$	0		0	0	0	0	0	0	0	0	0	0	0	0	0	80	57	80	57		
ORU CONTINGENCY GROUP	#	0		0	0	0	0	0	0	0	0	0	0	0	0	0	180	10	180	10		
	\$	0		0	0	0	0	0	0	0	0	0	0	0	0	0	400	31	400	31		
ORU REFENSE INTEL	#	0		0	0	0	0	0	0	0	0	0	0	0	0	0	64	40	64	40		
	\$	0		0	0	0	0	0	0	0	0	0	0	0	0	0	140	42	140	42		
SUPTOTALS	#	0		0	0	0	0	0	0	0	0	0	0	0	0	0	284	125	284	125		
	\$	0		0	0	0	0	0	0	0	0	0	0	0	0	0	634	130	634	130		
IRU ATTACHE	#	0		0	0	0	0	0	0	0	0	0	0	0	0	0	212	98	212	98		
	\$	0		0	0	0	0	0	0	0	0	0	0	0	0	0	470	100	470	100		
SUPTOTALS	#	0		0	0	0	0	0	0	0	0	0	0	0	0	0	212	98	212	98		
	\$	0		0	0	0	0	0	0	0	0	0	0	0	0	0	470	100	470	100		
PAGE TOTALS	#	0		0	0	0	0	0	0	0	0	0	0	0	0	0	496	220	496	220		
	\$	0		0	0	0	0	0	0	0	0	0	0	0	0	0	1107	232	1107	232		

MISSION SUPPORT FORCES COMMAND (INCL. SPT REF AGENCY) 57244N (CCCTS IN 1000)

	CIV. DR-US	CFF	FNL	TOT	120 DRILL		P4 CPILL		60 DRILL		40 DRILL		24 CPILL		TOTAL RESERVE	
					OFF	ENL	OFF	EPL	OFF	FNL	OFF	FNL	OFF	FNL	OFF	ENL
ORU AIR SYS HQ	\$ 0	0	0	0	0	0	0	0	0	0	0	0	50	10	50	10
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	11	10	112	10
ORU PCASR	\$ 0	0	0	0	0	0	0	0	0	0	0	0	90	0	90	22
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	221	0	221	22
ORU OSA CONTROL	\$ 0	0	0	0	0	0	0	0	0	0	0	0	90	10	90	10
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	221	10	221	10
ORU OSA DEPOT	\$ 0	0	0	0	0	0	0	0	0	0	0	0	12	0	12	0
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	27	0	27	0
ORU NAVELEX HQ	\$ 0	0	0	0	0	0	0	0	0	0	0	0	15	0	15	0
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	11	0	11	0
ORU NAVFAC HQ (FAC)	\$ 0	0	0	0	0	0	0	0	0	0	0	0	196	0	196	0
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	196	0	196	0
ORU NAVMAT HQ	\$ 0	0	0	0	0	0	0	0	0	0	0	0	11	0	11	0
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	25	0	25	0
ORU NAVOPC HQ	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU NAVSHIPS DIVING/SLVG	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OPU NAVSHIPS INOSTR. SUP	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU NAVSHIPS FP & FM	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU NSUP	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU OCEANO	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUPTOTALS	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	\$ 0	72	126	158	0	0	0	0	0	0	0	0	0	0	0	0
	\$ 0	1455	1123	2578	0	0	0	0	0	0	0	0	0	0	0	0
MISSION SUPPORT FORCES	\$ 0	72	126	158	0	0	0	0	0	0	0	0	0	0	0	0
	\$ 0	1455	1123	2578	0	0	0	0	0	0	0	0	0	0	0	0

CENTRAL SUPPORT FORCES 57223N										BASE OPERATING SUPPORT PUBLIC WORKS CENTERS										(CCSTS IN 1000)									
CIVILIAN		ACTIVE NAVY		120 DRILL		84 DRILL		60 DRILL		RESERVE NAVY		24 DRILL		TOTAL RESERVE															
DRILL	OFF	ENL	TOT	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL														
ORU PUBLIC WORKS CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
PAGE TOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0														

CENTRAL SUPPORT FORCES BASE OPERATIONS SUPPORT
 57243N BASE OPERATIONS (NAVY)
 ACTIVE NAVY

CRU ADV AIR CARGO TYPE	CIV. CH-US	C-E	FNL	TCT	120 DRILL		84 DRILL		60 DRILL		RESERVE NAVY		74 DRILL	TOTAL RESERVE
					OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL		
CRU ADV AIR CARGO TYPE	1	0	0	0	0	0	0	0	0	0	0	0	0	0
CRU ADV SUPPLY BASE(MIN)	1	0	0	0	0	0	0	0	0	0	0	0	0	0
CRU FERRO CEMENT ROAT CT	1	0	2	6	8	0	0	0	0	0	0	0	0	0
	1	0	40	53	53	0	0	0	0	0	0	0	0	0
SUBTOTALS	1	0	2	6	8	0	0	0	0	0	0	0	0	0
OPU CE CENTER	1	0	40	53	53	0	0	0	0	0	0	0	0	0
ORU CCMU	1	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU NCR STAFF	1	0	0	0	0	0	0	0	0	0	0	0	0	0
ORU SHIP PAINT/REPAIR	1	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	1	0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS	1	0	0	6	6	0	0	0	0	0	0	0	0	0
BASF OPERATING S TOTAL	1	0	2	6	8	0	0	0	0	0	0	0	0	0
UPPCKT	1	0	40	53	53	0	0	0	0	0	0	0	0	0

(COSTS IN 1000)

CENTRAL SUPPORT FORCES
58167N
COMPANT
COMMAND (INCL. SPT OF PFF AGENCY)
ACTIVE NAVY

(CCSTS IN 1000)

CIV. PH-US	CFF	FNL	TOT	120 PFILL		84 DRILL		60 DRILL		42 DRILL		24 DRILL		TOTAL RESERVE	
				OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
CRU PERS MOB FET	0	0	0	0	0	0	0	0	0	0	0	150	260	150	260
	1	0	0	0	0	0	0	0	0	0	0	335	274	335	274
SUPTOTALS	0	0	0	0	0	0	0	0	0	0	0	150	260	150	260
ORU CNAIRA HQ	0	0	0	0	0	0	0	0	0	0	0	10	6	10	6
	1	0	0	0	0	0	0	0	0	0	0	22	6	22	6
ORU CNET HQ	0	0	0	0	0	0	0	0	0	12	24	0	0	12	24
	1	0	0	0	0	0	0	0	0	41	20	0	0	41	20
ORU CNTECHTRA HQ	0	0	0	0	0	0	0	0	0	0	0	10	6	10	6
	1	0	0	0	0	0	0	0	0	0	0	22	6	22	6
ORU FLTRA HQ	0	0	0	0	0	0	0	0	0	0	0	24	24	24	24
	1	0	0	0	0	0	0	0	0	0	0	54	24	54	24
ORU HC BUPERS	0	0	0	0	0	0	0	0	0	0	0	22	20	22	20
	1	0	0	0	0	0	0	0	0	0	0	45	63	45	63
ORU NAVCRUITAFEA	0	0	0	0	0	0	0	0	0	0	0	7	21	7	21
	1	0	0	0	0	0	0	0	0	0	0	10	22	10	22
ORU NAVCRUITCOM	0	0	0	0	0	0	0	0	0	0	0	17	0	17	0
	1	0	0	0	0	0	0	0	0	0	0	21	0	21	0
ORU NAVCRUITDIST	0	0	0	0	0	0	0	0	0	0	0	88	88	88	88
	1	0	0	0	0	0	0	0	0	0	0	197	253	197	253
ORU NAVCRUITSTA	0	0	0	0	0	0	0	0	0	0	0	220	22	22	22
	1	0	0	0	0	0	0	0	0	0	0	45	0	45	0
SUPTOTALS	0	0	0	0	0	0	0	0	0	12	46	186	460	186	460
	1	0	0	0	0	0	0	0	0	41	561	416	475	457	1060
PAGE TOTALS	0	0	0	0	0	0	0	0	0	12	46	336	820	348	1265
	1	0	0	0	0	0	0	0	0	41	581	751	852	752	1420

CENTRAL SUPPORT FORCES COMMAND				DEPARTMENTAL HEADQUARTERS				ACTIVE NAVY				RESERVE NAVY				TOTAL RESERVE											
59512N				CIV.				120 DRILL				84 DRILL				60 DRILL				48 DRILL				24 DRILL			
				OH-US	OFF	ENL	TCT	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL				
OPU DCNO (LOGISTICS)				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ORU DCNO (OP-06)				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ORU DAET HQ				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ORU NAV APPELLATE REVACT				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ORU NCSC STAFF				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
OPU OFFICE OF SEC DEF.				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ORU OJAG				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ORU ONR HC				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SURTOTALS				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
PAGE TOTALS				2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

CENTRAL SUPPORT FORCES COMPANY
59513N OTHER FIELD ACTIVITIES (CCSTS IN 1000)

	CIV. FM-US	ACTIVE NAVY			120 DRILL			24 DRILL			60 DRILL			RESERVE NAVY			48 DRILL			24 DRILL			TOTAL RESERVE		
		CFF	ENL	TOT	CFF	ENL	TOT	CFF	ENL	TOT	CFF	ENL	TOT	CFF	ENL	TOT	CFF	ENL	TOT	CFF	ENL	TOT	CFF	ENL	TOT
OKU UNIFIED COMMAND	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CENTRAL SUPPORT FORCES COMMAND
59519N PUBLIC AFFAIRS

[illegible]

CENTRAL SUPPORT FORCES MEDICAL SUPPORT
58131N HOSPITALS

(0001 VI 1000)

[illegible]

CENTRAL SUPPORT FORCES
 53174N
 PERSONNEL SUPPORT
 COUNTER INTELLIGENCE AND INVESTIGATIVE ACTIVITIES (C
 ACTIVE NAVY
 (COSTS IN 1000)

	CIV. PH-US	ACTIVE NAVY			120 DRILL			24 DRILL			60 DRILL			RESERVE NAVY			24 DRILL			TOTAL RESERVE		
		OFF	ENL	TCT	OFF	FNL	ENL	OFF	FNL	ENL	OFF	FNL	ENL	OFF	FNL	ENL	OFF	FNL	ENL	OFF	FNL	ENL
GRU INVEST C&C	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	20	0	0
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	0	0	45	0	0
ORU INVEST CPAS	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	495	0	0	495	0	0
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1105	0	0	1105	0	0
ORU NIS HQ	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	10	0	0
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	34	0	0
ORU NIS TEAP	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	0	0	45	0	0
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	0	100	0	0
SUBTOTALS	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	10	0	0
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	34	0	0
PAGE TOTALS	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	10	0	0
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	34	0	0

CENTRAL SUPPORT FORCES PERSONNEL SUPPORT
59112H SPECIALIZED TRAINING

(COSTS IN 1000)

	CIV.		ACTIVE NAVY		120 DRILL		24 DRILL		60 DRILL		RESERVE NAVY		24 DRILL		TOTAL RESERVE		
	CH-US	OFF	FNL	TOT	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
ORU AF-GENERAL	1	0	0	0	0	0	0	0	0	0	0	0	0	0	24	10	10
ORU AF-TECHNICAL	1	0	0	0	0	0	0	0	0	0	0	0	0	0	54	10	10
ORU INTELL TRAINING	1	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	2
SUBTOTALS	3	0	0	0	0	0	0	0	0	0	0	0	0	0	16	2	2
PAGE TOTALS	3	0	0	0	0	0	0	0	0	0	0	0	0	0	47	12	12
															106	27	27
															47	106	27

CENTRAL SUPPORT FORCES, PERSONNEL SUPPORT
 SRI14N FLIGHT TRAINING

	CIV. EN-US	ACTIVE NAVY		120 DPILL OFF	84 CRILL OFF	60 CRILL OFF	RESERVE NAVY		24 CRILL OFF	24 CRILL ENL	TOTAL RESERVE	
		OFF	ENL				OFF	ENL			OFF	ENL
00U AGV JET TRARON	1	0	0	0	0	0	0	48	180	0	48	180
	1	0	0	0	0	0	0	164	234	0	164	234
00U ACV PROP TRARON	1	0	0	0	0	0	0	11	50	0	11	50
	1	0	0	0	0	0	0	37	52	0	37	52
00U MFO JET TRARON	1	0	0	0	0	0	0	14	52	0	14	52
	1	0	0	0	0	0	0	48	66	0	48	66
00U PRIM FLT TRARON	1	0	0	0	0	0	0	14	60	0	14	60
	1	0	0	0	0	0	0	40	74	0	40	74
00U PRIM/ADV HELO TRARON	1	0	0	0	0	0	0	5	54	0	5	54
	1	0	0	0	0	0	0	17	67	0	17	67
SUFTOTALS	1	0	0	0	0	0	0	92	406	0	92	406
	1	0	0	0	0	0	0	314	502	0	314	502
PAGE TOTALS	1	0	0	0	0	0	0	92	406	0	92	406
	1	0	0	0	0	0	0	314	502	0	314	502
PERSONNEL SUPPOR TOTAL	1	0	0	0	0	0	0	102	411	0	102	411
T	1	0	0	0	0	0	0	348	757	0	348	757

CENTRAL SUPPORT FORCES INDIVIDUAL TRAINING (COSTS IN 1000)

58111N	RECRUIT TRAINING	CIV.	ACTIVE NAVY		TCY	120 DRILL		84 DRILL		60 DRILL	RESERVE NAVY		24 DRILL		TOTAL RESERVE	
			OFF	FNL		OFF	ENL	OFF	ENL	OFF	OFF	ENL	OFF	ENL	OFF	ENL
ORU PFCIPA		#	0	0	0	0	0	0	0	0	0	0	41	133	46	162
		2	0	0	0	0	0	0	0	0	0	0	41	133	108	175
		#	0	0	0	0	0	0	0	0	0	0	41	133	46	162
		4	0	0	0	0	0	0	0	0	0	0	41	133	108	175
		#	0	0	0	0	0	0	0	0	0	0	41	133	46	162
		3	0	0	0	0	0	0	0	0	0	0	41	133	108	175
		#	0	0	0	0	0	0	0	0	0	0	41	133	46	162
		3	0	0	0	0	0	0	0	0	0	0	41	133	108	175

SUBTOTALS

PAGE TOTALS

CENTRAL SUPPORT FORCES, INDIVIDUAL TRAINING
 58112N, SPECIALIZED TRAINING
 ACTIVE NAVY

	CIV. PH-US	CFF	ENL	TOT	120 DRILL		84 DRILL		60 DRILL		RESERVE NAVY		24 DRILL OFF	24 DRILL ENL	TOTAL RESERVE OFF	TOTAL RESERVE ENL
					OFF	ENL	OFF	ENL	OFF	ENL	48 DRILL OFF	48 DRILL ENL				
ORU COMBAT DIRECTION	2	0	0	0	0	0	0	0	0	0	0	0	40	160	40	160
ORU FLT ASP	2	0	0	0	0	0	0	0	0	0	0	0	80	160	80	160
ORU FLTTRACEN	2	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30
ORU MAINT TRA	2	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30
ORU NATTC	2	0	0	0	0	0	0	0	0	0	0	0	71	71	71	71
ORU SERVSCOL	2	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10
SUBTOTALS	2	0	0	0	0	0	0	0	0	0	0	0	130	327	130	427
PAGE TOTALS	2	0	0	0	0	0	0	0	0	0	0	0	130	327	130	427

(CCSTS IN 1000)

CENTRAL SUPPORT FORCES 5P114N										INDIVIDUAL TRAINING FLIGHT TRAINING				CCSIS IN 1000																							
										ACTIVE NAVY																											
										CIV. DN-US		OFF		ENL		TCY		120 CPILL		24 HPILL		60 CRILL		RF SERVE NAVY		48 CRILL		24 DRILL		TOTAL RESERVE							
										OFF		ENL				OFF		OFF		OFF		OFF		OFF		OFF		OFF		OFF		ENL					
04U HAVAVSCOL										1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
										1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SUPPORTALS										1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
										1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS										1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
										1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INDIVIDUAL TRAIN TOTAL										1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ING										1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CENTRAL SUPPORT FORCES		LOGISTICS	SUPPLY OPERATIONS
572031 <td>SUPPLY DEPTS/OPERATIONS</td> <td></td>		SUPPLY DEPTS/OPERATIONS	

CENTRAL SUPPORT FORCES		LOGISTICS		INVENTORY CONTROL		PCINIS/OPERATIONS		ACTIVE NAVY		SUPPLY OPERATIONS										(COSTS IN 1000)												
57204N		DH-US		CIV.		CFF		FNL		TOT		120 DRILL		84 DRILL		60 DRILL		RESERVE		NAVY		4M DRILL		25 DRILL		TOTAL RESERVE						
												OFF		FNL		OFF		FNL		OFF		FNL		OFF		FNL		OFF		FNL		
ASU ACFT MAT'L OFF	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
OPU INV CONTROL PTS.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ORU POL	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ORU TRANSPORTATION UNITS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SUBTOTALS	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CENTRAL SUPPORT FORCES		LOGISTICS	SUPPLY OPERATIONS	(COSTS IN 1000)
57205N	PROCUREMENT OPERATIONS			

SUPPLY OPERATIONS

CCS IN. 1000

[illegible]

CENTRAL SUPPORT FORCES LOGISTICS MAINTENANCE ACTIVITIES MAINTENANCE OPERATIONS (CCSIS IN 1000)

57237N SHIP MAINTENANCE ACTIVE NAVY

CIV.	DH-US	OFF	ENL	VCT	120 DRILL		84 DRILL		60 DRILL		RESERVE NAVY		24 DRILL		TOTAL RESERVE	
					OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL		OFF
ORU NAVAL SHIPYARD (NSY)	#	0	0	0	0	0	0	0	0	0	0	0	0	0	133	E
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	297	E
SURTOTALS	#	0	0	0	0	0	0	0	0	0	0	0	0	0	133	E
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	297	E
PAGE TOTALS	#	0	0	0	0	0	0	0	0	0	0	0	0	0	133	E
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	297	E

CENTRAL SUPPORT FORCES			LOGISTICS			MAINTENANCE OPERATIONS												(COSTS IN 1000)									
57219N NAVAL ORDONANCE			ACTIVITIES			120 DRILL				84 DRILL				60 DRILL				RESERVE NAVY				24 DRILL				TOTAL RESEPV	
CIV.			ENL			OFF		ENL		OFF		FNL		OFF		FNL		OFF		FNL		OFF		FNL		OFF	
GR-US	GR-UK	GR-UN	GR-UN	GR-UN	GR-UN	GR-UN	GR-UN	GR-UN	GR-UN	GR-UN	GR-UN	GR-UN	GR-UN	GR-UN	GR-UN	GR-UN	GR-UN	GR-UN	GR-UN	GR-UN	GR-UN	GR-UN	GR-UN	GR-UN	GR-UN	GR-UN	GR-UN
GRU NAVORD																											
GRU WEAPONS ENGIN																											
SUPTOTALS																											
PAGE TOTALS																											

CENTRAL SUPPORT FORCES NAVY INACTIVE SHIP MAINTENANCE FACILITY LOGISTICS (COSTS IN 1000)

57255N	NAVY	INACTIVE SHIP	MAINTENANCE FACILITY	MAINTENANCE OPERATIONS										TOTAL RESERVE				
				ACTIVE NAVY		120 DRILL		84 DRILL		60 DRILL		RESERVE NAVY			24 DRILL			
				OFF	FNL	TOT	OFF	FNL	OFF	ENL	OFF	ENL	OFF	FNL	OFF	ENL	OFF	ENL
090 SHIP PAINT/REPAIR				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PAGE TOTALS	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

APPENDIX C
CRU, SRU, ORU, AND IRU RPN COSTS BY PROGRAM ELEMENT
AND BY NAVAL RESERVE PROGRAM

Appendix C lists the RPN costs (designated by \$) of basic unit types (CRUs, SRUs, ORUs, and IRUs) by program element and by Naval Reserve program. Also included are the number of officers and enlisted assigned (designated by #) and their associated drill status. Costs of each type of unit are sub-totaled and each Naval Reserve program is totaled. The final entries in the appendix are the totals for the entire Selected Naval Reserve.

