

**DATA CALL 1: GENERAL INSTALLATION INFORMATION**

1. **ACTIVITY:** Follow example as provided in the table below (*delete the examples when providing your input*). If any of the questions have multiple responses, please provide all. If any of the information requested is subject to change between now and the end of Fiscal Year (FY) 1995 due to known redesignations, realignments/closures or other action, provide current and projected data and so annotate.

- Name

Official name	<i>Naval Ordnance Center, Pacific Division Fallbrook Detachment</i>
Acronym(s) used in correspondence	NAVORDCEN PACDIV DET FALLBROOK
Commonly accepted short title(s)	Fallbrook Detachment

- Complete Mailing Address

Officer in Charge  
Naval Ordnance Center, Pacific Division  
Fallbrook Detachment  
700 Ammunition Road  
Fallbrook, CA 92028-3187

- PLAD: NAVORDCEN PACDIV DET FALLBROOK CA

- PRIMARY UIC: N00396 (Plant Account UIC for Plant Account Holders)

Enter this number as the Activity identifier at the top of each Data Call response page.

- ALL OTHER UIC(s): N47618 PURPOSE: NON-NIF SECURITY  
\_\_\_\_\_  
\_\_\_\_\_

UIC: N00396

2. PLANT ACCOUNT HOLDER:

• Yes ☐ No ☒ (check one)

3. **ACTIVITY TYPE:** Choose most appropriate type that describes your activity and completely answer all questions.

- **HOST COMMAND:** A host command is an activity that provides facilities for its own functions and the functions of other (tenant) activities. A host has accountability for Class 1 (land), and/or Class 2 (buildings, structures, and utilities) property, regardless of occupancy. It can also be a tenant at other host activities.

• Yes ☐ No ☒ (check one)

- **TENANT COMMAND:** A tenant command is an activity or unit that occupies facilities for which another activity (i.e., the host) has accountability. A tenant may have several hosts, although one is usually designated its primary host. If answer is "Yes," provide best known information for your primary host only.

• Yes ☒ No ☐ (check one)

- Primary Host (current) UIC: N60701
- Primary Host (as of 01 Oct 1995) UIC: N00396
- Primary Host (as of 01 Oct 2001) UIC: N00396

- Fallbrook is no longer an annex of Seal Beach (OPNAVNOTE 5450 of 14 Oct 93). Plant account records will be adjusted to make them their own host.

- **INDEPENDENT ACTIVITY:** For the purposes of this Data Call, this is the "catch-all" designator, and is defined as any activity not previously identified as a host or a tenant. The activity may occupy owned or leased space. Government Owned/Contractor Operated facilities should be included in this designation if not covered elsewhere.

• Yes ☐ No ☒ (check one)

4. **SPECIAL AREAS:** List all Special Areas. Special Areas are defined as Class 1/Class 2 property for which your command has responsibility that is not located on or contiguous to main complex.

Name	Location	UIC
NA		

UIC: N00396

5. DETACHMENTS: If your activity has detachments at other locations, please list them in the table below.

Name	UIC	Location	Host name	Host UIC
NA				

6. BRAC IMPACT: Were you affected by previous Base Closure and Realignment decisions (BRAC-88, -91, and/or -93)? If so, please provide a brief narrative.

NA



7. **MISSION:** Do not simply report the standard mission statement. Instead, describe important functions in a bulletized format. Include anticipated mission changes and brief narrative explanation of change; also indicate if any current/projected mission changes are a result of previous BRAC-88, -91, -93 action(s).

Current Missions

- Primary receipt, storage, segregation, and issue activity for Marine Corps air/ground arms, ammunition and explosives and Navy air-launched weapons.
- Renovation of arms, ammunition and explosives.
- Perform combat systems assessment and engineering lifecycle management of Marine Corps material for Marine Corps Systems Command (MARCORSYSCOM); which
  - Optimizes life cycle management by performing Reliability, Availability, Maintainability and Quality (RAM-Q) analysis for Marine Corps systems.
  - Improves systems readiness and effectiveness by conducting studies, analysis, research, modeling and development of requirements.
  - Serves as the Marine Corps technical authority for combat systems.
  - Results in engineering and statistical analysis of Marine Corps combat material, systems and subsystems.
  - Provides technical, quality and logistics support in the areas of ammunition, ordnance, and surface missile system components.
- Coordinate and oversee the training and utilization of assigned Naval Reserve units and civilian personnel involved in ammunition or explosive cargo handling by providing facilities, technical supervision and administrative processing and guidance.

Projected Missions for FY 2001

- Perform combat systems assessment and engineering life cycle management relating to new Marine Corps systems.
- Ongoing expansion of ammunition magazines and production facilities will increase capability to store and maintain future multi-service ammunition and weapons systems requirements, (i.e., Advanced Medium Range Air to Air Missile).

8. UNIQUE MISSIONS: Describe any missions which are unique or relatively unique to the activity. Include information on projected changes. Indicate if your command has any National Command Authority or classified mission responsibilities.

Current Unique Missions

- Only West Coast maintenance, storage, and issue activity for Navy and Marine Corps air-launched missiles.
- Mobile missile team conducts global, multi-service, air-launched missile maintenance.
- Only West Coast logistics coordinator for configuring Landing Force Operational Reserve Material (LFORM) ammunition for delivery to the Marine Corps Pacific Fleet amphibious forces.
- Combat systems assessment and engineering lifecycle management is conducted in immediate proximity to Marine Corps weapons systems located onboard Marine Corps Base, Camp Pendleton.
- Only weapons station actively conducting major shore-to-ship ammunition on/off loads of AE, AGF, AOE, CV, CVN, LHA, LHD, LPH, and LPD Class Ships via vertical replenishment helicopter operations.
- Due to contiguous border with Marine Corps Base, Camp Pendleton, NAVORDCEN PACDIV, Fallbrook Det is the only storage site for First Marine Expeditionary Force's (IMEF) air contingency ammunition packages which must be ready for immediate air shipment in the event of a crisis to meet worldwide forward deployed, power projection, operational commitments.

- NAVORDCEN PACDIV, Fallbrook Det, provides significant training ammunition support for major West Coast Marine Corps operational commands.

- NAVORDCEN PACDIV, Fallbrook Det provides significant operational evaluation of Marine Corps weapons stations.

- NAVORDCEN PACDIV, Fallbrook Det conducts operational testing of Marine Corps ammunition and weapons systems at local firing ranges (Marine Corps Base, Camp Pendleton, Marine Corps Air, Ground Combat Center, Yuma Proving Grounds, etc.).

Projected Unique Missions for FY 2001

- Expand utilization of hovercraft and landing craft in on/offloading of ammunition directly to Pacific Fleet amphibious ships.

- Mission is unique due to close proximity of:

- (1) Fallbrook magazines adjacent to Camp Pendleton
- (2) Camp Pendleton shoreline with explosive certified beach
- (3) Hovercraft located on Camp Pendleton
- (4) Two-thirds of Pacific Fleet in San Diego

- Mission will maximize efficiency of Southern California ordnance logistics and minimize danger to public due to ordnance never leaving government property.

- Marine Corps Programs Department can conduct combat systems assessment and engineering lifecycle management of future systems by taking advantage of Fallbrook's immediate proximity to Marine Corps Weapons Systems located aboard Marine Corps Base, Camp Pendleton.

•As a result of downsizing, base closures (Naval Shipyard Mare Island, Naval Station Long Beach, MCAS El Toro, etc.) and worldwide consolidation, military assets are relocating to remaining strategic sites in CONUS. San Diego county area is projected to be the continued location for a major concentration of these assets. NAVORDCEN PACDIV, Fallbrook Det is a significant resource and focal point (within 50 miles) to provide operational ammunition support to local operational commands, including:

- IMEF
- 3RD Fleet
- Naval Logistics Command, San Diego
- MCB Camp Pendleton
- NAS Miramar (El Toro)

•NAVORDCEN PACDIV, Fallbrook Det and Camp Pendleton provide sanctuary for endangered species and one of the last remaining protected environmental habitats in southern California.

9. IMMEDIATE SUPERIOR IN COMMAND (ISIC): Identify your ISIC. If your ISIC is not your funding source, please identify that source in addition to the operational ISIC.

• Operational name	UIC
<u>Naval Ordnance Center, Pacific Division</u>	<u>N68968</u>
• Funding Source	UIC
<u>DBOF</u>	<u>Multiple</u>

10. PERSONNEL NUMBERS: Host activities are responsible for totalling the personnel numbers for all of their tenant commands, even if the tenant command has been asked to separately report the data. The tenant totals here should match the total tally for the tenant listing provided subsequently in this Data Call (see Tenant Activity list). (Civilian count shall include Appropriated Fund personnel only.)

On Board Count as of 01 January 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	3	68	283
• Reporting Reserves	5	44	
• Tenants (w/o reserves)	0	0	3
• Drilling Reserves	6	53	
• Tenants (Total)	6	53	3

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	3	82	280
• Reporting Reserves	2	38	
• Tenants (w/o reserves)	0	0	3
• Drilling Reserves	3	47	
• Tenants (Total)	3	47	3

11. KEY POINTS OF CONTACT (POC): Provide the work, FAX, and home telephone numbers for the Commanding Officer or OIC, and the Duty Officer. Include area code(s). You may provide other key POCs if so desired in addition to those above.

<u>Title/Name</u>	<u>Office</u>	<u>Fax</u>	<u>Home</u>
• CO/OIC			
OIC - LCDR C. A. Simon	(619)731-3609	(619)731-3622	(619)731-
9311	DSN 873-3609	DSN 873-3622	
• Duty Office	(619)731-3696	(619)731-3633	[ N/A ]
	DSN 873-3696	DSN 873-3633	
• _____			
• _____			

12. **TENANT ACTIVITY LIST:** This list must be all-inclusive. Tenant activities are to ensure that their host is aware of their existence and any "subleasing" of space. This list should include the name and UIC(s) of all organizations, shore commands and homeported units, active or reserve, DOD or non-DOD (include commercial entities). The tenant listing should be reported in the format provide below, listed in numerical order by UIC, separated into the categories listed below. Host activities are responsible for including authorized personnel numbers, on board as of **30 September 1994**, for all tenants, even if those tenants have also been asked to provide this information on a separate Data Call. (Civilian count shall include Appropriated Fund personnel only.)

• Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
Navy Exchange Branch		0	0	0
Naval Reserve, NWS Seal Beach	87227	0	0	0
Unit 519				
NAWC Det Pt. Mugu	48057		0	3

• Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
N/A				

• Tenants residing in Special Areas (Special Areas are defined as real estate owned by host command not contiguous with main complex; e.g. outlying fields).

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
NA					

• Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
NA					

13. **REGIONAL SUPPORT:** Identify your relationship with other activities, not reported as a host/tenant, for which you provide support. Again, this list should be all-inclusive. The intent of this question is capture the full breadth of the mission of your command and your customer/supplier relationships. Include in your answer any Government Owned/Contractor Operated facilities for which you provide administrative oversight and control.

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)
<i>San Diego State University</i>	<i>San Diego, CA</i>	<i>Providing radiotelescope site - ISSA</i>
<i>MCB Camp Pendleton</i>	<i>Camp Pendleton, CA</i>	<i>Mutual support rail operation - ISSA</i>
<i>NAD North Island</i>	<i>San Diego, CA</i>	<i>Space for trailers - ISSA</i>

14. **FACILITY MAPS:** This is a primary responsibility of the plant account holders/host commands. Tenant activities are not required to comply with submission if it is known that your host activity has complied with the request. Maps and photos should not be dated earlier than 01 January 1991, unless annotated that no changes have taken place. Any recent changes should be annotated on the appropriate map or photo. Date and label all copies.

- **Local Area Map.** This map should encompass, at a minimum, a 50 mile radius of your activity. Indicate the name and location of all DoD activities within this area, whether or not you support that activity. Map should also provide the geographical relationship to the major civilian communities within this radius. (Provide 12 copies.)
- **Installation Map / Activity Map / Base Map / General Development Map / Site Map.** Provide the most current map of your activity, clearly showing all the land under ownership/control of your activity, whether owned or leased. Include all outlying areas, special areas, and housing. Indicate date of last update. Map should show all structures (numbered with a legend, if available) and all significant restrictive use areas/zones that encumber further development such as HERO, HERP, HERF, ESQD arcs, agricultural/forestry programs, environmental restrictions (e.g., endangered species). (Provide in two sizes: 36"x 42" (2 copies, if available); and 11"x 17" (12 copies).)
- **Aerial photo(s).** Aerial shots should show all base use areas (both land and water) as well

as any local encroachment sites/issues. You should ensure that these photos provide a good look at the areas identified on your Base Map as areas of concern/interest - remember, a picture tells a thousand words. Again, date and label all copies. (Provide 12 copies of each, 8½"x 11".)

- Air Installations Compatible Use Zones (AICUZ) Map. (Provide 12 copies.)

ALL DATA REQUESTED IN THIS SECTION (EXCEPT AICUZ MAP - NA)  
ARE ATTACHED.

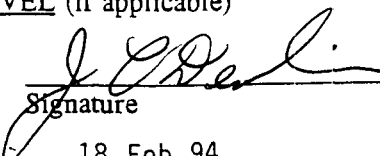


I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

J. C. DEVLIN  
NAME (Please type or print)  
COMMANDER  
Title

Naval Ordnance Center, Pacific Division  
Activity

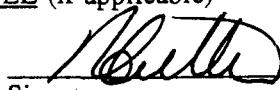
  
Signature  
18 Feb 94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

R. SUTTON, RADM, USN  
NAME (Please type or print)  
COMMANDER  
Title

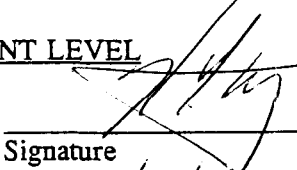
NAVAL ORDNANCE CENTER  
Activity

  
Signature  
23 FEB 94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

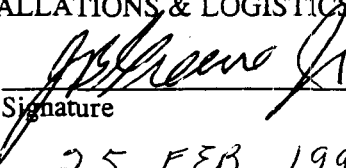
K. P. Malley  
NAME (Please type or print)  
Commander  
Title  
Naval Sea Systems Command  
Activity

  
Signature  
2/24/94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

J. B. Greene, Jr.  
NAME (Please type or print)  
Acting  
Title

  
Signature  
25 FEB 1994  
Date

## BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

### ACTIVITY COMMANDER

JOSEPH M. MANDICHAK

NAME (Please type or print)

  
Signature

OFFICER IN CHARGE (ACTING)

Title

18 FEB 94  
Date

NAVORDCEN PACDIV FALLBROOK DET

Activity

26 June 1994

**DATA CALL WORK SHEET FOR MILITARY VALUE ANALYSIS**  
**NAVAL WEAPONS STATIONS, NAVAL MAGAZINES,**  
**AND STRATEGIC WEAPONS FACILITIES**

***Questions for the Activities***

Category	.....	<b>Industrial Activities</b>
Type	.....	<b>Naval Weapon Stations,</b>
	.....	<b>Naval Magazines, and</b>
	.....	<b>Strategic Missile Facilities</b>
Claimants	.....	<b>COMNAVSEASYS COM (Naval Weapon Stations)</b>
	.....	<b>CINCPACFLT (Naval Magazines)</b>
	.....	<b>DIRSSP (Strategic Weapons Facilities)</b>

Notes: In the context of this data Call:

1. Base your responses for FY 1994 and previous years on executed workload, and for FY 1995 and subsequent years on workload as programmed in the FY 1995 Budget Submission and POM-96. Unless otherwise specified, use workload mixes as programmed. In estimating projected workload capabilities, use the activity configuration as of completion of the BRAC-88/91/93 actions.
2. Unless otherwise specified, for questions addressing maximum workload within this Data Call, base your response on an eight hour day/five day normal work week (1-8-5). Please identify any processes which, under normal operations, operate on a different schedule.
3. For purposes of this Data Call, Depot maintenance is regarded as the maintenance performed on material that requires major overhaul or a complete rebuild of parts, assemblies, subassemblies, and end items, including the manufacture of parts, modifications, testing, and reclamation, as required. Depot maintenance serves to support lower categories of maintenance. Depot maintenance provides stocks of serviceable equipment by using more extensive facilities for repair than are available in lower level maintenance activities. Depot or indirect maintenance functions are identified by the type of equipment maintained or repaired.
4. Report all workload performed, clearly identifying origin of all non-DON workload.

**If any responses are classified, so annotate the applicable question and include those responses in a separate classified annex.**

This document has been prepared in WordPerfect 5.1/5.2.

**DATA CALL WORK SHEET FOR MILITARY VALUE ANALYSIS  
NAVAL WEAPONS STATIONS, NAVAL MAGAZINES,  
AND STRATEGIC WEAPONS FACILITIES**

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# Table of Acronyms

\$	Dollars		
%	Percent		
#	Number	N / A	Not Applicable
		NAVMAG	Naval Magazine
ACT	American College Test	NCIS	Naval Criminal Investigative Service
AOB	Average on Board		
ARC	Alcohol Rehabilitation Center	NEW	Net Explosive Weight
BAQ	Basic Allowance for Quarters	OOS	Out Of Service
BEQ	Bachelor Enlisted Quarters	ORD	Ordnance
BOQ	Bachelor Officers Quarters	ORDCEN	Ordnance Center
CAD/CAM	Computer Aided Design / Computer Aided Manufacturing	PACDIV	Pacific Division
CCN	Category Code Number	PN	Number of Personnel accommodated
DLMY	Direct Labor Man Year	POM	Program Objectives Memorandum
DM	Depot Maintenance		
DoD	Department Of Defense	Qtr	Quarter
DoDDS	Department of Defense Dependents Schools	RSSI	Receipt, Segregation, Stowage and Issue
DON	Department of the Navy	SAT	Scholastic Aptitude Test
ESQD	Explosive Safety Quantity Distance	SF	Square Feet
FMS	Foreign Military Sales	SOP	Standard Operating Procedures
FSC	Family Service Center	SWF	Strategic Weapons Facility
FY	Fiscal Year	TY	Then Year
FYDP	Future Years Defense Plan	UIC	Unit Identification Code
HE	High Explosive	VHA	Variable Housing Allowance
HERO	Hazardous Electronic Radiation - Ordnance	W/O	Without
HS	High School	WPNSTA	Weapons Station
IM	Intermediate Maintenance	WY	Work Years
IPE	Industrial Plant Equipment		
ISE	In Service Engineering		
ITT	Information, Tickets and Tours		
JCSG-DM	Joint Cross Service Group - Depot Maintenance		
KSF	Thousands of Square Feet		
LF	Linear Feet		
MH	Man Hours		
MLS	Multiple Listing Service		

**DATA CALL WORK SHEET FOR MILITARY VALUE ANALYSIS****NAVAL WEAPONS STATIONS, NAVAL MAGAZINES,  
AND STRATEGIC WEAPONS FACILITIES**

Primary Activity UIC:

(Use this number as Activity identification at the top of each page.)

Mission Area

**1 Ordnance Storage**

1.1 How much (in tons and square feet (SF)) of approved explosive ordnance (magazine) storage exists at the facility?

Table 1.1: **Ordnance Storage**

	Present Storage		FY 2001	
	SF	Tons	SF	Tons
Total Storage	544,035	25,757.5	573,981	26,897.5

1.2 What fraction of the available storage is in use and projected to be in use for the years indicated? (Note: Retain consistency with NAVSEAINST 8024.2, which indicates that 80% of the square feet in a magazine is effectively 100% full because of access and handling factors.)

Table 1.2: **Fraction of Storage in Use**

Ordnance Category	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1999	FY 2001
LOE	N/A	N/A	N/A	83%	89%	95%	100%	100%	100%
Threat	N/A	N/A	N/A	100%	100%	100%	100%	100%	100%
Nuclear	N/A	N/A	N/A	-	-	-	-	-	-
Other	N/A	N/A	N/A	-	-	-	-	-	-
Total	N/A	N/A	N/A	85%	90%	95%	100%	100%	100%

## NOTES:

N/A NAVORDCEN Fallbrook Detachment was part of NWS Seal Beach (N060701) until November 1993. Inventory data was not kept by site and is therefore not available.

**1      Ordnance Storage, continued**

1.3      Identify any specialized, unique or peculiar characteristics about your facilities, equipment, or skills at your activity to provide for ordnance storage? Highlight those that are "one of a kind" within the DON/DoD.

