NAVY TRAINING SYSTEM PLAN

FOR THE

AN/GYQ-79 COMMON MUNITIONS BIT REPROGRAMMING EQUIPMENT

N88-NTSP-A-50-0124/P

FEBRUARY 2003

AN/GYQ-79 COMMON MUNITIONS BIT REPROGRAMMING EQUIPMENT

EXECUTIVE SUMMARY

This Navy Training System Plan (NTSP) has been developed to identify the life cycle manpower, personnel, and training requirements associated with the AN/GYQ-79 Common Munitions Built-In Test (BIT) Reprogramming Equipment (CMBRE). CMBRE is a joint Air Force-Navy program in the Production and Deployment Phase of the Defense Acquisition System. The Air Force is the lead service. Initial Operating Capability for CMBRE was achieved in October 1998. The Navy Support Date (NSD) and Material Support Date are scheduled for Fiscal Year (FY) 04. CMBRE is in the Operations and Support phase of the Defense Acquisition System.

CMBRE, also identified as the AN/GYQ-79 Digital Computer Assembly, is munitions support equipment that is used to initiate BIT, obtain munitions status, reprogram munitions Operational Flight Programs, and load mission planning and Global Positioning System information.

CMBRE is operated and maintained by Navy Aviation Ordnanceman (AO) personnel with Navy Enlisted Classification (NEC) 6801, Air Launched Weapons Technician and Marine Corps personnel with Military Occupational Specialty (MOS) 6541, Aviation Ordnance System Technician, assigned to Navy Weapons Departments, both ashore and afloat, and Marine Corps Station Weapons Departments.

Maintenance of CMBRE will be conducted at two levels, intermediate and depot. Depot level maintenance will be performed by, the manufacturer. Until the NSD is achieved, all CMBRE repairs are being provided by, the manufacturer under an Air Force Interim Contract Support Agreement.

Initial CMBRE training was provided by the manufacturer and has been completed. The Naval Air Warfare Center Weapons Division (NAWCWD), China Lake is providing interim CMBRE operator training on an as required basis until follow-on CMBRE training is available in FY04. Naval Air Maintenance Training Group Headquarters is currently developing a new follow-on CMBRE operator and maintenance technician course. This new course will be added to existing tracks that lead to the award of NEC 6801 and MOS 6541.

The quantitative and qualitative manpower requirements for Navy AOs with NEC 6801 and Marine Corps personnel with MOS 6541 identified in current Navy Activity Manpower Documents and Marine Corps Tables of Organization are sufficient to support CMBRE without change.

AN/GYQ-79 COMMON MUNITIONS BIT REPROGRAMMING EQUIPMENT

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LIST OF ACRONYMS

AO	Aviation Ordnanceman
AOB	Average Onboard
AR	Marine Corps Active Reserve
ATIR	Annual Training Input Requirement
BIT	Built-In Test
CFE	Contractor Furnished Equipment
CFY	Current Fiscal Year
CIN	Course Identification Number
CMBRE	Common Munitions BIT Reprogramming Equipment
CNO	Chief of Naval Operations
COMLANTFLT	Commander Atlantic Fleet
COMNAVAIRESFOR	Commander Naval Air Reserve Force
COMPACFLT	Commander Pacific Fleet
DCSA	Digital Computer System Assembly
FMS	Foreign Military Sales
FY	Fiscal Year
GFE	Government Furnished Equipment
GPS	Global Positioning System
I-O	Input-Output
JDAM	Joint Direct Attack Munitions
JSOW	Joint Stand-Off Weapon
MCAS	Marine Corps Air Station
MCCDC	Marine Corps Combat Development Command
MOS	Military Occupational Specialty
MSD	Material Support Date
MTU	Maintenance Training Unit
NA	Not Applicable
NAMTRAGRU DET	Naval Air Maintenance Training Group Detachment
NAMTRAGRU HQ	Naval Air Maintenance Training Group Headquarters

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LIST OF ACRONYMS

NAMTRA MARUNIT	Naval Air Maintenance Training Marine Unit
NAMTRAU	Naval Air Maintenance Training Unit
NAVAIR	Naval Air Systems Command
NAVPERSCOM	Naval Personnel Command
NAWCWD	Naval Air Warfare Center Weapons Division
NEC	Navy Enlisted Classification
NETC	Naval Education and Training Command
NSD	Navy Support Date
NTSP	Navy Training System Plan
OFP	Operational Flight Program
OPNAV	Office of the Chief of Naval Operations
OPNAVINST	Office of the Chief of Naval Operations Instruction
OPO	OPNAV Principal Official
PFY	Prior Fiscal Year
PMA	Program Manager, Air
RFT	Ready For Training
SLAM-ER	Stand-Off Land Attack Missile-Expanded Response
TAU	Test Adapter Unit
TD	Training Device
TFMMS	Total Force Manpower Management System
TFS	Total Force Structure
TTE	Technical Training Equipment

AN/GYQ-79 COMMON MUNITIONS BIT REPROGRAMMING EQUIPMENT

PREFACE

This Draft Navy Training System Plan (NTSP) for the Common Munitions Built-In Test (BIT) Reprogramming Equipment (CMBRE) updates the Initial CMBRE NTSP, A-50-0124/I, dated September 2001, in accordance with guidelines set forth in the Navy Training Requirements Documentation Manual, Office of the Chief of Naval Operations (OPNAV) Publication P-751-1-9-97. Major changes included in this iteration of the NTSP are as follows:

- Incorporation of the latest program information
- Development of Parts II through VII

PART I - TECHNICAL PROGRAM DATA

A. NOMENCLATURE-TITLE-PROGRAM

1. Nomenclature-Title-Acronym. AN/GYQ-79 Common Munitions BIT Reprogramming Equipment (CMBRE)

2. Program Element. None

B. SECURITY CLASSIFICATION

1. System Characteristics ..... Unclassified
2. Capabilities ..... Unclassified
3. Functions ..... Unclassified

C. MANPOWER, PERSONNEL, AND TRAINING PRINCIPALS

OPNAV Principal Official (OPO) Program Sponsor ..... CNO (N78)

OPO Resource Sponsor..... CNO (N78)

Developing Agency ..... NAVAIR (3.1.1)

Training Agency ..... COMLANTFLT (N71)
COMPACFLT (N70)
NETC (ETS-23)

Training Support Agency..... NAVAIR (PMA205)
COMNAVAIRESFOR

Manpower and Personnel Mission Sponsor..... CNO (N12)
NAVPERSCOM (PERS-4, PERS-404)

Director of Naval Training ..... CNO (N00T)

Marine Corps Force Structure..... MCCDC (C53)

D. SYSTEM DESCRIPTION

1. Operational Uses. CMBRE, also identified as the AN/GYQ-79 Digital Computer Assembly, is munitions support equipment that is used to initiate BIT, obtain munitions status, reprogram munitions Operational Flight Programs (OFP), and load mission planning and Global Positioning System (GPS) information.

2. Foreign Military Sales. CMBRE is a joint Air Force-Navy program. The Air Force is the lead service. Information concerning Foreign Military Sales (FMS) of CMBRE may be obtained from the Navy Program Office, Naval Air Systems Command (NAVAIR), Code 3.1.1A.

E. DEVELOPMENTAL TEST AND OPERATIONAL TEST

1. Developmental Test. CMBRE is comprised of Commercial Off-The-Shelf equipment; therefore, no Developmental Testing was required.

2. Operational Test. The Navy successfully completed Shipboard Demonstration and Validation of CMBRE in April 1997. The Air Force successfully completed Munitions Compatibility Testing at Edwards Air Force Base, California, in Fiscal Year (FY) 97.

F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED. CMBRE did not replace any existing munitions test or program loading equipment.

G. DESCRIPTION OF NEW DEVELOPMENT

1. Functional Description. CMBRE operation is controlled by, an executive program that resides in the Digital Computer System Assembly (DCSA). Upon power application, the executive program automatically initializes all electronics, verifies power conditions, and initiates a power-up BIT. Test results are reported on the DCSA display. Major components of CMBRE include:

a. Test Adapter Unit. The Test Adapter Unit (TAU) provides the electrical resources for munitions power, addressing, and discrete Input-Output (I-O) between the DCSA and the munitions. The TAU is used to initiate all testing and program loading.

b. Electronic Control Panel. The electronic control panel provides the power indicators, power control, and I-O interfaces to the DCSA.

c. Power Supply. The power supply provides regulated power to the TAU and DCSA. The power supply contains a cooling fan to control the internal temperature.

d. Processor. The processor receives commands from the DCSA and performs commanded actions to initialize or control one of the TAU resources. The processor operates on an independent microprocessor, separate from the DCSA microprocessor.

e. Power Monitor. The power monitor monitors the frequency, phase, and amplitude of the input power. Out-of-tolerance conditions result in removal of power to the munitions unit under test.

f. Digital Computer System Assembly. DCSA is a self-contained, ruggedized computer that is IBM compatible. The DCSA provides system central control, communications, access to the Munitions Application Program memory, and interfaces to external resources. The embedded microprocessor is an INTEL 80486DX4. The operating system is MS-DOS version 6.22. All non-volatile memory within the computer is write-protected to prevent software damage and inadvertent storage of classified data.

g. Disk Drive Unit. The Disk Drive Unit is a 3.5-inch floppy disk drive that interfaces with the DCSA via a cable connection.

h. Other Equipment. Other equipment consists of interface cables and power cables.

2. Physical Description. CMBRE is packaged in three portable boxes. Box 1, identified as the TAU, contains the electrical control panel, power supply, processor circuit card assembly, and power monitor. Box 2, identified as the Controller Unit, contains the DCSA and associated cables. Box 3, identified as the Accessory Kit, is a test set case used for storage and transporting components that are not required for normal system operation. Components contained in Box 3 include power extension cables, power adapter cables, power converter, disk drive unit, dummy connector plug, and computer hood. Physical characteristics of the CMBRE portable boxes are as follows:

ASSEMBLY	DIMENSIONS (INCHES)			WEIGHT (POUNDS)
	HEIGHT	WIDTH	LENGTH	
TAU - Box 1	13	18	22	40
Controller Unit - Box 2	15	17	18	42
Accessory Kit - Box 3	15	17	18	39

3. New Development Introduction. CMBRE is being introduced to the fleet as new equipment through new procurement.

4. Significant Interfaces. CMBRE requires connection to a three phase, 400 hertz, 115/220 volt alternating current, 15 amp power source or power cart. CMBRE interfaces with the following current and future Navy and Marine Corps munitions:

- Joint Direct Attack Munitions (JDAM)
- AGM-142 Joint Stand-Off Weapon (JSOW)
- Stand-Off Land Attack Missile-Expanded Response (SLAM-ER)
- Miniature Air Launched Decoys
- Hard Target Smart Fuze
- AIM-9X Air-to-Air Missile
- ALE-50 Towed Decoy

- Miniature Munitions

5. New Features, Configurations, or Material. Not Applicable (NA)

H. CONCEPTS

1. Operational Concept. CMBRE is operated by Navy Aviation Ordnanceman (AO) personnel with Navy Enlisted Classification (NEC) 6801, Air Launched Weapons Technician, and Marine Corps personnel with Military Occupational Specialty (MOS) 6541, Aviation Ordnance System Technician, assigned to Navy shore and afloat Weapons Departments and Marine Corps shore Weapons Departments.