SUBMARINE FORCES PROGRAM			MOBILE SUPPORT GROUP										RESERVE NAVY										(COSTS IN 1000)			
CIV. DH-US	ACTIVE NAVY	TGT	120 PRILL		84 DRILL		60 PRILL		48 PRILL		24 PRILL		TOTAL RESERVE		OFF	ENL	TOTAL OFF	TOTAL ENL	TOTAL							
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL												
51611A SRU AS (FRN)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
SUBTOTALS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
52345N SRU AS-11 CLASS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
52345N SRU AS-16 CLASS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
SUBTOTALS	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
52386N SRU AS-8 CLASS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
SUBTOTALS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
LINE TOTALS	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						

SUBMARINE FORCES PROGRAM			ACTIVE NAVY			FASF SUPPORT GROUP			RESERVE NAVY			(COSTS IN 1000)		
	CIV- PM-UC		CFF	ENL	TCT	120 DRILL OFF	ENL	84 DRILL OFF	60 DRILL OFF	45 DRILL OFF	24 DRILL OFF	24 FULL OFF	24 FULL CFF	TOTAL RESERVE ENL
52405A ORU SUPPBASE	#	0	0	0	0	0	0	0	0	0	0	0	0	254
52405A ORU SUPSUPFFAC	#	0	0	0	0	0	0	0	0	0	0	0	54	317
	#	0	0	0	0	0	0	0	0	0	0	0	31	320
SURTOTALS	#	0	0	0	0	0	0	0	0	0	0	0	70	250
	#	0	0	0	0	0	0	0	0	0	0	0	54	570
	#	0	0	0	0	0	0	0	0	0	0	0	124	713
LINE TOTALS	#	0	0	0	0	0	0	0	0	0	0	0	54	570
	#	0	0	0	0	0	0	0	0	0	0	0	124	713

SUBMARINE FORCES PROGRAM		ACTIVE NAVY				OPERATIONAL STAFF GROUP				RESERVE NAVY				COSTS IN 1000			
CIV- NH-US	ST #	OFF	FNL	TCT	120 DRILL		84 DRILL		60 DRILL		48 DRILL		24 DRILL	TOTAL RESERVE			
					OFF	FNL	OFF	FNL	OFF	FNL	OFF	FNL					
51631A	ORL SUBGROUP ST #	0	0	0	0	0	0	0	0	0	0	0	0	21			
51631A	ORU SURREN STAF #	0	0	0	0	0	0	0	0	0	0	0	0	47			
	SUBTOTALS #	0	0	0	0	0	0	0	0	0	0	0	0	20			
		0	0	0	0	0	0	0	0	0	0	0	0	45			
		0	0	0	0	0	0	0	0	0	0	0	0	41			
		0	0	0	0	0	0	0	0	0	0	0	0	101			
52426A	ORU SUBDEVRU #	0	0	0	0	0	0	0	0	0	0	0	0	25			
52426A	ORU SUBGROUP ST #	0	0	0	0	0	0	0	0	0	0	0	0	12			
52426A	ORU SUBLAHT STA #	0	0	0	0	0	0	0	0	0	0	0	0	54			
52426A	ORU SUBMED STAF #	0	0	0	0	0	0	0	0	0	0	0	0	37			
52426A	ORU SUBPAC STAF #	0	0	0	0	0	0	0	0	0	0	0	0	40			
52426A	ORU SUPROCH STAF #	0	0	0	0	0	0	0	0	0	0	0	0	111			
	SUBTOTALS #	0	0	0	0	0	0	0	0	0	0	0	0	8			
		0	0	0	0	0	0	0	0	0	0	0	0	18			
		0	0	0	0	0	0	0	0	0	0	0	0	26			
		0	0	0	0	0	0	0	0	0	0	0	0	58			
		0	0	0	0	0	0	0	0	0	0	0	0	42			
		0	0	0	0	0	0	0	0	0	0	0	0	101			
		0	0	0	0	0	0	0	0	0	0	0	0	134			
		0	0	0	0	0	0	0	0	0	0	0	0	152			
		0	0	0	0	0	0	0	0	0	0	0	0	400			
		0	0	0	0	0	0	0	0	0	0	0	0	336			
	LINE TOTALS #	0	0	0	0	0	0	0	0	0	0	0	0	207			
		0	0	0	0	0	0	0	0	0	0	0	0	492			
	PROGRAM TOTALS #	0	0	0	0	0	0	0	0	0	0	0	0	380			
		0	0	0	0	0	0	0	0	0	0	0	0	1012			
		0	0	0	0	0	0	0	0	0	0	0	0	2497			
		0	0	0	0	0	0	0	0	0	0	0	0	3092			

WINE FORCES PROGRAM

COMBAT OPERATIONS GROUP

(COSTS IN 1000)

	CIV. DH-HS	ACTIVE NAVY		RESERVE NAVY				24 DRILL		TOTAL RESERVE	
		OFF	FNL	120 DRILL OFF	FNL	60 DRILL OFF	FNL	OFF	FNL	OFF	FNL
52359A CRU MSO (WRF)	1	66	792	0	0	66	0	0	0	66	564
		1322	7057	0	0	254	0	0	0	254	1309
SUBTOTALS	1	66	792	0	0	66	0	0	0	66	564
		1322	7057	0	0	254	0	0	0	254	1309
52359A SRU WIAERON 10	1	0	0	0	0	0	0	0	0	0	130
		0	0	0	0	0	0	0	0	0	161
52359A SRU MSO	1	0	0	0	0	0	0	0	0	0	45
		0	0	0	0	0	0	0	0	0	10
SUBTOTALS	1	0	0	0	0	0	0	0	0	0	175
		0	0	0	0	0	0	0	0	0	217
LINE TOTALS	1	66	792	0	0	66	0	0	0	66	74
		1322	7057	0	0	254	0	0	0	254	1524

MINE FORCES PROGRAM			MOBILE SUPPORT GROUP										RESERVE NAVY			TOTAL RESERVE		
CIV- OR-UC	ACTIVE NAVY		120 DRILL		H4 DRILL		60 DRILL		48 DRILL		24 DRILL		TOTAL RESERVE					
	OFF	FNL	TCT	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL			
50359N ORU MINEFOR SUPGR #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SUBTOTALS #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
50360N OPL MINEFOR SUPGR #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SUBTOTALS #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
50361A ORU MINE AS #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SUBTOTALS #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
LINE TOTALS #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

MINE FORCES PROGRAM		OPERATIONAL STAFF GROUP										RESERVE NAVY				TOTAL RESERVE			
CIV- IN-US	OFF	ACTIVE NAVY		120 DRILL		84 DRILL		60 DRILL		48 DRILL		24 DRILL		TOTAL RESERVE					
		ENL	OFF	OFF	FAL	OFF	FAL	OFF	FAL	OFF	FAL	OFF	FAL	OFF	FAL				
52359A ORU MOPWINECTRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
52425A CRU WINRIV (NDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
52425A ORU COMINERONS	0	0	12	12	0	0	0	0	0	0	0	0	0	0	0	0			
52425A ORU WINWAPFAPE	0	0	107	107	0	0	0	0	0	0	0	0	0	0	0	0			
SUBTOTALS	0	0	119	119	0	0	0	0	0	0	0	0	0	0	0	0			
LINE TOTALS	0	0	119	119	0	0	0	0	0	0	0	0	0	0	0	0			
PROGRAM TOTALS	0	0	119	119	0	0	0	0	0	0	0	0	0	0	0	0			

SERVICE FORCES PROGRAM

MOBILE SUPPORT GROUP

(COSTS IN 1000)

	CIV. M-USE	ACTIVE NAVY		MOBILE SUPPORT GROUP				RESERVE NAVY		24 GRILL		TOTAL RESERVE	
		CP	FNL	100 GRILL OFF	84 GRILL OFF	60 GRILL OFF	48 GRILL OFF	36 GRILL OFF	24 GRILL OFF	OFF	FNL	CP	FNL
52375A SRU AE	\$	0	0	0	0	0	0	0	0	0	0	0	120
52375A SRU AF	\$	0	0	0	0	0	0	0	0	0	0	0	120
52375A SRU RFS	\$	0	0	0	0	0	0	0	0	0	0	0	210
52375A SRU AO (22/143)	\$	0	0	0	0	0	0	0	0	0	0	0	200
52375A SRU AO (51/105)	\$	0	0	0	0	0	0	0	0	0	0	0	140
52375A SRU AOR	\$	0	0	0	0	0	0	0	0	0	0	0	170
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	440
52377A SRU AR	\$	0	0	0	0	0	0	0	0	0	0	0	70
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	70
52378A SRU AH	\$	0	0	0	0	0	0	0	0	0	0	0	60
52378A SRU ARS	\$	0	0	0	0	0	0	0	0	0	0	0	70
52378A SRU ATF	\$	0	0	0	0	0	0	0	0	0	0	0	150
52378A SRU ATS	\$	0	0	0	0	0	0	0	0	0	0	0	120
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	400
52381A ORL MOTU	\$	0	0	0	0	0	0	0	0	0	0	0	100
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	100
LINE TOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	140

CCOSTS IN 1980

[illegible]

SURFACE COMBATANT FORCES PROGRAM

COMBAT OPERATIONS GROUP

COPIES 11 515033

	CIV. OP-US	ACTIVE NAVY			RESERVE NAVY			TOTAL RESERVE		
		OFF	ENL	TOT	60 DRILL OFF	60 DRILL ENL	60 DRILL TOT	24 FULL OFF	24 FULL ENL	24 FULL TOT
52348A SRU CLG	#	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0
SUBTOTALS #		0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0
52349A SPU RRG	#	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0
SUBTOTALS #		0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0
52350A CRU CD (FRAM 1)	#	326	4928	5264	0	0	0	0	0	0
	\$	678	4308	50691	0	0	0	0	0	0
52350A CRU DD (724) RR	#	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0
52350A CRU DD (825/827)	#	24	352	376	0	0	0	0	0	0
	\$	484	3136	3620	0	0	0	0	0	0
SUBTOTALS #		360	5280	5640	0	0	0	0	0	0
	\$	7267	47044	54311	0	0	0	0	0	0
52350A SRU DD (FRAM 1)	#	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0
52350A SRU ESCORTS (80)	#	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0
SUBTOTALS #		0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0
52352A SRU FF	#	0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0
SUBTOTALS #		0	0	0	0	0	0	0	0	0
	\$	0	0	0	0	0	0	0	0	0
LINE TOTALS #		360	5280	5640	0	0	0	0	0	0
	\$	7267	47044	54311	0	0	0	0	0	0

SURFACE COMBATANT FORCES PROGRAM				OPERATIONAL STAFF GROUP				RESERVE NAVY				COSTS IN 1000				
CIV- NM-US	ACTIVE NAVY	OPERATIONAL STAFF GROUP		RESERVE NAVY		COSTS IN 1000		CIV- NM-US	ACTIVE NAVY	OPERATIONAL STAFF GROUP		RESERVE NAVY		COSTS IN 1000		
		OFF	ENL	120 OFF	120 ENL	84 OFF	84 ENL			60 OFF	60 ENL	24 OFF	24 ENL	24 OFF	24 ENL	24 OFF
52425A CRU DESRON STAF	10	16	26	0	0	0	0	0	0	0	0	0	0	0	0	0
52425A CRU DESRON STAF	202	143	345	0	0	0	0	0	0	0	0	0	0	0	0	0
52425A CRU DESRON STAF	12	21	77	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	22	37	775	0	0	0	0	0	0	0	0	0	0	0	0	0
52425A ORU CRUDESSRU S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52425A ORU CRUDESLANTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52425A ORU CRUDESPACST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52425A ORU NFSDEUGRU S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52425A ORU DFSLANT DFT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52425A ORU DESPAC DFTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52425A ORU DESRON STAF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LINE TOTALS	22	37	775	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM TOTALS	22	37	775	0	0	0	0	0	0	0	0	0	0	0	0	0

AIR FORCES PROGRAM

COMPAT OPERATIONS GROUP

(COSTS IN 1000)

	CIV- OH-US	ACTIVE NAVY		120 DRILL				84 DRILL		60 DRILL		RESERVE NAVY		24 DRILL		TOTAL RESERVE	
		OFF	FNL	TCT	OFF	FNL	TCT	OFF	FNL	OFF	FNL	DRILL	OFF	OFF	FNL	OFF	FNL
52305N SRU CARRIERS	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	1100
SURTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	136	1762
52306N SRU CARRIERS	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	136	1762
SURTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	272	272
52311N CRU VA (A-4)	#	16	296	312	0	0	0	0	0	5	184	0	0	0	0	44	184
SURTOTALS	\$	322	2638	2960	0	0	0	0	0	23	249	0	0	0	0	266	249
52311N SRU VA (A-4)	#	0	0	0	0	0	0	32	0	0	0	4	0	0	0	36	216
SURTOTALS	\$	0	0	0	0	0	0	143	0	0	0	14	0	0	0	157	267
52313N CRU VA (A-7)	#	72	680	712	0	0	0	0	0	16	624	0	0	0	0	80	624
SURTOTALS	\$	646	6058	6704	0	0	0	0	0	62	944	0	0	0	0	471	844
52313N SRU VA (A-7)	#	0	0	0	0	0	0	36	0	0	0	0	0	0	0	36	378
SURTOTALS	\$	0	0	0	0	0	0	161	0	0	0	0	0	0	0	161	468
52316N CRU VF (F-8)	#	16	332	348	0	0	0	0	0	6	208	0	0	0	0	32	208
SURTOTALS	\$	322	2958	3280	0	0	0	0	0	23	281	0	0	0	0	189	281
52316N SRU VF (F-8)	#	0	0	0	0	0	0	20	0	0	0	4	0	0	0	24	72
SURTOTALS	\$	0	0	0	0	0	0	89	0	0	0	14	0	0	0	103	95
52317A CRU VF (F-4)	#	20	404	424	0	0	0	0	0	8	314	0	0	0	0	62	214
SURTOTALS	\$	404	3600	4004	0	0	0	0	0	31	425	0	0	0	0	415	425
52317A SRU VF (F-4)	#	0	0	0	0	0	0	24	0	0	0	4	0	0	0	28	104
SURTOTALS	\$	0	0	0	0	0	0	107	0	0	0	14	0	0	0	121	121
52324N CRU VAW (F-1P)	#	16	56	72	0	0	0	0	0	0	0	0	0	0	0	30	54
SURTOTALS	\$	322	498	820	0	0	0	0	0	0	0	0	0	0	0	140	72
52324N SRU VAW (F-1P)	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0	140	72
SURTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	280	140

[illegible]

AIR FORCE PROGRAM

PROFILE SUPPORT GROUP

(COSTS IN 1000)

	CIV. OH-US	ACTIVE NAVY			RESERVE NAVY			TOTAL RESERVE		
		OFF	FNL	TCI	120 DRILL OFF	84 DRILL OFF	60 DRILL OFF	48 DRILL OFF	24 DRILL OFF	OFF
52368A CRU TACRON	#	0	0	0	0	0	0	0	0	0
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0
52368A SPU TACRON	#	0	0	0	0	0	0	0	0	0
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0
52379A CPU VC (A-4)	#	12	168	170	0	26	0	0	0	0
52379A CPU VR (C-118)	#	242	1496	1738	0	116	0	0	0	0
52379A CPU VP DET (C-1)	#	14	270	284	0	20	0	0	0	0
SUBTOTALS	\$	282	2406	2688	0	357	0	0	0	0
52382N ORL COMBAT CAPE	#	24	432	456	0	114	0	0	0	0
SUBTOTALS	\$	484	3850	4334	0	510	0	0	0	0
52379A SRU VC (ORG MNT)	#	50	870	920	0	220	0	0	0	0
52379A SRU VR (C-118)	#	1008	7752	8760	0	983	0	0	0	0
SUBTOTALS	\$	1058	8622	9680	0	1203	0	0	0	0
52382N ORL COMBAT CAPE	#	0	0	0	0	0	0	0	0	0
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0
52424A CRU CV56R	#	10	14	24	0	0	0	0	0	0
SUBTOTALS	\$	202	125	327	0	0	0	0	0	0
LINE TOTALS	#	60	884	944	0	462	80	133	0	0
	\$	1210	7877	9087	0	2065	708	453	0	0

AIR FORCES PROGRAM

PASF SUPPORT GROUP

(COSTS IN 1000)

	CIV- PH-US	ACTIVE NAVY			RESERVE NAVY			TOTAL RESERVE		
		OFF	FNL	TCT	120 DRILL OFF	84 DRILL OFF	60 DRILL OFF	48 DRILL OFF	24 DRILL OFF	FAL
52401A ORU INTERMED MN #	0	0	0	0	0	0	0	0	0	0
52401A OPU NAS (MAJOR) #	0	0	0	0	0	0	0	0	0	0
52401A ORU NAVAL AIR S #	0	0	0	0	0	0	0	0	0	0
52401A ORU NAVAL STATI #	0	0	0	0	0	0	0	0	0	0
SUBTOTALS #	0	0	0	0	0	0	0	0	0	0
52403A ORL INTERMED MN #	0	0	0	0	0	0	0	0	0	0
52403A ORU NAS (MAJOR) #	0	0	0	0	0	0	0	0	0	0
52403A ORU NAV AIR FAC #	0	0	0	0	0	0	0	0	0	0
52403A ORU NAVAL AIR S #	0	0	0	0	0	0	0	0	0	0
52403N ORU NAVAL STATI #	0	0	0	0	0	0	0	0	0	0
SUBTOTALS #	0	0	0	0	0	0	0	0	0	0
57204A ORU ACFT MAY'L #	0	0	0	0	0	0	0	0	0	0
SUBTOTALS #	0	0	0	0	0	0	0	0	0	0
LINE TOTALS #	0	0	0	0	0	0	0	0	0	0

AIR FORCES PROGRAM

OPERATIONAL STAFF GROUP

(COSTS IN 1991)

[illegible]

AIR FORCES PROGRAM

MISSION TRAINING GROUP

(CC-CY IN 1000)

CIV.
PH-US
58114A ORU ADV JET TRA # 0
58114A ORU ADV PROP TR # 0
58114A ORU NFO JET TRA # 0
58114A ORU PRIM FLY TR # 0
58114A ORU PRIM/ADV HF # 0
SUBTOTALS # 0

ACTIVE NAVY
OFF FNL TGT
0 0 0
0 0 0
0 0 0
0 0 0
0 0 0
0 0 0

120 DRILL
OFF FNL
0 0
0 0
0 0
0 0
0 0
0 0

60 DRILL
OFF FNL
0 0
0 0
0 0
0 0
0 0
0 0

24 DRILL
OFF FNL
0 0
0 0
0 0
0 0
0 0
0 0

TOTAL RESERVE
OFF FNL
48 48
164 164
37 37
14 14
48 48
74 74
54 54
67 67
92 92
314 314

LINE TOTALS # \$

0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0

PROGRAM TOTALS # \$

0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0
0 0

[illegible]

CONSTRUCTION FORCES PROGRAM			ACTIVE NAVY				OPERATIONAL STAFF GROUP				RESERVE NAVY				COSTS IN 1000			
CIV.	CH-115		OFF	FNL	TCT	120 DRILL OFF	84 DRILL OFF	-60 DRILL OFF	48 DRILL OFF	24 DRILL OFF	TOTAL RESERVE							
52384A CRU NAVCONSTRBR	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
52384A CRU NAVCONSTRFE	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SURTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
52384N ORU NAVCONSTRFE	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SURTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
52421N ORU FLEETSEABEF	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SURTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
LINE TOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0			

CONSTRUCTION FORCES PROGRAM				MISSION TRAINING GROUP										RESERVE NAVY				(COSTS IN 1000)			
CIV.	CIV-OS	ACTIVE NAVY	TCT	120 DRILL		84 DRILL		60 DRILL		42 DRILL		24 DRILL		TOTAL RESERVE							
				OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL						
52384N CRU 21ST NCR	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
SUBTOTALS	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
57243A ORU NCR STAFF	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
SUBTOTALS	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
LINE TOTALS	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
PROGRAM TOTALS	#	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0						

515031 A 1100

C-25

AMPHIBIOUS FORCES PROGRAM		MOBILE SUPPORT GROUP										RESERVE NAVY										(COSTS IN 1000)			
		ACTIVE NAVY		120 DRILL		84 DRILL		60 DRILL		48 DRILL		24 DRILL		TOTAL RESERVE											
		CFF	ENL	TOT	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL									
52368A	CRU PG MNTCF UN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27								
	SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27								
52368A	SRU AFDL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28								
	SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28								
52368A	ORU AMPHIB CO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29								
52368A	ORU BEACHMASTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30								
	SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30								
LINE TOTALS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	107								

AMPHIBIOUS FORCES PROGRAM

CIV- PH-UC	CFF	ACTIVE NAVY		OPERATIONAL STAFF GROUP				RESERVE NAVY				(COSTS IN 1000)				
		ENL	TC7	120 DRILL OFF	ENL	OFF	ENL	60 DRILL OFF	ENL	OFF	ENL	24 DRILL OFF	ENL	OFF	ENL	TOTAL RESERVE
52368A ORU NAVAL PEACH #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS \$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52427A ORU AMPHIBITYCON #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52427N ORU PHIBGRU STA #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52427A ORU PHIBGRU STA #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS \$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LINE TOTALS \$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PROGRAM TOTALS \$	52	632	524	0	0	0	0	0	0	0	0	0	0	0	0	0
	1050	5031	661	0	0	0	0	0	0	0	0	0	0	0	0	0

NAVAL INSHORE WARFARE FORCES PROGRAM				COMBAT OPERATIONS GROUP				RESERVE NAVY				(COSTS IN 1000)				
CIV. DH-US		ACTIVE NAVY		120 DRILL		84 DRILL		60 DRILL		48 DRILL		24 DRILL		TOTAL RESERVE		
		OFF	ENL	YCT	OFF	FNL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL		
52371A	CRU COSRIVDIY 1	0	66	74	0	0	0	0	0	0	15	160	0	0	15	160
52371A	CRU COSRIVDIY 2	0	588	749	0	0	0	0	0	0	51	198	0	0	51	198
52371A	CRU COSRIVDIY 2	0	45	52	0	0	0	0	0	0	29	94	0	0	29	94
52371A	CRU COSRIVDIY 2	0	401	542	0	0	0	0	0	0	75	104	0	0	75	104
52371A	CRU COSRIVDIY 2	0	84	93	0	0	0	0	0	0	23	145	0	0	23	145
52371A	CRU COSRIVDIY 2	0	748	920	0	0	0	0	0	0	76	180	0	0	76	180
52371A	CRU COSRIVDIY 2	0	172	167	0	0	0	0	0	0	17	120	0	0	17	120
52371A	CRU COSRIVDIY 2	0	25	20	0	0	0	0	0	0	58	145	0	0	58	145
52371A	CRU COSRIVDIY 2	0	15	145	0	0	0	0	0	0	20	118	0	0	20	118
52371A	CRU COSRIVDIY 2	0	302	1497	0	0	0	0	0	0	68	145	0	0	68	145
52371A	CRU COSRIVDIY 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52371A	CRU COSRIVDIY 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52371A	CRU COSRIVDIY 2	0	64	501	0	0	0	0	0	0	97	627	0	0	97	627
52371A	CRU COSRIVDIY 2	0	1292	4464	0	0	0	0	0	0	330	777	0	0	330	777
52372A	CRU COSRIVDIY 2	0	0	0	0	0	0	0	0	0	252	1260	0	0	252	1260
52372A	CRU COSRIVDIY 2	0	0	0	0	0	0	0	0	0	859	1560	0	0	859	1560
52372A	CRU COSRIVDIY 2	0	0	0	0	0	0	0	0	0	252	1260	0	0	252	1260
52372A	CRU COSRIVDIY 2	0	0	0	0	0	0	0	0	0	859	1560	0	0	859	1560
52373A	CRU COSRIVDIY 2	0	0	0	0	0	0	0	0	0	16	100	0	0	16	100
52373A	CRU COSRIVDIY 2	0	0	0	0	0	0	0	0	0	58	124	0	0	58	124
52373A	CRU COSRIVDIY 2	0	0	0	0	0	0	0	0	0	14	100	0	0	14	100
52373A	CRU COSRIVDIY 2	0	0	0	0	0	0	0	0	0	55	124	0	0	55	124
52373A	CRU COSRIVDIY 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52373A	CRU COSRIVDIY 2	0	64	501	0	0	0	0	0	0	365	1987	0	0	365	1987
52373A	CRU COSRIVDIY 2	0	1292	4464	0	0	0	0	0	0	1244	2461	0	0	1244	2461

(COST 11 1002)