- The only west coast site to store Prepositioned War Reserves and provide Landing Force Operational Readiness Munitions (LFORM) for the Marine Corp which are utilized during the first 45 days of conflict.
- Due to location are able to quickly support I-Marine Expeditionary Force (IMEF) with expendable ordnance used in training exercises at Camp Pendleton
- Approximately 7,000 acres available for ordnance storage expansion.
- 190 magazines, including 8 Type F missile magazines (2 of which will be available in Feb 95) for storing larger air and surface launched missile systems.
- Total capability of storing over 53,000 K lbs of 1.1 class 1 Division 1 ammunition.
- Ordnance can be VERTREPED directly onto Aircraft Carriers, Amphibious ships, and Ordnance ships (top offs) without utilizing public highways or thoroughfares.
- It is bordered on three sides by Camp Pendleton and has no encroachment concerns.
- Repository for Vietnam era NAPALM - 35,000 canisters

1.4      What percent of your total ordnance storage is performed for DON?

DON storage provided =    99    %

1.5      What percent of your total ordnance storage is performed for commercial manufacturers, other Military Departments, or other DoD agencies? List these customers and percent utilization.

FMS effort =    1.0    %

Commercial effort =    0    %

Other Military Departments (Army) =    0    %

Other Military Department (Air Force) =    0    %

Other DoD Agencies (specify) =    0    %

## Mission Area

## 2. Ordnance Outload Facility

2.1 What type of ordnance pierside outload facility (container, bulk/breakbulk or specialized) does the station, magazine, or facility operate and what type of vessel can be accommodated? In the table below mark with an "X" those operations at your facility. If your facility accommodates other vessels at anchorage, please note below.

Table 2.1: Outload Characteristics

	Container	Bulk/Break Bulk	Specialized
Amphibious		X <sup>(1)</sup>	
Combatant			
CV/CVN			X <sup>(1)</sup>
Submarines			
CLF		X <sup>(2)</sup>	
Other Break Bulk			
Container Ship			
Other			
NOTES: (1) These ships are outloaded at anchorage via VERTREP operations (2) Can top off AEs and AOE's with ammunition via VERTREP			

2.2 What is the daily (single shift) throughput capacity of the facility in tons for each of the three major types of naval ordnance, i.e. LOE, Threat, Strategic? If your function measures throughput using another unit of measure, provide data in terms of tons in first and your unit of measure in a separate table (specify unit of measure).

Table 2.2: Maximum Daily Throughput

Ordnance Categories	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
LOE	182	182	182	182	182	182	182	182
Threat	78	78	78	78	78	78	78	78
Strategic	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total	260	260	260	260	260	260	260	260
NOTE: Maximum tonnage of each type of ordnance may vary depending on type of ship to be loaded but total tonnage maximum is 325.								



**2. Ordnance Outload Facility, continued**

2.3 Identify any specialized, unique or peculiar characteristics about your facilities, equipment, or skills at your activity to attain the above throughput? Specify those that are one of a kind within the DON/DoD.

- Fallbrook is the only activity currently performing major VERTREP operations for DON units.
- Located only 70 miles and four hours commuting time from the major Pacific Navy operationing base in San Diego.
- Close proximity to Type Commanders (COMNAVAIRPAC/COMNAVSURFPAC) facilitates ease of scheduling and coordinating VERTREP operations.
- Ordnance never crosses public land or traffic routes when being unloaded or offloaded by vertical replenishment

2.4 At the maximum throughput levels documented above, and considering explosive quantity-distance constraints, how many ships by type (AEs/AOEs, Containerships, MSNAP breakbulk ships, etc.) can be berthed at your outload facility at one time (optimal configuration)?

Table 2.4: **Maximum Outload by Ship Type**

Type Ship	Maximum Number
CVN/LHD	2

NOTE: Limitation is not on berthing (since ships are underway or at anchorage) but the staging and lefting of ammunition from the Fallbrook helo pad.

ACTIVITY: NAVORDCEN PACDIV Fallbrook Det -- 00396

2.5 If surface combatants and/or submarines outload at your facility, how many of each type can be loaded at one time (optimal configuration)?

Optimal Configuration = 0

2.6 If the maximum throughput levels documented above were based on a combination of combatants and other vessels, identify the mix that provides for the maximum outload capability.

Maximum Outload Capability Vessel Mix = 1 CVN  
1 LHD

**2. Ordnance Outload Facility, continued**

2.7 Identify the number of vessels by type, out/downloaded by your activity in the period request (i.e. each trip to the pier = "1").

Table 2.7: **Outload History (Vertrep)**

Vessel Type	FY 1991	FY 1992	FY 1993
Amphibious	2	13	5
Combatant	0	0	0
CV/CVN	2	3	2
Submarines	0	0	0
CLF	0	0	0
Other Break Bulk	0	0	0
Container Ship	0	0	0
Other	0	0	0
Total:	4	16	7

2.8 What is the maximum daily (single shift) throughput capability at your facility, measured in *tons* as a function of ship type? Provide comments if the maximum throughput by ship type would be reduced if multiple ships are being accommodated simultaneously. Utilize the optimal configuration provided previously to indicate any impact of simultaneous operations.

Table 2.8: **Outload History**

Vessel Type	FY 1993	FY 1997	Comments
Amphibious	170	170	
Combatant	0	0	
CV/CVN	90	90	
Submarines	0	0	
CLF	0	0	

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Vessel Type	FY 1993	FY 1997	Comments
Other Break Bulk	0	0	
Container Ship	0	0	
Other	0	0	
Total:	260	260	

(R)

## Mission Area

**3. Ammunition and Ordnance Maintenance and Testing/Repair and Rework**

3.1 In the tables below identify the intermediate level maintenance and testing performed/programmed at your activity in number of units and Direct Labor Man Years(DLMY).

Table 3.1.a: **Maintenance and Testing Performance (Units)**

Ammunition/ Ordnance Type	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Mines	0	0	0	0	0	0	0	0
Torpedoes	0	0	0	0	0	0	0	0
Air Launched Threat	3661	3186	3088	3302	3020	2705	2863	1681
Surface Launched Threat	0	0	224	194	468	226	338	199
LOE	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total	3661	3186	3312	3496	3488	2931	3201	1880

3. **Ammunition and Ordnance Maintenance and Testing/Repair and Rework, continued**

Table 3.1.b: Maintenance and Testing Performance (DLMYs)

(CR#

Ammunition/ Ordnance Type	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Mines	0	0	0	0	0	0	0	0
Torpedoes	0	0	0	0	0	0	0	0
Air Launched Threat	59.0	45.0	65.0	55.0	71.0	42.0	44.0	45.0
Surface Launched Threat	0	0	1.4	1.8	3.5	2.3	3.3	2.8
LOE	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total	59.0	45.0	66.4	56.8	74.5	44.3	47.3	47.8
NOTE: Assumes 1746 Hrs per workyear								

\* ADDED "0" in Blacks No DATA CHANGED

3.2 Identify any specialized, unique or peculiar characteristics about your facilities, equipment, or skills at your activity to perform the above work? Highlight those that are one of a kind within the DON/DoD.

- Multi skilled labor force with an average of 15 years experience
- Home of the only Mobile missile team which conducts global multi-service air launched missile maintenance. This function is unique to DoN/DoD
- Close proximity to Pacific Fleet homeport in San Diego
- Capability of inducting missile workload into maintenance facility straight from Fleet during VERTREP operations saving money and reducing the missile maintenance pipeline. Also increased safety and security due to the fact missiles never leave government property.
- Teaming with private industries to maintain and retrofit PHOENIX, HARM, and MAVERICK missiles
- Availability of over 110,000 sf of production space and 9 missile test cells for testing of air launched missiles

ACTIVITY: NAVORDCEN PACDIV Fallbrook Det -- 00396

- Only West Coast shore station with test sets currently installed for testing Navy and Joint Service air launched missiles

**3. Ammunition and Ordnance Maintenance and Testing/Repair and Rework, continued**

3.3 What percent of your total maintenance and testing effort on ordnance is performed for: FMS, commercial manufacturers, other Military Departments, or other DoD agencies?

FMS effort = 3.0 %

Commercial effort = 10.0 %

Other Military Departments (Army) = 0 %

Other Military Department (Air Force) = 2 %

Other DoD Agencies (specify) = %

3.4 Identify in the table below the DLMYs expended in the RSSI process that are related to the rework and repair of ordnance (these hours should not be duplicated in Table 3.1 above).

Table 3.4: Rework and Repair Performance (DLMYs)

CR \*

Ammunition/ Ordnance Type	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Mines	0	0	0	0	0	0	0	0
Torpedoes	0	0	0	0	0	0	0	0
Air Launched Threat	4.7	4.4	5.8	4.6	5.2	4.4	4.6	4.6
Surface Launched Threat	0	0	0.5	0.3	0.6	0.6	1.0	0.9
LOE	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total	4.7	4.4	6.3	4.9	5.8	5.0	5.6	5.5

\* ADDED "0" in BLUES

**3. Ammunition and Ordnance Maintenance and Testing/Repair and Rework, continued**

3.5 Specify in the table below the type of depot maintenance performed/programmed on ordnance in DLMYs for the years requested.

**Table 3.5: Level of Depot Maintenance**

Type of Depot Maintenance	FY 1993	FY 1997
None		



## Mission Area

**4. Packaging and Handling Equipment**

4.1 For each type of packaging or handling equipment designed/manufactured and/or maintained/repared identify the number of DLMYs associated with that function.

Table 4.1: **Packaging and Handling Workload**

Packaging / Handling Equipment Type	Design/Manufacturing				Maintenance/Repair			
	FY 1991	FY 1993	FY 1995	FY 1997	FY 1991	FY 1993	FY 1995	FY 1997
None								

4.2 Identify any specialized, unique or peculiar characteristics about the facilities, equipment, or skills at your activity to perform the above work? Highlight those that are one of a kind within the DON/DoD.

N/A

4.3 What percent of the above work is performed for FMS, other Military Departments, commercial manufacturers, or other DOD agencies?

FMS effort = 0 %

Commercial effort = 0 %

Other Military Departments (Army) = 0 %

Other Military Department (Air Force) = 0 %

Other DoD Agencies (specify) = 0 %

## Mission Area

**5. Tactical and Strategic Nuclear Weapon Support**

5.1 How many workyears are employed for strategic weapon support at your facility? How many workyears are planned for strategic weapon support through FY 1997?

Table 5.1: Tactical and Strategic Nuclear Weapon Support

Weapon System	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Tactical Nuclear	11.0	11.0	11.0	11.0	0.0	0.0	0.0	0.0

5.2 Identify any specialized, unique or peculiar characteristics about the facilities, equipment, or skills at your activity to perform the support work for the strategic weapon systems? Highlight those that are one of a kind within the DON/DoD.

- Although not currently tasked, the organization retains the skills necessary to perform stockpile-to-target evaluation and reliability assessment of Navy Nuclear Weapons systems under the Quality Assurance Service Test (QAST) program.

5.3 What alternatives exist for providing the support services e.g. another Navy activity, DoD agency, etc.? Explain.

- Naval Air Warfare Center, Weapons Division, China Lake, CA- Albuquerque, New Mexico Detachment

## Mission Area

**6. Combat System Support**

6.1 What combat systems or sub-systems are maintained at the weapon station/magazine/facility? What combat systems or sub-systems are planned to be maintained through FY 1997?

Table 6.1: Combat System Workload

Combat System	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
None								

6.2 Identify any specialized, unique or peculiar characteristics about the facilities, equipment, or skills at your activity to perform the maintenance work for combat systems or sub-systems? Highlight those that are one of a kind within the DON/DoD.

N/A

6.3 What alternatives exist for providing the combat system support services (e.g. another Navy activity, DoD agency, etc.)?

N/A

Mission Area

**7. Publications Management and Distribution**

7.1 Identify the work years expended/programmed to be expended in support of ordnance publications, instructions and documents promulgated and maintained by your activity, for the period requested.

Table 7.1: Publications Workload

(CR\*)

Publication Types	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
OPs	0	0	0	0	0	0	0	0
JMEMs	0	0	0	0	0	0	0	0
NWPs/MWIPs	0	0	0	0	0	0	0	0
MILSPECs	0	0	0	0	0	0	0	0
Standards	0	0	0	0	0	0	0	0
Instructions/Notes	0	0	0	0	0	0	0	0
Other <sup>(1)</sup>	1.6	1.2	1.9	2.2	1.3	1	1	1
Total	1.6	1.2	1.9	2.2	1.3	1	1	1
NOTES: (1) Quality Assurance, Technical Support, (i.e. Maintenance Check sheets, manual changes, QDR's, MRB's, QA Oversight								

\* ADDED "0" IN BLOCKS

7.2 Identify any specialized, unique or peculiar characteristics about the facilities, equipment, or skills at your activity to maintain such publications? Highlight those that are one of a kind within the DON/DoD.

None

7.3 What alternatives exist for providing the publication support services (e.g. another DON activity, Army or Air Force activity, DoD agency, NATO or other treaty agencies, etc.)?

Camp Pendleton

Features and Facilities

**8. Explosive Quantity Distance Factors**

8.1 What restrictions or explosive quantity distance standard limitations apply to the handling of volatile or explosive products or for hot work on submarines, surface combatants, ammunition ships, or oilers on your station/magazine/facility at the piers/wharfs?

- Only those safety restrictions and limitations set forth in NAVSEA OP-5 Volumes 1 and 2.

8.2 What restrictions apply when moving munitions in quantity from the storage magazines to the outload facility?

- Only those safety restrictions and limitations set forth in NAVSEA OP-5 Volumes 1 and 2.

8.3 How many AEs, AORs, AOs, or AOE's can be berthed with nesting at your facility, simultaneously? Identify by each pier or wharf.

Although there is no berthing or nesting capability at NOCPACDIV Fallbrook Detachment, it is located only 70 miles from the Naval complex in San Diego and can service via VERTREP the Aircraft Carriers and ordnance supply ships that are berthed and nested there. It also supplies ordnance via truck to the Naval Weapon Station Seal Beach, located approximately 70 miles to the north. (R)

8.4 How many surface combatants or nuclear submarines can be berthed with nesting at the weapon station, magazine, or facility, simultaneously? Identify by each pier or wharf.

Although there is no berthing or nesting capability at NOCPACDIV Fallbrook Detachment, it is located only 70 miles from the Naval complex in San Diego and can service via VERTREP the Aircraft Carriers and ordnance supply ships that are berthed and nested there. It also supplies ordnance via truck to the Naval Weapon Station Seal Beach, located approximately 70 miles to the north. (R)

## Features and Facilities

**9. Availability and Condition**

9.1 Identify, by three digit Category Code Number (CCN), *all facilities* at this activity, and their current condition and area in thousands of square feet (KSF). Duplicate the table as necessary to report all facilities of any tenants for whom your activity serves as host.

**Table 9.1: Facility Conditions**

CCN	Facility Type	Condition			Total
		Adequate	Substandard	Inadequate	
131	Communications Building	.395	0	0	.395
143	Ship & Other Operational Buildings	33.990	0	0.486	34.476
171	Training Buildings	1.931	0	0	1.931
212	Maintenance -- Guided Missiles	90.174	0	0	90.174
214	Maintenance Tank/Automotive	20.175	0	0	20.175
216	Maintenance - Ammunition, Explosives, Toxics	9.667	0	0	9.667
218	Maintenance - Facilities for Miscellaneous Procured Items and Equipment	8.750	0	0	8.750
219	Maint, Installation, Repair & Operations	27.004	0	0	27.004
316	Ammunition Explosives and Toxics Laboratory	59.868	0	1.45	61.318

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CCN	Facility Type	Condition			Total
		Adequate	Substandard	Inadequate	
421	Ammunition Storage Depot and Installation	716.629	0	0	716.629
441	General Purpose Warehouse	6.511	0	0	6.511
550	Medical Clinic	0.225	0	0	0.225
610	Administrative Buildings	10.693	0	0	10.693
711	Family Housing Dwellings and Detached Garages	13.953	0	0	13.953
714	Family Housing Detached Facilities	4.281	0	0	4.281
721	UEHP	14.319	0	0	14.319
730	Community Facilities	18.167	0	0	18.167
740	Community Facilities - MWR	21.101	0	0	21.101
Activity TOTAL:		1,057.833	0.000	1.936	1,059.769

**9. Availability and Condition, continued**

9.2 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories in Table 9.1, above, where inadequate facilities are identified provide the following information:

- a. Facility type/code:
- b. What makes it inadequate?
- c. What use is being made of the facility?
- d. What is the cost to upgrade the facility to substandard?
- e. What other use could be made of the facility and at what cost?
- f. Current improvement plans and programmed funding:
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP?

Bldg/Type/ CC	Reason	Current Use	Cost	Other Useage	Improv Plan	BASEREP
339/ Ordnance Operations/ 143	Total obsolescence	Vacant	\$100K	None	None	No
362 Smoke/Lunch Room/143	Total Obsolescence	Smoke/lunch Room	\$100K	None	None	No
227/Misc Storage/316	Total Obsolescence	Storage	\$300K	None	None	No

9.3 Identify if your activity has been prevented from performing any proposed or planned expansion, establishment of new arcs, or scheduled operations in the past five years due to unresolved restrictions.

None



## Features and Facilities

**10. Reserve Support Capabilities**

10.1 List all reserve units (USNR, USMCR, USAFR, ANG, USAR, ARNG) that regularly train at your installation.

Table 10.1: **Hosted Reserve Units**

Reserve Unit	Training Function/Facilities Used
519 (USNR)	OJT in support of Fallbrook Detachment ordnance requirements/Misc
620 (USNR)	OJT in support of Fallbrook Detachment ordnance requirements/Misc

10.2 For each USNR and USMCR unit that trains at your facility, provide the number of authorized billets and number of personnel actually assigned to the unit for the past three full fiscal years. Include both Selected Reserves (SELRES) and Training and Administration of Reserves (TAR) Navy/Full Time Support (FTS) Marine Corps reservists. Explain any reported differences between authorized and actual manning. Reproduce this table as necessary for each unit.

Table 10.2: **Reserve Personnel**

Unit: 519 Pomona, CA	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SEL RES	TAR FTS	SEL RES	TAR FTS	SEL RES	TAR FTS	SEL RES	TAR FTS	SEL RES	TAR FTS	SEL RES	TAR FTS
Enlisted	25	0	28	0	25	0	30	0	23	0	29	0
Officer	4	0	3	0	4	0	4	0	2	0	2	0
NOTE: Variance between authorized and actual reflects normal fluctuations in Reserve Unit staffing.												

Table 10.2: Reserve Personnel

Unit: 620 Denver, CO	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SEL RES	T ARF TS	SEL RES	TAR FTS	SEL RES	TAR FTS	SEL RES	TAR FTS	SEL RES	TARF TS	SEL RES	TAR FTS
Enlisted	34	0	34	0	35	0	33	0	31	0	32	0
Officer	3	0	3	0	3	0	4	0	3	0	2	0
NOTE: Variance between authorized and actual reflects normal fluctuations in Reserve Unit staffing.												

10.3 What is the outlook for your reserve training requirement for FY 1997?

No significant changes planned.

10.4 Does your activity possess any specialized, unique or peculiar characteristics to facilitate the reserve training?

Yes, Due to its function of performing Receipt, Storage and Segregation of explosive ordnance, NAVORDCEN Fallbrook Detachment provides reservists with necessary training in respect to ordnance handling, ordnance safety, and forklift training. These skills are required by reservists during mobilization.

**11. Investments**

11.1. List the project number, description, funding year, and value of the *capital improvements at your base completed (beneficial occupancy) during FY 1988 to FY 1994*. Indicate if the capital improvement is a result of BRAC realignments or closures.

Table 11.1: Capital Improvement Expenditure

Project	Description	Fund Year	Value (\$K)
86-8107	MODS B-344,345 FB	1988	4
86-8107	MODS B-350 FB	1988	5.3
87-6085	CONST GUARD HOUSE FB	1988	46.4
87-6105	TRANSFORMER B-366 FB	1988	27.4
87-6182	ALTS WATER DIST SYS FB	1988	33.7
P-128	MISSILE MAGAZINES (3)	1988	4,800
P-135	MISSILE MAINTENANCE FACILITY	1988	2,100
87-6152	TRANSFORMER B-102 FB	1989	12.4
5290297	PIMS TRAILER FB	1989	1.8
87-6133	ALTS B-770 FB	1989	5
89-5271	CONST FENCE ADMIN AREA FB	1989	2.2
87-6134	WIDEN MAG DOCKS FB	1989	8.4
88-2769	ALTS B-344,345 FB	1989	56.5
88-2769	PAVING B-350 FB	1989	37.7
89-5283	EXTEND MAG DOCKS FB	1989	134.7
89-5257	RESTROOM B-310 FB	1990	21.8
89-2761	ENCLOSE DOCK B-365 FB	1990	7.5
88-2760	TURN LANE, AMMO/STINGER ROAD FB	1991	14.4
88-2760	MISSILE CONTAINER STOR FAC FB	1991	23.2
91-2086	ENCLOSE DOCK, B-365 FB	1991	64.1

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Project	Description	Fund Year	Value (\$K)
88-2760	FCDC FOR TURN LANE FB	1991	2.7
88-2760	FCDC FOR MISSILE CONTAIN FAC FB	1991	2.7
91-2126	ALTS B-5 FB	1992	3.2
91-2126	ALTS B-445 FB	1992	40.1
91-2099	ALTS A/C B-41 FB	1992	35.2
91-2126	A/C B-307 FB	1992	91.6
91-2143	ALTS B-350 FB	1992	72.8
91-2160	ALTS B-103 FB	1994	136.4
92-4059	MISSILE CONTAINER STOR FAC FB	1994	112.8
91-2157	EXTEND PAVEMENT, MAGS FB	1994	92.8
91-2106	ALTS B-301 FB	1994	95.9
93-1998	PARKING LOT B-366 FB	1994	139.5

11.2. List the project number, description, funding year, and value of the *non-BRAC related capital improvements planned* for years FY 1995 through FY 1997.