2. Maintenance Concept. After the Navy Support Date (NSD) scheduled for FY04, maintenance of CMBRE will be conducted at two levels, intermediate and depot, in accordance with the guidelines established in the Naval Ordnance Maintenance Management Program Office of the Chief of Naval Operations Instruction (OPNAVINST) 8000.16.

a. Organizational. CMBRE is not used or maintained at the organizational level.

b. Intermediate. Navy AOs with NEC 6801 and Marine Corps personnel with MOS 6541 assigned to Navy shore and afloat Weapons Departments and Marine Corps shore Weapons Departments will maintain CMBRE. Intermediate level maintenance will be limited to cleaning, replacement of common hardware, and replacement of selected circuit cards.

c. Depot. Depot level maintenance will be performed by the manufacturer and consists of all maintenance actions beyond the capability of intermediate maintenance. Additionally, the manufacturer will perform all maintenance on CMBRE units that malfunction while under warranty.

d. Interim Maintenance. Currently, and until the NSD in FY04 all CMBRE repairs are accomplished by the manufacturer under an Air Force Interim Contract Support Agreement.

e. Life Cycle Maintenance Plan. NA

3. Manning Concept

a. Estimated Maintenance Man-Hours per Operating Hour. CMBRE is highly reliable with a greater than 4857 hours, Mean Time Between Failures and less than 30 minutes Mean Time To Repair.

b. Proposed Utilization. Afloat, the CMBRE is employed an average of six hours per day, seven days per week, six months per year. Ashore, the CMBRE is employed an average of three hours per day, five days per week, 12 months per year.

c. Recommended Qualitative and Quantitative Manpower Requirements. The quantitative and qualitative manpower requirements for Navy AOs with NEC 6801 and Marine Corps personnel with MOS 6541 identified in current Navy Activity Manpower Documents and Marine Corps Tables of Organization are sufficient to support CMBRE without change.

4. Training Concept. All formal initial training for CMBRE has been completed.

a. Initial Training. Initial CMBRE training was provided by, the manufacturer to:

- Shipboard Demonstration and Verification Personnel
- Munitions Compatibility Testing Personnel
- JDAM Training Team Members from NAWCWD, China Lake, California

Initial training was completed in FY98. The JDAM Training Team is currently providing interim CMBRE operator training on an as-required basis until follow-on training is Ready For Training (RFT) in FY04. Prior to the NSD scheduled for FY04, all CMBRE maintenance is being performed by the manufacturer; therefore, CMBRE maintenance is not included as part of this interim training.

b. Follow-on Training

Title	**Aviation Ordnance Technician Intermediate Maintenance**
CIN	M-646-7026
Model Manager....	Naval Air Maintenance Training Marine Unit (NAMTRA MARUNIT), Cherry Point, North Carolina
Description.....	This course provides training to Marine Corps ordnance personnel, including: ° Theory of Operation ° MIL-STD-1553 Command/Response Multiplex Data Bus ° MIL-STD-1760 Electrical/Mechanical Interface ° BIT Capability ° Reprogramming Munitions OFP ° Loading Mission Planning Information ° Loading GPS Information ° Troubleshooting and Circuit Card Replacement Upon completion, the student will be able to operate and maintain the CMBRE at the intermediate level under limited supervision.
Locations	NAMTRA MARUNIT, MCAS Cherry Point

Length.....	Track 87 days, 89 days with CMBRE included
RFT date	Currently available, CMBRE included in FY04
Skill identifier.....	MOS 6541
TTE/TD.....	° TTE: AN/GYQ-79 Digital Computer Assembly ° TD: NA
Prerequisite	° C-646-2011 Aviation Ordnanceman Class A1 Core ° C-646-2013 Aviation Ordnanceman Ship/Shore Strand

Title	**General Shipboard/NAS Weapons Department AVORD Maintenance**
CIN	D/E-646-70007
Model Manager....	NAMTRAU Norfolk, Virginia
Description.....	This course provides training to Marine Corps ordnance personnel, including: ° Theory of Operation ° MIL-STD-1553 Command/Response Multiplex Data Bus ° MIL-STD-1760 Electrical/Mechanical Interface ° BIT Capability ° Reprogramming Munitions OFP ° Loading Mission Planning Information ° Loading GPS Information ° Troubleshooting and Circuit Card Replacement Upon completion, the student will be able to operate and maintain the CMBRE at the intermediate level under limited supervision.
Locations	° Maintenance Training Unit (MTU) 4032, Naval Air Maintenance Training Unit (NAMTRAU) Norfolk ° MTU 4030, Naval Air Maintenance Training Group Detachment (NAMTRAGRU DET) Mayport, Florida ° MTU 4035, NAMTRAU Whidbey Island, Washington ° MTU 4033, NAMTRAU North Island, California
Length.....	Track 43 days, 45 days with CMBRE included
RFT date	Currently available, CMBRE included in FY04
Skill identifier.....	NEC 6801
TTE/TD.....	° TTE: AN/GYQ-79 Digital Computer Assembly ° TD: NA

Prerequisite ..... ° C-646-2011 Aviation Ordnanceman Class A1 Core
° C-646-2013 Aviation Ordnanceman Ship/Shore Strand

c. Student Profiles

SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
AO 6801	C-646-2011 Aviation Ordnanceman Class A1 Core C-646-2013 Aviation Ordnanceman Airwing Strand
MOS 6541	C-646-2011 Aviation Ordnanceman Class A1 Core

d. Training Pipelines. Two training tracks are affected by CMBRE as follows:

(1) D/E-646-7007, General Shipboard Aviation Ordnance Maintenance. As per MTRR Task 700.00 MTRR.7007.38 course length will be increasing by 10 hours from 43 days to 45 days. No additional instructors will be required. Students completing this track earn NEC 6801.

(2) M-646-7026, Aviation Ordnance Systems Technician. As per MTRR Task 700.00 MTRR.7007.38 course length will be increasing by 10 hours from 87 days to 89 days. No additional instructors will be required. Students completing this track earn MOS 6541.

I. ONBOARD (IN-SERVICE) TRAINING

1. Proficiency or Other Training Organic to the New Development

a. Maintenance Training Improvement Program. NA

b. Aviation Maintenance Training Continuum System. In the future CMBRE may be included in the Aviation Maintenance Training Continuum System. Currently no timetable for inclusion has been developed.

2. Personnel Qualification Standards. Personnel Qualification Standards will not be developed for CMBRE.

3. Other Onboard or In-Service Training Packages. NA

J. LOGISTICS SUPPORT

1. Manufacturer and Contract Number

CONTRACT NUMBER	MANUFACTURER	ADDRESS
F33657-96-D-1217	Alliant Defense Electronics Systems, Inc.	Post Office Box 4648 Clearwater, FL 33758

2. Program Documentation. Since CMBRE is an Air Force Lead program, no Navy Integrated Logistics Support Plan or Operational Logistics Support Summary was developed. Air Force Program documentation includes:

- Specifications for CMBRE, SA/ALC/LDA-PS-95-01 Revision 1, dated October 1998
- CMBRE Controller Executive Computer Software Configuration Item Software Requirements Specification, SJ 8223-38161-0013-1, dated May 1997
- CMBRE TAU Firmware Computer Software Configuration Item Software Requirements Specification, SJ 8223-38161-0014-1, dated May 1997
- CMBRE TAU Interface Design Description, SJ 8223-38161-0028, dated January 1998.

3. Technical Data Plan. Required technical manuals are delivered by, the manufacturer with each CMBRE unit delivered. Changes and updates are controlled and distributed by the Air Force Technical Publications Center, Kelly Air Force Base, Texas. Technical publications are identified with both an Air Force technical order number and NAVAIR publication numbers.

4. Test Sets, Tools, and Test Equipment. No unique requirements for special test sets, special tools, or special test equipment are required to support CMBRE; however, each munition has its own unique OFP program, which is provided by the applicable program office.

5. Repair Parts. Prior to the Material Support Date (MSD), scheduled for FY04, all CMBRE repair parts are being provided by the manufacturer under an Air Force Interim Contract Support Agreement. After the MSD, replacement parts will be requisitioned from the Air Force inventory manager through normal supply channels.

6. Human Systems Integration. NA

K. SCHEDULES

1. Installation and Delivery Schedules. CMBRE requires no installation. All CMBRE units will be delivered to the NAWCWD China Lake. NAWCWD will retain ownership of all CMBRE assets and distribute them to user activities on a custody basis. Current plans are for the Navy to purchase 146 CMBRE units. Delivery began in FY97 with the delivery of three CMBRE prototypes and will to be completed in FY03.

DELIVERY SCHEDULE

ACTIVITY	FY97	FY98	FY99	FY00	FY01	FY02	FY03
NAWCWD China Lake	3	15	36	40	24	24	4

2. Ready For Operational Use Schedule. CMBRE is Ready For Operational Use upon receipt from the manufacturer.

3. Time Required to Install at Operational Sites. NA

4. Foreign Military Sales and Other Source Delivery Schedule. Information concerning CMBRE FMS delivery schedules may be obtained from the Navy Program Office, NAVAIR Code 3.1.1A.

5. Training Devices and Technical Training Equipment Delivery Schedule. No Training Devices are required to support CMBRE. One CMBRE unit is required as TTE at each training location. All TTE has been delivered.