C-31

SPECIAL AND GENERAL SUPPORT FORCES PROGRAM
ACTIVE NAVY

MANDATORY QUOTA GROUP

(COSTS IN 1000)

CIVILIAN	ACTIVE NAVY			120 DRILL				84 DRILL				60 DRILL				RESERVE NAVY				24 DRILL				TOTAL RESERVE			
	OFF	FNL	TOT	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL				
50104N ORU ACLANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
52301N ORU UNIFIED CIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
52301N ORU UNIFIED COM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
52302N ORU UNIFIED COM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
52303N ORU UNIFIED CIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
53132N ORU NATIONAL SF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
53137N ORU ELINT CENTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
53141N ORU OSD/JCS PI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
53155N OPU NAVCOMSTA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
53584N ORU ATTACHE SYS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
54584N OPL CONTINGENCY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
54584N OPU DEFENSE INT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
54584N IRU ATTACHE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
57244N ORU NCASR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				

SPECIAL AND GENERAL SUPPORT FORCES PROGRAM										COSTS IN 1000									
ACTIVE NAVY										COMBAT OPERATIONS GROUP									
CIV. OP-USE										RESERVE NAVY									
OFF	ENL	TCY	120 DPILL	84 DPILL	60 DPILL	40 DPILL	24 DPILL	TOTAL RESERVE		OFF	ENL	TCY	120 DPILL	84 DPILL	60 DPILL	40 DPILL	24 DPILL	TOTAL RESERVE	
53132A ORU CV SECGRU	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	
SUBTOTALS	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	
53144A ORU LCC SECGRU	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	
SUBTOTALS	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	
LINE TOTALS	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	

SPECIAL AND GENERAL SUPPORT FORCES PROGRAM										MOBILE SUPPORT GROUP										RESERVE NAVY										COSTS IN 1000									
CIVILIAN					ACTIVE NAVY					120 DRILL					84 DRILL					60 DRILL					48 DRILL					24 DRILL					TOTAL RESERVE				
CRU	WILDEP/CIV	#	\$	%	CFF	FNL	TOT	CFF	FNL	CFF	FNL	CFF	FNL	CFF	FNL	CFF	FNL	CFF	FNL	CFF	FNL	CFF	FNL	CFF	FNL	CFF	FNL	CFF	FNL										
52375A	CRU WILDEP/CIV	#	\$	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
	SUBTOTALS	#	\$	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
52378N	CRU WILDEP/CIV	#	\$	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
	SUBTOTALS	#	\$	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
52383A	ORU HARPOP CLEA	#	\$	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
	SUBTOTALS	#	\$	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
52302A	CRU TRANSPORTAT	#	\$	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
	SUBTOTALS	#	\$	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
LINE TOTALS				#	\$	%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						

SPECIAL AND GENERAL SUPPORT FORCES PROGRAM

BASE SUPPORT GROUP

ACTIVE NAVY

CIVILIAN

COSTS IN 1000

	CTV	DM-US	OFF	FNL	TCT	120 DRILL	84 DRILL	60 OFF	RESERVE NAVY	42 DRILL	24 OFF	24 DRILL	TOTAL RESERVE
52402A ORU BASE CONS.	\$	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0
52404A ORL BASE CONS.	\$	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0
52405A ORU NAVSHORE AC	\$	0	0	0	0	0	0	0	0	0	0	0	0
52405N ORU NAVSHORE AC	\$	0	0	0	0	0	0	0	0	0	0	0	0
52405N ORU NAVSHORE AC	\$	0	0	0	0	0	0	0	0	0	0	0	0
52405A ORU POL	\$	0	0	0	0	0	0	0	0	0	0	0	0
52405N ORU SERV CRAFT	\$	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0
52406A ORU BASE CONS.	\$	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0
52407A ORU NAVAL STOCK	\$	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0
53170A ORU NAVAL WX. S	\$	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0
54321A ORU TRANSPORTAT	\$	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0
57203A ORU NAVAL STOCK	\$	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0
57204A ORU INV CONT'L	\$	0	0	0	0	0	0	0	0	0	0	0	0
57204A ORU POL	\$	0	0	0	0	0	0	0	0	0	0	0	0
57204A ORL TRANSPORTAT	\$	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0

[illegible]

[illegible]

SPECIAL AND GENERAL SUPPORT FORCES PRICERAP

ACTIVE NAVY

OPERATIONAL STAFF GROUP

(COSTS IN '000)

CIV- DM-US	GIV-	OFF	FNL	TCT	120 DRILL			84 DRILL			60 DRILL			RESERVE NAVY			48 DRILL			24 DRILL			TOTAL RESERVE		
					OFF	FNL	ENL	OFF	FNL	ENL	OFF	FNL	ENL	OFF	FNL	ENL	OFF	FNL	ENL	OFF	FNL	ENL	OFF	FNL	ENL
52363N ORU NAVAL FACIL	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
52421A CRU CONVOYCOM	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
52421A CRU LIAISON OFF	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
52421N CRU NAV-CONT OF	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
52421N CRU R/V CONVOYC	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
52421N ORU FLEET COMPA	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
52421A ORU FORCE/AREA	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
52421A ORU UNDIST- ADS	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
53131N ORU TASK GROUP	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
53132A ORU SECGRU ACTI	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
53132A ORU SECGRU COWS	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
53132N ORU SFCUPITY ST	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
53136A ORU AREA ANALYS	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
53136A ORU FLT OCFAN I	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
53136A ORU OCFAN INFO	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
53136A ORU OP INTELL	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
53136A ORU NISC	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
53136A ORU NISC SUPPOR	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SUBTOTALS	\$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

SPECIAL AND GENERAL SUPPORT FORCES PROGRAM				MISSION TRAINING GROUP				RESERVE NAVY				(COSTS IN 1000)				
CIVILIAN		ACTIVE NAVY		120 DRILL		P4 DRILL		60 DRILL		40 DRILL		24 DRILL		TOTAL RESERVE		
FLY	OFF	FLY	OFF	FLY	OFF	FLY	OFF	FLY	OFF	FLY	OFF	FLY	OFF	FLY	OFF	
52413A CRU FLTRAGRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52413A CRU UNWAYTRA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52413A ORU FLTRAGRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52413A ORU NUCWEAPTRA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53132A ORU TGV SECGRU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58112N ORU COMBAT DIRE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58112N ORU FLT ASM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58112N ORU FLTRACEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58112N ORU MAINT TRA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58112N ORU NIPS TRAINI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LINE TOTALS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

{COSTS IN 1000}

C-42

[illegible]

[illegible][illegible]

[illegible]

APPENDIX D
NRRM 1 LISTING


```

0045 DO 292 I=1,16
0046 KINE(I)=0
0047 LINE(I)=0
0048 KSTOT(I)=0
0049 ISTOT(I)=0
0050 KTOT(I)=0
0051 ITOY(I)=0
0052 II=IDATA(15,A-1)
0053 JJ=IDATA(16,A-1)
0054 IF(IID.NE.15) GO TO 295
0055 1 (ICPPC2M,J),P=5,10), (K2TOT(J),J=1,16),
1015 FORMAT (3X,A4,6 TOTAL 8,14,317,1X,5(16,17),1X,217/
1 3X,5A4,2X,5,14,317,1X,5(16,17),1X,217/
WRITE(6,1020) (ICPPC1(M,11), M=1,4), (11TOT(J),J=1,16),
1 (10PPC1M,11),M=5,6), (K1IC1(J),J=1,16)
1020 FORMAT(3X,A4,4, IC5AL 8,14,317,1X,5(16,17),1X,217/
1 3X,2A4,14X,5,14,317,1X,5(16,17),1X,217/
00294 I=1,16
11TOT(I)=0
12TOT(I)=0
K1TOT(I)=0
K2TOT(I)=0
294 GO TO 4
295 IF(IID.NE.16) GO TO 4
WRITE(6,1015) (ICPPC2M,J),M=5,10), (K2TOT(J),J=1,16),
1 (10PPC2M,J),M=5,10), (K2TOT(J),J=1,16)
DO 297 I=1,16
12TOT(I)=0
K2TOT(I)=0
297 GO TO 4
30 IF(ICDATA(2,A)-EG,ICDATA(2,N-1))GO TO 35
DO 32 I=1,4
IF(ICDATA(2,N-1),FQ,I) GO TO 33
32 CONTINUE
33 WRITE(6,1008) ICSDI(I), (ICA/A(J,N-1), J=4,8), (LINE(J),J=1,16)
1, (KINE(J),J=1,16)
WRITE(6,1007) (ISTOT(J),J=1,16), (KSTOT(J),J=1,16)
1007 FORMAT(16X,8SUBTOTALS,8 3,14,317,1X,5(16,17),1X,217/
1 25X,5,14,317,1X,5(16,17),1X,217/
DO 34 I=1,16
KINF(I)=0
LINE(I)=0
KSTOT(I)=0
34 ISTOT(I)=0
GO TO 48
35 DO 37 I=4,7
IF(IDATA(1,A).NE.IDATA(1,A-1)) GO TO 47
37 CONTINUE
GO TO 48
40 DO 42 I=1,4
IF(ICDATA(2,A-1),EG, I) GO TO 47
42 CONTINUE
43 WRITE(6,1008) ICSDI(I), (ICA/A(J,N-1),J=4,8), (LINE(J),J=1,16)
1, (KINE(J),J=1,16)
1008 ENDOFAT(1X,5,1,5L 8,5A4,1 14 317,1X,5(16,17),1X,217/

```

11/39/36

DATE = 75296

PAIN

FORTMAN IV 6 LEVEL 21

```

0093      1 25X, 3, 14, 317, 1X, 5(16, 17), 1X, 217)
0094      DO 45 I=1, 16
0095      KTIME(I)=0
0096      45 LTIME(I)=0
0097      48 CALL COLL (N)
0098      50 CONTINUE
0099      55 WRITE(6, 1009)(IGT(I), I=1, 16), (WGTOT(I), I=1, 16)
      1000 FORMAT(///13X, 'GRCSS TOTALS:', 8, 14, 317, 1X, 5(16, 17), 1X, 217/
      1 25X, 3, 14, 317, 1X, 5(16, 17), 1X, 217)
      RETURN
      END
0100
0101

```

```

0001 SUBROUTINE RCDATA (NPEC,ADATA)
0002 COMMON ICPC1(6,7),ICPPC2(10,27),IDPPC3(13,13),IPEC(15,150),
      1IDATA(21,450),LINE(14),
      2FACT(12),K:NE(16),
      3 KSTOT(14),K1OT(16),K2OT(16),
      4 KSTOT(14),K1OT(16),K2OT(16),
      5 KSTOT(14),K1OT(16),K2OT(16)
      6 KSTOT(14),K1OT(16),K2OT(16)
      7 KSTOT(14),K1OT(16),K2OT(16)
      8 KSTOT(14),K1OT(16),K2OT(16)
      9 KSTOT(14),K1OT(16),K2OT(16)
      10 KSTOT(14),K1OT(16),K2OT(16)
      11 KSTOT(14),K1OT(16),K2OT(16)
      12 KSTOT(14),K1OT(16),K2OT(16)
      13 KSTOT(14),K1OT(16),K2OT(16)
      14 KSTOT(14),K1OT(16),K2OT(16)
      15 KSTOT(14),K1OT(16),K2OT(16)
      16 KSTOT(14),K1OT(16),K2OT(16)
      17 KSTOT(14),K1OT(16),K2OT(16)
      18 KSTOT(14),K1OT(16),K2OT(16)
      19 KSTOT(14),K1OT(16),K2OT(16)
      20 KSTOT(14),K1OT(16),K2OT(16)
      21 KSTOT(14),K1OT(16),K2OT(16)
      22 KSTOT(14),K1OT(16),K2OT(16)
      23 KSTOT(14),K1OT(16),K2OT(16)
      24 KSTOT(14),K1OT(16),K2OT(16)
      25 KSTOT(14),K1OT(16),K2OT(16)
      26 KSTOT(14),K1OT(16),K2OT(16)
      27 KSTOT(14),K1OT(16),K2OT(16)
      28 KSTOT(14),K1OT(16),K2OT(16)
      29 KSTOT(14),K1OT(16),K2OT(16)
      30 KSTOT(14),K1OT(16),K2OT(16)
      31 KSTOT(14),K1OT(16),K2OT(16)
      32 KSTOT(14),K1OT(16),K2OT(16)
      33 KSTOT(14),K1OT(16),K2OT(16)
      34 KSTOT(14),K1OT(16),K2OT(16)
      35 KSTOT(14),K1OT(16),K2OT(16)
      36 KSTOT(14),K1OT(16),K2OT(16)
      37 KSTOT(14),K1OT(16),K2OT(16)
      38 KSTOT(14),K1OT(16),K2OT(16)
      39 KSTOT(14),K1OT(16),K2OT(16)
      40 KSTOT(14),K1OT(16),K2OT(16)
      41 KSTOT(14),K1OT(16),K2OT(16)
      42 KSTOT(14),K1OT(16),K2OT(16)
      43 KSTOT(14),K1OT(16),K2OT(16)
      44 KSTOT(14),K1OT(16),K2OT(16)
      45 KSTOT(14),K1OT(16),K2OT(16)
      46 KSTOT(14),K1OT(16),K2OT(16)
      47 KSTOT(14),K1OT(16),K2OT(16)
      48 KSTOT(14),K1OT(16),K2OT(16)
      49 KSTOT(14),K1OT(16),K2OT(16)
      50 KSTOT(14),K1OT(16),K2OT(16)
      51 KSTOT(14),K1OT(16),K2OT(16)
      52 KSTOT(14),K1OT(16),K2OT(16)
      53 KSTOT(14),K1OT(16),K2OT(16)
      54 KSTOT(14),K1OT(16),K2OT(16)
      55 KSTOT(14),K1OT(16),K2OT(16)
      56 KSTOT(14),K1OT(16),K2OT(16)
      57 KSTOT(14),K1OT(16),K2OT(16)
      58 KSTOT(14),K1OT(16),K2OT(16)
      59 KSTOT(14),K1OT(16),K2OT(16)
      60 KSTOT(14),K1OT(16),K2OT(16)
      61 KSTOT(14),K1OT(16),K2OT(16)
      62 KSTOT(14),K1OT(16),K2OT(16)
      63 KSTOT(14),K1OT(16),K2OT(16)
      64 KSTOT(14),K1OT(16),K2OT(16)
      65 KSTOT(14),K1OT(16),K2OT(16)
      66 KSTOT(14),K1OT(16),K2OT(16)
      67 KSTOT(14),K1OT(16),K2OT(16)
      68 KSTOT(14),K1OT(16),K2OT(16)
      69 KSTOT(14),K1OT(16),K2OT(16)
      70 KSTOT(14),K1OT(16),K2OT(16)
      71 KSTOT(14),K1OT(16),K2OT(16)
      72 KSTOT(14),K1OT(16),K2OT(16)
      73 KSTOT(14),K1OT(16),K2OT(16)
      74 KSTOT(14),K1OT(16),K2OT(16)
      75 KSTOT(14),K1OT(16),K2OT(16)
      76 KSTOT(14),K1OT(16),K2OT(16)
      77 KSTOT(14),K1OT(16),K2OT(16)
      78 KSTOT(14),K1OT(16),K2OT(16)
      79 KSTOT(14),K1OT(16),K2OT(16)
      80 KSTOT(14),K1OT(16),K2OT(16)
      81 KSTOT(14),K1OT(16),K2OT(16)
      82 KSTOT(14),K1OT(16),K2OT(16)
      83 KSTOT(14),K1OT(16),K2OT(16)
      84 KSTOT(14),K1OT(16),K2OT(16)
      85 KSTOT(14),K1OT(16),K2OT(16)
      86 KSTOT(14),K1OT(16),K2OT(16)
      87 KSTOT(14),K1OT(16),K2OT(16)
      88 KSTOT(14),K1OT(16),K2OT(16)
      89 KSTOT(14),K1OT(16),K2OT(16)
      90 KSTOT(14),K1OT(16),K2OT(16)
      91 KSTOT(14),K1OT(16),K2OT(16)
      92 KSTOT(14),K1OT(16),K2OT(16)
      93 KSTOT(14),K1OT(16),K2OT(16)
      94 KSTOT(14),K1OT(16),K2OT(16)
      95 KSTOT(14),K1OT(16),K2OT(16)
      96 KSTOT(14),K1OT(16),K2OT(16)
      97 KSTOT(14),K1OT(16),K2OT(16)
      98 KSTOT(14),K1OT(16),K2OT(16)
      99 KSTOT(14),K1OT(16),K2OT(16)
      100 KSTOT(14),K1OT(16),K2OT(16)

```

```

0003 DIMENSION ICSOI(4),MOTIN(3)
0004 DATA ICSOI/0,0,0,0/
0005 DATA MOTIN/0,0,0/

```

```

C READ 1 DPPC 1-7 24CH
C READ 2 DPPC 1-27 40CH
C READ 3 DPPC 0-12 52CH
C READ 4 PEC TITLE 150 6 CH ID + 52 CH
C READ 5 RAW DATA
C RAW DATA BELOW
C COL TYPE WD DESCRIPTION
C 1-3 13 1 PROGRAM(2)/LINE(1)
C 4 41(1) 2 C(1),C(2),S(3),I(4)
C 5-7 13 3 UNITS
C 8-27 544 4-8 UNIT DESIGNATOR
C 28-31 14 9 RES OFFICERS
C 32 31 10 RES OFFICERS TYPE
C 33-36 14 11 RES ENLISTED
C 37 31 12 RES ENLISTED TYPE
C N=1
C 38-41 14 13 ACT OFFICERS
C 42-44 13 14 ACT ENLISTED
C 45 11 15 DPCC1
C 46-47 12 16 DPCC2
C 48-49 12 17 DPCC3
C 50 11 18 TYPE TO RE AUG.
C 51 11 19 TYPE OF CRU.
C 52-74 23X - PLANK
C 75-79 15 20 PRE NO. 1
C 80 31 21 PRE NO. 2
C READ IDPPC1
C 00 5 J=1,7
C READ (5,1001) JTEMP,(IDPPC1(I,J),I=1,6)
C 1001 FORMAT(7X,1P,5X,1644)
C 5 CONTINUE
C READ IDPPC2
C N=2
C 00 10 J=1,27
C READ (5,1001) JTEMP,(IDPPC2(I,J),I=1,10)
C IF(JTEMP.NE.0) GO TO 35
C 10 CONTINUE
C READ IDPPC3
C N=3
C 00 15 J=1,13
C READ (5,1001) JTEMP,(IDPPC3(I,J),I=1,13)
C IF (JTEMP.NE.-1) GO TO 75
C 15 CONTINUE
C READ PEC TITLES
C N=4
C 00 20 J=1,150
C READ (5,1002) (IFFC(I,J),I=1,15)

```

0006

```

0025 1002 FORMAT(X,15,A1,4X,13A4)
0026 IF(IPEC(1,J).EQ.9999) GO TO 24
0027 20 CONTINUE
0028 GO TO 35
0029 25 NPFC=J
0030 IPEC(3,J)=NOTIN(1)
0031 IPEC(4,J)=NOTIN(2)
0032 IPFC(5,J)=NOTIN(2)
      READ RAW DATA
      N=5
0033 DO 30 J=1,450
0034 READ (5,1003) (IATA(1,J),I=1,21)
0035 1003 FORMAT(13,A1,12,5A4,14,A1,14,13,11,212,A1,11,23X,15,A1)
0036 IF(IATA(20,J).EQ.9999) GO TO 40
0037 DO 27 I=1,4
0038 IF(IATA(2,J).EQ.ICSCI(I)) GO TO 28
0039 27 CONTINUE
0040 28 IATA(2,J)=1
0041 GO TO 35
0042 IF (IATA(15,J).LT.1.0R. IATA(15,J).GT.7) GO TO 35
0043 IF (IATA(16,J).LT.1.0R. IATA(16,J).GT.27) GO TO 35
0044 IF (IATA(17,J).LT.0.0R. IATA(17,J).GT.12) GO TO 35
0045 30 CONTINUE
0046 C DATA ERROR
0047 35 WRITE(6,1004) N
0048 1004 FORMAT(1 DATA ERROR IN DATA BLOCK*,15)
0049 STOP
0050 40 NDATA=J
0051 IATA(15,NDATA) = 99
0052 IATA(16,NDATA) = 59
0053 IATA(17,NDATA) = 59
0054 RETURN
0055 *40

```

```

0001 SUBROUTINE CCLL(A)
0002 COMMON IDPCT(6),IDPPC2(10,27),IDPPC3(13,12),IPEC(15,150),
      1 IDATA(21,450),LIAE(16), ISTOT(16),ITOT(16),IGTOT(16),
      2 FACT(12),KINF(16), KSTCT(16),KTOT(16),KGTOY(16),
      3 KITOT(16),K2TOT(16),I1TOT(16),I2TOT(16)
      DATA IE,IC,I8,ID,E ,O,C ,OB ,OD , /
0003 LINE(2)=LINE(2)+IDATA(13,N)*IDATA(3,N)
0004 I1TOT(2)=ISTCT(2) + IDATA(13,N) * IDATA(3,N)
0005 I2TOT(2)=I1TOT(2) + IDATA(13,N) * IDATA(3,N)
0006 IGTOT(2)=IGTOT(2) + IDATA(13,N) * IDATA(3,N)
0007 I1TOT(2) = I1TOT(2) + IDATA(13,N) * IDATA(3,N)
0008 I2TOT(2) = I2TOT(2) + IDATA(13,N) * IDATA(3,N)
0009 KTEMP=(IDATA(13,N)+IDATA(3,N))*FACT(11)/1000.+5
0010 KIME(2)=KIME(2)+KTEMP
0011 KSTOT(2)=KSTCT(2)+KTEMP
0012 KTOT(2)=KTOT(2)+KTEMP
0013 KGTOY(2)=XGTCY(2)+KTEMP
0014 KITOT(2) = KITOT(2) + KTEMP
0015 K2TOT(2) = K2TOT(2) + KTEMP
0016 LIME(3)=LIME(2)+IDATA(14,N)*IDATA(3,N)
0017 I1TOT(3) = I1TOT(3) + IDATA(14,N) * IDATA(3,N)
0018 I2TOT(3) = I2TOT(3) + IDATA(14,N) * IDATA(3,N)
0019 IGTOT(3) = IGTOT(3) + IDATA(14,N) * IDATA(3,N)
0020 I1TOT(3) = I1TOT(3) + IDATA(14,N) * IDATA(3,N)
0021 I2TOT(3) = I2TOT(3) + IDATA(14,N) * IDATA(3,N)
0022 KTEMP=(IDATA(14,N)+IDATA(3,N))*FACT(12)/1000.+5
0023 KIME(3)=KIME(3)+KTEMP
0024 KSTOT(3)=KSTCT(3)+KTEMP
0025 KTOT(3)=KTOT(3)+KTEMP
0026 KGTOY(3)=KGTCY(3)+KTEMP
0027 KITOT(3) = KITOT(3) + KTEMP
0028 K2TOT(3) = K2TOT(3) + KTEMP
0029 LIME(4)=LINE(2)+LIAE(3)
0030 I1TOT(4) = I1TOT(2) + ISTOT(3)
0031 ITOT(4) = ITOT(2) + ITOT(3)
0032 IGTOT(4) = IGTOT(2) + IGTOT(3)
0033 I1TOT(4) = I1TOT(2) + I1TOT(3)
0034 I2TOT(4) = I2TOT(2) + I2TOT(3)
0035 KIME(4)=KIME(2)+KIME(3)
0036 KSTOT(4)=KSTCT(2)+KSTOT(3)
0037 KTOT(4)=KTOT(2)+KTCT(3)
0038 KGTOY(4)=KGTCY(2)+KGTOY(3)
0039 KITOT(4) = KITOT(2) + KITOT(3)
0040 K2TOT(4) = K2TOT(2) + K2TOT(3)
0041 J=15
0042 I=11
0043 K=9
0044 L=2
0045 IF(ICDATA(K+1,A).NE.IE) GO TO 1F
0046 I=L-1
0047 GO TO 20
0048 IF(IDATA(K+1,A).NE.ID) GO TO 17
0049 I=L-4
0050 I=L+2
0051 GO TO 20
0052