Table 11.2: **Planned Capital improvements**

Project	Description	Fund Year	Value (\$K)
P-151	MISSILE MAINTENANCE FACILITY	1992	9,700
P-143	MISSILE MAGAZINES (2)	1994	5,200
	ALTS MAIN GATE B-357 FB	1995	40
	ALTS GUARD HOUSE CAMP PEN FB	1995	35
	EXTEND PAVEMENT, MAGS FB	1995	150

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Project	Description	Fund Year	Value (\$K)
	AAV ASSESSMENT LABORATORY B-307 FB	1996	100
	ENERGY CONTROL SYS FB	1996	75
	EXTEND PAYMENT, MAGS FB	1997	100
	IDS/FIRE ALARM SYS FB	1997	100
	CAR WASH FB	1997	100

**11. Investment, continued**

11.3 List the project number, description, funding year, and value of the *BRAC related capital improvements* planned for FY 1995 through FY 1999.

Table 11.3: Planned BRAC Capital improvements

Project	Description	Fund Year	Value
NONE			

**11. Investment, continued**

11.4 Identify by Investment Category Code and Name (e.g. 05-Training Facilities; 14-Administration) the actual investment at your activity, to include all MCON, maintenance and repair, installed equipment, and minor construction, in thousands of dollars (\$ K) over the period FY 1990 through FY 1994 for all your facilities. Report separately all other Class 2 equipment investments. The following table should include your responses to questions 11.1-11.3 above.

Table 11.4: Historic Investment Summary

(R\*)

Investment Category	\$ K
01- Aviation Operational Facilities	0
02 - Communication Operational Facilities	5
03 - Waterfront Operational Facilities	0
04 - Other Operational Facilities	420
05 - Training Facilities	72
06 - Aviation Maintenance/Production	0
07 - Shipyard Maintenance/Production	0
08 - Other Maintenance/Production	8785
09 - RDT&E	315
10 - POL Supply/Storage	7
11 - Ammo Supply/Storage	17520
12 - Other Supply/Storage	24
13 - Medical	0
14 - Administration	390
15 - Troop Housing/Messing	10
16 - Other Personnel Support Services	3
17 - Utilities	1290
Other (specify)	0

\* Investment Category Description Added

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Investment Category	\$ K
Equipment (other than Class 2) <sup>(1)</sup>	N/A
Activity TOTAL	28,841
NOTE: (1) NAVORDCEN Fallbrook Detachment was part of the Naval Weapons Station Seal Beach until November 1993. Cost of equipment purchased prior to 1994 for the Fallbrook site is not available.	

11.5 What is the total planned investment, in thousands of dollars (\$ K), over the period FY 1995 through FY 2001?

Total planned Investments = \$23,942

The total amount shown above includes \$9,400K for three MILCON projects currently planned for funding in FY99 in the FYDP. These projects will construct AMRAAM and JSOW missile magazines (\$8,400K) which are dependent on production quantities of these missile systems, and a holding yard for explosive ordnance (\$1,000K). Funding of these projects in FY99 is very uncertain.

**11. Investments, continued**

11.6 Provide a list of all other documented major facility deficiencies not addressed in 11.1-11.3 (e.g. major repairs) and the estimated cost to rectify each at this activity. Identify the reduction in operating costs anticipated in relation to each deficiency correction.

Table 11.6: Facility Deficiencies

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Deficiency	Cost to Correct (\$ K)	Result of Corrections
REPLACE SECURITY FENCE	2,000	0
LIGHTNING PROTECTION BLDGS 233-235	300	0
REPAIR MAGAZINE CRACKS	220	0
REPAIR VARIOUS ROOFS	100	0
REPAIRS TO BLDGS 203,204	220	0
REPAIRS TO AMMO ROAD	500	0
REPAIR SEWER SYSTEM	110	0
REPAIR WATER SYSTEM	200	\$10,000/year
REPAIR ELECT DIST SYSTEM	185	0
REPAIR WATER TANK	165	0
REPAIR MAIN SUBSTATION	150	0
PAINT BOOTH EMISSION CONTROL	250	0
REPAIR MAGAZINE RAMPS	200	0
REPAIRS TO ROADS	500	0
LIGHTNING PROTECTION BLDG 301	100	0
REPAIR WATER SERVICE LINES	200	0
REPAIR BUILDING 1	300	0
REPAIR ROOFS OF VARIOUS BLDGS	500	0
REPAIR FENCE	500	0
TOTAL	6,700	\$10,000/year



## Strategic Concerns

**12. Stand Alone and Location Factors**

12.1 Identify the support (police, fire protection, etc.) now that is now provided by a nearby base, station or activity and will be needed by your facility if that activity is closed.

Table 12.1: Support Facilities

Support	Currently Obtained from:	Needed if Host Closes?
Police	Marine Corps Base Camp Pendleton	Yes
Security	N/A	
Fire	Marine Corps Base Camp Pendleton	Yes
Cafeteria	N/A	
Parking	N/A	
Utilities	N/A	
Child Care	Marine Corps Base Camp Pendleton	No

12.2 What is the distance in nautical miles and the average transit time from your activity to the open sea?

Distance = 8 NM  
Transit Time = 20 Min

- VERTREP operations are performed at anchorage located in the open sea 3 miles off of the shoreline of Camp Pendleton (5 minutes via helicopter). Trucking 5 miles from the magazine area to the helo pad takes 15 minutes.

12.3 List and indicate the distance in road-miles to Interstate Highways, airports of embarkation, seaports of embarkation, and cargo rail terminals.

HIGHWAY                      DISTANCE  
INTERSTATE 15              5 Miles  
INTERSTATE 5                17 Miles

AIRPORT                      DISTANCE  
San Diego International      52 Miles  
Ontario International        78 miles  
John Wayne Airport         56 miles  
Los Angeles International    90 miles  
March Air Force Base        50 miles  
Camp Pendleton               5 miles

SEA PORTS                      DISTANCE  
San Diego                      65 Miles  
Los Angeles                    100 Miles  
Long Beach                    80 Miles

CARGO RAIL                      DISTANCE  
San Diego                      60 miles  
Camp Pendleton               27 miles

**12. Stand Alone and Location Factors, continued**

12.4 Is your activity serviced by rail trackage providing direct access to the commercial rail network? No

If Yes, are you serviced by single or multiple tracks? Single / Multiple ( # )

If No, identify the distance in road-miles separating your activity from the nearest railhead/access.  
Distance = 20 Miles

12.5 List the homeports within the service area of your facility and the distance to each.

**Table 12.5: Proximity to Homeport**

Homeport	Distance
San Diego	70 Mi
Long Beach	80 Mi

12.6 Identify the factors that limit access to your piers, i.e. bridge height restrictions, channel depth, turning basin constraints, etc. Identify by ship type the largest vessel that can gain access to your piers.

**Table 12.6: Pier Access**

Largest Vessel	Limiting Factors
No restrictions on vessel size (9,000 FT radius) at anchorage used in VERTREP operations	5,500,000 lbs NEW . With current equipment combatants can not be loaded. A floating bridge crane would be required.

Strategic Concerns

13. Contingency and Mobilization Features

13.1 Identify the amount of storage space for explosives or munitions surplus to the planned need, expressed in square feet (SF) at your facility. (Note: For contingency and mobilization purposes, storage space includes revetments, railcars, barges, explosive holding yards, explosive anchorages and barricaded railroad sideyard.) Provide data for each category.

Table 13.1: Contingency/Mobilization Storage

(R)

Category of Space	Total SF	# of Units	Comment
Revetments	N/A	0	
Railcars	N/A	0	
Barges	N/A	0	
Explosive Holding Yards	N/A	0	Explosive holding yard programmed for construction in FY99
Explosive Anchorages	N/A	1	Explosive Anchorage is used for VERTREP operations. Due to its size and 5,500,000 lbs 1.1 Class/Div NEW several ships could be anchored there simultaneously. (R)
Barricaded Railroad Siding	N/A	0	
Other (specify)	N/A		

13.2 What is the fraction and square footage of your excess to the total storage space that is or will be available at each location with the completion of the MILCON projects that have been awarded but are yet to be completed.

Fraction Excess = 0

Amount Excess = 0

## Strategic Concerns

**13. Contingency and Mobilization Features**

13.1 Identify the amount of storage space for explosives or munitions surplus to the planned need, expressed in square feet (SF) at your facility. (Note: For contingency and mobilization purposes, storage space includes revetments, railcars, barges, explosive holding yards, explosive anchorages and barricaded railroad siding.) Provide data for each category.

Table 13.1: Contingency/Mobilization Storage

Category of Space	Total SF	# of Units	Comment
Revetments	N/A	0	
Railcars	N/A	0	
Barges	N/A	0	
Explosive Holding Yards	N/A	0	Explosive holding yard programmed for construction in FY99
Explosive Anchorages	N/A	1	
Barricaded Railroad Siding	N/A	0	
Other (specify)	N/A		

13.2 What is the fraction and square footage of your excess to the total storage space that is or will be available at each location with the completion of the MILCON projects that have been awarded but are yet to be completed.

Fraction Excess = 0

Amount Excess = 0

**13. Contingency and Mobilization Features, continued**

13.3 What ship berthing by general class, may be available for naval ship berthing during holiday surge periods? Address available berthing for the CVN, SSBN, CG-52, LPD, and FFG classes, as a minimum. State answers in terms of the number of ships that can berthed without nesting. Information is only desired on ship berthing, that, if used for holiday surge berthing, will not interfere with ongoing or planned logistic loadouts or downloading. Also indicate the largest ship possible that can be berthed at each pier and wharf.

No berthing available, Vertical Replenishment capabilities off the shore of Camp Pendleton

13.4 Identify any HERO restrictions for operating radars and other sensors of Navy ships at your ordnance piers. Also identify any hot work restrictions or inhibitions against berthing POL or other ships with empty fuel tanks that are not gas-free.

Not Applicable

## Strategic Concerns

**14. Natural Inhibitors of Operations**

14.1 Identify the percent of the planned work schedule at your facility for the period FY 1990-1993 (averaged by month) interrupted by local weather or climatic conditions (i.e., how many man-years are lost annually by month because of: thunder storm, hurricane, tornado, blizzard, below freezing conditions, earthquake or other performance-impinging natural condition?).

Table 14.1.a: Impact on Operations

	January	February	March	April	May	June
Average % Schedule Interrupted	0	0	0	0	0	0

Table 14.1.b: Impact on Operations

	July	August	September	October	November	December
Average % Schedule Interrupted	0	0	0	0	0	0

Environment and Encroachment

**15. Environmental Considerations**

**15.1 Identify all environmental restrictions to expansion at your activity.**

There are two federally endangered species with habitat at the Fallbrook site. These are the Stephen's kangaroo rat and the Least Bell's vireo. Relocation of the kangaroo rat would be required to accommodate expansion in most areas of the base. This is accomplished by moving the kangaroo rats away from construction sites just prior to start of construction.

- Air emission is approximately 75 percent of allowable capacity.
- Approximately 900 acres of wetlands

**15.2 Describe the undeveloped acreage or waterfront that is unique to the station or facility. Include any acreage that is suitable for industrial development.**

The Fallbrook site has 8,850 acres of land. Seven thousand acres are currently restricted by inhabited distance arcs generated by magazines. This 7,000 acres though, can be used for infill of explosive storage magazines. Four thousand eight hundred and fifty acres is available for explosive and inert industrial functions and 1,850 acres is available for strictly inert operations.

**15.3 Identify any specific facilities, programs, or capabilities in regard to the handling and disposal of hazardous materials / waste at your activity.**

There are several small portable lockers at the Fallbrook site for storing hazardous materials for less than 90 days. Hazardous materials are collected and disposed of by the Naval Weapons Station, Seal Beach

**16. Encroachment Considerations**

**16.1 Identify any ground, industrial noise, approach channel, waterway, harbor, bridge height, turning basin, Explosive Quantity Distance Standard (ESQD), HERO, and airspace encroachments of record at your activity.**

Table 16.1: **Encroachments of Record**

Encroachment	Date Recorded	Current Status
None		

## Quality of Life

## 17. Military Housing - Family Housing

17.1 Do you have mandatory assignment to on-base housing? No

17.2 For military family housing in your locale, provide the following information:

Table 17.2: Available Military Family Housing

CR #

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	4	4	0	0
Officer	3	4	4	0	0
Officer	1 or 2	1	1	0	0
Enlisted	4+	0	0	0	0
Enlisted	3	0	0	0	0
Enlisted	1 or 2	0	0	0	0
Mobile Homes	0	0	0	0	0
Mobile Home lots	0	0	0	0	0

Note: Additional Family housing is available for enlisted personnel at Camp Pendleton.

\* ADDED "OS" in BLUES

17.3 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information.

- Facility type/code:
- What makes it inadequate?
- What use is being made of the facility?
- What is the cost to upgrade the facility to substandard?
- What other use could be made of the facility and at what cost?
- Current improvement plans and programmed funding:
- Has this facility condition resulted in C3 or C4 designation on your BASEREP?



**17. Military Housing - Family Housing, continued**

17.4 Complete the following table for the military housing waiting list. Report Number on list as of 31 March 1994.

**Table 17.4: Military Housing Waiting List**

Pay Grade	Number of Bedrooms	Number on List	Average Wait
O-6/7/8/9	1	0	N/A
	2	0	N/A
	3	0	N/A
	4+	0	N/A
O-4/5	1	0	N/A
	2	0	N/A
	3	0	N/A
	4+	0	N/A
O-1/2/3/CWO	1	0	N/A
	2	0	N/A
	3	0	N/A
	4+	0	N/A
E7-E9	1	N/A	N/A
	2	N/A	N/A
	3	N/A	N/A
	4+	N/A	N/A
E1-E6	1	N/A	N/A
	2	N/A	N/A
	3	N/A	N/A
	4+	N/A	N/A

**17. Military Housing - Family Housing, continued**

17.5 What do you consider to be the top five factors driving the demand for base housing? Does it vary by grade category? If so provide details.

**Table 17.5: Housing Demand Factors**

	Top Five Factors Driving the Demand for Base Housing
1	Mission Related
2	Medical Corps Base Camp Pendleton
3	MCB Camp Pendleton waiting list
4	
5	

17.6 What percent of your family housing units have all the amenities required by "The Facility Planning & Design Guide" (Military Handbook 1190 & Military Handbook 1035-Family Housing)?

100 %

17.7 Provide the utilization rate for family housing for FY 1993.

**Table 17.7: Family Housing Utilization**

Type of Quarters	Utilization Rate (%)
Adequate	86.4
Substandard	0
Inadequate	0

17.8 As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 98% ( or vacancy over 2%), is there a reason?

- No change. Since there are so few units and no waiting list, a unit can go vacant for a month before being reoccupied. This will bring down the occupancy level to the figure shown above.

## Quality of Life

**18. Military Housing - Bachelor Quarters**

18.1 Provide the utilization rate for Bachelor Enlisted Quarters(BEQs) for FY 1993.

Table 18.1: **BEQ Utilization**

Type of Quarters	Utilization Rate
Adequate	87.5
Substandard	N/A <sup>(1)</sup>
Inadequate	N/A <sup>(1)</sup>
NOTE: (1) There are no substandard or inadequate BEQ's	

18.2 As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

No change since March 1994. Some rooms in the BEQ are set aside for reservists, transients, and on duty personnel. Use of these rooms will therefore vary from day to day.

(R)

18.3 Calculate the Average on Board (AOB) for Geographic Bachelors (GB) as follows:

$$\text{AOB} = \frac{(\# \text{ GB}) \times (\text{average \# of days in barracks})}{365}$$

$$\text{AOB} = 7$$

18.4 Indicate in the following chart the percentage of Geographic Bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

Table 18.4: **Reasons for Geographic Separation (BEQ)**

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	7	100	
Spouse Employment (non-military)	0	0	
Other	0	0	
TOTAL		100 %	

18.5 How many enlisted Geographic Bachelors (GB) do not live on base? # GB Off-Base = 0

**18. Military Housing - Bachelor Quarters, continued:**

18.6 Provide the utilization rate for Bachelor Officers Quarters (BOQs) for FY 1993.

Table 18.6: **BOQ Utilization**

Type of Quarters	Utilization Rate
Adequate	N/A
Substandard	N/A
Inadequate	N/A
N/A - There are no Bachelor Officer Quarters located at the Fallbrook site	

18.7 As of 31 March 1994, have you experienced much of a change since FY 1993? If so, why? If occupancy is under 95% (or vacancy over 5%), is there a reason?

No

18.8 Calculate the Average on Board (AOB) for Geographic Bachelors as follows:

$$AOB = \frac{(\# \text{ GB} \times \text{average \# days in barracks})}{365}$$

365

$$AOB = 0$$

There are no Bachelor Officer Quarters at the Fallbrook site.

18.9 Indicate in the following chart the percentage of Geographic Bachelors by category of reasons for family separation. Provide comments as necessary.

Table 18.9: **Reasons for Geographic Separation (BOQ)**

(CR\*)

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	N/A	N/A	
Spouse Employment (non-military)	N/A	N/A	
Other	N/A	N/A	
<b>TOTAL</b>		100	

\* Added N/A ALL Blocks

18.10 How many officer Geographic Bachelors do not live on base?

$$\# \text{ GB Off-Base} = 0$$

## Quality of Life

**19. MWR Facilities**

19.1 For on-base MWR facilities available, complete the following table for each separate location. These are spaces designed for a particular use. A single building might contain several facilities, each of which should be listed separately. For off-base government-owned or leased recreation facilities, indicate their distance from your base. If there are any facilities not listed, include them at the bottom of the table.

LOCATION : ALL ON BASE

DISTANCE : N/A

Table 19.1.a: **MWR Facilities Summary**

Facility	Unit of Measure	Total	Profitable ( Y / N / N/A )
Auto Hobby	Indoor Bays	0	
	Outdoor Bays	0	
Arts / Crafts	SF	0	
Wood Hobby	SF	0	
Bowling	Lanes	0	
Enlisted Club	SF	3425 <sup>(1)</sup>	Y
Officers Club	SF	3425 <sup>(1)</sup>	Y
Library	SF	0	
Library	Books	0	
Theater	Seats	0	
ITT	SF	0	
Museum / Memorial	SF	0	
Pool (indoor)	Lanes	0	
Pool (outdoor)	Lanes	40	Y
Beach	LF	0	
Swimming Ponds	Each	0	
Tennis Court	Each	1	N/A

**19. MWR Facilities, continued**

Table 19.1.b: MWR Facilities Summary

Facility	Unit of Measure	Total	Profitable ( Y / N / N/A )
Volleyball court (outdoor)	Each	1	N/A
Basketball court (outdoor)	Each	1	N/A
Racquetball court	Each	1	N/A
Golf Course	Holes	0	
Driving Range	Tee Boxes	0	
Gymnasium	SF	5355	N
Fitness Center	SF	1632	N/A
Marina	Berths	0	
Stables	Stalls	0	
Softball Field	Each	1	N/A
Football Field	Each	0	
Soccer Field	Each	0	
Youth Center	SF	0	
Note: The Sidewinder Club at Fallbrook serves both enlisted and officer personnel. In addition to the facilities shown in the table , Camp Pendleton, which provides housing for many of the enlisted personnel at Fallbrook, and is located adjacent to the Fallbrook site provides a cadre of recreational and other facilities.			

19.2 Is your library part of a regional interlibrary loan program? No

There are no libraries located on base at Fallbrook.