L. GOVERNMENT-FURNISHED EQUIPMENT AND CONTRACTOR-FURNISHED EQUIPMENT TRAINING REQUIREMENTS. NA

M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS

DOCUMENT OR NTSP TITLE	DOCUMENT OR NTSP NUMBER	PDA CODE	STATUS
Navy Training System Plan for the Joint Direct Attack Munitions	A-50-9104/D	PMA259	Draft Dec 95
Navy Training System Plan for the Joint Stand-Off Weapon	A-50-8906A/A	PMA258	Approved Mar 00
Navy Training System Plan for the Stand-Off Land Attack Missile-Expanded Response	A-50-9502A/A	PMA258	Approved Nov 00

DOCUMENT OR NTSP TITLE	DOCUMENT OR NTSP NUMBER	PDA CODE	STATUS
Navy Training System Plan for the AIM-9X Sidewinder Missile	A-50-9601A/A	PMA259	Approved Jun 01
Specifications for CMBRE	SA/ALC/LDA-PS-95-01 Revision 1	Air Force	Dated Oct 98
CMBRE Controller Executive Computer Software Configuration Item Software Requirements Specification	SJ 8223-38161-0013-1	Air Force	Dated May 97
CMBRE TAU Firmware Computer Software Configuration Item Software Requirements Specification	SJ 8223-38161-0014-1	Air Force	Dated May 97
CMBRE TAU Interface Design Description	SJ 8223-38161-0028	Air Force	Dated Jan 98
CMBRE Programmer's Manual	SJ 8223-38161-0029	Air Force	Dated Jan 98

PART II - BILLET AND PERSONNEL REQUIREMENTS

Note 1: This part of the CMBRE NTSP is presented by, NEC and MOS for ease of understanding. It was developed to establish the total intermediate level maintenance billet requirements for the ordnance community. The requirement is to train ordnance personnel in the USN and USMC to receive an NEC or MOS to fill a billet.

Note 2: This part of the CMBRE NTSP is a compilation of one intermediate level NEC (AO 6801) and one intermediate level MOS (6541) with associated billets. The workload associated with the CMBRE is only a small percentage of the total required intermediate level workload for AO 6801 and MOS 6541. Since NEC 6801 and MOS 6541 are not solely dedicated to the CMBRE, the training requirements remain the same.

II.A. BILLET REQUIREMENTS

SOURCE OF SCHEDULE: NAVAIR 3.1.1 **DATE:** March 2002
SOURCE OF NAVY MANPOWER: Total Force Manpower Management System (TFMMS) **DATE:** June 2002
SOURCE OF USMC MANPOWER: TFS MCCDC, Extracted from Table of Manpower Requirements **DATE:** June 2002

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

ACTIVITY, UIC		PFYs	CFY03	FY04	FY05	FY06	FY07
OPERATIONAL ACTIVITIES - USN							
VFA 106	49119	1	0	0	0	0	0
VAQ 129	83896	1	0	0	0	0	0
VFA 125	53971	1	0	0	0	0	0
TOTAL:		3	0	0	0	0	0
OPERATIONAL ACTIVITIES - USMC							
HMH 772 CH-53E	09490	1	0	0	0	0	0
HMH CH-53 (East Coast)	00000	2	0	0	0	0	0
HMLA 773	09431	1	0	0	0	0	0
HMLA 773 DET	00000	1	0	0	0	0	0
HMLA 775 DET A	09415	1	0	0	0	0	0
HMLA AH-1/UH-1 (East Coast)	00000	2	0	0	0	0	0
HMM 774 CH-46	09430	1	0	0	0	0	0
HMM CH-46E (East Coast)	00000	6	0	0	0	0	0
VMFA(AW) F/A-18 (East Coast)	00000	3	0	0	0	0	0
VMA AV-8B (East Coast)	00000	3	0	0	0	0	0
VMAQ EA-6B (East Coast)	00000	4	0	0	0	0	0
VMFA 142	67243	1	0	0	0	0	0
VMFA 321	67235	1	0	0	0	0	0
VMFA F/A-18 (East Coast)	00000	4	0	0	0	0	0
VMM MV-22A	00000	1	0	0	0	0	0
HMH 769 CH-53E	09487	1	0	0	0	0	0
HHM CH-53D (West Coast)	00000	3	0	0	0	0	0
HMH CH-53E (West Coast)	00000	4	0	0	0	0	0
HMLA 775	55257	1	0	0	0	0	0
HMLA AH-1/UH-1 (West Coast)	00000	4	0	0	0	0	0
HMM 764 CH-46	09402	1	0	0	0	0	0
HMM CH-46E (West Coast)	00000	6	0	0	0	0	0
VMFA 134	09365	1	0	0	0	0	0
VMFA F/A-18 (West Coast)	00000	4	0	0	0	0	0
VMA AV-8B (West Coast)	00000	4	0	0	0	0	0
VMFA 112	08954	1	0	0	0	0	0
VMFA(AW) F/A-18 (West Coast)	00000	3	0	0	0	0	0
TOTAL:		65	0	0	0	0	0

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

ACTIVITY, UIC		PFYs	CFY03	FY04	FY05	FY06	FY07
FLEET SUPPORT ACTIVITIES - USN							
AIROPS/NAVOSH PM Brunswick	3193B	1	0	0	0	0	0
Commander Afloat Training Group, Norfolk	30733	1	0	0	0	0	0
COMNAVAIRLANT Ordnance Detachment	31279	1	0	0	0	0	0
COMNAVAIRLANT	57012	1	0	0	0	0	0
COMSTKFITWING DET, Beaufort	3006A	1	0	0	0	0	0
CV 67 USS John F. Kennedy	03367	1	0	0	0	0	0
CVN 65 USS Enterprise	03365	1	0	0	0	0	0
CVN 69 USS Dwight D. Eisenhower	03369	1	0	0	0	0	0
CVN 71 USS Theodore Roosevelt	21247	1	0	0	0	0	0
CVN 73 USS George Washington	21412	1	0	0	0	0	0
CVN 75 USS Harry S. Truman	21853	1	0	0	0	0	0
CVN 76 USS Ronald Reagan	22178	1	0	0	0	0	0
LHA 2 USS Saipan	20632	1	0	0	0	0	0
LHA 4 USS Nassau	20725	1	0	0	0	0	0
LHD 1 USS Wasp	21560	1	0	0	0	0	0
LHD 3 USS Kearsarge	21700	1	0	0	0	0	0
LHD 5 USS Bataan	21879	1	0	0	0	0	0
LHD 7 USS Iwo Jima	23027	1	0	0	0	0	0
MTU 3040 NAMTRAGRU DET Mayport	66069	1	0	0	0	0	0
MTU 4032 NAMTRAU Norfolk	66046	1	0	0	0	0	0
Naval Air Facility Mildenhall, England	57032	1	0	0	0	0	0
Naval Ordnance Center, Indian Head	68963	1	0	0	0	0	0
Naval Weapons Station, Charleston	00193	1	0	0	0	0	0
SURFLANT AVORD MTT, Norfolk	48764	1	0	0	0	0	0
VX 23 Patuxent River	39783	1	0	0	0	0	0
CNATRA Kingsville	49149	1	0	0	0	0	0
CV 63 USS Kitty Hawk	03363	1	0	0	0	0	0
CV 64 USS Constellation	00364	1	0	0	0	0	0
CVN 68 USS Nimitz	03368	1	0	0	0	0	0
CVN 70 USS Carl Vinson	20993	1	0	0	0	0	0
CVN 72 USS Abraham Lincoln	21297	1	0	0	0	0	0
CVN 74 USS John C. Stennis	21847	1	0	0	0	0	0
LHA 1 USS Tarawa	20550	1	0	0	0	0	0
LHA 3 USS Belleau Wood	20633	1	0	0	0	0	0
LHA 5 USS Peleliu	20748	1	0	0	0	0	0
LHD 2 USS Essex	21533	1	0	0	0	0	0
LHD 4 USS Boxer	21808	1	0	0	0	0	0
LHD 6 USS Bonhomme Richard	22202	1	0	0	0	0	0
MTU 4033 NAMTRAU North Island	66065	1	0	0	0	0	0
MTU 4035 NAMTRAU Whidbey Island	66058	1	0	0	0	0	0
Naval Air Facility El Centro	60042	1	0	0	0	0	0
Naval Support Facility Diego Garcia, Chagos	68539	1	0	0	0	0	0
Navy Base Ventura County, Point Mugu	69232	1	0	0	0	0	0
NAWC Weapons Division, Point Mugu	63126	1	0	0	0	0	0
Weapons Maintenance Unit One Agana, Guam	52821	1	0	0	0	0	0
TOTAL:		45	0	0	0	0	0

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

ACTIVITY, UIC		PFYs	CFY03	FY04	FY05	FY06	FY07
FLEET SUPPORT ACTIVITIES - USMC							
Blout Island Command	38450	1	0	0	0	0	0
H&HS MCAS Beaufort	02031	1	0	0	0	0	0
H&HS MCAS New River	02021	1	0	0	0	0	0
H&MS MCAS Cherry Point	02002	1	0	0	0	0	0
MALS 42 Rotary Wing, Marietta	09513	1	0	0	0	0	0
MALS 49 Rotary Wing, Fort Stewart	55555	1	0	0	0	0	0
MALS Fixed Wing (East Coast)	00000	2	0	0	0	0	0
MALS Rotary Wing (East Coast)	00000	2	0	0	0	0	0
Marine Corps Personnel, Department of the Navy	00000	1	0	0	0	0	0
VMAT 203, Cherry Point	45483	1	0	0	0	0	0
H&HS Futenma, Japan	02601	1	0	0	0	0	0
H&HS Iwakuni, Japan	02501	1	0	0	0	0	0
H&HS MCAS Camp Pendleton	02208	1	0	0	0	0	0
H&HS MCAS Miramar	02201	1	0	0	0	0	0
H&HS MCAS Yuma	02230	1	0	0	0	0	0
HMT 303 Camp Pendleton	55176	1	0	0	0	0	0
MALS 41 Fixed Wing, Fort Worth	03007	1	0	0	0	0	0
MALS Fixed Wing (West Coast)	00000	3	0	0	0	0	0
MALS Rotary Wing (West Coast)	00000	3	0	0	0	0	0
MALSE Kaneohe Bay	02300	1	0	0	0	0	0
Marine Aviation Detachment, China Lake	06117	1	0	0	0	0	0
Marine Wing Site Support, Fort Worth	03007	1	0	0	0	0	0
MAWTS 1 Yuma	55167	1	0	0	0	0	0
MCAF Kaneohe Bay	02303	1	0	0	0	0	0
MCAGCC Twentynine Palms	67399	1	0	0	0	0	0
VMAT 101 MCAS Miramar	09965	1	0	0	0	0	0
TOTAL:		32	0	0	0	0	0