```

```

0054 17 IF(ICATA(K+1,N).NE.IC) GO TO 12
0055 I=I-2
0056 L=L+1
0057 GO TO 20
0058 18 IF(ICATA(K+1,N).NE.IR) GO TO 20
0059 I=I+2
0060 L=L-1
0061 20 LINE(I)=LINE(I) + IDATA(K,N) + IDATA(3,N)
0062 ISTOT(I) = ISTOT(I) + IDATA(K,N) + IDATA(3,N)
0063 IYOT(I) = IYOT(I) + IDATA(K,N) + IDATA(3,N)
0064 IGOT(I) = IGOT(I) + IDATA(K,N) + IDATA(3,N)
0065 I1TOT(I) = I1TOT(I) + IDATA(K,N) + IDATA(3,N)
0066 I2TOT(I) = I2TOT(I) + IDATA(K,N) + IDATA(3,N)
0067 LINE(J) = LINE(J) + IDATA(K,N) + IDATA(3,N)
0068 ISTOT(J) = ISTOT(J) + IDATA(K,N) + IDATA(3,N)
0069 IYOT(J) = IYOT(J) + IDATA(K,N) + IDATA(3,N)
0070 IGOT(J) = IGOT(J) + IDATA(K,N) + IDATA(3,N)
0071 I1TOT(J) = I1TOT(J) + IDATA(K,N) + IDATA(3,N)
0072 I2TOT(J) = I2TOT(J) + IDATA(K,N) + IDATA(3,N)
0073 KTEMP=(IDATA(K,N)+IDATA(3,N)*FACT(L))/1000.+5
0074 KINE(I)=KINE(I)+KTEMP
0075 KSTOT(I)=KSTOT(I)+KTEMP
0076 KTOT(I)=KTOT(I)+KTEMP
0077 KGTOT(I)=KGTOT(I)+KTEMP
0078 KITOT(I) = KITOT(I) + KTEMP
0079 K2TOT(I) = K2TOT(I) + KTEMP
0080 KINE(J)=KINE(J)+KTEMP
0081 KSTOT(J)=KSTOT(J)+KTEMP
0082 KTOT(J)=KTOT(J)+KTEMP
0083 KGTOT(J)=KGTOT(J)+KTEMP
0084 K1TOT(J) = K1TOT(J) + KTEMP
0085 K2TOT(J) = K2TOT(J) + KTEMP
0086 IF(K.EQ.11) RETURN
0087 K=11
0088 I=12
0089 J=16
0090 L=7
0091 GO TO 15
0092 END

```

SYMBOL	LOCATION	COMMON BLOCK /	SYMBOL	LOCATION	MAP SIZE	SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION
IOPPC1	0	IOPPC2	JA	IOPPC3	4FC	IPLC	784	DATA	2AAC		
LINE	8F54	ISTOT	FE54	ITOT	HECA	IRTOT	8F14	FACT	8F54		
KINE	8F84	KSTOT	FECA	VTOT	CP04	KETOT	CP04	K1TOT	CS94		
K2TOT	CP04	I1TOT	C104	I2TOT	C144						

SYMBOL	LOCATION	SCALAR MAP	SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION
IE	D8	IC	CC	E0	ID	E4	N	ES
KTEMP	EC	J	F0	F4	K	F8	L	FC

OPTIONS IN EFFECT ID,ERCDIC,SOURCE,NOLIST,NOCHECK,LOAD,MAP
 OPTIONS IN EFFECT NAME = COLL * LINECNT = ER
 STATISTICS SOURCE STATEMENTS = 92,PROGRAM SIZE = 3436
 STATISTICS NO DIAGNOSTICS GENERATED

11/39/36

DATE = 75296

RDCST

FORTRAN IV 6 LEVEL 21

```

0001 SURRCUTINE RECCST
0002 COMMON IPPC1(6,7),IPPC2(10,27),IPPC3(13,17),IPPC(15,150),
1 IDATA(21,450),LINE(16),
2 FACT(12),KINF(16),
3 KSTOT(16),K70T(16),KSTOT(16),
4 DIMENSION COP(12),CONLY(20),FOONLY(15),IN(20),KGRS0(11,8),
1 BPRO(8),BAGLPO(8),BAQW(8),CAGW(8),ATPC(8),SURFO(8),
2 KGRCS(10,2),BPRF(9),BACVPE(9),BAQVE(9),XCFNE(5),SFAE(9),
3 EQUIVAFNCE (COP(1),FICA),COP(4),ACDVA),CCM(5),ACDAYB),
1 (COW(6),ACCAYE),COW(7),XCDAY),CCOM(9),XCDAYB),CCOM(9),X12DAY),
2 (COW(10),X12DAY),CCOM(11),X72DAY),COW(12),ADMIN),
3 EQUIVAFNCE (CONLY(1),ACDPA),CONLY(2),ACDPR),CONLY(3),ACDPR0),
1 (CONLY(4),CASC),CONLY(5),XCDPA),CONLY(6),XCDPR),
2 (CONLY(7),XCDPA),CONLY(8),XCDPR),CONLY(9),XCDPR),
3 (CONLY(10),XCDPR),CONLY(11),XCDPR),CONLY(12),XCDPR),
4 (CONLY(13),X12PRC),CONLY(14),XCDPR),CONLY(15),XCDPR),
5 (CONLY(16),X12PRC),CONLY(17),XCDPR),CONLY(18),XCDPR),
6 (CONLY(19),XCDPR),CONLY(20),XCDPR),
7 EQUIVAFNCE (FOONLY(1),ACDPA),FOONLY(2),XCDPR),FOONLY(3),XCDPR),
1 (FOONLY(4),XCDPR),FOONLY(5),XCDPR),FOONLY(6),XCDPR),
2 (FOONLY(7),XCDPR),FOONLY(8),XCDPR),FOONLY(9),XCDPR),
3 (FOONLY(10),XCDPR),FOONLY(11),XCDPR),FOONLY(12),XCDPR),
4 (FOONLY(13),XCDPR),FOONLY(14),XCDPR),FOONLY(15),XCDPR),
5 (FOONLY(16),XCDPR),
6 WRITE(6,1001)
0003 1001 FORMAT(1F1)
0004 C READ COMMON OFFICEPS + FALICDEF
0005 READ (5,1002) (IN(J),J=1,20)
0006 1002 FORMAT (20A4)
0007 WRITE (5,1003) (IN(J),J=1,20)
0008 1003 FORMAT (1X,2F4)
0009 DO 10 I=1,12
0010 READ (5,1004) COW(I),COW(J),J=1,10)
0011 1004 FORMAT (F10.4,17A4,A2)
0012 IF (I.NE.1) GO TO 8
0013 WRITE(6,1015) COW(I),IN(J),J=1,10)
0014 1015 FORMAT(1Y,F10.4,17A4,A2)
0015 GO TO 16
0016 8 WRITE (6,1005) COW(I),IN(J),J=1,10)
0017 10 CONTINUE
0018 1005 FORMAT (1X,F10.4,17A4,A2)
0019 FACT(1)=COW(2)
0020 FACT(12)=COW(3)
0021 READ (5,1002) (IN(J),J=1,20)
0022 WRITE (6,1003) (IN(J),J=1,20)
0023 DO 15 I=1,20
0024 READ (5,1004) CONLY(I),IN(J),J=1,10)
0025 WRITE (6,1005) CONLY(I),IN(J),J=1,10)
0026 READ (5,1002) (IN(J),J=1,20)
0027 WRITE (6,1003) (IN(J),J=1,20)
0028 DO 22 I=1,20
0029 READ (5,1004) CONLY(I),IN(J),J=1,10)
0030 WRITE (6,1005) CONLY(I),IN(J),J=1,10)
0031 READ (5,1002) (IN(J),J=1,20)
0032 WRITE (6,1003) (IN(J),J=1,20)
0033 DO 22 I=1,20
0034 READ (5,1004) CONLY(I),IN(J),J=1,10)
0035 WRITE (6,1005) CONLY(I),IN(J),J=1,10)
0036 22 WRITE (6,1007) (CONLY(I),J=1,10)

```

```

0027 1007 FORMAT (1X,I5,10I6,12X,A3)
0028 DO 25 I=1,4
0029 READ (5,1002) (IN(J),J=1,20)
0030 25 WRITE(6,1003) (IA(J),J=1,20)
0031 DO 30 I=1,4
0032 READ (5,1004)PRRC(I),BAGUPC(I),BAGUO(I),PAQUCO(I),AIPO(I),SURFO(I)
0033 1 *KIFM
0034 1008 FORMAT (F5,2,4SF6,2,42X,A3)
0035 30 WRITE(6,1005)BPRC(I),BAGUPC(I),BAGUO(I),PAQUCO(I),AIRO(I),SURFO(I)
0036 1 *KIFM
0037 1009 FORMAT (1X,F5,2,4SF6,2,42X,A3)
0038 DO ONLY(1)=.01*COALY(1)
0039 ONLY(2)=.01*COALY(2)
0040 ONLY(3)=.01*COALY(3)
0041 ONLY(4)=.01*COALY(4)
0042 ONLY(5)=.01*COALY(5)
0043 ONLY(6)=.01*COALY(6)
0044 ONLY(7)=.01*COALY(7)
0045 ONLY(8)=.01*COALY(8)
0046 DO 35 I=1,8
0047 35 BAGUPC(I)=.01*PACUPC(I)
0048 C
0049 READ ENLISTIC
0050 PRAD (5,1002) (IR(I),J=1,20)
0051 WRITE (6,1003) (IR(I),J=1,20)
0052 DO 40 I=1,16
0053 READ (5,1004) COALY(I), (IR(J),J=1,18)
0054 40 WRITE(6,1005) COALY(I), (IR(J),J=1,18)
0055 DO 45 I=1,5
0056 READ (5,1002) (IR(I),J=1,20)
0057 45 WRITE(6,1003) (IR(I),J=1,20)
0058 DO 50 I=1,5
0059 READ (5,1014) (KROUSE(J),J=1,10),KIFM
0060 50 WRITE(6,1017) (KROUSE(J),J=1,10),KIFM
0061 1016 FORMAT (1X,7I6,18X,A3)
0062 1017 FORMAT (1X,15,0I6,18X,A3)
0063 DO 55 I=1,4
0064 READ (5,1002) (IN(J),J=1,20)
0065 55 WRITE(6,1003) (IN(J),J=1,20)
0066 DO 60 I=1,5
0067 READ (5,1018) PRF(I),BAGUPC(I),BAGUO(I),XCFNE(I),SEAE(I),KIFM
0068 60 WRITE(6,1019) PRF(I),BAGUPC(I),BAGUO(I),XCFNE(I),SEAE(I),KIFM
0069 1018 FORMAT (F5,2,4SF6,2,48X,A3)
0070 1019 FORMAT (1X,5F6,2,4SF6,2,48X,A3)
0071 DO 65 I=1,4
0072 IF (I,5,4) FONLY(I+10)=.01*FONLY(I+10)
0073 65 FONLY(I)=.01*FONLY(I)
0074 DO 70 I=1,4
0075 70 BAGUPC(I)=.01*BAGUPC(I)
0076 C
0077 CALCULATE OFFICE FACTOR
0078 SUMCEN
0079 SUMSCEN
0080 SUMACEN
0081 SUMQEN
0082 SUMPCEN
0083 SUMPCEN
0084 SUMPCEN
0085 SUMPCEN
0086 SUMPCEN
0087 SUMPCEN
0088 SUMPCEN
0089 SUMPCEN
0090 SUMPCEN
0091 SUMPCEN
0092 SUMPCEN
0093 SUMPCEN
0094 SUMPCEN
0095 SUMPCEN
0096 SUMPCEN
0097 SUMPCEN
0098 SUMPCEN
0099 SUMPCEN
0100 SUMPCEN

```


FORTRAN IV 6 LEVEL 21

RDCOST

DATE = 75096

11/39/56

PAGE 000F

1 27X*24 DRILLS AF DRILLS 60 DRILLS 64 DRILLS 120 DRILLS*//

2 * ACOUTRA*18X*SF10.2/

3 * INACOUTPA*16*SF10.2/

4 * CLOTHING ALLOWANCE*7X*SF10.2/

5 * ENLISTED SUBSISTENCE*5X*SF10.2/

6 * ACOUTRA TRAVEL*11X*SF10.2//

7 * TOTAL DIRECT PAY FACTOR*2X*SF10.2/

8 * TOTAL INDIRECT PAY FACTOR*5X*SF10.2/////

9 * ACTIVE OFFICER*11X*F10.2/

* * ACTIVE ENLISTED*10X*F10.2)

RETURN

FND

0175
0176

APPENDIX E
PROGRAM ELEMENT TITLES

51611N	SUPPORT SHIPS (FBM)	
51631N	COMMAND (OFFENSIVE)	
52301N	LANTCOM	
52302N	PACOM	
52303N	OTHER	
52305N	ATTACK CARRIERS	
52306N	MULTI-PURPOSE AIRCRAFT CARRIERS	
52311N	A-4 SQUADRONS	
52312N	A-6 SQUADRONS	
52313N	A-7 SQUADRONS	
52316N	F-8 SQUADRONS	
52317N	F-4 SQUADRONS	
52318N	F-14 SQUADRONS	
52323N	COD SQUADRONS	
52324N	EARLY WARNING AIRCRAFT SQUADRONS	
52325N	RECONNAISSANCE SQUADRONS	
52326N	SEA BASED ELECTRONIC WARFARE SQUADRONS	
52327N	SHORE BASED ELECTRONIC WARFARE SQUADRONS	
52328N	READINESS SQUADRONS (CVK)	
52330N	CARRIER ASW SQUADRONS	
52331N	S-2 SQUADRONS	
52332N	SH-3 SQUADRONS	
52333N	S-3 SQUADRONS	
52336N	SEA CONTROL SHIPS	
52337N	VTOL SQUADRONS - SEA CONTROL SHIP	
52338N	LAMPS	
52341N	ASW PATROL SQUADRONS	
52343N	ASW READINESS SQUADRONS	
52345N	SUPPORT FORCES	
52348N	CRUISERS	
52349N	DESTROYERS/FRIGATES - MISSILE	
52350N	DESTROYERS - NON-MISSILE	
52351N	ESCAPES - MISSILE	
52352N	ESCAPES NON-MISSILE	
52353N	ESCAPES - PATROL	
52354N	SUPPORT FORCES	
52358N	MINING FORCES	
52359N	MINE COUNTERMEASURE FORCES	
52360N	AIR MINE COUNTERMEASURE SQUADRONS	
52361N	MINE AND MINE SUPPORT	
52363N	UNDERSEA SURVEILLANCE SYSTEMS	
52366N	AMPHIBIOUS ASSAULT SHIPS	
52367N	AMPHIBIOUS SUPPORT SHIPS	
52368N	AMPHIBIOUS TACTICAL SUPPORT SHIPS	
52371N	COASTAL/RIVER FORCES	
52372N	INSURE UNDERSEA WARFARE FORCES	
52373N	SPECIAL WARFARE FORCES	
52374N	EXPLOSIVE ORDNANCE DISPOSAL FORCES	
52375N	UNDERWAY REPLENISHMENT SHIPS	
52377N	MAJOR FLEET SUPPORT SHIPS	
52378N	MINOR FLEET SUPPORT SHIPS	
52379N	FLEET SUPPORT SQUADRONS - AIRCRAFT	
52380N	SPECIAL COMBAT SUPPORT - CARGO HANDLING	
52381N	SPECIAL COMBAT SUPPORT - MOBILE ORDNANCE TECH	
52382N	SPECIAL COMBAT SUPPORT - COMBAT CAMERA	
52383N	SPECIAL COMBAT SUPPORT - HARBOR CLEARANCE	
52384N	NAVAL CONSTRUCTION FORCES	
52386N	DEEP SUBMERGENCE SYSTEMS	
52401N	SEA CONTROL/PROJECTION - AIR BASE OPERATIONS	
52402N	SEA CONTROL/PROJECTION - AIR BASE COMMUNICATIONS	E-2
52403N	SEA CONTROL - AIR BASE OPERATIONS	
52404N	SEA CONTROL - AIR BASE COMMUNICATIONS	
52405N	FLEET SUPPORT (PORT) BASE OPERATIONS	

52406N	FLEET SUPPORT(PORT) BASE COMMUNICATIONS
52407N	FLEET LOGISTICS SUPPORT BASE OPERATIONS
52408N	FLEET LOGISTICS SUPPORT BASE COMMUNICATIONS
52413N	FLEET SUPPORT TRAINING
52421N	FLEET COMMAND
52422N	SEA CONTROL/PROJECTION COMMAND
52424N	SEA CONTROL (AIR) COMMAND
52425N	SEA CONTROL (SURFACE) COMMAND
52426N	SEA CONTROL (SUBSURFACE) COMMAND
52427N	SEA PROJECTION COMMAND
52428N	INSHORE WARFARE COMMAND
52429N	MOBILE FORCES COMMAND
52511M	DIVISIONS (MARINE RESERVE)
52512M	WINGS (MARINE RESERVE)
52513M	OTHER COMBAT SUPPORT(MARINE RESERVE)
53131N	FLEET INTELLIGENCE SUPPORT ACTIVITY
53132N	CRYPTOLOGIC ACTIVITIES
53137N	ELINT CENTERS
53138N	INTELLIGENCE PRODUCTION ACTIVITIES
53139N	SCIENTIFIC AND TECHNICAL INTELLIGENCE
53140N	INTELLIGENCE DATA HANDLING
53141N	INTELLIGENCE MANAGEMENT AND SUPPORT ACTIVITIES
53143N	CRYPTOLOGIC COMMUNICATIONS
53144N	INTELLIGENCE COMMUNICATIONS
53154N	NAVY COMMUNICATIONS (NAVCOM)
53155N	NAVY COMMUNICATIONS (DCS)
53158N	CCMSEC
53170N	WEATHER SERVICE
53174N	COUNTER INTELLIGENCE AND INVESTIGATIVE ACTIVITIES (CI & IA)
53584N	COMMAND
54302N	TROOP CARGO TRANSPORT
54316N	MSC HEADQUARTERS
54321N	PORT TERMINAL OPERATIONS
56294N	R & D LABORATORIES
56307N	FAC AND INSTALLATION SUPPORT
57113N	LOGISTIC SUPPORT
57203N	SUPPLY DEPOTS/OPERATIONS
57204N	INVENTORY CONTROL POINTS/OPERATIONS
57205N	PROCUREMENT OPERATIONS
57211N	DEPOT MAINTENANCE
57217N	SHIP MAINTENANCE ACTIVITIES
57219N	NAVAL ORDNANCE ACTIVITIES
57223N	PUBLIC WORKS CENTERS
57243N	BASE OPERATIONS (NAVY)
57244N	COMMAND (INCL. SPT DEP AGENCY)
57253N	LOGISTIC SUPPORT ACTIVITIES
57255N	NAVY INACTIVE SHIP MAINTENANCE FACILITY
58111N	RECRUIT TRAINING
58112N	SPECIALIZED TRAINING
58114N	FLIGHT TRAINING
58115N	SEA CONTROL TRAINING
58131N	HOSPITALS
58132N	MEDICAL CENTERS
58136N	OTHER MEDICAL ACTIVITIES
58141N	RECRUIT TRAINING
58142N	INDIVIDUAL TRAINING
58164N	BASE OPERATIONS
58167N	COMMAND (INCL. SPT OF DEP AGENCY)
58170N	SPECIAL CATEGORY TRAINEES
58171N	BASE OPERATIONS NAVAL RESERVE
58172N	TRAINING SUPPORT (NAVAL RESERVE)
59299N	UNDISTRIBUTED ADJUSTMENT
59512N	DEPARTMENTAL HEADQUARTERS
59513N	OTHERFIELD ACTIVITIES
59514N	HQ LEVEL NAVAL RESERVE
59517N	OTHER HQ SPT(OT OTHERWISE ACCOUNTED FOR)