## Quality of Life

**20. Base Family Support Facilities and Programs**

20.1 Complete the following table on the availability of child care in a child care center on your base.

Table 20.1: Child Care Availability

Age Category	Capacity (# of Children)	SF			Number on Wait List	Average Wait (Days)
		Adequate	Substandard	Inadequate		
0-6 Months	N/A	N/A	N/A	N/A	N/A	N/A
6-12 Months	N/A	N/A	N/A	N/A	N/A	N/A
12-24 Months	N/A	N/A	N/A	N/A	N/A	N/A
24-36 Months	N/A	N/A	N/A	N/A	N/A	N/A
3-5 Years	N/A	N/A	N/A	N/A	N/A	N/A
Notes:						
There is no childcare provided at the Fallbrook site						

20.2 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means." For all the categories above where inadequate facilities are identified provide the following information:

- a. Facility type/code:
- b. What makes it inadequate?
- c. What use is being made of the facility?
- d. What is the cost to upgrade the facility to substandard?
- e. What other use could be made of the facility and at what cost?
- f. Current improvement plans and programmed funding:
- g. Has this facility condition resulted in C3 or C4 designation on your BASERP?

**20. Base Family Support Facilities and Programs, continued**

20.3 If you have a waiting list, describe what programs or facilities, other than those sponsored by your command, are available to accommodate those on the list.

N/A

20.4 How many "certified home care providers" are registered at your base? # = None

20.5 Are there other military child care facilities within 30 minutes of the base? Yes  
State owner and capacity (e.g. 60 children, 0-5 years).

Marine Corps Base Camp Pendleton/ 5 sites 699 children



**20. Base Family Support Facilities and Programs, continued**

20.6 Complete the following table for services available on your base. If you have any services not listed, include them at the bottom.

Table 20.6: Available Services

Service	Unit of Measure	Quantity
Exchange	SF	0
Gas Station	SF	0
Auto Repair	SF	0
Auto Parts Store	SF	0
Commissary	SF	0
Mini-Mart	SF	1572
Package Store	SF	0
Fast Food Restaurants	Each	0
Bank/Credit Union	Each	0
Family Service Center	SF	0
Laundromat	SF	0
Dry Cleaners	Each	0
ARC	PN	0
Chapel	PN	0
FSC Classroom/Auditorium	PN	0
Sidewinder Grill/Club	Each	1

**21. Metropolitan Areas**

21.1 Identify proximate major metropolitan areas closest to your base (provide at least three):

**Table 21.1: Proximate Metropolitan Areas**

City	Distance (Miles)
San Diego	60
Oceanside/Carlsbad	25
Escondido/San Marcos	25
Temecula/Murrietta	20

## Quality of Life

**22. VHA Rates**

22.1 Identify the Standard Rate VHA Data for Cost of Living in your area:

Table 22.1: VHA Rates

Paygrade	With Dependents	Without Dependents
E1	240.91	134.65
E2	223.46	140.63
E3	224.13	165.09
E4	236.78	165.28
E5	260.38	181.79
E6	299.72	203.92
E7	341.12	236.96
E8	369.42	279.38
E9	345.67	262.38
W1	360.73	274.04
W2	357.69	280.56
W3	354.08	287.24
W4	364.55	323.23
O1E	310.18	230.16
O2E	304.56	242.8
O3E	368.32	311.04
O1	278.22	204.99
O2	283.52	221.67
O3	290.43	244.60
O4	320.01	278.23
O5	367.90	304.29

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Paygrade	With Dependents	Without Dependents
O6	359.49	297.56
O7	375.24	304.98

## Quality of Life

**23. Off-base Housing Rental and Purchase**

23.1 Fill in the following table for average rental costs in the area for the period 1 April 1993 through 31 March 1994.

Table 23.1: Recent Rental Rates

Type of Rental	Average Monthly Rent		Average Monthly Utilities Cost
	Annual High	Annual Low	
Efficiency	425	375	25-30
Apartment (1-2 Bedroom)	550	500	35-40
Apartment (3+ Bedroom)	750	700	70
Single Family Home (3 Bedroom)	750	875	125
Single Family Home (4+ Bedroom)	1050	975	200
Town House (2 Bedroom)	600	700	75
Town House (3+ Bedroom)	700	800	125
Condominium (2 Bedroom)	500	600	75
Condominium (3+ Bedroom)	600	700	125

23.2 What was the rental occupancy rate in the community as of 31 March 1994?

Table 23.2: Rental Occupancy Rate

Type Rental	Occupancy Rate (%)
Efficiency	85%
Apartment (1-2 Bedroom)	85%
Apartment (3+ Bedroom)	85%
Single Family Home (3 Bedroom)	85%
Single Family Home (4+ Bedroom)	85%
Town House (2 Bedroom)	85%

Type Rental	Occupancy Rate (%)
Town House (3+ Bedroom)	85%
Condominium (2 Bedroom)	85%
Condominium (3+ Bedroom)	85%

**23. Off-base Housing Rental and Purchase, continued**

23.3 What are the median costs for homes in the area?

Table 23.3: Regional Home Costs

Type of Home	Median Cost
Single Family Home (3 Bedroom)	\$150K
Single Family Home (4+ Bedroom)	\$175K
Town House (2 Bedroom)	\$120K
Town House (3+ Bedroom)	\$130K
Condominium (2 Bedroom)	\$120K
Condominium (3+ Bedroom)	\$130K

23.4 For calendar year 1993, from the local MLS listings, provide the number of 2, 3, and 4 bedroom homes available for purchase. Use only homes for which monthly payments would be within 90 to 110 percent of the E5 BAQ and VHA for your area.

Table 23.4: Housing Availability

Month	Number of Bedrooms		
	2	3	4+
January	0	0	0
February	0	0	0
March	0	0	0
April	1	0	0
May	0	0	0
June	1	0	0

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Month	Number of Bedrooms		
	2	3	4+
July	0	0	0
August	3	0	0
September	0	0	0
October	0	0	0
November	0	0	0
December	0	0	0

23.5 Describe the principle housing cost drivers in your local area.

Economy  
Supply and Demand

## Quality of Life

**24. Sea-Shore Opportunities**

24.1 For the top five sea intensive ratings in the principle warfare community your base supports, provide the following:

Table 24.1: Sea Shore Opportunities

Rating	# Sea Billets in Local Area	# Shore Billets in Local Area
BM	0	9
GM	0	6
MM	0	5
OS	0	7
SM	0	5
NOTE: Fallbrook Detachment Billets are driven by Security (9545 NEC) Requirements Not by individual ratings		

**25. Commuting Distances**

25.1 Complete the following table for the average one-way commute for the five largest concentrations of military and civilian personnel living off-base.

Table 25.1: Commuting Distances

Location	% Employees	Distance (mi)	Time (min)
Fallbrook	34%	5	10
Oceanside	15%	21	20
Vista	8%	15	15
San Diego	6%	60	60
Escondido	3%	25	35



## Quality of Life

**26. Regional Educational Opportunities**

Complete the tables below to indicate the civilian educational opportunities available to service members stationed at your activity (to include any outlying fields) and their dependents:

26.1 List the local educational institutions which offer programs available to dependent children. Indicate the school type (e.g. DoDDS, private, public, parochial, etc.), grade level (e.g. pre-school, primary, secondary, etc.), what students with special needs the institution is equipped to handle, cost of enrollment, and for high schools only, the average SAT/ACT score of the class that graduated in 1993 and the number of students in that class who enrolled in college in the fall of 1994.

Table 26.1: Educational Opportunities

Institution		Grade Level(s)	Special Education Available	Annual Enrollment Cost/Student	SAT/ACT Score	% HS to College	Source of Info
Fallbrook Union Elementary School District	Public	Headstart & K thru 12	Yes	0	458/507 SAT	65%	FB Union School District Admin
Camp Pendleton	Public	K thru 6	Yes	0	N/A	N/A	Fallbrook Chamber of Commerce
Vista Unified School District	Public	K thru 12	Yes	110	918 SAT	N/A	Vista School District
Oceanside Unified School District	Public	K thru 12	Yes	0	406/452	60%	Oceanside School District
Escondido Unified School District	Public	K thru 12	Yes	0	450/506	60%	Escondido School District
Temecula Unified School District	Public	Headstart & K-12	Yes	0	417/474 SAT	75%	Temecula Unified School District
Notes: SAT scores represent verbal/math scores except for the Vista School district where the scores have been combined In addition to public schools there are numerous private institutions, serving all grades with special education capabilities.							

**26. Regional Educational Opportunities, continued**

26.2 List the educational institutions within 30 miles which offer programs off-base available to service members and their adult dependents. Indicate the extent of their programs by placing a "Yes" or "No" in all applicable boxes.

Table 26.2: Off-Base Educational Programs

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Eldorado College	Day - Yes	Yes	Vocational	Yes	No	No
	Night - Yes	Yes	Vocational	Yes	No	No
Kellsey Jenny College	Day Yes	No	Vocational	Yes	Yes	No
	Night Yes	No	Vocational	Yes	Yes	No
Coleman College	Day Yes	No	Vocational	Yes	Yes	Yes
	Night Yes	No	Vocational	Yes	Yes	Yes
Nordstrom Business Institute	Day Yes	No	Technical	No	No	No
	Night Yes	No	Technical	No	No	No
Waterson College	Day Yes	No	Vocational	No	No	No
	Night Yes	No	Vocational	No	No	No
Palomar College	Day Yes	No	Vocational	Yes	Yes	Yes
	Night Yes	No	Vocational	Yes	Yes	Yes
MARIC College	Day Yes	No	Vocational	Yes	No	No
	Day Yes	No	Vocational	Yes	No	No

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Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
EDUTEK	Day Yes	No	Vocational	Yes	No	No
	Night	No	Vocational	Yes	No	No
Mira Costa College	Day	Yes	Vocational	Yes	Yes	No
	Night	Yes	Vocational	Yes	Yes	No
Chapman University	Day Yes	No	Vocational	Yes	Yes	Yes
	Night Yes	No	Vocational	Yes	Yes	Yes
Southern California Bible College	Day Yes	No	Vocational	Yes	Yes	Yes
	Night Yes	No	Vocational	Yes	Yes	Yes
NOTE: In addition to the institutions listed above, there are several California Universities which offer undergraduate and graduate programs within 60 miles of Fallbrook. These include the University Of San Diego, University of California Irvine, and University of California Riverside.						

**26. Regional Educational Opportunities, continued**

26.3 List the educational institutions which offer programs on-base available to service members and their adult dependents. Indicate the extent of their programs by placing a "Yes" or "No" in all applicable boxes.

Table 26.3: **On-Base Educational Programs**

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
None	Day					
	Night					
	Corresponde nce					
	Day					
	Night					
	Corresponde nce					
	Day					
	Night					
	Corresponde nce					
	Day					
	Night					
	Corresponde nce					

## Quality of Life

27. **Spousal Employment Opportunities**

27.1 Provide the following data on Spousal employment opportunities.

Table 27.1: Spouse Employment

*CR\**

Skill Level	# Military Spouses Serviced by FSC Spouse Employment Assistance			Local Community Unemployment Rate (%)
	1991	1992	1993	
Professional	3	2	2	9
Manufacturing	0	0	0	0
Clerical	3	4	4	9
Service	0	0	0	0
Other	3	4	5	9

*\* ADDED "0" in Blacks*28. **Medical / Dental Care**

28.1 Do your active duty personnel have any difficulty with access to medical or dental care, in either the military or civilian health care system? Develop the why of your response.

None. There is adequate access to Camp Pendleton 's facilities located adjacent to the Fallbrook site.

28.2 Do your military dependents have any difficulty with access to medical or dental care, in either the military or civilian health care system? Develop the why of your response.

Dental care for military dependents is limited at military installations in the area. Dependent Dental Plan (DDP) is accessible in the civilian community.

## Quality of Life

**29. Crime Rate**

29.1 Complete the table below to indicate the crime rate for your activity for the last three fiscal years. The source for case category definitions to be used in responding to this question are found in the NCIS Manual, dated 23 February 1989, at Appendix A, entitled "Case Category Definitions." Note: the crimes reported in this table should *include* (a) all reported criminal activity which occurred on base regardless of whether the subject or the victim of that activity was assigned to or worked at the base; *and* (b) all reported criminal activity off base.

Table 29.1.a: Local Crime Rate

Crime Definitions	FY 1991	FY 1992	FY 1993
1. Arson (6A)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
2. Blackmarket (6C)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
3. Counterfeiting (6G)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
4. Postal (6L)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

29. **Crime Rate, continued**Table 29.1.b: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
5. Customs (6M)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
6. Burglary (6N)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
7. Larceny - Ordnance (6R)	3	2	1
Base Personnel - military	N/A	N/A	N/A
Base Personnel - civilian	N/A	N/A	N/A
Off Base Personnel - military	N/A	N/A	N/A
Off Base Personnel - civilian	N/A	N/A	N/A
8. Larceny - Government (6S)	1	0	0
Base Personnel - military	N/A	0	0
Base Personnel - civilian	N/A	0	0
Off Base Personnel - military	N/A	0	0
Off Base Personnel - civilian	N/A	0	0

## 29. Crime Rate, continued

Table 29.1.bc: Local Crime Rate

Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)	3	0	1
Base Personnel - military	N/A	0	0
Base Personnel - civilian	N/A	0	1
Off Base Personnel - military	N/A	0	0
Off Base Personnel - civilian	N/A	0	0
10. Wrongful Destruction (6U)	0	1	1
Base Personnel - military	0	1	1
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
11. Larceny - Vehicle (6V)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
12. Bomb Threat (7B)	0	0	1
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	1



## 29. Crime Rate, continued

Table 29.1.d: Local Crime Rate

Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
14. Assault (7G)	0	0	2
Base Personnel - military	0	0	N/A
Base Personnel - civilian	0	0	N/A
Off Base Personnel - military	0	0	N/A
Off Base Personnel - civilian	0	0	N/A
15. Death (7H)	2	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	2	0	0
Off Base Personnel - civilian	0	0	0
16. Kidnapping (7K)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

**29. Crime Rate, continued****Table 29.1.e: Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
19. Perjury (7P)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
20. Robbery (7R)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
21. Traffic Accident (7T)	10	22	26
Base Personnel - military	N/A	N/A	N/A
Base Personnel - civilian	N/A	N/A	N/A
Off Base Personnel - military	N/A	N/A	N/A
Off Base Personnel - civilian	N/A	N/A	N/A

**29. Crime Rate, continued****Table 29.1.f: Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
22. Sex Abuse - Child (8B)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
23. Indecent Assault (8D)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
24. Rape (8F)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
25. Sodomy (8G)	0	0	0
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
NOTE: N/A -- Used when total number of crimes is known but it can not be determined if crimes were committed by Civilian or military personnel			

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## ACTIVITY LISTING

Type	Title	Location
WPNSTA	NAVWPNSTA EARLE	Colts Neck, NJ
WPNSTA	NAVWPNSTA YORKTOWN	Yorktown, VA
WPNSTA	NAVWPNSTA CHARLESTON	Charleston, SC
WPNSTA	NAVWPNSTA CONCORD	Concord, CA
WPNSTA	NAVORDCEN PACDIV DET FALLBROOK	Fallbrook, CA
WPNSTA	NAVORDCEN PACDIV DET PORT HADLOCK	Port Hadlock, WA
WPNSTA	NAVWPNSTA SEAL BEACH	Seal Beach, CA
NAVMAG	NAVMAG GUAM	Guam
NAVMAG	NAVMAG LUALUALEI	Waianae, HI
MISSILE FACILITY	NOTU	Port Canaveral, FL
MISSILE FACILITY	POMFLANT	Charleston, SC
MISSILE FACILITY	SWFLANT	Kings Bay, GA
MISSILE FACILITY	SWFPAC	Silverdale, WA

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

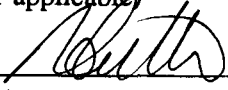
A. L. CHRISTOPHER  
NAME (Please type or print)  
Executive Director  
Title  
NAVORDCEN PACDIV  
Activity

  
Signature  
3 Jun 94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)


R. SUTTON, RADM, USN  
NAME (Please type or print)  
COMMANDER  
Title  
NAVAL ORDNANCE CENTER  
Activity

  
Signature  
14 JUL 94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL


G. R. STERNER  
NAME (Please type or print)  
Commander  
Title  
Naval Sea Systems Command  
Activity

  
Signature  
7/15/94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER  
NAME (Please type or print)  
  
Title

  
Signature  
7/26/94  
Date

## BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

### ACTIVITY COMMANDER

JAMES V. De SIMONE, CDR, USN

NAME (Please type or print)

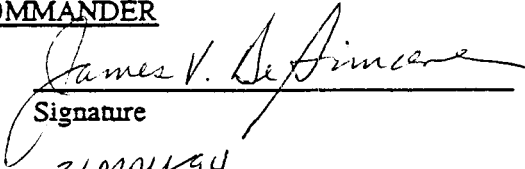
OFFICER IN CHARGE

Title

NAVORDCEN PACDIV FALLBROOK DET

Activity

Data Call 46 - Military Value

  
Signature

31 MAY 94  
Date

Navordcen Pacdiv Fallbrook Det - Data Call 46 revision

R

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

CAPT J. C. DEVLIN, USN  
NAME (Please type or print)  
Commander  
Title  
NAVORDCEN PACDIV  
Activity

J. C. Devlin  
Signature  
11 Oct 94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

R. W. CHAMBLISS  
NAME (Please type or print)  
ACTING COMMANDER  
Title  
NAVAL ORDNANCE CENTER  
Activity

R. W. Chambliss  
Signature  
12/20/94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

E. S. MCGINLEY, II  
Rear Admiral, U.S. Navy  
NAME (Please type or print)  
~~W. A. EARNER~~  
Title  
Acting Commander  
Naval Sea Systems Command  
Activity

E. S. McGinley, II  
Signature  
12/23/94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER  
NAME (Please type or print)  
Title

W. A. Earner  
Signature  
1/19/95  
Date

R

## BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

### ACTIVITY COMMANDER

DONALD T. HOGGAN  
NAME (Please type or print)

Officer in Charge, Acting  
Title

NAVORDCEN PACDIV Fallbrook Det  
Activity

Donald T. Hoggan  
Signature

9/26/94  
Date

Revision to BRAC DATA CALL #46



Fallbrook

See Revised  
Data Call

31 May 1994

**CAPACITY DATA CALL**  
**NAVAL WEAPONS STATIONS,**  
**NAVAL MAGAZINES,**  
**and**  
**STRATEGIC MISSILE FACILITIES**

Questions for the Activities

Category	.....	<b>Industrial Activities</b>
Sub-Category	.....	<b>Naval Weapons Stations,</b>
	.....	<b>Naval Magazines, and</b>
	.....	<b>Strategic Weapons Facilities</b>
Claimants	.....	<b>COMNAVSEASYS COM - Naval Weapons Stations</b>
	.....	<b>CINCPACFLT - Naval Magazines (on U.S. territory)</b>
	.....	<b>DIRSSP - Strategic Missile Facilities</b>

**Notes:** In the context of this Data Call

1. Base your responses for FY 1994 and previous years on executed workload, and for FY 1995 and subsequent years on workload as programmed in the FY 1995 Budget Submission and POM-96. Unless otherwise specified, use workload mixes as programmed. In estimating projected workload capabilities, use the activity configuration as of completion of the BRAC-88/91/93 actions.
2. Unless otherwise specified, for questions addressing maximum workload within this Data Call, base your response on an eight hour day/five day notional work week (1-8-5). Please identify any processes which, under normal operations, operate on a different schedule. Also, identify your "40 hour" work week schedule, if different from "1-8-5".
3. "Production" equates to the number of items processed per Fiscal Year (FY), unless otherwise specified. Report Direct Labor Man Hours (DLMHs) in thousands of Man Hours, to the nearest tenth, e.g. 32.2 K DLMHs.
4. For purposes of this Data Call, Depot maintenance is regarded as the maintenance performed on material that requires major overhaul or a complete rebuild of parts, assemblies, subassemblies, and end items, including the manufacture of parts, modifications, testing, and reclamation, as required. Depot maintenance serves to support lower categories of maintenance. Depot maintenance provides stocks of serviceable equipment by using more extensive facilities for repair than are available in lower level maintenance activities. Depot or indirect maintenance functions are identified by the type of equipment maintained or repaired.
5. Report all workload performed, clearly identifying origin of all non-DON workload.
6. Mission area work (as defined in sections 1 through 7) performed by tenant activities (e.g. MOMAG) should be reported in separate, duplicate tables in the applicable sections.

**If any responses are classified, so annotate the applicable question and include those responses in a separate classified annex.**

This document has been prepared in WordPerfect 5.1/5.2.