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
OPERATIONAL ACTIVITIES - USN					
VFA 106, 49119					
USMC	0	1	SGT	6541	
ACTIVITY TOTAL:	0	1			
VAQ 129, 83896					
USMC	0	1	SGT	6541	
ACTIVITY TOTAL:	0	1			
VFA 125, 53971					
USMC	0	1	SGT	6541	
ACTIVITY TOTAL:	0	1			
OPERATIONAL ACTIVITIES - USMC					
HMH 772 CH-53E, 09490					
USMC	0	1	CPL	6541	
	0	1	LCPL	6541	
ACTIVITY TOTAL:	0	2			
HMH CH-53 (East Coast), 00000					
USMC	0	10	CPL	6541	
	0	2	LCPL	6541	
ACTIVITY TOTAL:	0	12			
HMLA 773, 09431					
USMC	0	2	CPL	6541	
	0	2	LCPL	6541	
AR	0	1	SGT	6541	
SMCR	0	2	CPL	6541	
	0	4	LCPL	6541	
	0	1	SGT	6541	
ACTIVITY TOTAL:	0	12			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
HMLA 773 DET, 00000					
USMC	0	2	CPL	6541	
	0	2	LCPL	6541	
AR	0	1	SGT	6541	
SMCR	0	1	LCPL	6541	
ACTIVITY TOTAL:	0	6			
HMLA 775 DET A, 09415					
USMC	0	2	CPL	6541	
	0	2	LCPL	6541	
AR	0	1	SGT	6541	
SMCR	0	4	LCPL	6541	
	0	1	SGT	6541	
	0	2	CPL	6541	
ACTIVITY TOTAL:	0	12			
HMLA AH-1/UH-1 (East Coast), 00000					
USMC	0	12	CPL	6541	
	0	18	LCPL	6541	
AR	0	6	SGT	6541	
ACTIVITY TOTAL:	0	36			
HMM 774 CH-46, 09430					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMM CH-46E (East Coast), 00000					
USMC	0	12	CPL	6541	
ACTIVITY TOTAL:	0	12			
VMFA(AW) F/A-18 (East Coast), 00000					
USMC	0	3	CPL	6541	
	0	15	LCPL	6541	
	0	9	SGT	6541	
	0	6	SSGT	6541	
ACTIVITY TOTAL:	0	33			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VMA AV-8B (East Coast), 00000					
USMC	0	9	CPL	6541	
	0	21	LCPL	6541	
	0	6	SGT	6541	
ACTIVITY TOTAL:	0	36			
VMAQ EA-6B (East Coast), 00000					
USMC	0	4	CPL	6541	
ACTIVITY TOTAL:	0	4			
VMFA 142, 67243					
USMC	0	2	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	SGT	6541	
	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
ACTIVITY TOTAL:	0	10			
VMFA 321, 67235					
USMC	0	2	CPL	6541	
	0	1	SGT	6541	
AR	0	1	SGT	6541	
	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
ACTIVITY TOTAL:	0	10			
VMFA F/A-18 (East Coast), 00000					
USMC	0	4	GYSGT	6541	
	0	24	LCPL	6541	
	0	8	SGT	6541	
	0	4	SSGT	6541	
ACTIVITY TOTAL:	0	40			
VMM MV-22A, 00000					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
HMH 769 CH-53E, 09487					
USMC	0	1	CPL	6541	
	0	1	LCPL	6541	
ACTIVITY TOTAL:	0	2			
HMH CH-53D (West Coast), 00000					
USMC	0	6	CPL	6541	
ACTIVITY TOTAL:	0	6			
HHM CH-53E (West Coast), 00000					
USMC	0	20	CPL	6541	
	0	4	LCPL	6541	
ACTIVITY TOTAL:	0	24			
HMLA 775, 55257					
USMC	0	2	CPL	6541	
	0	2	LCPL	6541	
AR	0	1	SGT	6541	
SMCR	0	1	LCPL	6541	
ACTIVITY TOTAL:	0	6			
HMLA AH-1/UH-1 (West Coast), 00000					
USMC	0	24	CPL	6541	
	0	36	LCPL	6541	
AR	0	12	SGT	6541	
ACTIVITY TOTAL:	0	72			
HMM 764 CH-46, 09402					
USMC	0	2	CPL	6541	
ACTIVITY TOTAL:	0	2			
HMM CH-46E (West Coast), 00000					
USMC	0	8	CPL	6541	
ACTIVITY TOTAL:	0	8			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VMFA 134, 09365					
USMC	0	2	CPL	6541	
	0	1	SGT	6541	
AR	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
	0	1	SGT	6541	
ACTIVITY TOTAL:	0	10			
VMFA F/A-18 (West Coast), 00000					
USMC	0	4	GYSGT	6541	
	0	24	LCPL	6541	
	0	8	SGT	6541	
	0	4	SSGT	6541	
ACTIVITY TOTAL:	0	40			
VMA AV-8B (West Coast), 00000					
USMC	0	12	CPL	6541	
	0	28	LCPL	6541	
	0	8	SGT	6541	
ACTIVITY TOTAL:	0	48			
VMFA 112, 08954					
USMC	0	2	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	SGT	6541	
	0	1	SSGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
ACTIVITY TOTAL:	0	10			
VMFA(AW) F/A-18 (West Coast), 00000					
USMC	0	3	CPL	6541	
	0	15	LCPL	6541	
	0	9	SGT	6541	
	0	6	SSGT	6541	
ACTIVITY TOTAL:	0	33			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
FLEET SUPPORT ACTIVITIES - USN					
AIROPS/NAVOSH PM, Brunswick, 3193B					
ACDU	0	2	AO1	6801	
	0	1	AO1	6801	0812
	0	3	AO2	6801	
	0	2	AO3	6801	
ACTIVITY TOTAL:	0	8			
Commander Afloat Training Group, Norfolk, 30733					
ACDU	0	2	AOC	0812	6801
ACTIVITY TOTAL:	0	2			
COMNAVAIRLANT Ordnance Detachment, Oceana, 31279					
ACDU	0	2	AOC	6801	
	0	4	AO1	6801	
	0	9	AO2	6801	
	0	27	AO3	6801	
ACTIVITY TOTAL:	0	42			
COMNAVAIRLANT, Norfolk, 57012					
ACDU	0	2	AOC	6801	
ACTIVITY TOTAL:	0	2			
COMSTKFITWING DET, Beaufort, 3006A					
ACDU	0	1	AO1	6801	
	0	3	AO2	6801	
	0	3	AO3	6801	
ACTIVITY TOTAL:	0	7			
CV 67 USS John F. Kennedy, 03367					
ACDU	0	7	AOC	6801	
	0	26	AO1	6801	
	0	27	AO2	6801	
SELRES	0	2	AO1	6801	
	0	7	AO2	6801	
ACTIVITY TOTAL:	0	69			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
CVN 65 USS Enterprise, 03365					
ACDU	0	1	AOC	6801	
	0	9	AO1	6801	
	0	1	AO2	6801	
ACTIVITY TOTAL:	0	11			
CVN 69 USS Dwight D. Eisenhower, 03369					
ACDU	0	5	AOC	6801	
	0	24	AO1	6801	
	0	32	AO2	6801	
SELRES	0	4	AOC	6801	
	0	5	AO1	6801	
	0	4	AO2	6801	
ACTIVITY TOTAL:	0	74			
CVN 71 USS Theodore Roosevelt, 21247					
ACDU	0	6	AOC	6801	
	0	22	AO1	6801	
	0	37	AO2	6801	
SELRES	0	3	AOC	6801	
	0	4	AO1	6801	
	0	3	AO2	6801	
ACTIVITY TOTAL:	0	75			
CVN 73 USS George Washington, 21412					
ACDU	0	5	AOC	6801	
	0	25	AO1	6801	
	0	33	AO2	6801	
SELRES	0	3	AOC	6801	
	0	4	AO1	6801	
	0	3	AO2	6801	
ACTIVITY TOTAL:	0	73			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
CVN 75 USS Harry S. Truman, 21853					
ACDU	0	4	AOC	6801	
	0	23	AO1	6801	
	0	29	AO2	6801	
SELRES	0	3	AOC	6801	
	0	4	AO1	6801	
	0	3	AO2	6801	
CVN 75 USS Harry S. Truman, 21853, FY04 Increment					
ACDU	0	4	AO2	6801	
ACTIVITY TOTAL:	0	70			
CVN 76 USS Ronald Reagan, 22178					
ACDU	0	9	AOC	6801	
	0	29	AO1	6801	
	0	37	AO2	6801	
ACTIVITY TOTAL:	0	75			
LHA 2 USS Saipan, 20632					
ACDU	0	2	AOC	6801	
	0	6	AO1	6801	
	0	10	AO2	6801	
ACTIVITY TOTAL:	0	18			
LHA 4 USS Nassau, 20725					
ACDU	0	2	AOC	6801	
	0	6	AO1	6801	
	0	10	AO2	6801	
ACTIVITY TOTAL:	0	18			
LHD 1 USS Wasp, 21560					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	2	AO2	6801	
ACTIVITY TOTAL:	0	12			
LHD 3 USS Kearsarge, 21700					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	2	AO2	6801	
ACTIVITY TOTAL:	0	12			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
LHD 5 USS Bataan, 21879					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	2	AO2	6801	
ACTIVITY TOTAL:	0	12			
LHD 7 USS Iwo Jima, 23027					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	2	AO2	6801	
ACTIVITY TOTAL:	0	12			
MTU 3040 NAMTRAGRU DET Mayport, 66069					
ACDU	0	2	AOC	6801	9502
	0	2	AO1	6801	9502
ACTIVITY TOTAL:	0	4			
MTU 4032 NAMTRAU Norfolk, 66046					
ACDU	0	1	AOC	6801	9502
	0	3	AO1	6801	9502
ACTIVITY TOTAL:	0	4			
Naval Air Facility Mildenhall, England, 57032					
ACDU	0	1	AO2	6801	
ACTIVITY TOTAL:	0	1			
Naval Ordnance Center, Indian Head, 68963					
USMC	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	1			
Naval Weapons Station, Charleston, 00193					
USMC	0	2	CPL	6541	
	0	1	GYSGT	6541	
	0	2	SGT	6541	
ACTIVITY TOTAL:	0	5			
SURFLANT AVORD MTT, Norfolk, 48764					
ACDU	0	5	AO1	6801	
ACTIVITY TOTAL:	0	5			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VX 23 Patuxent River, 39783					
ACDU	0	2	AO1	6801	
	0	1	AO2	6801	
	0	5	AO3	6801	
ACTIVITY TOTAL:	0	8			
CNATRA Kingsville, 49149					
ACDU	0	1	AO1	6801	9549
ACTIVITY TOTAL:	0	1			
CV 63 USS Kitty Hawk, 03363					
ACDU	0	5	AOC	6801	
	0	27	AO1	6801	
	0	36	AO2	6801	
SELRES	0	2	AOC	6801	
	0	4	AO1	6801	
	0	2	AO2	6801	
CV 63 USS Kitty Hawk, 03363, FY03 Increment					
SELRES	0	2	AOC	6801	
	0	4	AO1	6801	
ACTIVITY TOTAL:	0	82			
CV 64 USS Constellation, 00364					
ACDU	0	6	AOC	6801	
	0	10	AO1	6801	
ACTIVITY TOTAL:	0	16			
CVN 68 USS Nimitz, 03368					
ACDU	0	9	AOC	6801	
	0	29	AO1	6801	
	0	37	AO2	6801	
ACTIVITY TOTAL:	0	75			
CVN 70 USS Carl Vinson, 20993					
ACDU	0	9	AOC	6801	
	0	29	AO1	6801	
	0	37	AO2	6801	
ACTIVITY TOTAL:	0	75			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
CVN 72 USS Abraham Lincoln, 21297					
ACDU	0	9	AOC	6801	
	0	29	AO1	6801	
	0	37	AO2	6801	
ACTIVITY TOTAL:	0	75			
CVN 74 USS John C. Stennis, 21847					
ACDU	0	9	AOC	6801	
	0	29	AO1	6801	
	0	35	AO2	6801	
TAR	0	2	AO2	6801	
ACTIVITY TOTAL:	0	75			
LHA 1 USS Tarawa, 20550					
ACDU	0	1	AOC	6801	
	0	5	AO1	6801	
ACDU	0	9	AO2	6801	
ACTIVITY TOTAL:	0	15			
LHA 3 USS Belleau Wood, 20633					
ACDU	0	2	AOC	6801	
	0	4	AO1	6801	
	0	8	AO2	6801	
	0	4	AO3	6801	
ACTIVITY TOTAL:	0	18			
LHA 5 USS Peleliu, 20748					
ACDU	0	2	AOC	6801	
	0	5	AO1	6801	
	0	8	AO2	6801	
ACTIVITY TOTAL:	0	15			
LHD 2 USS Essex, 21533					
ACDU	0	2	AOC	6801	
	0	7	AO1	6801	
	0	2	AO2	6801	
ACTIVITY TOTAL:	0	11			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
LHD 6 USS Bonhomme Richard, 22202					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	2	AO2	6801	
ACTIVITY TOTAL:	0	12			
LHD4 USS Boxer, 21808					
ACDU	0	2	AOC	6801	
	0	8	AO1	6801	
	0	2	AO2	6801	
ACTIVITY TOTAL:	0	12			
MTU 4033 NAMTRAU North Island, 66065					
ACDU	0	3	AO1	6801	9502
	0	2	AO2	6801	9502
ACTIVITY TOTAL:	0	5			
MTU 4035 NAMTRAU Whidbey Island, 66058					
ACDU	0	2	AOC	6801	9502
	0	3	AO1	6801	9502
ACTIVITY TOTAL:	0	5			
Naval Air Facility El Centro, 60042					
ACDU	0	1	AOC	6801	
	0	1	AO1	6801	
	0	5	AO2	6801	
ACTIVITY TOTAL:	0	7			
Naval Support Facility Diego Garcia, Chagos Island, 68539					
ACDU	0	1	AO1	6801	
	0	2	AO2	6801	
	0	2	AO3	6801	
ACTIVITY TOTAL:	0	5			
Navy Base Ventura County, Point Mugu, 69232					
ACDU	0	2	AO1	6801	
	0	1	AO2	6801	
ACTIVITY TOTAL:	0	3			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NAWC Weapons Division Point Mugu, 63126					
ACDU	0	1	AO1	6801	
ACTIVITY TOTAL:	0	1			
Weapons Maintenance Unit One Agana, Guam, 52821					
ACDU	0	1	AOC	6801	
	0	3	AO1	6801	
	0	12	AO2	6801	
	0	4	AO3	6801	
ACTIVITY TOTAL:	0	20			
FLEET SUPPORT ACTIVITIES - USMC					
Blout Island Command, 38450					
USMC	0	1	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	2			
H&HS MCAS Beaufort, 02031					
USMC	0	1	GYSGT	6541	
	0	1	LCPL	6541	
	0	2	SGT	6541	9954
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	5			
H&HS MCAS New River, 02021					
USMC	0	1	LCPL	6541	
	0	2	SGT	6541	
	0	1	SSGT	6541	
	0	1	CPL	6541	9954
ACTIVITY TOTAL:	0	5			
H&MS MCAS Cherry Point, 02002					
USMC	0	4	LCPL	6541	
	0	4	CPL	6541	
	0	4	SGT	6541	
	0	3	SSGT	6541	
ACTIVITY TOTAL:	0	15			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
MALS 42 Rotary Wing, Marietta, 09513					
USMC	0	1	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	CPL	6541	
	0	1	GYSGT	6541	
	0	1	SGT	6541	
SMCR	0	1	GYSGT	6541	
	0	4	LCPL	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	12			
MALS 49 Rotary Wing, Fort Stewart, 55555					
USMC	0	2	LCPL	6541	
	0	1	SGT	6541	
	0	1	SSGT	6541	
AR	0	2	SSGT	6541	
SMCR	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	3	LCPL	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	12			
MALS Fixed Wing (East Coast), 00000					
USMC	0	18	CPL	6541	
	0	8	GYSGT	6541	
	0	40	LCPL	6541	
	0	14	SGT	6541	
	0	8	SSGT	6541	
ACTIVITY TOTAL:	0	88			
MALS Rotary Wing (East Coast), 00000					
USMC	0	2	CPL	6541	
	0	4	GYSGT	6541	
	0	10	LCPL	6541	
	0	2	SGT	6541	
	0	6	SSGT	6541	
ACTIVITY TOTAL:	0	24			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
Marine Corps Personnel, Department of the Navy, 00000					
USMC	0	2	CPL	6541	
	0	7	GYSGT	6541	
	0	2	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	13			
VMAT 203, Cherry Point, 45483					
USMC	0	1	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	5			
H&HS Futenma, Japan, 02601					
USMC	0	2	CPL	6541	
	0	1	GYSGT	6541	
	0	4	LCPL	6541	
	0	3	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	12			
H&HS Iwakuni, Japan, 02501					
USMC	0	1	CPL	6541	
	0	3	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	6			
H&HS MCAS Camp Pendleton, 02208					
USMC	0	2	CPL	6541	
	0	1	GYSGT	6541	
	0	2	LCPL	6541	
	0	1	SGT	6541	
	0	3	SSGT	6541	
ACTIVITY TOTAL:	0	9			
H&HS MCAS Miramar, 02201					
USMC	0	2	CPL	6541	
	0	2	GYSGT	6541	
	0	1	LCPL	6541	
	0	2	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	9			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
H&HS MCAS Yuma, 02230					
USMC	0	2	GYSGT	6541	
	0	7	LCPL	6541	
	0	4	SGT	6541	
	0	4	SSGT	6541	
	0	1	SSGT	6541	9954
ACTIVITY TOTAL:	0	18			
HMT 303 Camp Pendleton, 55176					
USMC	0	3	LCPL	6541	
	0	3	SGT	6541	
ACTIVITY TOTAL:	0	6			
MALS 24 Kaneohe Bay, 02300					
USMC	0	1	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
	0	1	SSGT	6541	
	0	2	CPL	6541	
ACTIVITY TOTAL:	0	6			
MALS 41 Fixed Wing, Fort Worth, 03007					
USMC	0	1	CPL	6541	
	0	2	GYSGT	6541	
	0	1	LCPL	6541	
	0	1	SGT	6541	
AR	0	1	GYSGT	6541	
	0	1	SGT	6541	
	0	2	SSGT	6541	
SMCR	0	7	CPL	6541	
	0	1	GYSGT	6541	
	0	20	LCPL	6541	
	0	5	SGT	6541	
	0	2	SSGT	6541	
ACTIVITY TOTAL:	0	44			
MALS Fixed Wing (West Coast), 00000					
USMC	0	27	CPL	6541	
	0	12	GYSGT	6541	
	0	60	LCPL	6541	
	0	21	SGT	6541	
	0	12	SSGT	6541	
ACTIVITY TOTAL:	0	132			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
MALS Rotary Wing (West Coast), 00000					
USMC	0	3	CPL	6541	
	0	6	GYSGT	6541	
	0	15	LCPL	6541	
	0	3	SGT	6541	
	0	9	SSGT	6541	
ACTIVITY TOTAL:	0	36			
Marine Aviation Detachment, China Lake, 06117					
USMC	0	1	GYSGT	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	2			
Marine Wing Site Support, Fort Worth, 03007					
USMC	0	1	GYSGT	6541	
	0	1	SGT	6541	
ACTIVITY TOTAL:	0	2			
MAWTS 1 Yuma, 55167					
USMC	0	1	GYSGT	6541	
	0	1	LCPL	6541	
ACTIVITY TOTAL:	0	2			
MCAF Kaneohe Bay, 02303					
USMC	0	5	LCPL	6541	
	0	1	SGT	6541	
	0	1	SSGT	6541	
ACTIVITY TOTAL:	0	7			
MCAGCC Twentynine Palms, 67399					
USMC	0	1	GYSGT	6541	
	0	6	LCPL	6541	
	0	1	SGT	6541	
AR	0	5	CPL	6541	
	0	7	LCPL	6541	
ACTIVITY TOTAL:	0	20			
VMAT 101 MCAS Miramar, 09965					
USMC	0	3	CPL	6541	
	0	6	LCPL	6541	
ACTIVITY TOTAL:	0	9			