59519A
59520N
50104N
98999

PUBLIC AFFAIRS
FIELD COMMAND NAVAL RESERVE
INTERNATIONAL MILITARY HQ AND AGENCIES

APPENDIX F
NRRM PROGRAM DATA

F-2

32S	3ATS	1	1F	0	02	6	550	52378N	
320	640TU	2	24	0	02	6	500	52381N	
340	1SERVLANT	33R	554	0	0416	000		52420N	
340	1SERVPAC	14B	10A	0	0416	000		52429N	
340	10SERVON/GRU	11B	30A	0	0416	000		52429N	
41S	5FSCOPTS (80/20)	3	54	0	02	6	350	52350N	
41S	2CLC	3	50	0	02	6	350	5234PM	
41S	3DDC	2	18	0	02	6	350	52349N	
41S	18DD (FRAM 1)	2	20	0	02	6	350	52350N	
41S	4FF	1	15	0	02	6	350	52352A	
41C	28DD (FRAM 1) NRE	7C	112C	121762	6	3-1		52350N	
41C	2DD (825/027) NRE	8C	88C	121762	6	3-1		52350N	
41C	1DD (724) NRE	7C	94C	0	02	6	3-1	52350N	
42S	18AD	2	50	0	02	6	350	52354A	
42S	3AFDM	2	50	0	02	6	350	52354N	
440	1CRUDESLANTSTAFF	6R	10A	0	0416	000		52425N	
440	6NESLANT DETS	5P	1A	0	0416	000		52425N	
440	1CRUDESPACSTAFF	4R	50A	0	0416	000		52425N	
440	4DESPAC DETS	5R	1A	0	0416	000		52425N	
440	10SDEVERU STAFF	7	10	0	0416	000		52425N	
440	6CRUDESGRU STAFF	5P	10A	0	0416	000		52425N	
440	8DESRONS STAFFS	1P	18A	0	0416	000		52425N	
440	10ESRON STAFF NRE	7R	9A	3	11416	0-1		52425N	
440	10ESRON STAFF NRE	3B	9A	5	6416	0-1		52425N	
440	10ESRON STAFF NRE	7R	9A	4	4416	0-1		52425N	
440	20ESRON STAFFS NRE	3P	9A	5	8416	011		52425N	
51C	1HC (HH-3)	25	80	0	02	6	5-3	52379N	
51C	2VF (F-8)	3C	104C	4	832	5	0-2	52316N	
51C	2VF (F-8)	24	13F	0F	4	832	5	0-2	52316N
51C	2VF (F-4)	24	4C	157C	5	1012	5	0-2	52317N
51C	2VF (F-4)	24	20F	0F	5	1012	5	0-2	52317N
51C	4VA (A-7)	48	4C	156C	4	852	5	0-2	52313N
51C	4VA (A-7)	48	16F	0F	4	852	5	0-2	52313N
51C	2VA (A-4)	28	3C	92C	4	742	5	0-2	52311A
51C	2VFP (F-8)	28	19E	0F	4	742	5	0-2	52311N
51C	2VFP (F-8)	24	1C	28C	2	332	5	0-2	52325N
51C	2VFP (F-8)	24	4F	0F	2	332	5	0-2	52325N
51C	2VAV (E-1B) (CVMR)-8	0C	27C	4	142	5	0-2	52324N	
51C	2VAV (E-1B) (CVMR)-8	15E	0E	4	142	5	0-2	52324N	
51C	2VAV (K4-3)	0C	61C	5	552	5	0-2	52326N	
51C	2VAV (K4-3)	12	15F	16E	5	552	5	0-2	52326N
51C	4HS (SH-3A)	32	1C	85C	4	502	6	3-2	52332N
51C	4HS (SH-3A)	32	29E	32F	4	502	6	3-2	52332N
51C	2VP (SP-2H)	24	3C	176C	4	702	6	3-2	52341A
51C	2VP (SP-2H)	24	66E	80F	4	702	6	3-2	52341A
51C	10VP (P-3A)	60	224C	4	852	6	3-2	52341N	
51C	10VP (P-3A)	60	224C	4	852	6	3-2	52341N	
51S	2VF (F-8)	24	36A	0	02	5	040	52316N	
51S	2VF (F-8)	10C	0C	0	02	5	040	52316N	
51S	2VF (F-4)	24	52A	0	02	5	040	52317E	
51S	2VF (F-4)	12C	0C	0	02	5	040	52317N	
51S	6VA (A-7)	6C	0F	0	02	5	040	52313N	
51S	4VA (A-4)	1A	54A	0	02	5	040	52311A	
51S	4VA (A-4)	0C	0F	0	02	5	040	52311A	
51S	2VFP (PF-86)	1A	45A	0	02	5	040	52325A	
51S	2VFP (PF-86)	7F	0F	0	02	5	040	52325A	
51S	4VAV (E-1B)	0A	35A	0	02	5	040	52324N	
51S	4VAV (E-1B)	9P	0C	0	02	5	040	52324N	
51S	2VAV (ORG MNTICF ACT)	0A	36A	0	02	5	040	52324N	
51S	2VAV (ORG MNTICF ACT)	30	0F	0	02	5	040	52324N	
51S	2VAV (FK-3B)	2A	37A	0	02	5	040	52324N	
51S	2VAV (FK-3B)	10F	10F	0	02	5	040	52324N	
51S	4HS (SH-3A)	4A	24A	0	02	5	040	52324N	
51S	4HS (SH-3A)	8C	70F	0	02	5	040	52324N	
51S	4VAV (SH-3A)	7F	0F	0	02	5	040	52324N	
51S	4VAV (SH-3A)	7F	0F	0	02	5	040	52324N	

51S	24VP (P-3A)	14C	600	0	02	6	3A0	52341N
51S	2VP (ORG MNTCE ACT)	0A	66A	0	02	6	3A0	52341N
51S	2VP (ORG MNTCE ACT)	3C	0C	0	02	6	3A0	52341N
51S	10CARRIERS	4	110	0	02	5	0C0	52305N
51S	2CARRIERS	4	110	0	02	5	0C0	52305N
52C	1VR (C-118)	- 3	RC 54C	1	272	6	5-2	52379N
52C	1VR (C-118)	- 3	20C 36D	1	272	6	5-2	52379N
52C	2CVSR	0	0	5	7416	0-2		52424N
52C	3VP (C-11P)	- 9	8C 54C	2	362	6	5-2	52379N
52C	3VP (C-118)	- 9	20D 36D	2	362	6	5-2	52379N
52C	6VR DFT (C-118)	8C	54C	2	362	6	5-2	52379N
52C	6VR DET (C-118)	19C	36C	2	362	6	5-2	52379N
52C	2VC (A-4)	-16	1A P5A	3	422	6	5-2	52379N
52C	2VC (A-4)	-16	13D 0C	3	422	6	5-2	52379N
52C	1TACRON	73A	53A	0	02	6	5-2	52368N
52S	20VP (C-118)	2A	28A	0	02	6	5A0	52379N
52S	20VR (C-118)	12D	36D	0	02	6	5A0	52379N
52S	2VC (ORG MNTCE ACT)	2A	42A	0	02	6	5A0	52379N
52S	2VC (ORG MNTCE ACT)	1D	0C	0	02	6	5A0	52379N
52S	2COMBAT CAMERA GROUP	21	20	0	02	6	5A0	52379N
530	13NAS (MAJOR)	6	47	0	02	6	5C0	52382N
530	1NAS (MAJOR)	0	2	0	0414	0C0		52401N
530	9NAS (MAJOR)	6	77	0	0414	0C0		52403N
530	7NAVAL AIR STATIONS	6	77	0	0414	0C0		52401N
530	3NAVAL AIR STATIONS	6	81	0	0414	0C0		52403N
530	3NAVAL STATION	6	81	0	0414	0C0		52403N
530	3NAV AIR FACILITIES	5	70	0	0414	0C0		52401N
530	12INTERMED MNTCE ACT	3	50	0	0414	0C0		52403N
530	9INTERMED MNTCE ACT	3	50	0	0414	0C0		52403N
530	2ACFT MAT'L OFF	2	1R	0	0520	9C0		52403N
540	2CARRIER GROUP	10P	17A	0	0416	0C0		52422N
540	1CARRIER AEW WING	2P	5A	0	0416	0C0		52422N
540	2CARRIER AIR WING	12P	12A	0	0416	0C0		52422N
540	1PECON ATTACK WING	2P	14A	0	0416	0C0		52424N
540	1RESPATLINGLANT	0	0	6	9416	0C0		52424N
540	1RESPATLINGLANT	0	0	4	9416	0C0		52424N
540	1COMRESTACSUPPLYING	0	0	7	252	4	5-3	52379N
540	1ASU WING	13	25A	0	0416	0C0		52424N
540	2LIGHT ATTACK WING	13	20A	0	0416	0C0		52422N
540	2MEDIUM ATTACK WING	12P	9A	0	0416	0C0		52422N
540	2FIGHTER WING	10P	20A	0	0416	0C0		52422N
540	6PATROL WING	16P	45A	0	0416	0C0		52422N
540	8AIR TYCON	17P	15A	0	0416	0C0		52422N
540	2CVWR	2	10	7	5416	0C0		52422N
540	7TSULANT	13	37	0	0416	0C0		52424N
540	6ASUTSULANT	12	21	0	0416	0C0		52424N
540	1ASMOCCN 2ND FLT.	11	26	0	0416	0C0		52424N
540	6TUPAC	14	41	0	0416	0C0		52424N
540	1PATWING TSUPAC	1R	41	0	0416	0C0		52424N
540	1ASWING TSUPAC	1R	45	0	0416	0C0		52424N
540	1TCT 7TH FLT	12	33	0	0416	0C0		52424N
540	1ASU SUPPORT	1P	29	0	0416	0C0		52424N
540	1ASU COCON VAN TSU	12	21	0	0416	0C0		52424N
540	1PRIM/2CV HELO TRACON	14	60	0	0518	0C0		52424N
540	3ADV JET TRACON	14	63	0	0518	0C0		52424N
540	3ADV JET TRACON	11	50	0	0518	0C0		52424N
540	14FO JET TRACON	14	53	0	0518	0C0		52424N
540	4CARGO HANDLING BATTN	12	11C	0	0518	0C0		52424N
540	ANCO	24	73C	0	0518	0C0		52424N
540	20CR CENTER	54	03C	0	0518	0C0		52424N
540	4COMU	10	50A	0	0518	0C0		52424N
540	14EVCO (TERRIC TAFE	17	1C	0	0518	0C0		52424N

F-5

1640	3SECURITY STATION	5	40	0	03 8 000	53132N
1640	22SECGRU ACTIVITY	2	30	0	03 8 000	53132N
1640	11SECGRU ACTIVITY	2	30	0	03 81200	53143N
1640	2SECGRU ACTIVITY	2	30	0	03 81200	53144N
1640	4SECGRU COMSTA	4	40	0	03 8 000	53132N
1640	8SECGRU COMSTA	4	40	0	03 81200	53143N
1640	3SECGRU COMSTA	4	40	0	03 81200	53144N
1640	6SECGRU COMSTA	4	40	0	03 91200	53158N
1640	12SECGRU DET	2	20	0	03 81200	53144N
1650	21GU SECGRU	18	16A	0	03 8 000	53132N
1660	5SECGRU COMMAND	22P	26A	0	03 8 000	53132N
1660	3SECGRU TRAINING	20	31A	0	03 8 000	53132N
1700	15CONTINGENCY GROUP	128	28	0	0416 000	53584N
1700	1ELINT CENTER	38	24B	0	03 8 000	53137N
1700	1AF-TECHNICAL	7F	22	0	0518 000	58112N
1700	10SD/JCS PI	24B	78	0	03 8 000	53141N
1700	2AF-GENERAL	128	58	0	0518 000	58112N
1700	4DEFENSE INTEL	16B	10B	0	0416 000	53584N
1700	5ATTACHE SYSTEM	8P	11F	0	0416 000	53584N
1701	1ATTACH	212B	98P	0	0416 000	53594N
1740	1INISC SUPPORT	20P	25B	0	03 8 000	53139N
1740	12MISC	4	12	0	03 8 000	53139N
1740	1TASK GROUP	5	11	0	03 8 000	53131N
1740	1INTELL PROCESS	3	12	0	03 8 000	53140N
1740	20P INTELL	18	P	0	03 8 000	53138N
1740	1OCEAN INFO	5	14	0	03 8 000	53138N
1740	2FLT OCEAN INFO	5	9	0	03 8 000	53138N
1740	1INVEST CEC	4B	2A	0	0518 000	53174N
1740	3INVEST OPNS	15B	5A	0	0518 000	53174N
1740	20AREA ANALYSIS	13	26	0	03 8 000	53140N
1740	1DATA/COM	10	22	0	03 8 000	53140N
1750	1INPS TRAINING	8B	19B	0	03 8 000	53141N
1760	12INTELL CNMO	10	7	0	03 8 000	53141N
1760	1INTELL AUDIT	7E	17A	0	03 8 000	53141N
1760	1INTELL DISSEP	7	6	0	03 8 000	53141N
1760	1INTELL COLLECT	10	10	0	03 8 000	53141N
1760	1INIS HQ	10	7	0	0518 000	53174N
1760	5INIS TEAM	9E	1A	0	0518 000	53174N
1760	2INTELL TRAINING	8B	6A	0	0518 000	58112N
1960	1OFFICE OF SEC DEF.	1A	0	0	0516 000	59512N
1930	2NAVAL WX. SERVICE	4B	18A	0	0312 000	53170N
1930	1NAVAL WX. SERVICE	2B	12A	0	0312 000	53170N
2060	1OCEAN	5B	6B	0	0416 000	57244N
212C	4TRANSPORTATION UNITS	10	46	0	02 7 014	54302N
212C	1WILDEP/CIV MANNED UR	1A	46	0	02 6 5-4	52475N
212C	1WILDEP/CIV MANNED UR	10	44	0	02 6 5-4	52478N
2140	3MSC OFFICES	8	13	0	02 7 000	54316N
214C	14MSC OFFICES	13B	15B	0	02 7 0-4	54316N
2160	12MSC COM/HQ	12	20	0	02 7 000	54316N
216C	2MSC COM	20	21	0	02 7 0-4	54316N
224C	2NAV CONT OF SHIPP	16	10	0	0416 0-4	52421N
224C	13NAV CONT OF SHIPP	3	15	0	0416 0-4	52421N
224C	11NAV CONT OF SHIPP	P	14	0	0416 0-4	52421N
224C	7LIAISON OFFICES	12	10	0	0416 0-4	52421N
224C	13CONVOYCOM	10A	14B	0	0416 0-4	52421N
224C	13NAV CONVOYCOM	7E	10B	0	0416 0-4	52421N
224C	15NAVSHORE ACT (L)	5P	18A	0	0414 000	52465N
224C	14NAVSHORE ACT (M)	7P	58A	0	0414 000	52465N
224C	15NAVSHORE ACT (S)	6P	48A	0	0414 000	52465N
224C	12STBY CRAFT	20	22A	0	0414 000	52465N
2410	1JCRIO (LOGISTICS)	11C	1A	0	0516 000	50512N
2410	1NAVWAY HQ	11B	2A	0	0416 000	57444N
2410	15NAVAYR REFURRY	14B	4B	0	05001000	57411N
2510	25NAVAYR ENGSEP	10B	4F	0	0500 000	57205N
2520	5AIP CYC HQ	10C	1E	0	0416 000	57444N

2560	2AIR SYS REP	10B	1B	0	05201100	57253N	
2560	RAIR SYS T&E	10B	2R	0	0310 000	56294N	
2640	ANAVAL FACILITIES	4	20	0	02 6 300	52363N	
2640	20CEANOGRAPHIC SYS HQ	2	16	0	05201100	57253N	
2660	INAVELEX HQ	15R	CF	0	0416 000	57244N	
2660	1ELEX REPAIR	5	80	0	05201100	57253N	
2730	1PUBLIC WORKS CENTER	6R	6R	0	0514 000	57233N	
2730	1PUBLIC WORKS CENTER	1F	13R	0	0514 000	57233N	
2730	5PUBLIC WORKS CENTER	5R	1R	0	0514 000	57233N	
2760	8NAVFAC HQ (FAC)	11R	1R	0	0416 000	57244N	
2760	3ENG FIELD DIV (CFD)	14R	1R	0	05201100	57253N	
2760	11ENG FIELD DIV (CFD)	7R	1R	0	05201100	57253N	
2760	10IC CONST (OICC)	7R	9R	0	05201100	57253N	
2760	70IC CONST (OICC)	7R	1R	0	05201100	57253N	
2830	1NAVORD	10R	12R	0	05201000	57219N	
2830	1NAVORD	10R	18R	0	05201000	57219N	
2860	2UNDERWATER ORD	7	36	0	0310 000	56294N	
2860	2WEAPONS ENGIN	6	10.	0	05201000	57219N	
2860	3WEAPONS LAB	7	20	0	0310 000	56294N	
2860	1ORDNANCE TEST	9	20	0	0310 000	56307N	
2860	1ORDNANCE TEST	5	22	0	0310 000	56307N	
2860	ANAVORD HQ	5	1	0	0416 000	57244N	
2860	ANAVORD HQ	5	7	1	0	0416 000	57244N
2920	4HARBOR CLEAR UNITS	5	20	0	02 6 500	523P3M	
2920	6HARBOR CLEAR UNITS	4	17	0	02 6 500	52383N	
2930	1NAVAL SHIPYARD (NSY)	11R	1A	0	05201000	57217N	
2930	2NAVAL SHIPYARD (NSY)	14R	1A	0	05201000	57217N	
2930	2NAVAL SHIPYARD (NSY)	16R	1A	0	05201000	57217N	
2930	2NAVAL SHIPYARD (NSY)	19R	1A	0	05201000	57217N	
2930	1NAVAL SHIPYARD (NSY)	24R	1A	0	05201000	57217N	
2930	7SHIP MAINT/REPAIR	8	142	0	05201000	57255N	
2930	7SHIP MAINT/REPAIR	9	17R	0	0514 000	57243N	
2930	12SHIP MAINT/REPAIR	5	91	0	0514 000	57243N	
2930	2SHIP MAINT/REPAIR	10	132	0	0514 000	57243N	
2930	4SHIP MAINT/REPAIR	4	75	0	0514 000	57243N	
2930	10SHIP MAINT/REPAIR	1	87	0	05201000	57255N	
2930	1FFRC CEMENT BOAT CT	10	51	2	6514 0-4	57243N	
2960	1NAVSHIPS DIVNG/SLVG	8	1	0	0416 000	57244N	
2960	1NAVSHIPS PP & FM	15	4	0	0316 000	57244N	
2960	1NAVSHIPS INDSTR. SUP	20	1	0	0416 000	57244N	
3000	90SA CONTROL	11R	2B	0	0416 000	57244N	
3000	10SA DEPOT	12R	2B	0	0416 000	57244N	
3000	10CASR	5R	2B	0	0416 000	57244N	
3030	71NV CONT'L PTS.	14	10	0	0520 900	57204N	
3030	10NAVAL STOCK POINTS	10	15	0	0520 900	57203N	
3030	3NAVAL STOCK POINTS	10	15	0	0414 000	52407N	
3030	2ADV SUPPLY BASE(MFC)	10	2	0	0514 0-4	57243N	
3030	2ADV SUPPLY BASE(MFC)	7	24	0	0514 0-4	57243N	
3030	2ADV SUPPLY BASE(MIA)	4R	15A	0	0514 0-4	57243N	
3030	1POL	6R	3R	0	0414 000	52405N	
3030	1POL	4R	3R	0	0520 900	57204N	
3030	1POL	6R	3R	0	05201100	57253N	
3030	5PROCUREMENT UNITS	7R	3R	0	0520 900	57205N	
3030	3TRANSPORTATION UNITS	4	7	0	0520 900	57204N	
3030	1TRANSPORTATION UNITS	4	7	0	02 7 000	54771N	
3030	3TRANSPORTATION UNITS	4	7	0	0514 0-4	57243N	
3060	1NAV REG FOCFN	11R	27A	0	0517 000	58131N	
3230	20NAVREG FOCFN	5R	13A	0	0517 000	58131N	
3230	8PEV WED UNIT	4	20	0	0517 000	58131N	
3330	40NAVREG FOCFN	7R	17A	0	0517 000	58131N	
3330	40NAVREG FOCFN	7R	20A	0	0517 000	58131N	
3450	10FLTRAGRU	4	2P	0	0416 000	58131N	
3450	42FLTRAGRU	6R	16A	0	0416 0-4	58131N	
3450	42FLTRAGRU	6R	16A	0	0514 0-4	58131N	

APPENDIX G
NRRM 2 LISTING

```

C
0001 PROGRAM NSRPMV2
COMMON IDPPC1(1,7),IDPPC2(1,79),IDATA(21,450),
1 LINE(16),KFACT(16),ISTOT(16),ITOT(16),JTOT(16),
2 KINE(16),KFACT(16),KSTOT(16),KSTOT(16),KFACT(16),KFACT(16),
DIMENSION ICSTOT(4)
DATA ICSTOT/0,0,0,0 /
0002 DATA ICSTOT/0,0,0,0 /
0003 CALL RDCOST
0004 CALL RDCOST
0005 CALL RDCOST (NCATA)
0006 CALL SORTER (NCATA)
0007 DO 3 I=1,16
0008 KINE(I)=J
0009 LINE(I)=0
0010 KSTOT(I)=0
0011 ISTOT(I)=0
0012 JTOT(I)=0
0013 KSTOT(I)=0
0014 JTOT(I)=0
0015 JGTOT(I)=0
0016 KSTOT(I)=0
0017 JTOT(I)=0
0018 DO 50 N=1,NDATA
0019 IF (N.EQ.1) GO TO 2
0020 J=IDATA(1,N)/10
0021 J=J+1
0022 IF (I.FQ.99) GO TO 50
0023 7 WRIT(6,1001) (IDPPC2(M,I),M=1,11), (IDPPC1(M,J),M=1,15)
0024 1001 FORMAT(11F10.4,5F10.4,5X,COSTS IN 1000),/36X,
0025 1 ACTIVE NAVY,40X,RESERVE NAVY,26X,CIV,26X,120 DRILL 84
20RILL 60 DRILL 48 DRILL 24 DRILL TOTAL RESERVE/25X,
30DM-US OFF FNL TOT 55 OFF ENL
4 OFF ENL
GO TO 6P
0026 25 IF (IDATA(1,N)/10.FG.IDATA(1,N-1)/10) GO TO 27
0027 KFLAC=0
0028 DO 252 I=1,4
0029 IF (IDATA(2,N-1).EQ.1) GO TO 253
0030 252 CONTINUE
0031 25 WRIT(6,1002) IDATA(20,N-1), IDATA(21,N-1), ICSTOT(1),
0032 1 (IDATA(J,N-1),J=4,63), (LINE(J),J=1,16), (KINE(J),J=1,16)
100R FORMAT(1X,15A1,1X,A1,9RU,24X,A31X,15,15,1X,317,1X,5(16,17),
1 1X,217/24X,3,15,1X,317,1X,5(16,17),1X,217)
0034 WRIT(6,1007) (ISTOT(J),J=1,16), (KSTOT(J),J=1,16)
0035 1007 FORMAT(14X,SUBTOTALS,15,15,1X,317,1X,5(16,17),1X,217/
1 24X,3,15,1X,317,1X,5(16,17),1X,217)
0036 WRIT(6,1006) (ITOT(J),J=1,16), (KTOT(J),J=1,16)
0037 1006 FORMAT(12X,LTRAE TOTALS,15,15,1X,317,1X,5(16,17),1X,217/
1 24X,3,15,1X,317,1X,5(16,17),1X,217)
0038 IF (KFLAC.EQ.0) WRIT(6,1005) (ISTOT(J),J=1,16), (KSTOT(J),J=1,16)
0039 1005 FORMAT(12X,PRCGRAP TOTALS,15,15,1X,317,1X,5(16,17),1X,217/
1 24X,3,15,1X,317,1X,5(16,17),1X,217)
0040 DO 254 I=1,16
0041 KINE(I)=0
0042 LINE(I)=0
0043 KSTOT(I)=0
0044 ISTOT(I)=0