**Note:** The Box below breaks out Defense Department Depot Maintenance and Industrial activities by Commodity Groups for further assessment. The highlighted items have been incorporated into this Data Call. If your activity performs depot work in any other area, please include such workload and so annotate your Data Call response.

## Commodity Groups List

1. Aircraft Airframes:
  - Rotary
  - VSTOL
  - Fixed Wing
    - Transport / Tanker / Bomber /
    - Command and Control
    - Light Combat
    - Admin / Training
  - Other
2. Aircraft Components
  - Dynamic Components
  - Aircraft Structures
  - Hydraulic/Pneumatic
  - Instruments
  - Landing Gear
  - Aviation Ordnance
  - Avionics/Electronics
  - APUs
  - Other
3. Engines (Gas Turbine)
  - Aircraft
  - Ship
  - Tank
  - Blades / Vanes (Type 2)
4. Missiles and Missile Components
  - Strategic
  - Tactical / MLRS
5. Amphibians
  - Vehicles
  - Components (less GTE)
6. Ground Combat Vehicles
  - Self-propelled
  - Tanks
  - Towed Combat Vehicles
  - Components (less GTE)
7. Ground and Shipboard Communications and Electronic Equipment
  - Radar
  - Radio Communications
  - Wire Communications
  - Electronic Warfare
  - Navigational Aids
  - Electro-Optics / Night Vision
  - Satellite Control / Space Sensors
8. Automotive / Construction Equipment
9. Tactical Vehicles
  - Tactical Automotive Vehicles
  - Components
10. Ground General Purpose Items
  - Ground Support Eqpmt (except aircraft)
  - Small Arms / Personal Weapons
  - Munitions / Ordnance
  - Ground Generators
  - Other

## **JCSG-DM: Maintenance and Industrial Activities**

**CAPACITY DATA CALL**  
**NAVWPNSTAs, NAVMAGs, and STRATEGIC MISSILE FACILITIES**

**Questions for the Activities**

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## Table of Acronyms

ACE	Acquisition Cost of Equipment	LOE	Level Of Effort
AICUZ	Air Installations Compatibility Use Zone	MILCON	Military Construction
Ammo	Ammunition	MLLW	Mean Low Low Water
CADs	Cartridge Actuated Devices	MLRS	Multiple Launch Rocket System
CAL	Caliber	MM	Milimeter
CIA	Controlled Industrial Area	MOMAG	Mobile Mine Assembly Group
CCN	Category Code Number	MRP	Maintenance of Real Property
CHT	Collection, Holding and Transfer	NAVMAG	Naval Magazine
CPV	Current Plant Value	NEW	Net Explosive Weight
Demo	Demonstration	OOS	Out Of Service
DLMH	Direct Labor Man Hours	ORD	Ordnance
DM	Depot Maintenance	ORDCEN	Ordnance Center
ESQD	Explosive Safety Quantity	PACDIV	Pacific Division
Distance		PADs	Propellant Actuated Devices
FMS	Foreign Military Sales	PHS&T	Packaging, Handling, Storage and Transportation
FY	Fiscal Year	PSI	Pounds Per Square Inch
GPB	General Purpose Bombs	Pyro	Pyrotechnics
GPD	Gallons Per Day	RSSI	Receipt, Segregation, Stowage and Issue
HE	High Explosive	SF	Square Feet
HERF	Hazardous Electronic Radiation -	SMCA	Single Manager Conventional Ammunition
Fuel		SOP	Standard Operating Procedures
HERP	Hazardous Electronic Radiation -	Sub	Subsurface
Personnel		Surf	Surface
HERO	Hazardous Electronic Radiation -	SWF	Strategic Weapons Facility
Ordnance		TMDE	Test, Measurement, Diagnostic Equipment
IM	Intermediate Maintenance	UIC	Unit Identification Code
IPE	Industrial Plant Equipment	VERTREP	Vertical Replenishment
ISE	In Service Engineering	WPNSTA	Weapons Station
JCSG-DM	Joint Cross Service Group - Depot Maintenance		
KSF	Thousands of Square Feet		
KVA	Kilo Volt-Ampere		

Activity: 00396

**NAVORDCEN PACDIV Fallbrook Detachment performs classified work in support of CINCPACFLT Requirements. This work is mission related and site specific. CINCPACFLT POCs for more information are Doug Trager or CAPT Nelson at commercial (808)471-1355.**



Activity: 00396

## CAPACITY DATA CALL

### Weapons Stations, Naval Magazines, and Strategic Missile Facilities

#### Questions for the Activities:

Primary Activity UIC: 00396

(Use this number as Activity identification at top of each page.)

#### Mission Area

##### 1. Inventory

**1.1** Historic and Predicted Workload. List by units of weapon type the quantities of all weapons that were receipted into/are programmed to be in your inventory for the period below. Report the single highest total onboard quantity in inventory for each Fiscal Year. (Report data as of 30 September of the Fiscal Year, where data is not available for the whole year.) *For each commodity, separately identify non-DoN requirements (e.g. DoN: #x / Army: #y).*

Table 1.1.a: **Historic and Predicted Inventory**

Ammunition / Ordnance Commodity Type	Units in Inventory (items)							
	FY 1986 <sup>(1)</sup>	FY 1987 <sup>(1)</sup>	FY 1988 <sup>(1)</sup>	FY 1989 <sup>(1)</sup>	FY 1990 <sup>(2)</sup>	FY 1991 <sup>(2)</sup>	FY 1992 <sup>(2)</sup>	FY 1993
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Air Launched Threat	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6899
Surface Launched Threat	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6525
Other Threat	N/A	N/A	N/A	N/A	N/A	N/A	N/A	651
Expendables	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4653
INERT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	93175
CADs/PADs	N/A	N/A	N/A	N/A	N/A	N/A	N/A	27441
Strategic Nuclear	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Activity: 00396

Ammunition / Ordnance Commodity Type	Units in Inventory (items)							
	FY 1986 <sup>(1)</sup>	FY 1987 <sup>(1)</sup>	FY 1988 <sup>(1)</sup>	FY 1989 <sup>(1)</sup>	FY 1990 <sup>(2)</sup>	FY 1991 <sup>(2)</sup>	FY 1992 <sup>(2)</sup>	FY 1993
Tactical Nuclear	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LOE: Rockets	N/A	N/A	N/A	N/A	N/A	N/A	N/A	8569
LOE: Bombs	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1144
LOE: Gun Ammo (20mm-16")	N/A	N/A	N/A	N/A	N/A	N/A	N/A	982839
LOE: Small Arms (up to 50 cal.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	48418262
LOE: Pyro/Demo	N/A	N/A	N/A	N/A	N/A	N/A	N/A	516911
Grenades/Mortars/Projectiles	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1552901
Explosive Component Storage <sup>(3)</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	661898
NAPALM <sup>(4)</sup>	35000	35000	35000	35000	35000	35000	35000	35000

NOTES:

(1) Records not available.

(2) Until Oct 1993, NAVORDCEN PACDIV Fallbrook Detachment was part of NWS Seal Beach (N60701). Ordnance inventory data was not kept by site. Therefore, requested inventory data between 1990 and 1992 (inclusive) will be submitted as part of the NWS Seal Beach BRAC 95 data call.

(3) Storage space is required for explosive components (warheads, rocket motors, etc) of All up Round (AURs) missiles and other items. Only AURs are shown in all other rows above.

(4) Fallbrook is storing old NAPALM canisters outdoor. Current plans call for the disposal of the NAPALM by 1999 at a cost of \$12.0M.

Activity: 00396

**1. Inventory, continued**

**Table 1.1.b: Historic and Predicted Inventory**

Ammunition / Ordnance Commodity Type	Units in Inventory (items)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Air Launched Threat	7751	8387	9023	9659	10295	10932	10932	10932
Surface Launched Threat	6181	6233	6285	6338	6390	6443	6443	6443
Other Threat	569	569	569	569	569	569	569	569
Expendables	1588	43092	84596	126101	167605	209110	209110	209110
INERT	97435	122895	148356	173816	199277	224738	224738	224738
CADs/PADs	26269	163024	299779	436534	573289	710045	710045	710045
Strategic Nuclear	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tactical Nuclear	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LOE: Rockets	8274	8768	9262	9756	10250	10745	10745	10745
LOE: Bombs	412	8093	15775	23457	31139	38821	38821	38821
LOE: Gun Ammo (20mm-16")	949195	1095708	1242221	1388734	1535247	1681760	1681760	1681760
LOE: Small Arms (up to 50 cal)	46888900	46891300	46893700	46896100	46898500	46900900	46900900	46900900
LOE: Pyro/Demo	528896	540799	552703	564607	576511	588415	588415	588415
Grenades / Mortars / Projectiles	1508246	1517114	1525981	1534849	1543716	1552584	1552584	1552584

Activity: 00396

Ammunition / Ordnance Commodity Type	Units in Inventory (items)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Explosive Component Storage <sup>(1)</sup>	691207	703194	715181	727168	739155	751142	751142	751142
NAPALM <sup>(2)</sup>	34800	34800	26100	17400	8700	0	0	0

NOTES:

(1) Storage space is required for explosive components (warheads, rocket motors, etc) of All up Round (AURs) missiles and other items. Only AURs are shown in all other rows above.

(2) Fallbrook is storing old NAPALM canisters outdoors. Current plans call for the disposal of the NAPALM by 1999 at a cost of \$12.0M.

## 2. Stowage

2.1 Identify by units of weapon type the quantity of all weapons which can be presently stored at your facility and the maximum storage capability through FY 2001. In determining maximum capability assume (a) the current projected total workload and mix remains as assigned; (b) maximum personnel and equipment support are available; and (c) facility additions are limited to that MILCON already programmed. In distributing the overall ordnance stowage, choose the best configuration based on type of facilities available and predicted requirements.

**Table 2.1: Present and Predicted Stowage Capability**

Ammunition / Ordnance Commodity Type	Present Stowage Capability	Maximum Stowage Capability
Mines		
Torpedoes		
Air Launched Threat	7,751	10,991
Surface Launched Threat	6,181	6,181
Other Threat	694	694
Expendables	1,937	1,937
INERT	118,823	118,811
CADs/PADs	32,035	32,035
Strategic Nuclear	0	0
Tactical Nuclear	0	0
LOE: Rockets	10,090	10,090
LOE: Bombs	502	502
LOE: Gun Ammo (20mm-16")	1,157,555	1,157,555
LOE: Small Arms (up to 50 cal.)	57,181,580	57,181,580
LOE: Pyro/Demo	644,995	644,995

Activity: 00396

Ammunition / Ordnance Commodity Type	Present Stowage Capability	Maximum Stowage Capability
Grenades / Mortars / Projectiles	1,839,324	1,839,324
Other (specify) AUR Components	842,935	842,935

**2. Stowage, continued**

2.2 Provide, by facility number, the present and predicted inventories and the maximum stowage capability in tons and square feet for each stowage facility (e.g. box, igloo) under your cognizance. Using the assumptions given in section 2.1 in predicting the outyear facility utilization, distribute your overall ordnance compliment to the most likely configuration. When listing storage by facility, group facilities by location (e.g. main base, outlying area, special area, detachment), and identify that location in the space provided. Present and Predicted Inventories' SF reports the square footage required by those inventories; Maximum Stowage SF values will indicate the total square footage available. Reproduce Table 2.2 as necessary. *If any non-DON inventory is held/programmed to be held, report that material separately from your DON stock.*

**Table 2.2: Total Facility Capability Summary**

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
321	0.5	54.0	1.0	54.0	1.0	54.0
322	0.5	54.0	1.0	54.0	1.0	54.0
323	0.5	54.0	1.0	54.0	1.0	54.0
327	0.5	54.0	1.0	54.0	1.0	54.0
328	0.5	54.0	1.0	54.0	1.0	54.0
346	0.5	70.0	1.0	70.0	1.0	70.0
436	0.5	49.0	1.0	49.0	1.0	49.0
455	0.5	54.0	1.0	54.0	1.0	54.0
456	0.5	54.0	1.0	54.0	1.0	54.0
457	0.5	54.0	1.0	54.0	1.0	54.0
458	0.5	54.0	1.0	54.0	1.0	54.0
501	0.5	500.0	8.0	500.0	8.0	500.0
502	0.5	500.0	8.0	500.0	8.0	500.0
503	2.5	500.0	8.0	500.0	8.0	500.0

Activity: 00396

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
504	2.2	333.4	8.0	500.0	8.0	500.0
505	1.1	166.7	8.0	500.0	8.0	500.0
506	2.3	250.0	8.0	500.0	8.0	500.0
507	1.1	500.0	8.0	500.0	8.0	500.0
508	0.2	250.0	8.0	500.0	8.0	500.0
509	0.7	500.0	8.0	500.0	8.0	500.0
510	2.1	175.0	8.0	500.0	8.0	500.0
511	5.1	500.0	8.0	500.0	8.0	500.0
512	4.1	500.0	8.0	500.0	8.0	500.0
513	3.1	500.0	8.0	500.0	8.0	500.0
514	2.6	500.0	8.0	500.0	8.0	500.0
515	0.2	500.0	8.0	500.0	8.0	500.0
516	1.9	500.0	8.0	500.0	8.0	500.0
517	0.5	333.4	8.0	500.0	8.0	500.0
518	1.3	333.4	8.0	500.0	8.0	500.0
519	0.5	333.4	8.0	500.0	8.0	500.0
541	0.9	204.0	2.0	204.0	2.0	204.0
542	2.0	204.0	2.0	204.0	2.0	204.0
543	0.4	136.0	2.0	204.0	2.0	204.0
544	0.8	204.0	2.0	204.0	2.0	204.0
545	0.0	102.0	2.0	204	0.0	204
561	6.7	625.0	13.4	1250	13.4	1250
562	4.6	833.4	6.9	1250	6.9	1250
563	1.0	500.0	8.0	500	8.0	500



Activity: 00396

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
564	10.1	1250.0	10.1	1250	10.1	1250
565	20.7	1250.0	20.7	1250	20.7	1250
566	21.7	1250.0	21.7	1250	21.7	1250
601	98.0	4687.5	104.5	5000	104.5	5000
602	1.5	1000.0	7.5	5000	7.5	5000
603	624.8	3944.5	792.0	5000	792.0	5000
604	282.1	2333.5	604.5	5000	604.5	5000
605	971.4	4285.5	1133.4	5000	1133.4	5000
606	511.0	4699.0	543.7	5000	543.7	5000
607	497.5	5000.0	497.5	5000	497.5	5000
608	24.1	4166.5	28.9	5000	28.9	5000
609	291.2	5000.0	291.2	5000	291.2	5000
610	97.2	1505.5	322.8	5000	322.8	5000
611	306.9	5000.0	306.9	5000	306.9	5000
612	331.1	5000.0	331.1	5000	331.1	5000
613	305.6	5000.0	305.6	5000	305.6	5000
614	99.0	4285.5	115.5	5000	115.5	5000
615	288.7	5000.0	288.7	5000	288.7	5000
616	316.9	5000.0	316.9	5000	316.9	5000
617	116.7	5000.0	116.7	5000	116.7	5000
618	155.1	4666.5	166.2	5000	166.2	5000
619	179.3	2736.0	327.7	5000	327.7	5000
620	178.9	2685.0	333.1	5000	333.1	5000
621	80.0	4285.5	93.3	5000	93.3	5000

Activity: 00396

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
622	78.9	4285.5	92.1	5000	92.1	5000
623	138.0	4285.5	161.0	5000	161.0	5000
624	116.3	4643.0	125.2	5000	125.2	5000
625	147.6	1879.5	392.7	5000	392.7	5000
626	20.4	2000.0	20.4	2000	20.4	2000
626	17.6	1777.8	19.8	2000	19.8	2000
626	25.5	2000.0	25.5	2000	25.5	2000
627	3.2	1777.8	3.6	2000	3.6	2000
627	16.3	2000.0	16.3	2000	16.3	2000
627	37.8	2000.0	37.8	2000	37.8	2000
628	47.5	2000.0	47.5	2000	47.5	2000
628	67.2	1777.8	75.6	2000	75.6	2000
628	26.8	1777.8	30.1	2000	30.1	2000
629	49.0	2000.0	49.0	2000	49.0	2000
629	48.0	1777.8	54.0	2000	54.0	2000
629	35.6	2000.0	35.6	2000	35.6	2000
630	109.3	1777.8	123.0	2000	123.0	2000
630	51.5	1166.6	88.3	2000	88.3	2000
630	69.0	1770.8	77.9	2000	77.9	2000
631	84.9	1555.6	109.2	2000	109.2	2000
631	129.6	1750.0	148.1	2000	148.1	2000
631	48.7	2000.0	48.7	2000	48.7	2000
632	69.4	1791.6	77.5	2000	77.5	2000
632	76.1	2000.0	76.1	2000	76.1	2000

Activity: 00396

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
632	94.9	2000.0	94.9	2000	94.9	2000
633	29.3	1500.0	39.1	2000	39.1	2000
633	2.8	500.0	11.2	2000	11.2	2000
633	37.9	1100.0	68.9	2000	68.9	2000
634	85.8	2000.0	85.8	2000	85.8	2000
634	131.7	1500.0	175.6	2000	175.6	2000
634	11.5	1500.0	15.3	2000	15.3	2000
635	59.4	1777.8	66.8	2000	66.8	2000
635	68.0	2000.0	68.0	2000	68.0	2000
635	44.9	2000.0	44.9	2000	44.9	2000
636	91.5	4769.0	95.9	5000	95.9	5000
637	137.1	2694.5	254.4	5000	254.4	5000
638	73.4	5000.0	73.4	5000	73.4	5000
639	35.0	4333.5	40.4	5000	40.4	5000
640	100.8	4643.0	108.6	5000	108.6	5000
641	185.9	4666.5	199.2	5000	199.2	5000
642	402.1	4643.0	433.0	5000	433.0	5000
643	235.2	4333.5	271.4	5000	271.4	5000
644	19.6	1428.5	68.6	5000	68.6	5000
645	133.6	4643.0	143.9	5000	143.9	5000
646	36.4	1225.0	148.6	5000	148.6	5000
647	66.3	3153.0	105.1	5000	105.1	5000
648	31.3	3928.5	39.8	5000	39.8	5000
649	119.0	4285.5	138.8	5000	138.8	5000

Activity: 00396

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
650	32.5	1250.0	130.0	5000	130.0	5000
651	147.7	5000.0	147.7	5000	147.7	5000
652	166.7	5000.0	166.7	5000	166.7	5000
653	127.7	4722.0	135.2	5000	135.2	5000
671	14.9	1750.0	17.0	2000	17.0	2000
672	66.9	1777.8	75.3	2000	75.3	2000
673	157.1	2000.0	157.1	2000	157.1	2000
674	97.9	1687.6	116.0	2000	116.0	2000
675	16.5	1041.6	31.7	2000	31.7	2000
676	86.4	1777.8	97.2	2000	97.2	2000
677	61.9	2000.0	61.9	2000	61.9	2000
678	8.1	1500.0	10.8	2000	10.8	2000
679	179.2	2000.0	179.2	2000	179.2	2000
680	101.4	2000.0	101.4	2000	101.4	2000
701	138.8	1872.8	148.2	2000	148.2	2000
702	196.9	2000.0	196.9	2000	196.9	2000
703	76.0	2000.0	76.0	2000	76.0	2000
704	129.9	2000.0	129.9	2000	129.9	2000
705	119.3	1751.6	136.2	2000	136.2	2000
706	216.3	2000.0	216.3	2000	216.3	2000
707	61.4	1577.0	77.9	2000	77.9	2000
708	197.3	2000.0	197.3	2000	197.3	2000
709	75.6	2000.0	75.6	2000	75.6	2000
710	191.0	1250.0	305.6	2000	305.6	2000

Activity: 00396

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
731	165.8	1777.8	186.5	2000	186.5	2000
732	213.9	1777.8	240.6	2000	240.6	2000
733	111.7	2000.0	111.7	2000	111.7	2000
734	230.1	1777.8	258.9	2000	258.9	2000
735	84.3	1750.0	96.3	2000	96.3	2000
736	88.1	1777.8	99.1	2000	99.1	2000
737	160.9	2000.0	160.9	2000	160.9	2000
738	133.2	1750.0	152.2	2000	152.2	2000
739	226.5	2000.0	226.5	2000	226.5	2000
740	84.7	2000.0	84.7	2000	84.7	2000
741	2.9	250.0	23.2	2000	23.2	2000
761	90.3	2000.0	90.3	2000	90.3	2000
762	128.4	2000.0	128.4	2000	128.4	2000
763	198.4	2000.0	198.4	2000	198.4	2000
764	168.4	2000.0	168.4	2000	168.4	2000
765	216.8	2000.0	216.8	2000	216.8	2000
766	78.0	2000.0	78.0	2000	78.0	2000
767	233.1	2000.0	233.1	2000	233.1	2000
768	4.7	1500.0	6.3	2000	6.3	2000
769	47.2	2000.0	47.2	2000	47.2	2000
770	54.4	1750.0	62.2	2000	62.2	2000
781	23.7	2000.0	23.7	2000	23.7	2000
782	81.0	2000.0	81.0	2000	81.0	2000
783	84.6	2000.0	84.6	2000	84.6	2000