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS		PFYs OFF	PFYs ENL	CFY03 OFF	CFY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL	FY07 OFF	FY07 ENL
USN OPERATIONAL ACTIVITIES - USMC														
SGT	6541			3		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - USMC														
CPL	6541			144		0		0		0		0		0
GYSGT	6541			8		0		0		0		0		0
LCPL	6541			203		0		0		0		0		0
SGT	6541			52		0		0		0		0		0
SSGT	6541			20		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - AR														
SGT	6541			25		0		0		0		0		0
SSGT	6541			4		0		0		0		0		0
CPL	6541			1		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - SMCR														
CPL	6541			4		0		0		0		0		0
GYSGT	6541			4		0		0		0		0		0
LCPL	6541			26		0		0		0		0		0
SGT	6541			3		0		0		0		0		0
USN FLEET SUPPORT ACTIVITIES - ACDU														
AOC	6801			115		0		0		0		0		0
AOC	6801	9502		5		0		0		0		0		0
AO1	6801			414		0		0		0		0		0
AO1	6801	0812		1		0		0		0		0		0
AO1	6801	9502		11		0		0		0		0		0
AO1	6801	9549		1		0		0		0		0		0
AO2	6801			473		0		0		4		0		0
AO2	6801	9502		2		0		0		0		0		0
AO2	6810	6801		0		0		0		0		0		0
AO3	6801			47		0		0		0		0		0
CPL	6541			2		0		0		0		0		0
GYSGT	6541			1		0		0		0		0		0
SGT	6541			2		0		0		0		0		0
SSGT	6541			1		0		0		0		0		0
USN FLEET SUPPORT ACTIVITIES - TAR														
AO2	6801			2		0		0		0		0		0
USN FLEET SUPPORT ACTIVITIES - SELRES														
AOC	6801			16		0		1		0		0		0
AO1	6801			23		0		2		0		0		0
AO2	6801			22		0		0		0		0		0