```

```

0045 KTOT(I)=0
0046 ITOT(I)=0
0047 IF(KFLAG.NE.0) GO TO 254
0048 KGTOT(I)=0
0049 IGTOT(I)=0
0050
0051 254 CONTINUE
0052 GO TO 4
0053 27 L=IDATA(1,N-1)/IC
0054 L=IDATA(1,N-1)-10*L
0055 L1=ICATA(1,N)/10
0056 L1=ICATA(1,N)-10*L1
0057 IF(L.FO.L1) GO TO 30
0058 KFLAG=1
0059 GO TO 26
0060 30 IF(IDATA(20,N).EQ.IDATA(20,N-1).AND.IDATA(21,N).EQ.IDATA(21,N-1)
0061 1 .AND.IDATA(2,N).EQ.IDATA(2,N-1)) GO TO 35
0062 DO 32 I=1,4
0063 IF(IDATA(2,N-1).EQ.I) GO TO 32
0064 32 CONTINUE
0065 33 WRITE(6,1004) IDATA(20,N-1), ICATA(21,N-1), ICSOI(I),
0066 1(IDATA(J,N-1),J=4,6),(LINE(J),J=1,16),(KINE(J),J=1,16)
0067 WRITE(6,1007) (ISTOT(J),J=1,16),(KSTOT(J),J=1,16)
0068 DO 34 I=1,16
0069 KINE(I)=0
0070 LINE(I)=0
0071 KSTOT(I)=0
0072 ISTOT(I)=0
0073 GO TO 40
0074 34 35 DO 37 I=4,7
0075 IF(IDATA(I,N).NE.ICATA(1,N-1)) GO TO 40
0076 37 CONTINUE
0077 GO TO 40
0078 40 DO 42 I=1,4
0079 IF(IDATA(2,I-1).EQ.I) GO TO 42
0080 42 CONTINUE
0081 43 WRITE(6,1008) IDATA(20,N-1),IDATA(21,N-1),ICSOI(I),
0082 1(IDATA(J,N-1),J=4,6),(LINE(J),J=1,16),(KINE(J),J=1,16)
0083 DO 45 I=1,16
0084 KINE(I)=0
0085 LINE(I)=0
0086 45 LINE(I)=0
0087 48 CALL COLL (N)
0088 50 CONTINUE
0089 55 WRITE(6,1009)(IGETCT(I),I=1,16),(KGETCT(I),I=1,16)
0090 1009 FORMAT(///1X,5RCS TOTALS ,6X,15,1X,317,1X,5(16,17),1X,217/
0091 1 24X,1,15,1X,317,1X,5(16,17),1X,217)
0092 RETURN
0093 END

```

16/08/36

DATE = 75296

RDCOST

FORTRAN IV G LEVEL 21

```

0001 SUBROUTINE RDCOST
0002 COMMON IDPPCI(15,7),JOPPC2(11,39),IDATA(21,450),
0003 1 LINE(16),IGGTCT(16),ISTGT(16),ITOT(16),IGTOT(16),
2 KINE(16),KGCTCT(16),KSTGT(16),KTOT(16),KGTOT(16),FACI(12),
DIMENSION COP(12),CONLY(20),ONLY(16),INC(20),KGROSS(11,8),
1 BPRO(6),BAQPO(6),BAQUP(6),BAQUP(6),BAQUP(6),A190(6),SURFO(8),
2 KGROSS(10,5),BPRE(9),BAQUP(9),BAQUP(9),BAQUP(9),KCEVE(3),SEAE(9),
EQUVALENCE (CCM(1),FICA),CCM(4),ACFAYA),TOT(5),ACDAY(8),
1 (COP(6),ACDAY(8)),COP(7),XCDPA),COP(8),ACDAY(8),COP(9),X12DAY),
2 (COP(10),X3EDAY),CCM(11),X72DAY),COP(12),ADMIN)
EQUVALENCE (CONLY(1),ACDPA),CONLY(2),ACDPRO),CONLY(3),ACDPRO),
1 (CONLY(4),PASC),CONLY(5),XCDPA),CONLY(6),XCDPRO),
3 (CONLY(7),XACPA),CONLY(8),XACPRO),CONLY(9),XCDPA),
4 (CONLY(10),XCDTEC),CONLY(11),XCDTDC),CONLY(12),XCDTDC),
5 (CONLY(13),XCDTDC),CONLY(14),XCDTDC),CONLY(15),XCDTDC),
6 (CONLY(16),XCDTDC),CONLY(17),XCDTDC),CONLY(18),XCDTDC),
EQUVALENCE (CONLY(1),ACDPA),CONLY(2),ACDPRO),CONLY(3),ACDPRO),
1 (CONLY(4),XCDPRO),CONLY(5),XCDPRO),CONLY(6),XCDPRO),
2 (CONLY(7),XCDPRO),CONLY(8),XCDPRO),CONLY(9),XCDPRO),
3 (CONLY(10),XCDPRO),CONLY(11),XCDPRO),CONLY(12),XCDPRO),
4 (CONLY(13),XCDPRO),CONLY(14),XCDPRO),CONLY(15),XCDPRO),
5 (CONLY(16),XCDPRO),CONLY(17),XCDPRO),CONLY(18),XCDPRO),
WRITE(6,1001)
1001 FORMAT(1H1)
C READ C/ARON OFFICERS - ENLISTED
READ (5,1002) (IN(J),J=1,20)
1002 FORMAT (20A4)
1003 WRITE (6,1003) (IN(J),J=1,20)
1003 FORMAT (1X,20A4)
DO 10 J=1,12
READ (5,1004) CCM(J),INC(J),J=1,18)
1004 FORMAT (F10.2,17A4,A2)
IF (CM.EQ.1) GO TO 8
WRITE(6,1015) CCM(J),INC(J),J=1,18)
1015 FORMAT(1X,F10.4,17A4,A2)
GO TO 10
8 WRITE (6,1005) CCM(J),INC(J),J=1,18)
1005 FORMAT (1X,10.2,17A4,A2)
FACT(11)=CCM(2)
FACT(12)=CCM(3)
C READ OFFICERS
READ (5,1002) (IN(J),J=1,20)
WRITE (6,1003) (IN(J),J=1,20)
DO 15 J=1,20
READ (5,1004) CONLY(J),INC(J),J=1,18)
15 WRITE (6,1005) CONLY(J),INC(J),J=1,18)
DO 20 J=1,5
READ (5,1002) (IN(J),J=1,20)
20 WRITE (6,1003) (IN(J),J=1,20)
DO 22 J=1,8
READ (5,1004) (KGROSS(J),J=1,11),KTEM
1006 FORMAT (15,10I6,12X,A3)
22 WRITE (6,1007) (KGROSS(J),J=1,11),KTEM
1007 FORMAT (1X,1F,10I6,12X,A3)

```

```

0038 DO 25 I=1,4
0039 READ (5,1002) (IN(J),J=1,20)
0040 WRITE(6,1003) (IN(J),J=1,20)
0041 DO 30 I=1,2
0042 READ (5,1004) PPRC(1),BAQUPC(1),P4QWQ(1),BAQWQ(1),AIRO(1),SURFO(1)
1,KTEM
0043 1008 FORMAT (F5.2,5F6.2,4X,A7)
0044 30 WRITE(6,1009) PPRC(1),BAQUPC(1),BAQWQ(1),BAQWQ(1),AIRO(1),SURFO(1)
1,KTFM
0045 1009 FORMAT (1X,F5.2,5F6.2,4X,A7)
0046 ONLY(1)=.01*ONLY(1)
0047 ONLY(2)=.01*ONLY(2)
0048 ONLY(3)=.01*ONLY(3)
0049 ONLY(4)=.01*ONLY(4)
0050 ONLY(5)=.01*ONLY(5)
0051 ONLY(6)=.01*ONLY(6)
0052 ONLY(7)=.01*ONLY(7)
0053 ONLY(8)=.01*ONLY(8)
0054 DO 35 I=1,8
0055 35 BAQUPC(1)=.01*BAQUPC(1)
C
0056 READ FNLSTF
0057 READ (5,1002) (IN(J),J=1,20)
0058 WRITE (6,1003) (IN(J),J=1,20)
0059 DO 40 I=1,16
0060 READ (5,1004) FONLY(1), (IN(J),J=1,16)
0061 40 WRITE(6,1005) FONLY(1), (IN(J),J=1,16)
0062 DO 45 I=1,5
0063 45 WRITE(6,1007) (IN(J),J=1,20)
0064 READ (5,1002) (IN(J),J=1,20)
0065 DO 50 I=1,9
0066 READ (5,1016) (KROSE(J),J=1,10),KTFM
0067 50 WRITE(6,1017) (KROSE(J),J=1,10),KTFM
1016 FORMAT (1X,6F6.2,1X,A7)
1017 FORMAT (1X,15,5F6.2,1X,A3)
0068 DO 55 I=1,4
0069 READ (5,1002) (IN(J),J=1,20)
0070 WRITE(6,1003) (IN(J),J=1,20)
0071 DO 60 I=1,5
0072 READ (5,1018) PPRC(1),BAQUPC(1),BAQWQ(1),AIRO(1),SEAE(1),KTEM
0073 60 WRITE(6,1019) PPRC(1),BAQUPC(1),BAQWQ(1),AIRO(1),SEAE(1),KTEM
1019 FORMAT (F5.2,4F6.2,4X,A7)
0074 1019 FORMAT (1X,F5.2,4F6.2,4X,A7)
0075 DO 65 I=1,4
0076 IF (I.NE.4) FONLY(I+10)=.01*FONLY(I+10)
0077 65 FONLY(1)=.01*FONLY(1)
0078 DO 70 I=1,6
0079 70 BAQUPC(1)=.01*BAQUPC(1)
C
0080 CALCULATE OFFICER FACTORS
0081 SUM1=0.
0082 SUM5=0.
0083 SUM6=0.
0084 SUM7=0.
0085 SUM8=0.
0086 SUM9=0.
0087 AVG1=0.
0088 AVG2=0.
0089 AVG3=XP(CW)

```

```

0090  AVGA(=0.
0091  AVG50=0.
0092  AVG60=0.
0093  AVG70= KXCMPC
0094  AVG120= ENCOLC -> CLOYDO -> ATRACO
0095  DO 76 I=1,8
0096  SUM10 = SUM1C + KGR0SO(1,I)
0097  SUM50 = SUM5C + KGR0SO(5,I)
0098  SUM60 = SUM6C + KGR0SO(6,I)
0099  SUM80 = SUM8C + KGR0SO(8,I)
0100  SUM100 = SUM10C + KGR0SO(10,I)
0101  AVG10 = AVG10 + ACCLAYC*(KGR0SO(1,I)+ACDPAO*(BPP0(I)+BPRO(I))*FICA +
1 BASO + BAQW0(I)+BAQW0(I)+1--BAQW0(I))--BAQW0(I))
2 KGR0SO(2,I)+AIRC(I)+KGR0SO(3,I)+SURFO(I))
AVG30 = AVG3C + XCLAYC*(KGR0SO(1,I)+XCDPAO*(BPP0(I)
1 +KGR0SO(4,I)+AIRC(I))
AVG40 = AVG40 + KGR0SO(5,I)+X12P00+X12DAY*(BPP0(I)
AVG50 = AVG5C + X3EDAY*(KGR0SO(6,I) +BPRO(I)+KGR0SO(7,I)
1 +AIRO(I))
AVG60 = AVG6C +X72DAY*(KGR0SO(8,I) + (BPRO(I) + KGR0SO(9,I)
1 +AIRC(I))
AVG20 = AVG20 + ACUAYC*(KGR0SO(10,I)+KGR0SO(1,I)+BPP0(I)+BPP0(I)+FICA +
1 BASO + BAQW0(I)+BAQW0(I)+KGR0SO(1,I)+1--BAQW0(I))--BAQW0(I))
AVG70 = AVG70 + KGR0SO(10,I)+XCDPAC*(BPP0(I)+XCDAYB
75 AVG120 = AVG12C + KGR0SO(1,I)+XCDPAC*(BPP0(I)+BPP0(I)+BPP0(I)+FICA +
1 PASO + BAQW0(I)+BAQW0(I)+1--BAQW0(I))--BAQW0(I))
AVG1C = AVG1C / SUM10
AVG3C = AVG3C / SUM10
AVG6C = AVG6C / SUM10
AVG8C = AVG8C / SUM10
AVG10C = AVG10C / SUM10
AVG5C = AVG5C / SUM10
AVG6C = AVG6C / SUM10
AVG7C = AVG7C / SUM10
AVG9C = AVG9C / SUM10
AVG110 = ATRAPC / SUM10C
AVG120 = AVG12C / (SUM10 + SUM100)
FACT(1) = AVG2C + AVG70 + AVG9C + AVG110 + AVG120
FACT(2) = AVG1C + AVG30 + AVG80 + AVG100 + AVG120
FACT(3) = FACT(2)+FV60
FACT(4) = FACT(2)+AVG5C
FACT(5) = FACT(2)+AVG6C
CALCULATE ENLISTED FACTORS
SUM1 = 0.
SUM5 = 0.
SUM6 = 0.
SUM8 = 0.
SUM10 = 0.
AVG1 = 0.
AVG3 = 0.
AVG4 = 0.
AVG5 = 0.
AVG6 = 0.
AVG2 = 0.
AVG7 = 0.

```


PAGE 0005

16/08/36

DATE = 75296

PDCOST

FORTRAN IV G LEVEL 21

```
2 * ACOUTRA*.18X*.5F10.2/  
3 * INACOUTRA*.15X*.5F10.2/  
4 * CLOTHING ALLOWANCE*.7X*.5F10.2/  
5 * ENLISTED SUBSISTENCE*.5X*.5F10.2/  
6 * ACOUTRA TRAVEL*.11X*.5F10.2//  
7 * TCYAL DIRECT PAY FACTOR*.2X*.5F10.2/  
8 * TCYAL INDIRECT PAY FACTOR*.5F10.2/////
```

```
9 * ACTIVE OFFICER*.11X*.F10.2/  
10 * ACTIVE ENLISTED*.10X*.F10.2)
```

RETURN
END

0175
0176

FORTRAN IV G LEVEL 21

RDDATA

DATE = 75296

16/08/36

PAGE 0002

C REMOVE BELOW STATEMENT IF INDIVIDUAL BREAKDOWN OF 11-39 IS DESIRED
IF(L.GT.10) IDATA(1,J)=110+M

0030

0031

30 CONTINUE

C DATA ERROR

35 WRITE(6,1004) N

1004 FORMAT(' DATA ERROR IN DATA PLCK',I5)

STOP

40 NDATA=J

IDATA(1,NDATA)=999

RETURN

END

0022

0023

0024

0025

0026

0027

0028


```

0055 20 LINE(I)=LINE(I) + IDATA(K,N) + IDATA(3,N)
0056  ISTOT(I) = ISTOT(I) + IDATA(K,N) + IDATA(3,N)
0057  ITOT(I) = ITOT(I) + IDATA(K,N) + IDATA(3,N)
0058  IGOT(I) = IGOT(I) + IDATA(K,N) + IDATA(3,N)
0059  IGGTOT(I)=IGGTOT(I) + IDATA(K,N) + IDATA(3,N)
0060  LINE(J) = LINE(J) + IDATA(K,N) + IDATA(3,N)
0061  ISTOT(J) = ISTOT(J) + IDATA(K,N) + IDATA(3,N)
0062  ITOT(J) = ITOT(J) + IDATA(K,N) + IDATA(3,N)
0063  IGOT(J) = IGOT(J) + IDATA(K,N) + IDATA(3,N)
0064  IGGTOT(J)=IGGTOT(J) + IDATA(K,N) + IDATA(3,N)
0065  KTEMP=(IDATA(K,N)+IDATA(3,N)+FACT(L))/1000.+5
0066  KLINE(I)=KLINE(I)+KTEMP
0067  KSTOT(I)=KSTOT(I)+KTEMP
0068  KTOT(I)=KTOT(I)+KTEMP
0069  KGTOT(I)=KGTOT(I)+KTEMP
0070  KGGTOT(I)=KGGTOT(I)+KTEMP
0071  KINE(J)=KINE(J)+KTEMP
0072  KSTOT(J)=KSTOT(J)+KTEMP
0073  KTOT(J)=KTOT(J)+KTEMP
0074  KGTOT(J)=KGTOT(J)+KTEMP
0075  KGGTOT(J)=KGGTOT(J)+KTEMP
0076  IF(A.EQ.11) RETURN
0077  K=11
0078  I=12
0079  J=16
0080  L=7
0081  GO TO 15
0082  CND

```

```
0001 SUBROUTINE SORTER(DATA)
0002 COMMON IPPPC(15,7),IDPFC2(11,3),IDATA(21,50),
      1 LINE(16),IGTOT(16),ISTOT(16),ITOT(16),IGTOT(16),
      2 KINF(16),KCTCT(16),KSTCT(16),KTOT(16),KGTOT(16),KCT(16)
      C
      SORT BY PROGRAM,LINE,PROGFE,CSGI,NAME
      DO 15 I=1,NDATA
0003   DO 10 J=1,21
0004     KI=9999
0005     KJ=I*ACATA
0006     IF(K1-IDATA(1,J)) 10,4,9
0007     4 IF(K4-IDATA(20,J)) 10,7,9
0008     7 IF(K5-IDATA(21,J)) 10,8,9
0009     8 IF(K6-IDATA(2,J)) 10,81,9
0010     81 IF(K7-IDATA(4,J)) 10,82,9
0011     82 IF(K8-IDATA(5,J)) 10,83,9
0012     83 IF(K9-IDATA(6,J)) 10,84,9
0013     84 IF(K10-IDATA(7,J)) 10,10,9
0014     9 K1-IDATA(1,J)
0015     K4-IDATA(20,J)
0016     K5-IDATA(21,J)
0017     K6-IDATA(2,J)
0018     K7-IDATA(4,J)
0019     K8-IDATA(5,J)
0020     K9-IDATA(6,J)
0021     K10-IDATA(7,J)
0022     4=J
0023   10 CONTINUE
0024   DO 13 J=1,21
0025     K4-IDATA(J,1)
0026     IDATA(J,1)=IDATA(J,M)
0027     13 IDATA(J,4)=K4
0028   15 CONTINUE
0029   RETURN
0030   END
```

APPENDIX H

THE NAVAL RESERVE

BACKGROUND

During the fiscal year 1974, the Navy began the implementation of a complete, systematic restructuring of the Naval Reserve. Prior to that time, units and individuals of the Naval Ready Reserve had been organized into two general categories depending upon priority of recall. The category of primary focus -- the Selected Reserve -- contained resources associated with high-priority recall, while the other category -- the Phased Forces -- contained resources for follow-on requirements.

Under the restructuring (which is still underway), Naval Ready Reserve personnel assets are being unitized into mission-capable, task-performing entities organized to train and mobilize as units to reinforce active Navy forces and other non-Navy agencies of the U. S. Government. These newly created units are designed to satisfy planned manning shortfalls in existing active force counterparts or to furnish the entire crew/complement for activities that are planned for activation upon mobilization.

NAVAL RESERVE PROGRAMS

The new structure of the Naval Reserve contains 11 programs (not to be confused with the 10 DNFYP programs) arranged according to the type of active forces they would reinforce. These are:

- Program 1 -- Submarine Forces Program
- Program 2 -- Mine Forces Program
- Program 3 -- Service Forces Program
- Program 4 -- Surface Combatants Program
- Program 5 -- Air Forces Program

- Program 6 -- Cargo Handling Program
- Program 7 -- Construction Forces Program
- Program 8 -- Amphibious Forces Program
- Program 9 -- Marine Corps Forces Program
- Program 10 -- Naval Inshore Warfare Forces Program
- Program 11 -- Special and General Support Program.

The FY76 distribution of the 91,124 drill paid* Naval Reservists in each of these programs is as shown in Table H.1. Programs 1 through 10 are mission/platform programs, while Program 11 contains 26 sub-programs each having a separate Reserve program sponsor. The distribution of Program 11 resources is shown in Table H.2. The Reserve portion of the NARM should have the capability of estimating the annual costs of each unit type in the 11 Naval Reserve programs and to provide summaries by program and sub-program (in the case of Program 11).

BASIC UNIT TYPES

The following are the basic unit types to be found in the new structure:

- Complete Capability Response Units (CRUs): Self-contained units providing all of the personnel assets (active duty and Selected Reserve) and equipment to provide a complete capability upon recall.
- Ship or Squadron Reinforcement Units (SRUs): Units containing a mix of specific skills required to bring an active Navy operating platform to organizational manning. Each SRU is tailored to a specific ship class or aircraft squadron type and is planned to receive its peacetime training using equipment and facilities similar to the active Navy platform which each is designed to reinforce upon mobilization.
- Other (than Platform) Reinforcement Units (ORUs): ORUs are similar in mission and composition to SRUs except that they are designed to meet the reinforcement requirements of activities other than ship or aircraft squadrons (e.g., shipyards, bases and stations, staffs, public information offices, attache systems, public works centers, and some non-Navy agencies of the government).
- Individual Reinforcement Units (IRUs): Units made up of individuals with rare, unusual and/or specific skills which will be used to reinforce one or more activities. In the FY76 Naval Reserve structure, there are five IRUs in the Selective Service sub-program and one IRU in the Intelligence sub-program, with a

* Does not include 876 Pay Group F individuals.