## Activity: 00396

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
784	70.2	2000.0	70.2	2000	70.2	2000
801	110.3	2000.0	110.3	2000	110.3	2000
802	16.8	2000.0	16.8	2000	16.8	2000
803	152.9	2000.0	152.9	2000	152.9	2000
804	107.9	1125.0	191.8	2000	191.8	2000
805	197.3	2000.0	197.3	2000	197.3	2000
806	12.4	1750.0	14.2	2000	14.2	2000
807	77.9	1916.6	81.3	2000	81.3	2000
808	73.6	2000.0	73.6	2000	73.6	2000
809	67.6	1777.8	76.0	2000	76.0	2000
810	254.2	1583.4	321.1	2000	321.1	2000
831	218.8	2000.0	218.8	2000	218.8	2000
832	173.3	2000.0	173.3	2000	173.3	2000
833	225.6	1951.2	231.2	2000	231.2	2000
834	226.4	2000.0	226.4	2000	226.4	2000
835	198.9	1750.0	227.3	2000	227.3	2000
836	218.7	2000.0	218.7	2000	218.7	2000
837	142.4	2000.0	142.4	2000	142.4	2000
838	175.2	1541.6	227.3	2000	227.3	2000
839	216.4	1777.8	243.4	2000	243.4	2000
840	201.1	1777.8	226.2	2000	226.2	2000
851	2.7	1112.6	3.4	1416	3.4	1416
852	21.2	1250.0	33.9	2000	33.9	2000
861	43.3	2000.0	43.3	2000	43.3	2000

Activity: 00396

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
862	27.2	1555.6	35.0	2000	35.0	2000
863	98.7	1777.8	111.0	2000	111.0	2000
864	166.8	1633.4	204.2	2000	204.2	2000
865	5.9	1250.0	9.4	2000	9.4	2000
866	17.7	500.0	70.8	2000	70.8	2000
867	71.9	2000.0	71.9	2000	71.9	2000
868	41.0	1750.0	46.9	2000	46.9	2000
869	27.8	750.0	74.1	2000	74.1	2000
870	21.7	1333.4	32.5	2000	32.5	2000
871	37.3	2000.0	37.3	2000	37.3	2000
872	71.4	1777.8	80.3	2000	80.3	2000
873	20.9	888.8	47.0	2000	47.0	2000
874	4.4	250.0	35.2	2000	35.2	2000
875	13.2	666.6	39.6	2000	39.6	2000
876	126.0	2000.0	126.0	2000	126.0	2000
877	57.9	2000.0	57.9	2000	57.9	2000
878	0.0	888.8	0.0	2000	0.0	2000
879	7.1	666.6	21.3	2000	21.3	2000
880	18.5	1777.8	20.8	2000	20.8	2000
881	0.8	222.2	7.2	2000	7.2	2000
922	619.0	7926.0	619.0	7926	619.0	7926
923	321.9	7926.0	321.9	7926	321.9	7926
924	141.0	7811.9	180.2	9982	180.2	9982
925	408.0	9547.8	426.6	9982	426.6	9982

Activity: 00396

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
926	366.6	9982.0	366.6	9982	366.6	9982
927	379.5	9982.0	379.5	9982	379.5	9982
P-143 (A) <sup>(1)</sup>	380.0	9982.0	380.0	9982	380.0	9982
P-143 (B) <sup>(1)</sup>	380.0	9982.0	380.0	9982	380.0	9982
TOTAL	21,467.3	439,786.1	25,755.5	544,035	25,755.5	554,035
NOTES:						
(1) P-143 Will Construct 2 HARM missile magazine. This project will be completed by Feb, 1995						



Activity: 00396

**2. Stowage, continued**

**2.3** In the table below, provide the basic characteristics of the stowage facilities under your cognizance. Identify the type of structure (e.g. box, igloo), its rated category, rated Net Explosive Weight (N.E.W.) and status of ESQD arc for each stowage facility listed above.

**Table 2.3: Facility Rated Status**

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.  (000s)	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
321 KEYPORT	1.1	4	Y	N	N/A
322 KEYPORT	1.1	4	Y	N	N/A
323 KEYPORT	1.1	3	Y	N	N/A
327 KEYPORT	1.1	100	Y	N	N/A
328 KEYPORT	1.1	100	Y	N	N/A
346 KEYPORT	1.1	100	Y	N	N/A
436 KEYPORT	1.1	4	Y	N	N/A
455 KEYPORT	1.1	2	Y	N	N/A
456 KEYPORT	1.1	1.5	Y	N	N/A
457 KEYPORT	1.1	1	Y	N	N/A
458 KEYPORT	1.1	100	Y	N	N/A
501 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
502 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
503 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A

Activity: 00396

Facility Number / Type	Hazard Rating (1.1- 1.4)	Rated N.E.W  (000s)	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
504 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
505 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
506 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
507 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
508 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
509 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
510 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
511 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
512 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
513 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
514 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
515 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
516 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
517 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
518 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
519 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
541 IGLOO/BULK HE/SPP	1.1	15	Y	N	N/A
542 IGLOO/BULK HE/SPP	1.1	15	Y	N	N/A
543 IGLOO/BULK HE/SPP	1.1	15	Y	N	N/A
544 IGLOO/BULK HE/SPP	1.1	15	Y	N	N/A

Activity: 00396

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W (000s)	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
545 IGLOO/BULK HE/SPP	1.1	15	Y	N	N/A
561 IGLOO/BULK HE/SPP	1.1	190	Y	N	N/A
562 IGLOO/BULK HE/SPP	1.1	175	Y	N	N/A
563 IGLOO/BULK HE/SPP	1.1	175	Y	N	N/A
564 IGLOO/BULK HE/SPP	1.1	170	Y	N	N/A
565 IGLOO/BULK HE/SPP	1.1	150	Y	N	N/A
566 IGLOO/BULK HE/SPP	1.1	110	Y	N	N/A
601 BOX	1.1	200	Y	N	N/A
602 BOX	1.1	225	Y	N	N/A
603 BOX	1.1	325	Y	N	N/A
604 BOX	1.1	500	Y	N	N/A
605 BOX	1.1	500	Y	N	N/A
606 BOX	1.1	500	Y	N	N/A
607 BOX	1.1	200	Y	N	N/A
608 BOX	1.1	175	Y	N	N/A
609 BOX	1.1	170	Y	N	N/A
610 BOX	1.1	175	Y	N	N/A
611 BOX	1.1	225	Y	N	N/A
612 BOX	1.1	250	Y	N	N/A
613 BOX	1.1	300	Y	N	N/A

Activity: 00396

Facility Number / Type	Hazard Rating (1.1- 1.4)	Rated N.E.W  (000s)	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
614 BOX	1.1	375	Y	N	N/A
615 BOX	1.1	350	Y	N	N/A
616 BOX	1.1	175	Y	N	N/A
617 BOX	1.1	175	Y	N	N/A
618 BOX	1.1	200	Y	N	N/A
619 BOX	1.1	225	Y	N	N/A
620 BOX	1.1	225	Y	N	N/A
621 BOX	1.1	225	Y	N	N/A
622 BOX	1.1	200	Y	N	N/A
623 BOX	1.1	150	Y	N	N/A
624 BOX	1.1	60	Y	N	N/A
625 BOX	1.1	110	Y	N	N/A
626 IGLOO/BULK HE/SPP	1.1	12	Y	N	N/A
626 IGLOO/BULK HE/SPP	1.1	12	Y	N	N/A
626 IGLOO/BULK HE/SPP	1.1	12	Y	N	N/A
627 IGLOO/BULK HE/SPP	1.1	125	Y	N	N/A
627 IGLOO/BULK HE/SPP	1.1	125	Y	N	N/A
627 IGLOO/BULK HE/SPP	1.1	125	Y	N	N/A
628 IGLOO/BULK HE/SPP	1.1	150	Y	N	N/A
628 IGLOO/BULK HE/SPP	1.1	150	Y	N	N/A

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Facility Number / Type	Hazard Rating (1.1- 1.4)	Rated N.E.W  (000s)	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
628 IGLOO/BULK HE/SPP	1.1	150	Y	N	N/A
629 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
629 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
629 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
630 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
630 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
630 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
631 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
631 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
631 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
632 IGLOO/BULK HE/SPP	1.1	108	Y	N	N/A
632 IGLOO/BULK HE/SPP	1.1	108	Y	N	N/A
632 IGLOO/BULK HE/SPP	1.1	108	Y	N	N/A
633 IGLOO/BULK HE/SPP	1.1	108	Y	N	N/A
633 IGLOO/BULK HE/SPP	1.1	108	Y	N	N/A
633 IGLOO/BULK HE/SPP	1.1	108	Y	N	N/A
634 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
634 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
634 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
635 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A

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Facility Number / Type	Hazard Rating (1.1- 1.4)	Rated N.E.W  (000s)	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
635 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
635 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
636 BOX	1.1	170	Y	N	N/A
637 BOX	1.1	200	Y	N	N/A
638 BOX	1.1	250	Y	N	N/A
639 BOX	1.1	70	Y	N	N/A
640 BOX	1.1	100	Y	N	N/A
641 BOX	1.1	150	Y	N	N/A
642 BOX	1.1	500	Y	N	N/A
643 BOX	1.1	500	Y	N	N/A
644 BOX	1.1	500	Y	N	N/A
645 BOX	1.1	160	Y	N	N/A
646 BOX	1.1	175	Y	N	N/A
647 BOX	1.1	200	Y	N	N/A
648 BOX	1.1	200	Y	N	N/A
649 BOX	1.1	180	Y	N	N/A
650 BOX	1.1	150	Y	N	N/A
651 BOX	1.1	500	Y	N	N/A
652 BOX	1.1	500	Y	N	N/A
653 BOX	1.1	500	Y	N	N/A

Activity: 00396

Facility Number / Type	Hazard Rating (1.1- 1.4)	Rated N.E.W  (000s)	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
671 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
672 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
673 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
674 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
675 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
676 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
677 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
678 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
679 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
680 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
701 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
702 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
703 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
704 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
705 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
706 IGLOO/BULK HE/SPP	1.1	300	Y	N	N/A
707 IGLOO/BULK HE/SPP	1.1	200	Y	N	N/A
708 IGLOO/BULK HE/SPP	1.1	125	Y	N	N/A
709 IGLOO/BULK HE/SPP	1.1	200	Y	N	N/A
710 IGLOO/BULK HE/SPP	1.1	180	Y	N	N/A

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Facility Number / Type	Hazard Rating (1.1- 1.4)	Rated N.E.W  (000s)	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
731 IGLOO/BULK HE/SPP	1.1	275	Y	N	N/A
732 IGLOO/BULK HE/SPP	1.1	200	Y	N	N/A
733 IGLOO/BULK HE/SPP	1.1	200	Y	N	N/A
734 IGLOO/BULK HE/SPP	1.1	400	Y	N	N/A
735 IGLOO/BULK HE/SPP	1.1	325	Y	N	N/A
736 IGLOO/BULK HE/SPP	1.1	325	Y	N	N/A
737 IGLOO/BULK HE/SPP	1.1	225	Y	N	N/A
738 IGLOO/BULK HE/SPP	1.1	300	Y	N	N/A
739 IGLOO/BULK HE/SPP	1.1	200	Y	N	N/A
740 IGLOO/BULK HE/SPP	1.1	200	Y	N	N/A
741 IGLOO/BULK HE/SPP	1.1	250	Y	N	N/A
761 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
762 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
763 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
764 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
765 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
766 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
767 IGLOO/BULK HE/SPP	1.1	300	Y	N	N/A
768 IGLOO/BULK HE/SPP	1.1	15	Y	N	N/A
769 IGLOO/BULK HE/SPP	1.1	40	Y	N	N/A



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Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W (000s)	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
770 IGLOO/BULK HE/SPP	1.1	150	Y	N	N/A
781 IGLOO/BULK HE/SPP	1.1	225	Y	N	N/A
782 IGLOO/BULK HE/SPP	1.1	250	Y	N	N/A
783 IGLOO/BULK HE/SPP	1.1	400	Y	N	N/A
784 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
801 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
802 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
803 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
804 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
805 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
806 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
807 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
808 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
809 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
810 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
831 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
832 IGLOO/BULK HE/SPP	1.1	425	Y	N	N/A
833 IGLOO/BULK HE/SPP	1.1	325	Y	N	N/A
834 IGLOO/BULK HE/SPP	1.1	300	Y	N	N/A
835 IGLOO/BULK HE/SPP	1.1	200	Y	N	N/A

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Facility Number / Type	Hazard Rating (1.1- 1.4)	Rated N.E.W  (000s)	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
836 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
837 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
838 IGLOO/BULK HE/SPP	1.1	375	Y	N	N/A
839 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
840 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
851 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
852 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
861 IGLOO/BULK HE/SPP	1.1	150	Y	N	N/A
862 IGLOO/BULK HE/SPP	1.1	150	Y	N	N/A
863 IGLOO/BULK HE/SPP	1.1	200	Y	N	N/A
864 IGLOO/BULK HE/SPP	1.1	200	Y	N	N/A
865 IGLOO/BULK HE/SPP	1.1	150	Y	N	N/A
866 IGLOO/BULK HE/SPP	1.1	200	Y	N	N/A
867 IGLOO/BULK HE/SPP	1.1	160	Y	N	N/A
868 IGLOO/BULK HE/SPP	1.1	150	Y	N	N/A
869 IGLOO/BULK HE/SPP	1.1	150	Y	N	N/A
870 IGLOO/BULK HE/SPP	1.1	140	Y	N	N/A
871 IGLOO/BULK HE/SPP	1.1	250	Y	N	N/A
872 IGLOO/BULK HE/SPP	1.1	250	Y	N	N/A
873 IGLOO/BULK HE/SPP	1.1	275	Y	N	N/A

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Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W (000s)	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
874 IGLOO/BULK HE/SPP	1.1	350	Y	N	N/A
875 IGLOO/BULK HE/SPP	1.1	400	Y	N	N/A
876 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
877 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
878 IGLOO/BULK HE/SPP	1.1	450	Y	N	N/A
879 IGLOO/BULK HE/SPP	1.1	450	Y	N	N/A
880 IGLOO/BULK HE/SPP	1.1	375	Y	N	N/A
881 IGLOO/BULK HE/SPP	1.1	350	Y	N	N/A
922 MISSILE	1.1	400	Y	N	N/A
923 MISSILE	1.1	325	Y	N	N/A
924 MISSILE	1.1	375	Y	N	N/A
925 MISSILE	1.1	400	Y	N	N/A
926 MISSILE	1.1	250	Y	N	N/A
927 MISSILE	1.1	425	Y	N	N/A
P-143 (A) <sup>(1)</sup>	1.1	350			
P-143 (B) <sup>(1)</sup>	1.1	350			
P-143 is currently under construction. Completion is expected in February 1995.					

## **2. Stowage, continued**

**2.4** Provide details of your calculations and the assumptions made to determine the differences reported in Table 2.2. between present and maximum capability, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased stowage workload at this activity. Indicate by Fiscal Year (FY) when programmed MILCON will increase your stowage capability and by how much. Specify any factors that significantly inhibit this facility realizing its maximum storage capability (e.g. condition of storage facilities, personnel to maintain necessary operations, operating equipment, ESQD limits, environmental constraints, physical security, etc.).

Present capability is based on the Building Utilization Report provided by NSWC Crane and dated 1 April 1994. This report shows the present utilization of each magazine located at this activity, the tonnage of ordnance currently stored in the magazine, and the percentage of total available storage space being utilized.

Explosive ordnance at the Fallbrook site is stored based on a stow plan that maximizes the quantities of items to be stored in the magazines based on

- Net Explosive Weight (NEW) constraints
- Compatibility Constraints
- Pallet/Container stacking constraints

Therefore, it is assumed that the square footage and tonnage reported in the 8023 report is a good representation of maximum utilization of a given magazine based on the type of ordnance currently stored within. Maximum square footage shown for each magazine, represents the available space inside the magazine for ordnance storage.

Predicted utilization of magazines in 2001 was based on increases or decreases to our inventory to meet load plan requirements as shown in Table 1.1. for the year 2001. Based on a comparison of FY 2001 quantities of ordnance to be stored at NAVORDCEN PACDIV Fallbrook to maximum capacity quantities shown in table 2.1, NAVORDCEN PACDIV Fallbrook will be required to store more units in most categories than it is currently capable of storing. Although completion of MILCON projects P-143 (2 HARM missile magazines, Feb 95), P-200 (2 JSOW missile magazines, FY 2000), P-202 (1 AMRAAM magazine, FY 2000) and DEMIL will reduce this shortage, storage of some of the excess ordnance may be required at another activity.

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**2.5** For each inhibiting item identified in question 2.4, assess a cost or impact of eliminating the inhibitor, the Fiscal Year (FY) in which such elimination would be completed, and the quantity increase in storage capability realized (express in terms of tons and square feet).

N/A

**2.6** Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance stowage at this activity (AICUZ encroachment, pollutant discharge, etc.)?

None

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**Mission Area**

**3. Throughput**

**3.1** Based on current programmed workload and mix, identify the current outload requirements for each commodity type of each munition stored at this facility, in each of the following operational scenarios. Provide Unit Throughput as available.

**Table 3.1.a: Over-The-Pier Throughput Requirements (VERTREP)**

Munitions Type	Throughput Requirement (tons/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE	217	224	228
Threat	93	96	97
Nuclear Threat	0	0	0
Other	0	0	0

Note: Actual tonnage may vary between LOE and Threat but total tonnage will remain constant.

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Table 3.1.b: **Over-The-Pier Throughput**

**Requirements (VERTREP)**

Munitions Type	Throughput Requirement (units/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE	217 PLTS	224 PLTS	228 PLTS
Threat	93 PLTS	96 PLTS	97 PLTS
Nuclear Threat	N/A	N/A	N/A
Other	N/A	N/A	N/A

Note: Actual quantities may vary between LOE and Threat but total tonnage will remain constant.

### 3. Throughput, continued

**3.2** Identify the throughput in Tons for your facility as rated, as required under the operational conditions specified, and as executed or programmed for requested Fiscal Years. In determining your maximum rated capability, assume: (a) the current projected total

workload and mix remains as assigned; (b) maximum personnel and equipment support are available; and (c) facility additions are limited to that MILCON already programmed. In distributing the overall ordnance requirement, choose the best configuration based on type of facilities available and predicted requirements. In the space provided below Table 3.2.a, detail the basis for your calculations of your maximum rated capability. If the Fiscal Years sampled in Table 3.2.b do not reflect your highest and lowest levels of activity for the period FY 1986-2001, add those years in the space provided.

Table 3.2.a: **Throughput in Tons/Day**

		PIER	VERTREP	RAIL	TRUCK
Maximum Rated Capability (2 - 10 hr. shifts)	LOE	N/A	228 <sup>(1)</sup>	N/A	168 <sup>(1)</sup>
	Threat	N/A	97 <sup>(1)</sup>	N/A	72 <sup>(1)</sup>
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0
Requirement (Peacetime Operations)	LOE	N/A	217	N/A	53
	Threat	N/A	93	N/A	22
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0
Requirement (Mobilization) <sup>(2)</sup> (2 - 10 hr. shifts)	LOE	N/A	224	N/A	126
	Threat	N/A	96	N/A	54
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0



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		PIER	VERTREP	RAIL	TRUCK
Requirement (Sustainment) <sup>(2)</sup>  (2 - 10 hr. shifts)	LOE	N/A	228	N/A	168
	Threat	N/A	97	N/A	72
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0
<p>NOTES:</p> <p>(1) Note: Actual tonnage may vary between LOE and Threat but total tonnage will remain constant. Total Maximum Rated Capability is 325 tons/day - VERTREP and 240 tons/day - TRUCK and is not cumulative but may consist of either weapon type.</p> <p>(2) It is recognized the Mobilization and Sustainment requirements reflect a higher state of operations and readiness, and that the associated work period may well exceed the "1-8-5".</p>					

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3. Throughput, continued

Table 3.2.b: Historic and Predicted Throughput in Tons/Annual

		PIER	VERTREP	RAIL	TRUCK
FY 1986 (Executed)	LOE	N/A	N/A	N/A	N/A
	Threat	N/A	N/A	N/A	N/A
	Nuclear Threat	N/A	N/A	N/A	N/A
	Other	N/A	N/A	N/A	N/A
FY 1991 (Executed)	LOE	N/A	960	N/A	5290
	Threat	N/A	384	N/A	2553
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0
FY 1994 (Executed)	LOE	N/A	1193	N/A	633
	Threat	N/A	25	N/A	1158
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0

## 3. Throughput, continued

Table 3.2.c: Historic and Predicted Throughput in Tons/Annual

		PIER	VERTREP	RAIL	TRUCK
FY 1997 (Programmed)	LOE	N/A	1916	N/A	5897
	Threat	N/A	744	N/A	2527
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0
FY 2001 (Programmed)	LOE	N/A	2163	N/A	5897
	Threat	N/A	744	N/A	2527
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0
FY: SEE NOTE 1	LOE	N/A	671	N/A	633
	Threat	N/A	25	N/A	1158
	Nuclear Threat				
	Other				
FY: SEE NOTE 2	LOE	N/A	5290	N/A	1659
	Threat	N/A	2553	N/A	1324
	Nuclear Threat				

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Other				

NOTE:

(1) Minimum LOE VERTREP occurred in 1993 LOE truck in 1994, Threat VERTREP 1994, Threat truck 1994

(2) Maximum LOE VERTREP occurred in 1991, LOE truck in 1991, Threat VERTREP 1991, Threat truck 1991

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### 3. Throughput, continued

**3.3** Identify the annual throughput, by type of receiving vessel, in short tons, for the period requested. Specify all non-DON recipients of ordnance from your activity (e.g. Army, FMS).