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS		PFYs OFF ENL	CFY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL	FY06 OFF ENL	FY07 OFF ENL
USMC FLEET SUPPORT ACTIVITIES - USMC								
CPL	6541		70	0	0	0	0	0
GYSGT	6541		52	0	0	0	0	0
LCPL	6541		172	0	0	0	0	0
SGT	6541		73	0	0	0	0	0
SGT	6541	9954	2	0	0	0	0	0
SSGT	6541		61	0	0	0	0	0
SSGT	6541	9954	1	0	0	0	0	0
CPL	6541	9954	1	0	0	0	0	0
USMC FLEET SUPPORT ACTIVITIES - AR								
CPL	6541		6	0	0	0	0	0
GYSGT	6541		2	0	0	0	0	0
LCPL	6541		7	0	0	0	0	0
SGT	6541		1	0	0	0	0	0
SSGT	6541		4	0	0	0	0	0
USMC FLEET SUPPORT ACTIVITIES - SMCR								
CPL	6541		8	0	0	0	0	0
GYSGT	6541		4	0	0	0	0	0
LCPL	6541		27	0	0	0	0	0
SGT	6541		5	0	0	0	0	0
SSGT	6541		5	0	0	0	0	0

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	PFYs ENL	CFY03 OFF	CFY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL	FY07 OFF	FY07 ENL
SUMMARY TOTALS:													
USN OPERATIONAL ACTIVITIES - USMC													
		3		0		0		0		0		0	
USMC OPERATIONAL ACTIVITIES - USMC													
		427		0		0		0		0		0	
USMC OPERATIONAL ACTIVITIES - AR													
		30		0		0		0		0		0	
USMC OPERATIONAL ACTIVITIES - SMCR													
		37		0		0		0		0		0	
USN FLEET SUPPORT ACTIVITIES - USMC													
		6		0		0		0		0		0	
		1069		0		0		0		0		0	
USN FLEET SUPPORT ACTIVITIES - TAR													
		2		0		0		0		0		0	
USN FLEET SUPPORT ACTIVITIES - SELRES													
		61		0		3		0		0		0	
USMC FLEET SUPPORT ACTIVITIES - USMC													
		432		0		0		0		0		0	
USMC FLEET SUPPORT ACTIVITIES - AR													
		20		0		0		0		0		0	
USMC FLEET SUPPORT ACTIVITIES - SMCR													
		49		0		0		0		0		0	

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	PFYs ENL	CFY03 OFF	CFY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL	FY07 OFF	FY07 ENL
GRAND TOTALS:													
USN - ACDU		1069	9	0	0	0	0	4	0	0	0	0	0
USN - TAR		2		0		0		0		0		0	
USN - SELRES		61		0		3		0		0		0	
USMC - USMC		859		0		0		0		0		0	
USMC - AR		50		0		0		0		0		0	
USMC - SMCR		86		0		0		0		0		0	

II.A.2.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY DEACTIVATION SCHEDULE

SOURCE OF SCHEDULE: NAVAIR 3.1.1 **DATE:** March 2002
SOURCE OF NAVY MANPOWER: Total Force Manpower Management System (TFMMS) **DATE:** June 2002

ACTIVITY, UIC	PFYs	CFY03	FY04	FY05	FY06	FY07
FLEET SUPPORT ACTIVITIES - USN						
CV 64 USS Constellation, 00364	0	1	0	0	0	0
TOTAL:	0	1	0	0	0	0

II.A.2.b. BILLETS TO BE DELETED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
FLEET SUPPORT ACTIVITIES - USN					
CV 64 USS Constellation, 00364, FY03 Increment					
ACDU	0	6	AOC	6801	
	0	10	AO1	6801	
ACTIVITY TOTAL:	0	16			

II.A.2.c. TOTAL BILLETS TO BE DELETED IN OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	PFYs ENL	CFY03 OFF	CFY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL	FY07 OFF	FY07 ENL
USN FLEET SUPPORT ACTIVITIES - ACDU													
AOC	6801		6		-6		0		0		0		0
AO1	6801		10		-10		0		0		0		0

SUMMARY TOTALS:

USN FLEET SUPPORT ACTIVITIES - ACDU													
			16		-16		0		0		0		0

GRAND TOTALS:

USN - ACDU													
			16		-16		0		0		0		0

II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	PFYs ENL	CFY03 OFF	CFY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL	FY07 OFF	FY07 ENL
TRAINING ACTIVITY, LOCATION, UIC: MTU 4030 NAMTRAGRU DET Mayport, 66069													
INSTRUCTOR BILLETS													
USN													
AOC	6801 9502	0	2	0	2	0	2	0	2	0	2	0	2
AO1	6801 9502	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:		0	4	0	4	0	4	0	4	0	4	0	4
TRAINING ACTIVITY, LOCATION, UIC: MTU 4032 NAMTRAU Norfolk, 66046													
INSTRUCTOR BILLETS													
USN													
AOC	6801 9502	0	1	0	1	0	1	0	1	0	1	0	1
AO1	6801 9502	0	3	0	3	0	3	0	3	0	3	0	3
TOTAL:		0	4	0	4	0	4	0	4	0	4	0	4
TRAINING ACTIVITY, LOCATION, UIC: MTU 4033 NAMTRAU North Island, 66065													
INSTRUCTOR BILLETS													
USN													
AO1	6801 9502	0	2	0	2	0	2	0	2	0	2	0	2
AO2	6801 9502	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:		0	4	0	4	0	4	0	4	0	4	0	4
TRAINING ACTIVITY, LOCATION, UIC: NAMTRA MARUNIT Cherry Point, 45483													
INSTRUCTOR BILLETS													
USMC													
SGT	6541	0	19	0	19	0	19	0	19	0	19	0	19
SSGT	6541	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:		0	21	0	21	0	21	0	21	0	21	0	21

II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	PFYs ENL	CFY03 OFF	CFY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL	FY07 OFF	FY07 ENL
TRAINING ACTIVITY, LOCATION, UIC: MTU 4035 NAMTRAU Whidbey Island, 66058													
INSTRUCTOR BILLETS													
USN													
AOC	6801 9502	0	1	0	1	0	1	0	1	0	1	0	1
AO1	6801 9502	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:		0	3	0	3	0	3	0	3	0	3	0	3

II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs OFF	PFYs ENL	CFY03 OFF	CFY03 ENL	FY04 OFF	FY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL	FY07 OFF	FY07 ENL
MTU 4030 NAMTRAGRU DET Mayport, 66069													
	USN	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
MTU 4032 NAMTRAU Norfolk, 66046													
	USN	0.0	16.2	0.0	16.3	0.0	16.7	0.0	16.5	0.0	16.5	0.0	16.5
NAMTRA MARUNIT Cherry Point, 45483													
	USMC	0.0	51.5	0.0	51.5	0.0	51.5	0.0	51.5	0.0	51.5	0.0	51.5
MTU 4033 NAMTRAU North Island, 66065													
	USN	0.0	1.4	0.0	11.4	0.0	11.0	0.0	11.0	0.0	11.0	0.0	11.0
MTU 4035 NAMTRAU, Whidbey Island, 66058													
	USN	0.0	4.9	0.0	4.9	0.0	4.9	0.0	4.9	0.0	4.9	0.0	4.9
SUMMARY TOTALS:													
	USN	0.0	34.5	0.0	34.6	0.0	34.6	0.0	34.4	0.0	34.4	0.0	34.4
	USMC	0.0	51.5	0.0	51.5	0.0	51.5	0.0	51.5	0.0	51.5	0.0	51.5
GRAND TOTALS:													
		0.0	86.0	0.0	86.1	0.0	86.1	0.0	85.9	0.0	85.9	0.0	85.9

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03 +/-	CFY03 CUM	FY04 +/-	FY04 CUM	FY05 +/-	FY05 CUM	FY06 +/-	FY06 CUM	FY07 +/-	FY07 CUM
a. OFFICER - USN	Not Applicable												
b. ENLISTED - USN													
Fleet Support Billets ACDU and TAR													
AOC	6801		115	-6	109	0	109	0	109	0	109	0	109
AOC	6801	9502	5	0	5	0	5	0	5	0	5	0	5
AO1	6801		414	-10	404	0	404	0	404	0	404	0	404
AO1	6801	0812	1	0	1	0	1	0	1	0	1	0	1
AO1	6801	9502	11	0	11	0	11	0	11	0	11	0	11
AO1	6801	9549	1	0	1	0	1	0	1	0	1	0	1
AO2	6801		475	0	475	0	479	4	479	0	479	0	479
AO2	6801	9502	2	0	2	0	2	0	2	0	2	0	2
AO3	6801		47	0	47	0	47	0	47	0	47	0	47
Staff Billets ACDU and TAR													
AOC	6801	9502	4	0	4	0	4	0	4	0	4	0	4
AO1	6801	9502	9	0	9	0	9	0	9	0	9	0	9
AO2	6801	9502	2	0	2	0	2	0	2	0	2	0	2
Chargeable Student Billets ACDU and TAR													
			35	0	35	0	35	0	35	0	35	0	35
SELRES Billets													
AOC	6801		166	2	18	0	18	0	18	0	18	0	18
AO1	6801		23	4	27	2	27	0	27	0	27	0	27
AO2	6801		22	0	22	0	22	0	22	0	22	0	22
TOTAL USN ENLISTED BILLETS:													
Fleet Support			1071	-16	1055	4	1059	0	1059	0	1059	0	1059
Staff			15	0	15	0	15	0	15	0	15	0	15
Chargeable Student			35	0	35	0	35	0	35	0	35	0	35
SELRES			61	6	67	0	67	0	67	0	67	0	67