TABLE H.1
DISTRIBUTION OF NAVAL RESERVISTS IN THE 11 NAVAL RESERVE
PROGRAMS FOR FY-1976 (IN ORDER OF RESOURCES)

<u>Program</u>	<u>Total Reservists</u>	<u>Percent of Total</u>
Special and General Support	33,281	36.5
Air	24,789	27.2
Construction	9,031	9.9
Surface Combatants	6,073	6.7
Amphibious	5,985	6.6
Service	3,201	3.5
Submarine	2,877	3.2
Naval Inshore Warfare	2,400	2.6
Mine	1,842	2.0
Marine	1,133	1.2
Cargo Handling	512	0.6
TOTAL	91,124	100.0

Source: OP-09R

TABLE H.2
DISTRIBUTION OF RESOURCES IN SUB-PROGRAMS OF PROGRAM 11--
SPECIAL AND GENERAL SUPPORT PROGRAM FOR FY-1976
(IN ORDER OF RESOURCES)

<u>Sub-program</u>	<u>Total Reservists</u>
Ship Systems	4,577
Bases/Stations	3,864
Medical	3,632
Intelligence	3,468
Security Group	3,418
Training	2,485
Naval Control of Shipping	1,636
Telecommunications	1,526
Personnel Systems	1,517
Military Sealift	1,317
Major Fleet/Force Command	1,170
Support Systems Command	1,110
Ordnance Systems	1,081
Facilities Engineering Command	540
Air Systems Command	300
Major Unified/Joint/Shore Command	270
Public Affairs	252
Electronics Systems Command	238
Support of Allies	234
Law	217
Navy Weather	198
Research	146
Selective Service	60
Material Command	13
Oceanography	11
Office of Secretary of Defense	1
 TOTAL	 33,281

Source: OP-09R

combined total of 370 individuals. Each individual in these IRUs is planned to have a specific mobilization billet and is assigned to an IRU for administrative purposes only. The training of the individual may be on an individual basis or by training with another Reserve unit.

The FY76 distribution of Naval Reservists according to the basic type of unit to which assigned is shown in Table H.3. This distribution of Naval Reservists by basic unit type and Naval Reserve program is shown in Table H.4. The Reserve portion of the NARM should have the capability of developing estimates of annual costs for each unique unit type (e.g., NRF DD CRU, AS-11 SRU, CV Security Group ORU, Selective Service IRU, etc.) as well as developing summaries by basic unit type.

FUNCTIONAL GROUPINGS

In addition to the 11 Naval Reserve and four basic unit types, the reservists are also subdivided into seven functional groupings which characterize essential roles in total mission performance. The distribution of Naval Reservists according to functional group is shown in Table H.5, while the distribution according to functional group and Naval Reserve program is shown in Table H.6. The Reserve portion of the NARM will be capable of displaying cost summaries by functional group.

NAVAL RESERVE FORCES

In conducting resource analysis of the Naval Reserve, focus is often centered on those units which constitute the hardware-equipped Naval Reserve Force (NRF). Further, attention is usually narrowed to NRF destroyers, patrol combatants, LKAs, LPAs, and minesweepers, as well as the Naval Air Reserve squadrons. However, these latter elements of the Naval Reserve account for less than 50 percent of the CRUs and less than 20 percent of the entire drill paid Reserve. Because all CRUs are to receive equally high priority with regard to manpower and material resources, a brief discussion of the CRUs other than those cited above is included here.

Mine Forces Program

Mine Division Staffs. These seven CRUs with a total of about 50 Selected Reservists are to assist in the effective peacetime operation, administration, and training of the 22 NRF minesweeper crews. Upon mobilization, they will fill fleet and type commander billets.

Surface Combatant Forces Program

Destroyer Squadron Staffs. The 60 Naval Reservists and 59 active duty personnel in these five units assist in the effective peacetime operation, administration, and training of the 31 NRF destroyer crews.*

* The FY76 program includes 31 NRF destroyer crews although there will only be 30 NRF destroyers in the force.

TABLE H.3
DISTRIBUTION OF NAVAL RESERVISTS BY
BASIC UNIT TYPE FOR FY-1976

<u>Basic Unit Type</u>	<u>Total Reservists</u>	<u>Percent of Total</u>
CRU	29,472	32.3
SRU	16,191	17.8
ORU	45,091	49.5
IRU	370	0.4
TOTAL	<u>91,124</u>	<u>100.0</u>

Source: OP-09R

TABLE H.4
DISTRIBUTION OF NAVAL RESERVISTS BY UNIT
TYPE AND NAVAL RESERVE PROGRAM
FOR FY-1976

PROGRAM	Basic Unit Type											
	CRU			SRU			ORU			IRU		
	OFF	ENL		OFF	ENL		OFF	ENL		OFF	ENL	TOTAL
SUBMARINE FORCES PROGRAM	0	0		118	1566		262	931		0	0	2877
MINE FORCES PROGRAM	87	996		8	175		42	534		0	0	1642
SERVICE FORCES PROGRAM	0	0		136	2387		169	509		0	0	3201
SURFACE COMBATANT FORCES PROGRAM	234	3447		109	1894		125	284		0	0	6073
AIR FORCES PROGRAM	1836	6837		1088	6106		1227	7695		0	0	24789
CARGO HANDLING FORCES	48	464		0	0		0	0		0	0	512
CONSTRUCTION FORCES PROGRAM	249	6182		0	0		142	2458		0	0	9031
AMPHIBIOUS FORCES PROGRAM	85	918		159	2445		258	2120		0	0	5985
MARINE CORPS FORCES PROGRAM	193	940		0	0		0	0		0	0	1133
NAVAL INSHORE WARFARE FORCES PROGRAM	365	1987		0	0		12	36		0	0	2400
SPECIAL AND GENERAL SUPPORT FORCES PROGRAM	1454	3150		0	0		7586	20721		272	98	33281
TOTALS	4551	24921		1618	14573		9803	35288		272	98	74880
												91124

Source: OP-09R

TABLE H.5
DISTRIBUTION OF NAVAL RESERVISTS
ACCORDING TO FUNCTIONAL GROUP

<u>Functional Group</u>	<u>Total Reservists</u>	<u>Percent of Total</u>
National, DOD and Joint Missions	1,962	2.2
Combat Operations	25,598	28.1
Mobile Support	18,628	20.4
Base Support	22,517	24.7
Operational Staffs, Command and Control	14,503	15.9
Mission and Readiness Training	3,010	3.3
Technical Management, Administration and Training	4,906	5.4
TOTALS	91,124	100.0

TABLE H.6
FUNCTIONAL GROUPS IN THE NAVAL RESERVE PROGRAM

PROGRAM	Functional Group*																		Total	
	0		1		2		3		4		5		6							
	CFF	ENL	CFF	ENL	CFF	ENL	CFF	ENL	CFF	ENL	CFF	ENL	CFF	ENL	CFF	ENL	TOTAL	TOTAL		
SUBMARINE FORCES PROGRAM	0	0	0	0	118	1566	55	576	207	355	0	0	0	0	380	2497	2877	2877		
MINE FORCES PROGRAM	0	0	74	1143	29	464	0	0	34	98	0	0	0	0	137	1705	1842	1842		
SERVICE FORCES PROGRAM	0	0	0	0	148	2531	0	0	157	365	0	0	0	0	305	2896	3201	3201		
SURFACE COMBATANT FORCES PRCG	0	0	286	4246	42	1050	0	0	120	329	0	0	0	0	448	5625	6073	6073		
AIR FORCES PROGRAM	0	0	2257	10396	675	2613	362	5570	765	1653	92	406	0	0	4151	20638	24789	24789		
CARGO HANDLING FORCES	0	0	0	0	48	464	0	0	0	0	0	0	0	0	48	464	512	512		
CONSTRUCTION FORCES PROGRAM	0	0	0	0	208	7312	104	660	61	218	18	450	0	0	391	8640	9031	9031		
AMPHIBIOUS FORCES PROGRAM	0	0	241	3310	55	703	60	900	146	570	0	0	0	0	502	5463	5985	5985		
MARINE CORPS FORCES PROGRAM	0	0	193	940	0	0	0	0	0	0	0	0	0	0	193	940	1133	1133		
NAVAL INSHORE WARFARE FORCES	0	0	365	1987	0	0	0	0	12	36	0	0	0	0	377	2023	2400	2400		
SPECIAL AND GENERAL SUPPORT F	1144	818	12	148	104	496	2731	11499	2687	6690	470	1574	2164	2742	9312	23969	33281	33281		
	1144	818	3428	22170	1427	17201	3312	19205	4189	10314	580	2430	2164	2742	16244	74880	91124	91124		

* Functional Group Legend:

- 0 = National, DOD and Joint Missions Group
- 1 = Combat Operations Group
- 2 = Mobile Support Group
- 3 = Base Support Group
- 4 = Operational Staffs, Command and Control Group
- 5 = Mission and Readiness Training Group
- 6 = Technical Management, Administration and Training Group

Air Forces Program

Tactical Air Control Squadron (TACRON). This unit of 86 Selected Reservists will, upon mobilization, report to the amphibious forces type commander and provide control, coordination, and intelligence for air operations in support of amphibious operations. Units of this type are normally deployed aboard LCC, LPH, LPD, LSD, or LHA ships, but additionally provide detachments as Forward Air Control Teams. Functions include positive air control of air defense, antisubmarine, close air support, search and rescue, and helicopter assault aircraft engaged in amphibious operations.

Reserve Carrier Air Wing Staff (CVWR). These two CRUs -- each consisting of two Pay Group B (24 paid drills) Selected Reserve officers and 10 Selected Reserve Pay Group A (48 paid drills) enlisted, plus seven active officers and five active enlisted -- assist in the effective operation, administration, and training of the forces comprising the two Reserve air wings.

Cargo Handling Forces

Cargo Handling Battalions. The Navy has identified a mobilization requirement for Reserve Cargo Handling Battalions (RCHB) that are capable of unloading merchant shipping in an underdeveloped port or over-the-beach from a ship at anchor. At present, there are four of these battalions in the Naval Reserve in various degrees of formation. Each RCHB consists of a Headquarters Group (6 officers and 26 enlisted) and six hatch team detachments, each with one officer and 15 enlisted, for a total of 12 officers and 166 enlisted per RCHB. A large portion of the Materials Handling Equipment and Civil Engineering Support Equipment required by the four RCHBs is reported to be on-hand in Pre-positioned War Reserve Stock (PWRS).

Reserve Mobile Construction Forces

Reserve Mobile Construction Battalions. In FY 73 the Reserve had in being 18 Mobile Construction Battalions (MCBs) as part of the Selected Reserve Combat Unit Component Force. However, in FY74, the number of Reserve Seabee Battalions was reduced to 17, largely because of the inability to recruit the necessary personnel in one geographic area. All of these battalions have experienced shortages in critical skill areas, and there has been a general shortage of equipment in most of them. In order to improve program efficiency, the seabee structure is being brought more closely in line with the Marine Corps and amphibious lift structures. The impact of this upon the Naval Reserve Force is that Reserve Seabee Battalions are being further reduced by end FY76 -- from 17 to 8. However, the remaining reserve battalions, consisting of almost 6,100 Selected Reservists, will be adequately equipped to meet training needs and mobilization requirements.

Naval Construction Regiment (NCR) Staff. This CRU of 208 Selected Reservists provides nine NCR staffs which, upon mobilization, provide operational control to assigned units of the Naval Construction Force. These staffs provide liaison between Naval Construction Brigades and Naval Construction Force units. They also develop construction execution plans, assign construction projects to subordinate units, monitor progress, and assure adherence to quality construction standards.

Naval Construction Brigade Staff. This is another headquarters type unit of the Naval Construction Force. The mobilization assignment of its 27 people is much like that of the Naval Construction Regiment Staff.

Amphibious Forces

Patrol Gunboat Maintenance Unit (PGMU). The mission of this 30-person CRU is to provide maintenance support to the eight PG-equipped CRUs in the Naval Reserve.

Marine Corps Forces

Marine Corps Medical Support Units. The Marine Corps Support CRUs are instructed to support the physician, medical service corps, corpsmen, and other Navy requirements of the 4th Marine Amphibious Force (MAF) which consists of the 4th Marine Division and 4th Marine Wing -- the Marine Corps' only Reserve Organization. There are 31 of these CRUs which amount to 1,133 Naval Selected Reservists.

Naval Inshore Warfare Forces

Naval Reserve Mobile Inshore Underseas Warfare Forces (IUWs). These forces are structured to provide for defense of harbors or anchorages and the water approaches thereto against submarine or small surface craft attack, minelaying operations, and sabotage. The 21 IUW CRUs currently in the restructured Naval Reserve with their 1,512 Selected Reservists represent the total U.S. Navy capability in this field.

Coastal Riverine/Underwater Demolition Units. The Naval Reserve Coastal Riverine Squadrons and Divisions and the Underwater Demolition Teams (UDT) make up part of the Navy's Special Warfare force. As such, they are usually colocated and operate in conjunction with similar active force units.

The two Reserve UDT CRUs consist of 116 combat swimmers trained for the primary mission of reconnaissance of amphibious landing beaches.

The five Coastal River Squadrons/Divisions are structured to provide an integral small boat support capability for naval special warfare operations. These CRUs contain both active and reserve boats and craft, and the associated 724 Selected Reserve and 518 active duty personnel who man them. They provide boat support for Sea-Air-Land Teams (SEAL), UDT, and other special warfare missions assigned. In addition, they have a mission of coastal patrol and surveillance, and harassment and interdiction of maritime lines of communications. They also have a limited shore bombardment and gunfire support capability.

Special and General Support Forces

Military Sealift Sub-Program. The Military Sealift Command (MSC) is committed to support and provide the sealift capability for JCS/NATO/SEATO and USFLTCINCS during contingencies, emergencies, or mobilization. This mission is accomplished by MSC operating government-owned and government-chartered ships. In addition, during times of declared emergencies and mobilization, they may requisition or contract for additional U. S. Flag shipping. MSC also exercises control over activated ships of the National Defense Reserve Fleet (NDRF). MSC has recently acquired the mission of operating certain Service Force ships in direct support of the combatant fleet units.

Transportation Units. These four CRUs of 224 Selected Reservists will, upon mobilization, be placed aboard civil service manned troop transport and cargo ships to provide military personnel processing, logistic support, dependent services (as required), medical support, and communications associated with the movement of personnel and cargo.

Military Departments. These two CRUs of 112 Selected Reservists will, upon mobilization, be placed aboard civil service manned fleet tugs, oilers, salvage, and other support ships to provide essential military communications capabilities.

Military Sealift Command Offices. These 16 CRUs with their 474 Reservists will be employed at U. S. or allied naval-controlled advanced base ports to represent the Military Sealift Command, arrange for sea transportation of personnel and cargo, coordinate shipper services, exercise control of MSC-controlled vessels, maintain liaison with other services and shipping agencies, arrange for emergency repairs, assist in making ships ready for sea by scheduled departure dates, and expedite turnaround.

Naval Control of Shipping (NCSORG) Sub-Program. The mission of the NCSORG is to provide for the safe movement of merchant shipping during a contingency situation, time of war, or national emergency. This organization has control over forming, routing and diverting convoys, and reporting movements. It also includes the movement and diverting of merchant ships steaming independently. It does not include the movement of military convoys. NCSORG is supported by 50 CRUs with a total of 1,103 individuals. These CRUs will establish naval control of shipping offices throughout the world.

Convoy Commodore and Rear/Vice Commodore Staffs. These 26 CRUs which are also part of NCSORG (in addition to the previously cited 50 CRUs) will provide command and control of convoys upon mobilization. Rear/vice commodores provide a backup capability to the commodore or can be utilized to command a group of ships should the convoy be split. Including NATO needs, the Navy has validated hard requirements for 123 such staffs. To provide a capability for a small part of this requirement, the Navy annually selects 13 retired captains or rear admirals, who agree to such, to fill these convoy commodore billets upon mobilization and provides requisite training. The Reserve units and their 533 Reservists become staffs supporting these commodores.

Ship Systems Sub-Program.

Ferro-Cement Boat Center. Currently, there is one ferro-cement boat CRU composed of 51 Selected Reservists. Its mission is to develop and maintain within the Navy a broad base of enlisted and officer expertise in the training for and construction of ferro-cement boats for both civil action and military purposes. The equipment requirements for this unit include cement mixers and small portable cranes for handling engines. This unit is reported to be planned for deactivation in the near future.

Advance Air Cargo Terminal Unit. This CRU provides 11 people and equipment necessary to assist in the processing of air cargo at an advance base.

Advance Supply Base Units. These six CRUs provide 182 individuals and equipment to perform the tasks of a supply facility including purchase, stock control, storage, issue, and administration at an advance base. These units are configured to operate in forward environments and can interface with the central supply system through the use of mini-computers. Units can be used singly or in multiples as required to accomplish the mission of an advance base.

Medical Sub-Program.

Preventive Medicine Units. Preventive Medicine Units will, upon mobilization, provide specialized consultation, advice, and recommendations in matters of preventive medicine and environmental health to commands afloat and ashore in assigned areas. Their primary effort will be directed to the more complex health problems beyond the technical capacity of individual commands. They provide epidemiological, laboratory, and technical assistance in the detection and elimination of direct or potential health hazards to naval personnel. These eight CRUs with their 192 people also provide training and indoctrination of personnel in the methods and techniques of preventive medicine.

Training Sub-Program.

Reserve Underway Training Units. These four CRUs will, upon mobilization, provide ship-rider instructor teams for conducting refresher underway training onboard surface combatant ships and provide observers for competitive exercises. In peacetime, these 108 individuals receive periodic hands-on training while providing services to NRF ships.

Fleet Training Groups. These 42 CRUs, upon mobilization, provide to type commanders training support through the design, planning, and evaluation of fleet training exercises. These 1,050 individuals assist the type commander in establishing performance measures and in developing acceptable levels of readiness.

Personnel Systems Sub-Program.

Personnel Mobilization Detachments. These 30 CRUs and their 560 individuals will, upon mobilization, provide additional capability to process people reporting for active duty. Processing includes opening pay records, cutting orders, administering physical examinations, coordinating transportation, and providing other services required to place people on active duty.

Public Affairs Sub-Program.

Fleet Information Offices (FIOs). FIOs will provide a media-production capability in fleet areas to serve the Chief of Information Branch Offices (NAVINFOs) located in areas of concentrated naval activity. The primary task of the four Fleet Information Office CRUs and their 36 Pay Group B people will be to collect, prepare, and distribute information materials to the branch offices. Such materials include news releases, features, and photo-features. The Fleet Information Office CRUs will also carry out other Office of Information tasks such as internal information and other external public affairs activities as directed by the Chief of Information.

APPENDIX I

THE NAVAL RESERVE PROGRAM IN THE DEPARTMENT OF
DEFENSE PLANNING, PROGRAMMING AND
BUDGETING SYSTEM

In this section, the restructured Naval Reserve is discussed within the context of the Department of Defense Planning, Programming and Budgeting System.

The Department of Defense Five-Year Defense Program (FYDP) and the Navy's portion of that program, displayed in the Department of the Navy Five-Year Program (DNFYP), list program elements (PEs) in ten (10) Major Programs. The Naval Reserve is included in Major Program 5 - "Guard and Reserve Forces".

The basic units in the Naval Reserve (the CRUs, SRUs, ORUs and IRUs discussed in Appendix H) are distributed among appropriate program elements in Major Program 5. Program elements are also categorized according to Defense Planning and Programming Categories (DPPCs).

PROGRAM 5 PROGRAM ELEMENTS MODELED AS "USERS" OR "SUPPORT"

In general, DPPCs place the manpower, equipment and dollar resources of a program element into a "User" or "Support" category. In the active force programs, program elements in support categories provide mission-related or general support to the forces or "Users" who carry out the primary DOD missions.

In Program 5, however, the DPPC relationships between "User" and "Support" program elements differ from those among the active forces. The following example illustrates the difference.

Example: Among the active forces, Program Element (PE) 21112N, "LANTCOM", is listed under DPPC "Mission Support Forces". Mission support forces provide support for strategic and general purpose forces. However,

in the Program 5 counterpart, PE 52301N, "LANTCOM", contains ORUs which, in peacetime, do not provide support for active or Reserve strategic or general purpose forces. ORUs in PE 52301N train so as to augment "LANTCOM" in the event of mobilization. Once mobilized, they would function as support for active forces; but in their present status, ORUs in PE 52301N are not supporting other forces. PE 52301N is therefore modeled as a "User".

Applying this rationale to all of the program elements in Program 5, the program elements which are appropriately modeled as "Users" were identified.

Program Elements Modeled as "Users"

Table I.1 lists 104 Program 5 program elements modeled as "Users". Program element descriptions, listing the types of units assigned to each program element, are included.

PEs 52422N, 52424N and 52425N are considered to be "Users" although some of the resources in these PEs can be considered as "Support". These PEs contain both CRUs and ORUs. While the ORUs are "Users", the CRUs contain staffs for the command of Naval Reserve Air Wings, Air Groups, Surface Squadrons and Divisions. If mobilized, CRU personnel in these PEs would command mobilized Naval Reserve forces. The ORUs, on the other hand, would augment existing active forces. In this event, the CRUs would function as "Support" forces for mobilized reserve forces. The CRU peacetime role requires that CRU personnel train to perform this mobilized support role, and their training consists, in part, in actually providing peacetime support for Naval Reserve air and surface forces.

The resources supporting these three PEs are RPN and MPN. Allocating these resources between the "User" and "Support" role would be arbitrary at best. Therefore, the choice was made to include PEs 52422N, 52424N and 52425N in the general listing of program elements modeled as "Users".

Program Elements Modeled as "Support"

Six (6) Program 5 program elements are modeled as "Support" and are listed and described in Table I.2.