**Table 3.3.a: Historic/Programmed Ordnance Throughput Capability**

Type of Ship		Annual Short Tons Throughput							
		FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Combatants	CV /CV N	N/A	N/A	N/A	N/A	0	212	833	331
	Other	N/A	N/A	N/A	N/A	0	0	0	0
Navy Bulk (AE, AOE, AOR, etc.)		N/A	N/A	N/A	N/A	157	172	0	331
Navy Amphibious Ships		N/A	N/A	N/A	N/A	0	960	3874	671
Other Break Bulk		N/A	N/A	N/A	N/A	0	0	0	0
Container Ship		N/A	N/A	N/A	N/A	0	0	0	0
NOTES:									
N/A VERTREP Operations began in 1990									

## 3. Throughput, continued

Table 3.3.b: Historic/Programmed Ordnance Throughput Capability

Type of Ship		Annual Short Tons Throughput							
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Combatants	CV / CVN	0	744	744	744	744	744	744	744
	Other	0	0	0	0	0	0	0	0
Navy Bulk (AE, AOE, AOR, etc.)		24.7	0	0	0	0	0	0	0
Navy Amphibious Ships		2328	1856 (1)	3584 (2)	1916 (3)	2163	2163	2163	2163
Other Break Bulk		0	0	0	0	0	0	0	0
Container Ship		0	0	0	0	0	0	0	0
NOTES (1) Reduction due to ship decommissioning (2) New class of amphib ships commissioned (3) Reduction due to newly commissioned ships not down loading for maint. cycles until following year.									

### 3. Throughput, continued

**3.4** Assuming (a) the current projected total workload and mix remains as assigned; (b) that sufficient demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this activity could expand the ordnance outload conducted, based on the current and future planned workload mixes? Please provide your response in annual throughput, by type of receiving vessel, in short tons, that could be accomplished at this facility for the period requested.

Table 3.4: **Maximum Potential Ordnance Throughput Capability/Per Day**

Type of Ship		Short Tons Throughput						
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Combatants	CV / CVN	97	97	97	97	97	97	97
	Other	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Navy Bulk (AE, AOE, AOR, etc.)		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Navy Amphibious Ships		228	228	228	228	228	228	228
Other Break Bulk		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Container Ship		N/A	N/A	N/A	N/A	N/A	N/A	N/A

Note: Actual tonnage may vary between Type of Ship but total tonnage will remain constant.

### **3. Throughput, continued**

**3.5** Provide details of the calculations used to complete Tables 3.4, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased outload workload at this activity.

Data was compiled from historic data. Calculations were based on servicing (2), CV/CVN, (1) AE/AOE, (1) LHD/LHA and (2) LPH/LPD a year. A basis was established using historic data to calculate tonnage for each class ship. Tonnage numbers are not cumulative, tons noted are what can be airlifted in a day to any class or numbers of ships.

**3.6** Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform ordnance outloads? What other investments in the industrial infrastructure would you make to increase activity outload capabilities? Describe quantitatively how the changes above would increase your activity's capabilities. What would the associated costs be? What would be the payback period and return on investment?

None are required to meet current mission parameters.

**3.7** Are there any ultimate and overriding limiting factors to expansion of this activity's outloading workload? If so, what are they?

Availability of helicopters.

**3.8** Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance outloading at this activity (AICUZ encroachment, pollutant discharge, etc.)?

None



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**Mission Area**

**4. Maintenance and Testing**

**4.1** By units of ordnance type and by DLMHs, identify what maintenance and testing has been or is programmed to be performed at this location for the period requested. Report depot-level maintenance as a separate line from intermediate-level maintenance.

**Table 4.1.a: Historic and Predicted Maintenance and Testing Workload**

Ordnance Type	Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines								
Torpedoes								
Air Launched Threat	2446	2597	2366	1921	3661	3186	3088	3302
Surface Launched Threat							224	194
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo								

Activity: 00396

Ordnance Type	Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
(20mm-16")								
LOE: Small Arms (up to 50 cal)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								
Total:	2446	2597	2366	1921	3661	3186	3312	3496

**4. Maintenance and Testing, continued****Table 4.1.b: Historic and Predicted Maintenance and Testing Workload**

Ordnance Type	Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines								
Torpedoes								
Air Launched Threat	3020	2705	2863	1681	2062	2033	1674	1674
Surface Launched Threat	468	226	338	199	190	216	167	167
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								

Activity: 00396

Ordnance Type	Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
LOE: Small Arms (up to 50 cal)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								
Total:	3488	2931	3201	1880	2252	2249	1841	1841

Activity: 00396

**4. Maintenance and Testing, continued**

**Table 4.1.c: Historic and Predicted Maintenance and Testing Workload**

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines								
Torpedoes								
Air Launched Threat	61099	110462	91732	80609	103294	79330	113171	96750
Surface Launched Threat							2460	3156
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								

Activity: 00396

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								
Total:	61099	110462	91732	80609	103294	79330	115631	99906

Activity: 00396

**4. Maintenance and Testing, continued**

**Table 4.1.d: Historic and Predicted Maintenance and Testing Workload**

Ordnance Type	DLMHs							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines								
Torpedoes								
Air Launched Threat	124791	73469	76900	79278	84734	65494	67778	68971
Surface Launched Threat	6078	3950	5914	4770	4172	3604	3604	3604
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								

Activity: 00396

Ordnance Type	DLMHs							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal)								
LOE: Pyro/Demo								
Grenades / Mortars/ Projectiles								
Other (specify)								
Total:	130869	77419	82814	84048	88906	69098	71382	72575



Activity: 00396

#### 4. Maintenance and Testing, continued

**4.2** Assuming (a) the current projected total workload remains as assigned; (b) that sufficient demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this activity could expand the maintenance and testing conducted, based on the current and future planned workload mixes? Please provide your response in the absolute number of units throughput and DLMHs that could be accomplished at this facility. Report depot-level maintenance as a separate line from intermediate maintenance.

Table 4.2.a: Maximum Potential Maintenance and Testing Workload

Ordnance Type	Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines							
Torpedoes							
Air Launched Threat	21019	21019	21019	21019	21019	21019	21019
Surface Launched Threat	1106	1106	1106	1106	1106	1106	1106
Other Threat							
Expendables							
INERT							
CADs/PADs							
Strategic Nuclear							
Tactical Nuclear							

Activity: 00396

Ordnance Type	Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
LOE: Rockets							
LOE: Bombs							
LOE: Gun Ammo (20mm-16")							
LOE: Small Arms (up to 50 cal)							
LOE: Pyro/Demo							
Grenades / Mortars / Projectiles							
Other (specify)							
Total:	22125	22125	22125	22125	22125	22125	22125

Activity: 00396

**4. Maintenance and Testing, continued**

**Table 4.2.b: Maximum Potential Maintenance and Testing Workload**

Ordnance Type	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines							
Torpedoes							
Air Launched Threat	346490	346490	346490	346490	346490	346490	346490
Surface Launched Threat	7067	7067	7067	7067	7067	7067	7067
Other Threat							
Expendables							
INERT							
CADs/PADs							
Strategic Nuclear							
Tactical Nuclear							
LOE: Rockets							
LOE: Bombs							
LOE: Gun Ammo (20mm-16")							
LOE: Small Arms (up							

Activity: 00396

Ordnance Type	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
to 50 cal)							
LOE: Pyro/Demo							
Grenades / Mortars / Projectiles							
Other (specify)							
Total:	353557	353557	353557	353557	353557	353557	353557

#### **4. Maintenance and Testing, continued**

**4.3** Provide details of the calculations used to complete Tables 4.2, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased maintenance and testing workload at this activity.

Testing of air launched missiles is constrained by (a) either test cell capacity, or (b) production floor space. Current production facilities have 5 test cells one of which is capable of testing 2 missiles simultaneously. A new facility (available 1 October 1994) is being constructed that will provide 4 new test cells that will allow testing of two missiles simultaneously. Based on the above, at any given time 14 missiles could be being tested simultaneously in our production facilities.

To determine the throughput capacity of test cells, several factors must be considered, they include:

- average cell time,
- number of tests,
- hours available,
- test set availability

Average cell time represents the amount of time a missile is in the test cell being tested.

Number of tests is based on the number of retests that are required before a missile passes.

Number of hours available is the number of hours in a workyear (2010)

Test set availability is the amount of time the test set is available to do testing and takes into account the amount of time the test set is down for maintenance.

Average cell time, number of tests, and test set availability time vary from missile to missile system. To derive these figures, a weighted average based on current workload was used.

To determine the actual capacity the equation used was:

\_\_\_\_\_

$$\frac{14 * 2010 * .7894}{.8975 * 1.119} = 22,125 \text{ missiles}$$

Based on the above throughput capacity is:

$$\text{or } \frac{13 \times 12 \times 2010}{13.58} = 23,089$$

**4.4** Table 4.7, on the following page, may be used as a worksheet for the following questions. Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform maintenance and testing workload? What other investments in the industrial infrastructure would you make to increase maintenance and testing capabilities? Describe quantitatively how the changes above would increase your activity's capabilities. What would the associated costs be? What would be the payback period and return on investment?

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Activity: 00396

**4.5** Are there any ultimate and overriding limiting factors to expansion of this activity's maintenance and testing workload? If so, what are they?

None.

**4.6** Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance maintenance and testing at this activity (AICUZ encroachment, pollutant discharge, etc.)?

None

Activity: 00396

**4. Maintenance and Testing, continued**

**4.7** For all Maintenance and Testing identified in section 4.1, specify which items (by family of weapon) and the quantity (by number of units per year) you can maintain (e.g. Captor 50/yr, Phoenix 100/yr, etc.). Identify factors limiting your capability, the total cost to remove the limiting factor and the new rate that could be maintained.

**Table 4.7: Ordnance Maintenance and Testing Factors**

Ordnance (Type-Qty)	Current Rate	Limiting Factors	Cost to Remove (\$K)	New Rate
SIDEWINDER	540	Test Sets/Handling Equipment	576 20	3,540
AMRAAM	0	Test Sets Equipment	80 30	221
HARM	697	Test Sets Equipment	277 1,511	3761
PHOENIX	737	Test Sets Equipment	1,250 12	5310
WALLEYE	209	Test Sets Equipment	370 25	
MAVERICK	479	Test Sets Equipment	270 60	1106
HELLFIRE	706	Test Sets Equipment	157 100	1327
SPARROW	615	Test Sets Equipment	157 100	5089



Activity: 00396

Ordnance (Type-Qty)	Current Rate	Limiting Factors	Cost to Remove (\$K)	New Rate
SIDEARM	216	Test Sets	331	443
		Equipment	20	

Activity: 00396

**4. Maintenance and Testing, continued**

**4.8** If the workload reported in section 4.1 is not the complete maintenance/testing package required by the munition, briefly describe what additional work is required, where the weapon must be sent to accomplish the work, and at what frequency the work must be done. Report depot-level maintenance as a separate line from intermediate maintenance.

All workload reported in section 4.1 in association with the complete All-Up-Round

**Table 4.8: Additional Ordnance Maintenance and Testing Requirements**

Munitions Type	Additional Work Required	Location for Additional Work	Frequency of Additional Work

**4.9** For each additional maintenance or testing action listed in Table 4.8 above, identify if that workload could be performed at your activity. Briefly describe what modifications would be necessary to accomplish that workload at your activity, and the associated costs.

Activity: 00396

**4. Maintenance and Testing, continued**

*Questions 4.10-4.15 refer to Depot Maintenance workload performance only.*

**4.10** Given the current configuration and operation of your activity, provide the depot/industrial level maintenance by commodity group (from the Commodity List in the Notes at the beginning of this Data Call) that was executed in and is programmed for the Fiscal Years (FY) requested in units throughput and in Direct Labor Man Hours (DLMHs). Summarize ordnance commodity types serviced at this activity from the totals provided in Tables 4.1.a-d.

**NAVORDCEN PACDIV Fallbrook Detachment does not currently perform any Depot/Industrial Workload.**

Table 4.10.a: **Historic and Predicted Depot/Industrial Workload**

Commodity Type	Throughput (Units)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Ordnance								
Total:								

Activity: 00396

Table 4.10.b: **Historic and Predicted Depot/Industrial Workload**

Commodity Type	Throughput (Units)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Ordnance								
Total:								

Activity: 00396

**4. Maintenance and Testing, continued**

**Table 4.10.c: Historic and Predicted Depot/Industrial Workload**

Commodity Type	Throughput (DLMHs)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Ordnance								
Total:								

Activity: 00396

Table 4.10.d: **Historic and Predicted Depot/Industrial Workload**

Commodity Type	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Ordnance								
Total:								

Activity: 00396

**4. Maintenance and Testing, continued**

**4.11** For each commodity group type reported in Tables 4.10.a through 4.10.d, assume (a) the current projected total depot / industrial workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, optimum (repeat order manufacturing lead times) procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which depot / industrial maintenance operations could be expanded at this activity, based on the current and future planned workload mixes, for the requested period? Please provide your response in both the absolute maximum number of units and DLMHs that could be processed at this activity by applicable commodity group. Summarize Ordnance from Table 4.2.a-b.

**Table 4.11.a: Maximum Potential Depot/Industrial Workload**

Commodity Type	Throughput (Units)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Ordnance								
Total:								

**Table 4.11.b: Maximum Potential Depot/Industrial Workload**

Commodity Type	Throughput (DLMHs)							

Activity: 00396

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Ordnance								
Total:								

**4. Maintenance and Testing, continued**

**4.12** Provide details of your calculations in Tables 4.11.a-b including assumptions on additional space utilized, major equipment required, production rates, and constraints that limit increased workload by commodity group at this activity.

**4.13** Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform workload in each of the applicable commodity groups? Describe quantitatively how the changes above would increase your activity's depot/industrial level maintenance capabilities. What would the associated costs be? What would be the payback period and return on investment?

**4.14** Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of depot/industrial level workload and this activity (AICUZ encroachment, pollutant discharge, etc.)?



Activity: 00396

**4. Maintenance and Testing, continued**

**4.15** Workload Summary. Enter the information from the Predicted and Potential Workload sections of Tables 4.10 and 4.11 into the table below and calculate the variance between projected and potential workloads. Again, clearly identify each commodity and include all commodities serviced at this activity.

Table 4.15.a: **PREDICTED WORKLOAD VARIANCE FOR FY 1995**

FY 1995 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance						
Total	N / A	N / A	N / A			

<sup>1</sup> This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

Activity: 00396

Table 4.15.b: **PREDICTED WORKLOAD VARIANCE FOR FY 1996**

FY 1996 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance						
Total	N / A	N / A	N / A			

<sup>1</sup> This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

Activity: 00396

4. **Maintenance and Testing, continued**

Table 4.15.c: **PREDICTED WORKLOAD VARIANCE FOR FY 1997**

FY 1997 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance						
Total	N / A	N / A	N / A			

<sup>1</sup> This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

Activity: 00396

Table 4.15.d: PREDICTED WORKLOAD VARIANCE FOR FY 1998

FY 1998 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance						
Total	N / A	N / A	N / A			

<sup>1</sup> This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

Activity: 00396

**4. Maintenance and Testing, continued**

**Table 4.15.e: PREDICTED WORKLOAD VARIANCE FOR FY 1999**

FY 1999 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance						
Total	N / A	N / A	N / A			

<sup>1</sup> This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

**Table 4.15.f: PREDICTED WORKLOAD VARIANCE FOR FY 2000**

FY 2000 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance

Activity: 00396

FY 2000 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance						
Total	N / A	N / A	N / A			

<sup>1</sup> This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

Activity: 00396

4. Maintenance and Testing, continued

Table 4.15.g: PREDICTED WORKLOAD VARIANCE FOR FY 2001

FY 2001 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance						
Total	N / A	N / A	N / A			

<sup>1</sup> This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

Activity: 00396

**Mission Area**

**5. Manufacturing Workload**

**5.1** Identify ordnance manufacturing capabilities of your activity by number of units and Direct Labor Man Hours (DLMHs) that have been executed or are programmed to be performed in the period requested, within each ammunition/ordnance type. Specify all non-ordnance and non-DON workload.

**NAVORDCEN PACDIV Fallbrook Detachment does not currently perform any Manufacturing Workload.**

Table 5.1.a: **Historic and Predicted Manufacturing Workload**

Ordnance Type	Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines								
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal.)								



Activity: 00396

Ordnance Type	Units Throughput							
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify )								

**5. Manufacturing Workload, continued**

**Table 5.1.b: Historic and Predicted Manufacturing Workload**

Ordnance Type	Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines								
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								

Activity: 00396

Ordnance Type	Units Throughput							
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify )								

Activity: 00396

5. **Manufacturing Workload, continued**

Table 5.1.c: **Historic and Predicted Manufacturing Workload**

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines								
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal.)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

Activity: 00396

5. **Manufacturing Workload, continued**

Table 5.1.d: **Historic and Predicted Manufacturing Workload**

Ordnance Type	DLMHs							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines								
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal.)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

## 5. Manufacturing Workload, continued

5.2 Assuming (a) the current projected total workload and mix remains as assigned; (b) that sufficient demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this activity could expand the manufacturing conducted, based on the current and future planned workload mixes? Please provide your response in the absolute number of units throughput and DLMHs that could be accomplished at this facility. Report depot-level maintenance as a separate line from intermediate and below level maintenance.

Table 5.2.a: Maximum Potential Manufacturing Workload

Ordnance Type	Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines							
Torpedoes							
Air Launched Threat							
Surface Launched Threat							
Other Threat							
Expendables							
INERT							
CADs/PADs							
Strategic Nuclear							
Tactical Nuclear							
LOE: Rockets							
LOE: Bombs							
LOE: Gun Ammo (20mm-16")							

### Activity Listing

Type	Title	Location
WPNSTA	NAVWPNSTA EARLE	Colts Neck, NJ
WPNSTA	NAVWPNSTA YORKTOWN	Yorktown, VA
WPNSTA	NAVWPNSTA CHARLESTON	Charleston, SC
WPNSTA	NAVWPNSTA CONCORD	Concord, CA
WPNSTA	NAVORDCEN PACDIV DET FALLBROOK	Fallbrook, CA
WPNSTA	NAVORDCEN PACDIV DET PORT HADLOCK	Port Hadlock, WA
WPNSTA	NAVWPNSTA SEAL BEACH	Seal Beach, CA
NAVMAG	NAVMAG GUAM	Guam
NAVMAG	NAVMAG LUALUALEI	Waianae, HI
MISSILE FACILITY	NOTU	Cape Canaveral, FL
MISSILE FACILITY	POMFLANT	Charleston, SC
MISSILE FACILITY	SWFLANT	Kings Bay, GA
MISSILE FACILITY	SWFPAC	Silverdale, WA

Activity: 00396

Ordnance Type	Units Throughput						
LOE: Pyro/Demo							
Grenades / Mortars / Projectiles							
Other (specify)							

Activity: 00396

**5. Manufacturing Workload, continued**

**Table 5.2.b: Maximum Potential Manufacturing Workload**

Ordnance Type	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines							
Torpedoes							
Air Launched Threat							
Surface Launched Threat							
Other Threat							
Expendables							
INERT							
CADs/PADs							
Strategic Nuclear							
Tactical Nuclear							
LOE: Rockets							
LOE: Bombs							
LOE: Gun Ammo (20mm-16")							
LOE: Small Arms (up to 50 cal)							
7LOE: Pyro/Demo							
Grenades / Mortars / Projectiles							
Other (specify)							



**5. Manufacturing Workload, continued**

**5.3** Provide details of the calculations used to complete Tables 5.2, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased manufacturing workload at this activity.