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03 +/-	CFY03 CUM	FY04 +/-	FY04 CUM	FY05 +/-	FY05 CUM	FY06 +/-	FY06 CUM	FY07 +/-	FY07 CUM
c. OFFICER - USMC	Not Applicable												
d. ENLISTED - USMC													
Operational Billets USMC and AR													
CPL	6541		145	0	145	0	145	0	145	0	145	0	145
GYSGT	6541		8	0	8	0	8	0	8	0	8	0	8
LCPL	6541		203	0	203	0	203	0	203	0	203	0	203
SGT	6541		80	0	80	0	80	0	80	0	80	0	80
SSGT	6541		24	0	24	0	24	0	24	0	24	0	24
Fleet Support Billets USMC and AR													
CPL	6541		78	0	78	0	78	0	78	0	78	0	78
CPL	6541	9954	1	0	1	0	1	0	1	0	1	0	1
GYSGT	6541		55	0	55	0	55	0	55	0	55	0	55
LCPL	6541		179	0	179	0	179	0	179	0	179	0	179
SGT	6541		76	0	76	0	76	0	76	0	76	0	76
SGT	6541	9954	2	0	2	0	2	0	2	0	2	0	2
SSGT	6541		66	0	66	0	66	0	66	0	66	0	66
SSGT	6541	9954	1	0	1	0	1	0	1	0	1	0	1
Staff Billets USMC and AR													
SGT	6541		19	0	19	0	19	0	19	0	19	0	19
SSGT	6541		2	0	2	0	2	0	2	0	2	0	2
Chargeable Student Billets USMC and AR													
			52	0	52	0	52	0	52	0	52	0	521
SMCR Billets													
CPL	6541		12	0	12	0	12	0	12	0	12	0	12
GYSGT	6541		8	0	8	0	8	0	8	0	8	0	8
LCPL	6541		53	0	53	0	53	0	53	0	53	0	53
SGT	6541		8	0	8	0	8	0	8	0	8	0	8
SSGT	6541		5	0	5	0	5	0	5	0	5	0	5
TOTAL USMC ENLISTED BILLETS:													
Operational			460	0	460	0	460	0	460	0	460	0	460
Fleet Support			458	0	458	0	458	0	458	0	458	0	458
Staff			21	0	21	0	21	0	21	0	21	0	21
Chargeable Student			52	0	52	0	52	0	52	0	52	0	52
SMCR			86	0	86	0	86	0	86	0	86	0	86

II.B. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: D-646-7007, General Shipboard/NAS Weapons Department AVORD Maintenance
COURSE LENGTH: 6.6 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.12

TRAINING		ACDU/TAR	CFY03		FY04		FY05		FY06		FY07	
ACTIVITY	SOURCE	SELRES	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 4030 NAMTRAGRU DET Mayport												
	USN	ACDU		18		18		18		18		18
		SELRES		1		1		1		1		1
MTU 4032 NAMTRAU Norfolk												
	USN	ACDU		146		149		147		147		147
		SELRES		3		3		3		3		3
		TOTAL:		168		171		169		169		169

CIN, COURSE TITLE: E-646-7007, General Shipboard Weapons/NAS Weapons Department AVORD Maintenance
COURSE LENGTH: 6.6 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.12

TRAINING		ACDU/TAR	CFY03		FY04		FY05		FY06		FY07	
ACTIVITY	SOURCE	SELRES	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 4033 NAMTRAU North Island												
	USN	ACDU		104		101		101		101		101
		SELRES		1		1		1		1		1
MTU 4035 NAMTRAU Whidbey Island												
	USN	ACDU		44		44		44		44		44
		TAR		1		1		1		1		1
		TOTAL:		150		147		147		147		147

CIN, COURSE TITLE: M-646-7026, Aviation Ordnance Technician Intermediate Maintenance
COURSE LENGTH: 13Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 0% USMC: 0% **BACKOUT FACTOR:** 0.25

TRAINING		ACDU/TAR	CFY03		FY04		FY05		FY06		FY07	
ACTIVITY	SOURCE	SELRES	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
NAMTRA MARUNIT Cherry Point												
	USMC	USMC		206		206		206		206		206
		AR		10		10		10		10		10
		SMCR		8		8		8		8		8
		TOTAL:		224		224		224		224		224

PART III - TRAINING REQUIREMENTS

The following elements are not affected by the CMBRE and, therefore, are not included in Part III of this NTSP:

III.A.1. Initial Training Requirements

III.A.2. Follow-on Training

- III.A.2.b. Planned Courses
- III.A.2.c. Unique Courses

III.A.3. Existing Training Phased Out

III.A.2. FOLLOW-ON TRAINING

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: D-646-7007, General Shipboard/NAS Weapons Department AVORD Maintenance
TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET
LOCATION, UIC: Mayport, 66069

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	18		18		18		18		18	ATIR
	16		16		16		16		16	Output
	2.0		2.0		2.0		2.0		2.0	AOB
	2.0		2.0		2.0		2.0		2.0	Chargeable

SOURCE: USN **STUDENT CATEGORY:** SELRES

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.1		0.1		0.1		0.1		0.1	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

TRAINING ACTIVITY: MTU 4032 NAMTRAU
LOCATION, UIC: Norfolk, 66046

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	146		149		147		147		147	ATIR
	131		134		132		132		132	Output
	16.3		16.7		16.5		16.5		16.5	AOB
	16.3		16.7		16.5		16.5		16.5	Chargeable

SOURCE: USN **STUDENT CATEGORY:** SELRES

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	3		3		3		3		3	ATIR
	3		3		3		3		3	Output
	0.4		0.4		0.4		0.4		0.4	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: E-646-7007, General Shipboard Weapons/NAS Weapons Department AVORD Maintenance
TRAINING ACTIVITY: MTU 4033 NAMTRAU
LOCATION, UIC: North Island, 66065

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	104		101		101		101		101	ATIR
	94		91		91		91		91	Output
	11.4		11.0		11.0		11.0		11.0	AOB
	11.4		11.0		11.0		11.0		11.0	Chargeable

SOURCE: USN **STUDENT CATEGORY:** SELRES

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.1		0.1		0.1		0.1		0.1	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

TRAINING ACTIVITY: MTU 4035 NAMTRAU
LOCATION, UIC: Whidbey Island, 66058

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	45		45		45		45		45	ATIR
	40		40		40		40		40	Output
	4.9		4.9		4.9		4.9		4.9	AOB
	4.9		4.9		4.9		4.9		4.9	Chargeable

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: M-646-7026, Aviation Ordnance Technician Intermediate Maintenance
TRAINING ACTIVITY: NAMTRA MARUNIT
LOCATION, UIC: MCAS Cherry Point, 45483

SOURCE: USMC **STUDENT CATEGORY:** USMC - AR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	216		216		216		216		216	ATIR
	216		216		216		216		216	Output
	51.5		51.5		51.5		51.5		51.5	AOB
	51.5		51.5		51.5		51.5		51.5	Chargeable

SOURCE: USMC **STUDENT CATEGORY:** SMCR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	8		8		8		8		8	ATIR
	8		8		8		8		8	Output
	1.9		1.9		1.9		1.9		1.9	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

The following elements are not affected by the CMBRE and, therefore, are not included in Part IV of this NTSP:

IV.A. Training Hardware

IV.A.2. Training Devices

IV.B. Course Requirements

IV.B.1. Training Services

IV.C. Facility Requirements

IV.C.1. Facility Requirements Summary (Space/Support) by Activity

IV.C.2. Facility Requirements Detailed by Activity and Course

IV.C.3. Facility Project Summary by Program

Note 1: The new CMBRE course, AN/GYQ-79 Digital Computer Assembly Operation and Maintenance, C646-70XX, is being developed by NAMTRAGRU HQ. Upon completion, curricula materials and training aids will be distributed to all training sites.

IV.A. TRAINING HARDWARE

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track D-646-7007)
TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET
LOCATION, UIC: Mayport, 66069

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
001	AN/GYQ-79 Test Adapter Unit	1	Apr 02	GFE	Onboard
002	AN/GYQ-79 Electronic Control Panel	1	Apr 02	GFE	Onboard
003	AN/GYQ-79 Power Supply	1	Apr 02	GFE	Onboard
004	AN/GYQ-79 Processor	1	Apr 02	GFE	Onboard
005	AN/GYQ-79 Power Monitor	1	Apr 02	GFE	Onboard
006	AN/GYQ-79 Digital Computer System Assembly	1	Apr 02	GFE	Onboard
007	AN/GYQ-79 Disk Drive Unit	1	Apr 02	GFE	Onboard
008	AN/GYQ-79 Interface Cable	1	Apr 02	GFE	Onboard
009	AN/GYQ-79 Power Cable	1	Apr 02	GFE	Onboard

CIN, COURSE TITLE: C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track D-646-7007)
TRAINING ACTIVITY: MTU 4032 NAMTRAU
LOCATION, UIC: Norfolk, 66046

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
001	AN/GYQ-79 Test Adapter Unit	1	Apr 02	GFE	Onboard
002	AN/GYQ-79 Electronic Control Panel	1	Apr 02	GFE	Onboard
003	AN/GYQ-79 Power Supply	1	Apr 02	GFE	Onboard
004	AN/GYQ-79 Processor	1	Apr 02	GFE	Onboard
005	AN/GYQ-79 Power Monitor	1	Apr 02	GFE	Onboard
006	AN/GYQ-79 Digital Computer System Assembly	1	Apr 02	GFE	Onboard
007	AN/GYQ-79 Disk Drive Unit	1	Apr 02	GFE	Onboard
008	AN/GYQ-79 Interface Cable	1	Apr 02	GFE	Onboard
009	AN/GYQ-79 Power Cable	1	Apr 02	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track E-646-7007)
TRAINING ACTIVITY: MTU 4033 NAMTRAU
LOCATION, UIC: North Island, 66065