TABLE I.1
PROGRAM ELEMENTS MODELED AS "USERS"

<u>Program Elements</u>		<u>Program Element Description</u>	
<u>Strategic Forces</u>			
51611N	Support Ships (FBM)	SRU:	AS(FBM)
51631N	Command (Offensive)	ORU:	Subgroup Staff (FBM) Subron Staff (FBM)
<u>General Purpose Forces</u>			
52301N	LANTCOM	ORU:	Unified CINC Unified Command
52302N	PACOM	ORU:	Unified CINC Unified Command
52303N	Other	ORU:	Unified CINC
<u>Sea Control/Projection Forces</u>			
52305N	Attack Carriers	SRU:	CVA
52306N	Multipurpose Aircraft Carriers	SRU:	CV
52311N	A-4 Squadrons	CRU: SRU:	VA Squadrons (A-4) VA Squadrons
52313N	A-7 Squadrons	CRU: SRU:	VA Squadrons (A-7) VA Squadrons
52316N	F-8 Squadrons	CRU: SRU:	VF Squadrons (F-8) VF Squadrons
52317N	F-4 Squadrons	CRU: SRU:	VF Squadrons (F-4) VF Squadrons

TABLE I.1 (Cont)

<u>Program Elements</u>		<u>Program Element Description</u>	
<u>Sea Control/Projection Forces (Cont)</u>			
52324N	Early Warning Aircraft Squads	ORU: SRU:	VAW Squadrons VAW Squadrons VAW (OMA)
52325N	Reconnaissance Squadrons	CRU: SRU:	VFP Squadrons VFP Squadrons
52326N	Sea-Based Electronic Warfare Squadrons	CRU: SRU:	VAQ Squadrons VAQ Squadrons
<u>Sea Control Forces</u>			
Carrier Antisubmarine Air Groups			
52331N	S-2 Squadrons	(None)	
52332N	SH-3 Squadrons	CRU: SRU:	HS Squadrons HS Squadrons
52333N	S-3 Squadrons	(S-3 Squadrons)	
Patrol Squadrons			
52341N	ASW Patrol Squadrons	CRU: SRU:	VP Squadrons VP Squadrons VP (OMA)
Attack Submarine Forces			
52345N	Support Forces	SRU:	AS (Attack)
Surface Combatants			
52348N	Cruisers	SRU:	CLG
52349N	Destroyers/Frigates - Missiles	SRU:	DDG
52350N	Destroyers - Non-Missile	CRU: SRU:	DD (NRF) DD (NRF DDs)

TABLE I.1 (Cont)

<u>Program Elements</u>		<u>Program Element Description</u>	
<u>Sea Control Forces (Cont)</u>			
Surface Combatants (Cont)			
52352N	Escorts - Non-Missile	SRU:	FF
52353N	Escorts - Patrol	CRU: (NRF PGs)	PG
52354N	Support Forces	SRU:	ADs AFDM
Mine Warfare Forces			
52359N	Mine Countermeasure Forces	CRU:	MSC (NRF) MSO (NRF)
		SRU:	MSO MSC (ISNAC) MINERONS MINEFORSUPGRU MOBMIN C/M CMD (MSC, MSO NRF Ships)
52360N	Air Mine Countermeasure Squadrons	ORU:	MINFORSUPGRU (Airborne)
52361N	Mine and Mine Support	ORU:	MOMAG
Surveillance Forces			
52363N	Undersea Surveillance Systems	ORU:	Naval Facilities

TABLE I.1 (Cont)

<u>Program Elements</u>		<u>Program Element Description</u>	
<u>Sea Projection Forces</u>			
Amphibious Warfare Forces			
52366N	Amphibious Assault Ships	CRU:	LKA
		SRU:	LPA
			LCC
			LKA
			LPA
			LPD
			LPH
			LSD
			LST
52368N	Amphibious Tactical Support Ships	CRU:	TACRONS
		SRU:	PGMU
			TACRONS
		ORU:	AFDL
			Assault Craft Units
			Amphibious Construction Battalion
			Beachmaster Unit
			Naval Beach Group Staff
Inshore Warfare Forces			
52371N	Coastal/River Forces	CRU:	COMCOSRIVRONS
			COMCOSRIVDIV
			HA(L) Squadrons
52372N	Inshore Undersea Warfare Forces	CRU:	NRMIUW
52373N	Special Warfare Forces	CRU:	UDT

TABLE I.1 (Cont)

Program Elements

Support Forces - Mobile

Sea Sustaining Forces

52375N	Underway Replenishment Ships	CRU:	Military Departments (military departments on civilian-manned underway replenishment ships)
		SRU:	AE AF AFS AOE AGR AO

Support Forces

52377N	Major Fleet Support Ships	SRU:	AR
52378N	Minor Fleet Support Ships	CRU:	Military Departments (military departments on civilian-manned underway replenishment ships)
		SRU:	AOG ARS ATF ATS AN

52379N	Fleet Support Squadrons Aircraft	CRU:	VR Squadrons VC Squadrons HC Squadrons VR Squadrons VC (OMA)
		SRU:	

TABLE I.1 (Cont)

Program ElementsProgram Element DescriptionSupport Forces - Mobile (Cont)Support Forces (Cont)

52380N	Special Combat Support - Cargo Handling	CRU:	Cargo Handling Battalion
52381N	Special Combat Support - Mobile Ordnance Technical	ORU:	MOTU (Mobile Ordnance Technical)
52382N	Special Combat Support - Combat Camera	ORU:	Combat Camera Group
52383N	Special Combat Support - Harbor Clearance	ORU:	Harbor Clearance Units
52384N	Naval Construction Forces	CRU:	Mobile Construction Battalion NAVCONSTRBRIG Staff NAVCONSTREG Staff 21st NCR NAVCONSTREE Staff Construction Forces Equipment
Deep Submergence Systems			
52386N	Deep Submergence Systems	SRU:	ASR

Support Forces - Shore BasedBase Operations

52401N	Sea Control Projection Air Base Operations	ORU:	Naval Air Stations Naval Air Facilities Naval Stations Intermediate Maintenance Activities
52402N	Sea Control Projection Air Base Communications	ORU:	Base Consolidated Tele- communications (BCT)

TABLE I.1 (Cont)

<u>Program Elements</u>		<u>Program Element Description</u>	
<u>Support Forces - Shore Based (Cont)</u>			
<u>Base Operations (Cont)</u>			
52403N	Sea Control Air Base Operations	ORU:	NAS (Major) Naval Air Facilities Naval Air Stations Naval Stations Intermediate Maintenance Activities
52404N	Sea Control Air Base Communications	NRU:	Base Consolidated Tele- communications (BCT)
52405N	Fleet Support (Port) Base Operations	ORU:	Amphibious Bases Submarine Bases POL Activities Naval Shore Activities Service Craft Submarine Support Facilities
52406N	Fleet Support (Port) Base Communications	ORU:	Base Consolidated Tele- communications (BCT)
52407N	Fleet Logistics Support Base Operations	ORU:	Naval Stock Points (Supply Depots)
<u>Training</u>			
52413N	Fleet Support Training	CRU:	Underway Training Fleet Training Group
		ORU:	Fleet Training Group Nuclear Weapons Training
<u>Command</u>			
52421N	Fleet Command	CRU:	Convoy Commodore R/V Convoy Commodore Naval Control of Shipping Office Naval Control of Shipping Liaison Office

TABLE I.1 (Cont)

<u>Program Elements</u>		<u>Program Element Description</u>	
<u>Support Forces - Shore Based (Cont)</u>			
<u>Command (Cont)</u>			
52421N	(Cont)	ORU:	Fleet Command Force/Area Command Fleet Construction Battalion Command
52422N	Sea Control/Projection	CRU:	Naval Res Carr Air Wing Commander and Staffs
		ORU:	Naval Air Type Commander Staffs Carrier Group Commander Staffs Carrier Air Wing Commander Staffs Carrier AEW Wing Commander Staffs Recon Attack Wing Staff Light Attack Wing Staff Med Attack Wing Staff Fighter Wing Staff
52424N	Sea Control (Air) Command	CRU:	Nav Res ASW Carr Air Gru Commander and Staffs
		ORU:	TSULANT TSUPAC ASW Wing Patrol Wing ASW OPGON TSU 7th FLT RESPATWINGPAC ASW Support ASW OPGON 2nd FLT ASW TSU LANT ASW TSU PAC RESPATWINGLANT

TABLE I.1 (Cont)

Program Elements
Support Forces - Shore Based (Cont)

Program Element Description

Command (Cont)	52425N	Sea Control (Surface) Command	CRU:	Nav Res Dest Sqd Commanders and Staffs
				Nav Res Mine Div Commanders and Staffs
			ORU:	CRUDES LANT Staff
				DESLANT Dets
				CRUDESPAC Staff
				DESPAC Dets
				CRU/ESPAC Staff (S)
				CRU/DESGRU Staff
				DESDIVGRU
				DESIRON Staff
				MINWARFOR Staff
				COMMINERON Staff
	52426N	Sea Control (Subsurface)	ORU:	SUBLANT Staff
				SUBPAC Staff
				SUBMED Staff
				SUBDEVGRU Staff
				SUBGRP Staff (Attack)
				SUBRON Staff (Attack)
				SUBRON Staff (FBM)
	52427N	Sea Projection Command	ORU:	Amphibious Grp Staff
				Amphibious Sqd Staff
				PHIBLANT Staff
				PHIBPAC Staff
	52428N	Inshore Warfare Command	ORU:	SPECWAR Staff
	52429N	Mobile Support Forces Command	ORU:	SERV LANT Staff
				SERV PAC Staff
				SERV RON/GRU Staff

TABLE I.1 (Cont)

<u>Program Elements</u>		<u>Program Element Description</u>	
<u>Intelligence and Communications (Reserve)</u>			
Intelligence and Security			
53131N	Fleet Intelligence Support Activity	ORU:	Task Group
53132N	Cryptologic Activities	ORU:	National Sec Group CV Security Group Sec Station Sec Grp Activity Sec Grp COMSTA TGU Sec Grp Sec Grp Command Sec Grp Training Elint Centers
53137N	Elint Centers	ORU:	OP Intel Ocean Info Fleet Ocean Info Area Analysis NISC Support
53138N	Intelligence Production Activities	ORU:	Intelligence Processing Data/Communications
53139N	Scientific and Technical Intelligence	ORU:	OSD/JCS PI Intel Cmd Intel Audit Intel Dissem Intel Collect
53140N	Intelligence Data Handling	ORU:	Sec Grp Activity Sec Grp COMSTA
53141N	Intelligence Management and Support Activities	ORU:	Sec Grp Activity LCC Sec Grp Sec Grp COMSTA Sec Grp Detachment
53143N	Cryptologic Communications	ORU:	
53144N	Intelligence Communications	ORU:	

TABLE I.1 (Cont)

<u>Program Elements</u>		<u>Program Element Description</u>	
<u>Intelligence and Communications (Reserve) (Cont)</u>			
Communications			
53154N	Navy Communications (NAVCOM)	ORU:	NAVCOMSTA
53155N	Navy Communications (DCS)	ORU:	NAVCOMSTA (DCS)
53158N	COMSEC	ORU:	Sec Grp COMSTA
53170N	Weather Service	ORU:	Naval Weather Service
<u>Activities (Other)</u>			
Mission			
53174N	Counter Intelligence and Investigative Activities (CI & IA)	ORU:	Investigative C&S Investigative OPNs NIS HQ NIS Team
Command			
53584N	Command	ORU:	Contingency Grp Def Intel Attache Sup Attache
<u>Airlift and Sealift</u>			
Sealift			
54302N	Troop Cargo Transport	CRU:	Transportation Unit (TRANSU)
54316N	MSC Headquarters	CRU:	Mil Sealift Cmd Office(MSCO)
		ORU:	MSC Command Mil Sealift Command Office (MSCO) NSC Command Hq

TABLE I.1 (Cont)

<u>Program Elements</u>		<u>Program Element</u>	<u>Description</u>
<u>Airlift and Sealift (Cont)</u>			
Traffic Management and Water Terminals			
54321N	Port Terminal Operations	ORU:	Transportation Activities
<u>Research and Development</u>			
Management and Support			
56294N	R&D Laboratories	ORU:	Weapons Lab Air Sys T&E Research Lab U/W Sound Ref Div Underwater Ordnance
56307N	FAC and Installation Support	ORU:	Ordnance Test ONR Branch Office Biomedical Research Lab
<u>Central Supply and Maintenance</u>			
General Support			
57203N	Supply Depots/Operations	ORU:	Naval Stock Points (Supply Centers)
57204N	Inventory Control Points Operations	ORU:	Inventory Control Point POL Activities Transportation Aircraft Material Office
57205N	Procurement Operations	ORU:	Procurement Activities Transportation Activities Naval Air Engineering Representative
Maintenance and Service Activities			
57211N	Depot Maintenance	ORU:	Naval Air Rework Facilities

TABLE I.1 (Cont)

Program ElementsCentral Supply and Maintenance (Cont)Maintenance and Service Activities (Cont)

	<u>Program Element</u>	<u>Description</u>
57217N	Ship Maintenance Activities	ORU: Naval Shipyards
57219N	Naval Ordnance Activities	ORU: Naval Ordnance Systems Command Weapons Engineering
57223N	Public Works Centers	ORU: Public Work Centers
Other		
57243N	Base Operations (Navy)	CRU: Advanced Supply Base Advanced Air Cargo Terminal Ship Maintenance and Repair Ferro-Cement Boat Center
		ORU: Construction Battalion Center Construction Regiment Staff Construction Battalion Main- tenance Unit
57244N	Command (Incl. Sup Def Agency)	ORU: DSA DCASR NAVSUP HQ NAVSEA HQ NAVAIRSYSCOM HQ NAVMAT HQ NAVELEX HQ NAVFAC HQ OCEANO

TABLE I.1 (Cont)

<u>Program Elements</u>		<u>Program Element</u>	<u>Description</u>
<u>Central Supply and Maintenance (Cont)</u>			
Other (Cont)			
57253N	Logistic Support Activities	ORU:	POL Activities Nav Air Sys Com Rep Naval Oceanographic Systems HQ Electronics Repair Engineering Field Div Officer-in-Charge of Construction
57255N	Navy Inactive Ship Maintenance Facility	ORU:	Ship Maintenance and Repair (SMR)
<u>Training, Medical and Other General Personnel Activities</u>			
Training			
Regular			
58111N	Recruit Training	ORU:	Recruit Training
58112N	Specialized Training	ORU:	Fleet Tra Center Combat Directions Training Fleet ASW Training Maintenance Training Nav Air Tech Tra Center Service School Armed Forces General Tra Armed Forces Tech Tra Intelligence Tra NIPS Training
58114N	Flight Training	ORU:	Primary Flight Tra Squadron NFO Jet Tra Sqd Advanced Prop Tra Sqd Advanced Jet Tra Sqd Primary/Advanced Helo Tra Sqd Naval Aviation Schools

TABLE I.1 (Cont)

<u>Program Elements</u>		<u>Program Element Description</u>	
<u>Training, Medical and Other General Personnel Activities (Cont)</u>			
<u>Medical</u>			
<u>General Support</u>			
58131N	Hospitals	ORU:	Naval Regional Medical Center
58136N	Other Medical Activities	CRU:	Preventive Medicine Unit
		ORU:	Naval Regional Dental Center
<u>Other</u>			
58167N	Command (Incl Supt of Def (Agency)	CRU:	PERS Mobilization Detachments
		ORU:	CNET HQ CNAT HQ CNATT HQ Fleet Tra HQ CNP HQ Support Recruit Processing
<u>Reserve Support</u>			
58170N	Special Category Trainees - Pay Group D Only		Pay Group D Trainees Only
<u>Administration and Associated Activities</u>			
<u>Command Headquarters - Washington Level</u>			
59512N	Departmental Headquarters	ORU:	CNO Dir Nav Ed & Tra HQ Office of the Judge Advocate General Navy Appellate Review Activity ONR OSD
59513N	Other Field Activities	ORU:	Unified Command

TABLE I.1 (Cont)

Program Elements

Administration and Associated Activities (Cont)

Headquarters - General Support

59517N Other HQ Supt (Not Otherwise
Accounted For) (Incl Supt Def
Agency)

IRU: Individual Reinforcement - Units
Selective Service

59519N Public Affairs

CRU: Fleet Information Office
ORU: Office of Information
Navy Information Office
News Center
Navy Internal Relation (NIRA)

Support of Other Nations

Support of Allies

50104N International Mil HQ and
Agencies

ORU: Allied Command Atlantic

Note: 59299N Undistributed Adjustment

TABLE I.2
PROGRAM ELEMENTS MODELED AS "SUPPORT"

<u>Program Elements</u>		<u>Program Element Descriptions</u>
<u>Central Supply and Maintenance</u>		
Supply		
Other		
Guard and Reserve		
57113N	Logistic Support (Reserve)	Supply, Maintenance and Other Logistic Resources Dedicated to the Support of the Naval Reserve Forces Depot Maintenance Civil Engineer Support Equipment Planning/ Design
<u>Reserve Support</u>		
58170N	Special Category Trainees - Pay Group F Only	Naval Reserve Training Programs Pay Group F Trainees (Non-Prior Service)
58171N	Base Operations (Naval Reserve)	Naval Air Stations, Naval Reserve Centers, Naval Reserve Facilities, Other Installations, and Associated Costs Dedicated to the Training and Related Support of the Naval Reserve Force. Base Operations Reserve Investment Operations Reserve MC & MR Base Ops NAS South Weymouth NAS Atlanta NAS New Orleans NAS Dallas

TABLE I.2 (Cont)

Program Elements

Reserve Support (Cont)

58171N (Cont)

Program Element Description

NAS Los Alamitos
 NAF Detroit
 NAS Glenview
 NARDET Los Alamitos
 NARU NAS Whidbey Island
 NARDET Moffett Field
 NARDET Patuxent River
 NARDET Quonset Pt.
 NARDET NAS Miramar
 NARU NAS North Island
 NARDET Imperial Beach
 NARDET Niagara Falls
 NARDET Denver
 NARDET Seattle
 NARDET Houston
 NARDET New York
 NARDET Miami
 NARU NAF Andrews AFB
 NARU NAS JAX
 NARU Lakehurst
 NARU NAS Memphis
 NARU NAS Norfolk
 NARU NAS Alameda
 NARU Pt. Mugu
 NAS South Weymouth DET Nashua, NH
 NARDET Selfridge AFM, MI
 Naval Reserve Centers
 Naval/Mar Corps Reserve Centers
 Naval Reserve Facilities
 Armed Forces Reserve Center
 Bolling/Anacostia MILCON
 Correctional Center NAS Dallas

TABLE I.2 (Cont)

<u>Program Elements</u>		<u>Program Element Description</u>
<u>Reserve Support (Cont)</u>		
58171N (Cont)		Reserve Admin. Supt. Naval Districts NAVFAC O&MNR Operating MILCON/NAVRES FAC Communications and Electronics MILCON NAS SPSEB Dets Mil Construction Naval Reserve Collateral Equipment Naval Reserve NADET Wilmington, OH NADET Twin Cities NADET Kansas City Planning/Design
58172N	Training Support (Naval Reserve)	Resources and Costs Dedicated to the Training and Related Support of Naval Reserve Forces Tech Tra ASW Schools Minewarfare Tra Professional Tra NAVRES OFFSCOL Support NAVRES Standards and Curricula Collateral and General Support Equip- ment
<u>Administration and Associated Activities</u>		
Command Headquarters - Washington Level		
59514N	HQ Level Naval Reserve	Naval Reserve Support at the Washington Headquarters Level: Title 10 USC Section 265 Reserve Billets Civilians

TABLE I.2 (Cont)

<u>Program Elements</u>		<u>Program Element Description</u>
<u>Administration and Associated Activities (Cont)</u>		
Headquarters - General Support		
59520N	Field Command Naval Reserve	Naval Reserve Support at Field HQ, Command, Activity Level
		CNAURES New Orleans
		RESTRA Group Commander Staffs
		Res Supplement Naval Dist. HQ
		NAVRES Readiness Commands
		Tra and Supt Surface/Subsurface Commandant Level
		CNAVRES Rep San Diego
		CNAVRES Rep Norfolk
		CB Representative Alameda
		Naval Reserve Personnel Center
		Naval Off Records Supt Activity Omaha
		Nav Res Manpower Center Bainbridge, MD

APPENDIX J

PROJECT SCOPE AND APPROACH

SCOPE

Initially, ORI was to conduct research and analysis necessary to and culminating in the development of a computerized model that would estimate the annual direct and indirect costs of the Naval Selected Reserve. The ORI Selected Reserve Resource Model created as a result of this effort was to be compatible with the Navy Resource Model.

However, as a result of ORI's analyses conducted during the August 1974 to January 1975 period, together with the comments and suggestions of the Advisory Committee for this project (members from OP-964D, OP-09R3, and OP-901M), ORI was granted permission, in February 1975, to deviate slightly from the original product. Instead of creating a separate model that is compatible with the NARM, the model resulting from ORI's work is to be an integral component of the NARM; i.e., instead of creating a separate "Reserve NARM", ORI's work is to result in an enhanced Reserve portion of the existing NARM.

Further, due to definitional uncertainties, it was determined that the scope of the project be directed toward a specific Naval Reserve program rather than the drill paid Selected Reserve. By this, it was agreed that a "specific Naval Reserve program" includes estimation of:

- All of the appropriation Operations and Maintenance, Naval Reserve (O&MNR) that is in the Department of Navy Five Year Program (DNFYP) Program 5, Guard and Reserve Forces
- All of the appropriation Military Construction, Naval Reserve (MCNR) that is in Program 5

- All of the appropriation Reserve Personnel, Navy (RPN) that is in Program 5 and Program 8, Training, Medical, and Other General Personnel Activities
- Only the Program 5 portions of the appropriations
 - Aircraft Procurement, Navy (APN)
 - Other Procurement, Navy (OPN)
 - Military Personnel, Navy (MPN).

No Marine Corps Reserve resources are addressed, including the aircraft assigned to them, even though their operations and maintenance are funded by O&MNR.

APPROACH

The approach followed by ORI was aimed at providing the capability for the NARM to:

- (1) Calculate estimates within the model for:
 - All Program 5 RPN (even that in Marine (M) PEs)
 - All O&MNR (except that in Marine (M) PEs)
 - All Program 5 MPN in Navy (N) PEs
- (2) "Thruput":
 - All MCNR
 - Program 5 OPN, APN
 - Program 8 RPN
- (3) Generate costs by:
 - Appropriation
 - Program Element (PE)
- (4) Enable alternatives to be examined that vary according to changes in:
 - Force level (hardware)
 - Manpower strengths (active and reserve)
 - Authorized drills
 - Operating tempo (flying or steaming hours per month)
 - Length of overhaul/rework cycles
- (5) Enable identification of the total annual direct and indirect costs for each and every unique basic type of unit in the Naval Reserve as described in Appendix H of this report.

Subsequent to the February decision, ORI was advised that the final report for this project should include detailed documentation identifying new inputs, equations and report formats, or changes to existing ones, to permit making all the necessary programming changes that are required to give the NARM the desired capability with respect to the Naval Reserve.