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
001	AN/GYQ-79 Test Adapter Unit	1	Apr 02	GFE	Onboard
002	AN/GYQ-79 Electronic Control Panel	1	Apr 02	GFE	Onboard
003	AN/GYQ-79 Power Supply	1	Apr 02	GFE	Onboard
004	AN/GYQ-79 Processor	1	Apr 02	GFE	Onboard
005	AN/GYQ-79 Power Monitor	1	Apr 02	GFE	Onboard
006	AN/GYQ-79 Digital Computer System Assembly	1	Apr 02	GFE	Onboard
007	AN/GYQ-79 Disk Drive Unit	1	Apr 02	GFE	Onboard
008	AN/GYQ-79 Interface Cable	1	Apr 02	GFE	Onboard
009	AN/GYQ-79 Power Cable	1	Apr 02	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track E-646-7007)
TRAINING ACTIVITY: MTU 4035 NAMTRAU
LOCATION, UIC: Whidbey Island, 66058

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
001	AN/GYQ-79 Test Adapter Unit	1	Apr 02	GFE	Onboard
002	AN/GYQ-79 Electronic Control Panel	1	Apr 02	GFE	Onboard
003	AN/GYQ-79 Power Supply	1	Apr 02	GFE	Onboard
004	AN/GYQ-79 Processor	1	Apr 02	GFE	Onboard
005	AN/GYQ-79 Power Monitor	1	Apr 02	GFE	Onboard
006	AN/GYQ-79 Digital Computer System Assembly	1	Apr 02	GFE	Onboard
007	AN/GYQ-79 Disk Drive Unit	1	Apr 02	GFE	Onboard
008	AN/GYQ-79 Interface Cable	1	Apr 02	GFE	Onboard
009	AN/GYQ-79 Power Cable	1	Apr 02	GFE	Onboard

CIN, COURSE TITLE: C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track M-646-7026)
TRAINING ACTIVITY: NAMTRA MARUNIT
LOCATION, UIC: MCAS Cherry Point, 45483

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
001	AN/GYQ-79 Test Adapter Unit	1	Apr 02	GFE	Onboard
002	AN/GYQ-79 Electronic Control Panel	1	Apr 02	GFE	Onboard
003	AN/GYQ-79 Power Supply	1	Apr 02	GFE	Onboard
004	AN/GYQ-79 Processor	1	Apr 02	GFE	Onboard
005	AN/GYQ-79 Power Monitor	1	Apr 02	GFE	Onboard
006	AN/GYQ-79 Digital Computer System Assembly	1	Apr 02	GFE	Onboard
007	AN/GYQ-79 Disk Drive Unit	1	Apr 02	GFE	Onboard
008	AN/GYQ-79 Interface Cable	1	Apr 02	GFE	Onboard
009	AN/GYQ-79 Power Cable	1	Apr 02	GFE	Onboard

IV.B COURSE REQUIREMENTS

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track D-646-7007)
TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET
LOCATION, UIC: Mayport, 66069

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guide	2	Apr 03	Pending
Student Guide	30	Apr 03	Pending
Student Tests	30	Apr 03	Pending
Wall Chart	2 Sets	Apr 03	Pending

CIN, COURSE TITLE: C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track D-646-7007)
TRAINING ACTIVITY: MTU 4032 NAMTRAU
LOCATION, UIC: Norfolk, 66046

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guide	2	Apr 03	Pending
Student Guide	30	Apr 03	Pending
Student Test	30	Apr 03	Pending
Wall Chart	2 Sets	Apr 03	Pending

CIN, COURSE TITLE: C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track E-646-7007)
TRAINING ACTIVITY: MTU 4033 NAMTRAU
LOCATION, UIC: North Island, 66065

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guide	2	Apr 03	Pending
Student Guide	30	Apr 03	Pending
Student Tests	30	Apr 03	Pending
Wall Chart	2 Sets	Apr 03	Pending

CIN, COURSE TITLE: C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track E-646-7007)
TRAINING ACTIVITY: MTU 4035 NAMTRAU
LOCATION, UIC: Whidbey Island, 66058

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guide	2	Apr 03	Pending
Student Guide	30	Apr 03	Pending
Student Tests	30	Apr 03	Pending
Wall Chart	2 Sets	Apr 03	Pending

CIN, COURSE TITLE: C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track M-646-7036)
TRAINING ACTIVITY: NAMTRA MARUNIT
LOCATION, UIC: MCAS Cherry Point, 45483

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Instructor Guide	2	Apr 03	Pending
Student Guide	30	Apr 03	Pending
Student Tests	30	Apr 03	Pending
Wall Chart	2 Sets	Apr 03	Pending

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track D-646-7007)
TRAINING ACTIVITY: MTU 4030 NAMTRAGRU DET
LOCATION, UIC: Mayport, 66069

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVAIR publication number not yet assigned CMBRE Maintenance and Programming Manual with Illustrated Parts Breakdown	Hard copy	1	Apr 02	Onboard

TRAINING ACTIVITY: MTU 4032 NAMTRAU
LOCATION, UIC: Norfolk, 66046

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVAIR publication number not yet assigned CMBRE Maintenance and Programming Manual with Illustrated Parts Breakdown	Hard copy	1	Apr 02	Onboard

TRAINING ACTIVITY: MTU 4033 NAMTRAU
LOCATION, UIC: North Island, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVAIR publication number not yet assigned CMBRE Maintenance and Programming Manual with Illustrated Parts Breakdown	Hard copy	1	Apr 02	Onboard

TRAINING ACTIVITY: MTU 4035 NAMTRAU
LOCATION, UIC: Whidbey Island, 66058

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVAIR publication number not yet assigned CMBRE Maintenance and Programming Manual with Illustrated Parts Breakdown	Hard copy	1	Apr 02	Onboard

CIN, COURSE TITLE: C-646-70XX, AN/GYQ-79 Digital Computer Assembly Operation And Maintenance (Track M-646-7026)
TRAINING ACTIVITY: NAMTRA MARUNIT
LOCATION, UIC: MCAS Cherry Point, 45483

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NAVAIR publication number not yet assigned CMBRE Maintenance and Programming Manual with Illustrated Parts Breakdown	Hard copy	1	Apr 02	Onboard

PART V - MPT MILESTONES

COG CODE	MPT MILESTONES	DATE	STATUS
PDA	Began Delivery of CMBRE	FY97	Completed
PDA	Conducted Initial Training	FY97	Completed
PDA	Conducted Munitions Compatibility Test	FY97	Completed
PDA	Conducted Shipboard Demonstration and Validation	FY97	Completed
PDA	Achieved IOC	FY98	Completed
TSA	Delivered Technical Publications to Training Sites	Apr 02	Completed
TSA	Delivered TTE	Apr 02	Completed
TA	Developed Draft NTSP	Sep 02	Completed
TA	Distribute Draft NTSP for Fleet Review	Nov 02	Completed
TA	Complete Development of Follow-on Training	Apr 03	Pending
TA	Deliver Curricula Materials for Follow-on Training	Apr 03	Pending
PDA	Complete Delivery of CMBRE	FY03	Pending
TA	Conduct Trial Follow-on Training	FY03	Pending
PDA	Achieve MSD	FY04	Pending
PDA	Achieve NSD	FY04	Pending
TA	Begin Follow-on Training	FY04	Pending

PART VI - DECISION ITEMS / ACTION REQUIRED

DECISION ITEM OR ACTION REQUIRED	COMMAND ACTION	DUE DATE	STATUS
No actions pending			

PART VII - POINTS OF CONTACT

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SUMMARY OF COMMENTS

ON THE

AN/GYQ-79 COMMON MUNITIONS BIT REPROGRAMMING EQUIPMENT

N88-NTSP-A-50-0124/D

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Date submitted: 21 January 2003

COMMENTS / RECOMMENDATIONS ON THE

ARAMENT WEAPONS SUPPORT EQUIPMENT

DRAFT NAVY TRAINING SYSTEM PLAN

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Naval Education and Training Command (NETC) 1

COMMENTS / RECOMMENDATIONS ON THE

AN/GYQ-79 COMMON MUNITIONS BIT REPROGRAMMING EQUIPMENTN88-NTSP-A-50-0124/D/D

ACTIVITY NAME: NETC

COMMENT: Level of technology. According to para. I. G.1.f the CBRE utilizes computers with INTEL 8048DX processors, and MS-DOS 6.22 operating system. In 2002, this is obsolete technology, without hardware or programming support today. Unless the weapons systems serviced are closed-loop to this level of technology, there is little opportunity for modernization.

INCORPORATED: NO

REMARKS: Level of Technology. We deal with the challenges of obsolete equipment on a daily basis. The CMBRE IPT has a plan to address future hardware and programming support.
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ACTIVITY NAME: NETC

COMMENT: According to para. I.K.1 all 146 CMBRE units are to be delivered by FY03. The bulk of CMBRE units are delivered between FY98 and FY02 (139 units). Why, with preponderance devices already in hand, are we addressing follow-on training (para.I.H.4.a) with a scheduled RFT in FY04? Apparently the Navy has been operating CMBRE since FY97. By this time in the acquisition cycle, formal training may be little value, since some form of training has evidently been in use for nearly six years.

INCORPORTED: NO

REMARKS: We address follow-on training because of the constant turnover of military personnel. Formal training is always of value to the new sailor/marine.

ACTIVITY NAME: NETC

COMMENT: Para. I.H.3.a estimates 4857 hours MTBF. Time to repair estimated at 30 minutes. With the utilization schedule as described in par. I.H.3.b, the equipment will be used approx 1080 hours per year. This is approximately 4.5 years operation between failures. Believe any formal maintenance training received, based on 4.5 –year application intervals to be useless. Recommend providing on-site operation and maintenance support via EPSS instead of the expense of formal training.

INCORPORATED: NO

REMARKS: Maintenance training is a good idea because you can have failures caused by mishandling, misuse, etc. The MTBF does not normally take into consideration personnel induced failures, only reliability of the equipment itself, if never abused! The use of EPSS is not a bad idea, in addition to formal training, but not in lieu of.

COMMENTS / RECOMMENDATIONS ON THE

AN/GYQ-79 COMMON MUNITIONS BIT REPROGRAMMING EQUIPMENTN88-NTSP-A-50-0124/D/D