**5.4** Table 5.7, on following page, may be used as a worksheet for the following questions. Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform manufacturing workload? What other investments in the industrial infrastructure would you make to increase manufacturing capabilities? Describe quantitatively how the changes above would increase your activity's capabilities. What would the associated costs be? What would be the payback period and return on investment?

**5.5** Are there any ultimate and overriding limiting factors to expansion of this activity's manufacturing workload? If so, what are they?

**5.6** Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance manufacturing at this activity (AICUZ encroachment, pollutant discharge, etc.)?

Activity: 00396

**5. Manufacturing Workload, continued**

**5.7** For each weapons manufacturing capability included in section 5.1 above, identify by type of weapon (Captor, Harpoon, Tomahawk, etc.) the production rate per year, and what factors limit that rate, the cost to eliminate those limiting factors, and what increased workload would be realized at that cost. In the space below the Table, please briefly describe the actions, and associated costs, necessary to improve your production rates.

**Table 5.7: Manufacturing Production Factors**

Ordnance Type	Current Production Rate	Limiting Factor	Cost to Remove (\$ K)	New Production Rate

Additional Comments:

Activity: 00396

**Mission Area**

**6. In-Service Engineering Workload**

**6.1** Identify ordnance in-service engineering capabilities of your activity Direct Labor Man Hours (DLMHs) that have been executed or are programmed to be performed in the period requested, within each ammunition/ordnance type. Specify all "other" entries (e.g. PHS&T).

**NAVORDCEN PACDIV Fallbrook Detachment does not currently perform any In-Service Engineering Workload.**

**Table 6.1.a: Historic and Predicted In-Service Engineering Workload**

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines								
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								

Activity: 00396

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

Activity: 00396

6. In-Service Engineering Workload, continued

Table 6.1.b: Historic and Predicted In-Service Engineering Workload

Ordnance Type	DLMHs							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines								
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal.)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								

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Ordnance Type	DLMHs							
Other (specify )								

## 6. In-Service Engineering Workload, continued

6.2 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this activity could expand the in-service engineering conducted, based on the current and future planned workload mixes? Please provide your response in the absolute number of DLMHs that could be accomplished at this facility. Report depot-level maintenance as a separate line from intermediate and below level maintenance.

Table 6.2: Maximum Potential In-Service Engineering Workload

Ordnance Type	Workload (DLMHs)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines							
Torpedoes							
Air Launched Threat							
Surface Launched Threat							
Other Threat							
Expendables							
INERT							
CADs/PADs							
Strategic Nuclear							
Tactical Nuclear							
LOE: Rockets							
LOE: Bombs							
LOE: Gun Ammo (20mm-16")							

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Ordnance Type	Workload (DLMHs)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
LOE: Small Arms (up to 50 cal.)							
LOE: Pyro/Demo							
Grenades / Mortars / Projectiles							
Other (specify)							



**6. In-Service Engineering Workload, continued**

**6.3** Provide details of the calculations used to complete Table 6.2, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased in-service engineering workload at this activity.

**6.4** Table 6.7, on following page, may be used as a worksheet for the following questions. Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform in-service engineering workload? What other investments in the industrial infrastructure would you make to increase in-service engineering capabilities? Describe quantitatively how the changes above would increase your activity's capabilities. What would the associated costs be? What would be the payback period and return on investment?

**6.5** Are there any ultimate and overriding limiting factors to expansion of this activity's in-service engineering workload? If so, what are they?

**6.6** Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance in-service engineering at this activity (AICUZ encroachment, pollutant discharge, etc.)?

**6. In-Service Engineering Workload, continued**

**6.7** For each ordnance in-service engineering capability included in section 6.1 above, identify by type of weapon (Captor, Harpoon, Tomahawk, etc.), the rate that type receives this support per year, what factors limit that rate, the cost to eliminate those limiting factors, and what increased workload would be realized at that cost.

**Table 6.7: In-Service Engineering Factors**

Ordnance Type	Current Servicing Rate	Limiting Factor	Cost to Remove (\$ K)	New Servicing Rate

**Mission Area****7. Technical Support**

7.1 Identify the workload executed in or programmed to be accomplished in ordnance Technical Support for the period requested. Do *not* include In-Service Engineering in the workload reported below. Complete Tables 7.1.a-b using the product mix as executed and programmed to be executed.

Table 7.1.a: **Historic and Predicted Technical Support**

Program Element	Throughput (DLMHs)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines								
Torpedoes								
Air Launched Threat <sup>(1)</sup>	60,100	60,100	60,100	60,100	40,600	44,200	12,700	5,500
Surface Launched Threat <sup>(2)</sup>					19,400	15,900	91,000	91,000
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear	26,500	26,500	26,500	26,500	19,400	19,400	20,000	20,000
LOE: Rockets								
LOE: Bombs <sup>(3)</sup>	12,400	12,400	12,400	12,400	10,600	10,600	10,900	1,800

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Program Element	Throughput (DLMHs)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal.)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify) <sup>(4)</sup>	44,000	44,000	44,200	59,000	69,100	96,600	184,500	200,200
NOTES (1) Includes technical support for all Air Launched missile systems (2) Includes technical support for TOMAHAWK (3) Includes technical support for Mk-80 bombs (4) Includes technical support for Marine Corps ground ammunition (Class V(W))								

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7. Technical Support, continued

Table 7.1.b: Historic and Predicted Technical Support

Program Element	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines								
Torpedoes								
Air Launched Threat <sup>(1)</sup>	7,300	7,300	7,300	7,300	7,300	7,300	7,300	7,300
Surface Launched Threat <sup>(2)</sup>	5,500	3,700	3,700	3,700	3,700	3,700	3,700	3,700
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs <sup>(3)</sup>	3,600	3,700	3,700	3,700	3,700	3,700	3,700	3,700
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal.)								

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Program Element	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify) <sup>(4)</sup>	212,900	219,700	223,400	227,100	230,800	234,500	238,200	241,900
NOTES (1) Includes technical support for SLAM, HARPOON, HARM, AMRAAM, SPARROW (2) Includes technical support for TOMAHAWK (3) Includes technical support for Mk-80 bombs (4) Includes technical support for Marine Corps ground ammunition (Class V(W))								

## 7. Technical Support, continued

7.2 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this activity could expand the technical support conducted, based on the current and future planned workload mixes? Please provide your response in the absolute number of DLMHs that could be accomplished at this facility. Report depot-level maintenance as a separate line from intermediate and below level maintenance.

Table 7.2: Maximum Potential Technical Support

Program Element	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines							
Torpedoes							
Air Launched Threat <sup>(1)</sup>	58,400	58,400	58,400	58,400	58,400	58,400	58,400
Surface Launched Threat <sup>(2)</sup>	31,000	31,000	31,000	31,000	31,000	31,000	31,000
Other Threat							
Expendables							
INERT							
CADs/PADs							
Strategic Nuclear							
Tactical Nuclear							
LOE: Rockets							
LOE: Bombs <sup>(3)</sup>	3,700	3,700	3,700	3,700	3,700	3,700	3,700

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Program Element	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
LOE: Gun Ammo (20mm-16")							
LOE: Small Arms (up to 50 cal.)							
LOE: Pyro/Demo							
Grenades / Mortars / Projectiles							
Other (specify) <sup>(4)</sup>	219,700	223,400	227,100	230,800	234,500	238,200	241,900
NOTES (1) Includes technical support for SLAM, HARPOON, HARM, AMRAAM, SPARROW (2) Includes technical support for TOMAHAWK (3) Includes technical support for Mk-80 bombs (4) Includes technical support for Marine Corps ground ammunition (Class V(W))							



## 7. Technical Support, continued

**7.3** Provide details of the calculations used to complete Table 7.2, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased technical support workload at this activity.

- DLMH calculations based upon availability of unlimited space for expansion
- Major equipment required is testing and analytical equipment (ie, range instrumentation equipment computers and software)
- Production rates reflect reasonable workload expansion levels
- Increased technical support unconstrained by DoD hiring freeze and directed increases in Direct Labor rates

**7.4** Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform technical support workload? What other investments in the industrial infrastructure would you make to increase technical support capabilities? Describe quantitatively how the changes above would increase your activity's capabilities. What would the associated costs be? What would be the payback period and return on investment?

Equipment/Investment	Support Capability Costs	Payback Period	ROI
• Computer equipment	expanded capability \$400K	5 yr	4 to 1 ROI
• Test equipment	expanded capability \$500K/yr	3-5 yr	6.8 to 1 ROI
• Capital missile test equipment	expanded capability \$500K total	3-5 YR	3 TO 1 ROI

**7.5** Are there any ultimate and overriding limiting factors to expansion of this activity's technical support workload? If so, what are they?

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- DoD hiring limitations/freeze
- Increase in NOC direct labor rate adversely impacts customers/sponsors

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7.6 Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance technical support at this activity (AICUZ encroachment, pollutant discharge, etc.)?

Environmental concerns related to air quality control could inhibit outdoor ordnance explosive testing. Otherwise there are no legal or other limiting factors existing that would preclude the further development or expansion of ordnance technical support at Fallbrook.

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## Features and Capabilities

### 8. Stowage Facilities

8.1 List by facility number each weapon storage facility under the cognizance of this activity. Use separate tables for each location and magazine type, e.g. main base will have a table for igloo facilities and another for box magazines.

- Identify the current rated condition of each facility (Adequate/Inadequate/Substandard), its total square footage and if it is equipped with environmental controls.

- Is this facility currently used for weapons storage? If yes, what type of ordnance, from the commodity types previously listed, is currently stowed here?

- If ordnance is currently stowed in the facility, identify the reason(s) for which this ordnance is stowed at your facility from the following list: own activity use (training); own activity use (operational stock); Receipt/Segregation/Stowage/Issue (RSSI); transshipment/awaiting issue; deep stow (war reserve); awaiting Demil; other. Explain each "other" entry in the space provided, including ordnance stowed which is not a DON asset.

Table 8.1: Stowage Facility Conditions

Site/Magazine Type: MAIN/ARCH, TRIPLE ARCH/IGLOO

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A / I / S	KSF				
501	A	0.500	N	Y	Explosive Components <sup>(1)</sup>	RSSI
502	A	0.500	N	Y	Grenades/Mortars Projectiles <sup>(1)</sup>	RSSI
503	A	0.500	N	Y	Explosive Components <sup>(1)</sup>	RSSI
504	A	0.500	N	Y	Explosive	RSSI

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Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
					Components <sup>(1)</sup>	
505	A	0.500	N	Y	Explosive Components <sup>(1)</sup>	RSSI
506	A	0.500	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
507	A	0.500	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
508	A	0.500	N	Y	Explosive Components	RSSI
509	A	0.500	N	Y	Explosive Components <sup>(1)</sup>	RSSI
510	A	0.500	N	Y	Small Arms	RSSI
511	A	0.500	N	Y	Explosive Components <sup>(1)</sup>	RSSI
512	A	0.500	N	Y	Explosive Components <sup>(1)</sup>	RSSI
513	A	0.500	N	Y	Small Arms <sup>(1)</sup>	RSSI
514	A	0.500	N	Y	Gun Ammo <sup>(1)</sup>	RSSI
515	A	0.500	N	Y	Explosive Components <sup>(1)</sup>	RSSI
516	A	0.500	N	Y	Pyro/Demo <sup>(1)</sup>	RSSI
517	A	0.500	N	Y	Air Launched Threat <sup>(1)</sup>	RSSI
518	A	0.500	N	Y	Explosive Components <sup>(1)</sup>	RSSI

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Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
519	A	0.500	N	Y	Explosive Components	RSSI
541	A	0.204	N	Y	Explosive Components <sup>(1)</sup>	RSSI
542	A	0.204	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
543	A	0.204	N	Y	Small Arms <sup>(1)</sup>	RSSI
544	A	0.204	N	Y	Gun Ammo <sup>(1)</sup>	RSSI
545	A	0.204	N	Y	Pyro/Demo	RSSI
561	A	1.250	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
562	A	1.250	N	Y	Pyro/Demo <sup>(1)</sup>	RSSI
563	A	0.500	N	Y	Grenades/Mortars/Projectiles	RSSI
564	A	1.250	N	Y	Pyro/Demo <sup>(1)</sup>	RSSI
565	A	1.250	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
566	A	1.250	N	Y	Pyro/Demo	RSSI
626(A)	A	2.000	N	Y	Pyro/Demo <sup>(1)</sup>	RSSI
626(B)	A	2.000	N	Y	Pyro/Demo <sup>(1)</sup>	RSSI
626(C)	A	2.000	N	Y	Pyro/Demo <sup>(1)</sup>	RSSI
627(A)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
627(B)	A	2.000	N	Y	Grenades/Mortars/	RSSI

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Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
					Projectiles <sup>(1)</sup>	
627(C)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
628(A)	A	2.000	N	Y	Small Arms <sup>(1)</sup>	RSSI
628(B)	A	2.000	N	Y	Small Arms <sup>(1)</sup>	RSSI
628(C)	A	2.000	N	Y	Small Arms <sup>(1)</sup>	RSSI
629 (A)	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
629(B)	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
629(C)	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
630(A)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
630(B)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
630(C)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
631(A)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
631(B)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
631(C)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
632(A)	A	2.000	N	Y	Grenades/Mortars/	RSSI

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Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
					Projectiles <sup>(1)</sup>	
632(B)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
632(C)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
633(A)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
633(B)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
633(C)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
634(A)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
634(B)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
634(C)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
635(A)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
635(B)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
635(C)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
671	A	2.000	N	Y	Pyro/Demo <sup>(1)</sup>	RSSI
672	A	2.000	N	Y	Gun Ammo <sup>(1)</sup>	RSSI



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Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
673	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
674	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
675	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
676	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
677	A	2.000	N	Y	Gun Ammo <sup>(1)</sup>	RSSI
678	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
679	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
680	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
701	A	2.000	N	Y	Small Arms <sup>(1)</sup>	RSSI
702	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
703	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
704	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
705	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
706	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI

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Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
707	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
708	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
709	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
710	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
731	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
732	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
733	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
734	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
735	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
736	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
737	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
738	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
739	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI

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Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
740	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
741	A	2.000	N	Y	Bombs	RSSI
761	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
762	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
763	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
764	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
765	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
766	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
767	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
768	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
769	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
770	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
781	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
782	A	2.000	N	Y	Explosive	RSSI

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Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
					Components <sup>(1)</sup>	
783	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
784	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
801	A	2.000	N	Y	Gun Ammo <sup>(1)</sup>	RSSI
802	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
803	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
804	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
805	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
806	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
807	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
808	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
809	A	2.000	N	Y	Gun Ammo	RSSI
810	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
831	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI

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Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
832	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
833	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
834	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
835	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
836	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
837	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
838	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
839	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
840	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
851	A	1.416	N	Y	Pyro/Demo <sup>(1)</sup>	RSSI
852	A	2.000	N	Y	Bombs <sup>(1)</sup>	RSSI
861	A	2.000	N	Y	Inert <sup>(1)</sup>	RSSI
862	A	2.000	N	Y	Gun Ammo <sup>(1)</sup>	RSSI
863	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
864	A	2.000	N	Y	Small Arms <sup>(1)</sup>	RSSI

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Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
865	A	2.000	N	Y	Small Arms <sup>(1)</sup>	RSSI
866	A	2.000	N	Y	Explosive Components	RSSI
867	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
868	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
869	A	2.000	N	Y	Bombs <sup>(1)</sup>	RSSI
870	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
871	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
872	A	2.000	N	Y	Air Launched Threat <sup>(1)</sup>	RSSI
873	A	2.000	N	Y	Bombs <sup>(1)</sup>	RSSI
874	A	2.000	N	Y	Air Launched Threat	RSSI
875	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
876	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
877	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
878	A	2.000	N	Y	Air Launched Threat	RSSI
879	A	2.000	N	Y	Explosive Components	RSSI

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Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
880	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
881	A	2.000	N	Y	Inert <sup>(1)</sup>	RSSI
NOTE: (1) More than one ordnance commodity type stored in the magazine, only the predominate commodity type stored in the magazine is listed.						

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Site/Magazine Type: MAIN/BOX

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A / I / S	KSF				
601	A	5.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
602	A	5.000	N	Y	Small Arms <sup>(1)</sup>	RSSI
603	A	5.000	N	Y	Small Arms <sup>(1)</sup>	RSSI
604	A	5.000	N	Y	Small Arms <sup>(1)</sup>	RSSI
605	A	5.000	N	Y	Small Arms <sup>(1)</sup>	RSSI
606	A	5.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
607	A	5.000	N	Y	Grenades/Mortars/Projectiles	RSSI
608	A	5.000	N	Y	Other Threat <sup>(1)</sup>	RSSI
609	A	5.000	N	Y	Grenades/Mortars/Projectiles	RSSI
610	A	5.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
611	A	5.000	N	Y	Grenades/Mortars/Projectiles	RSSI
612	A	5.000	N	Y	Grenades/Mortars/Projectiles	RSSI
613	A	5.000	N	Y	Grenades/Mortars/	RSSI



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Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
					Projectiles	
614	A	5.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
615	A	5.000	N	Y	Grenades/Mortars/Projectiles	RSSI
616	A	5.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
617	A	5.000	N	Y	Air Launched Threat <sup>(1)</sup>	RSSI
618	A	5.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
619	A	5.000	N	Y	Pyro/Demo <sup>(1)</sup>	RSSI
620	A	5.000	N	Y	Pyro/Demo <sup>(1)</sup>	RSSI
621	A	5.000	N	Y	Grenades/Mortars/Projectiles	RSSI
622	A	5.000	N	Y	Surface Launched Threat <sup>(1)</sup>	RSSI
623	A	5.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
624	A	5.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
625	A	5.000	N	Y	Pyro/Demo <sup>(1)</sup>	RSSI
636	A	5.000	N	Y	Pyro/Demo <sup>(1)</sup>	RSSI
637	A	5.000	N	Y	Pyro/Demo	RSSI
638	A	5.000	N	Y	Air Launched Threat	RSSI

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Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
					(1)	
639	A	5.000	N	Y	Grenades/ Mortars/ Projectiles <sup>(1)</sup>	RSSI
640	A	5.000	N	Y	Grenades/ Mortars/ Projectiles <sup>(1)</sup>	RSSI
641	A	5.000	N	Y	Expendables <sup>(1)</sup>	RSSI
642	A	5.000	N	Y	Grenades/ Mortars/ Projectiles <sup>(1)</sup>	RSSI
643	A	5.000	N	Y	Grenades/ Mortars/ Projectiles <sup>(1)</sup>	RSSI
644	A	5.000	N	Y	Gun Ammo	RSSI
645	A	5.000	N	Y	Surface Launched Threat <sup>(1)</sup>	RSSI
646	A	5.000	N	Y	Air Launched Threat <sup>(1)</sup>	RSSI
647	A	5.000	N	Y	Rockets <sup>(1)</sup>	RSSI
648	A	5.000	N	Y	Pyro/Demo <sup>(1)</sup>	RSSI
649	A	5.000	N	Y	Surface Launched Threat	RSSI
650	A	5.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
651	A	5.000	N	Y	Air Launched Threat <sup>(1)</sup>	RSSI
652	A	5.000	N	Y	Air Launched Threat <sup>(1)</sup>	RSSI

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Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
653	A	5.000	N	Y	Air Launched Threat (1)	RSSI
NOTE: (1) More than one ordnance commodity type stored in the magazine, only the predominate commodity type stored in the magazine is listed.						

Additional Comments:

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Site/Magazine Type: MAIN/MISSILE

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A / I / S	KSF				
922	A	7.926	N	Y	Air Launched Threat (1)	RSSI
923	A	7.926	N	Y	Air Launched Threat (1)	RSSI
924	A	9.982	N	Y	Air Launched Threat (1)	RSSI
925	A	9.982	N	Y	Air Launched Threat	RSSI
926	A	9.982	N	Y	Air Launched Threat (1)	RSSI
927	A	9.982	N	Y	Surface Launched Threat (1)	RSSI
P-143 (A)	A	9.982	N	Y	Air Launched Threat	RSSI
P-143 (B)	A	9.982	N	Y	Air Launched Threat	RSSI
NOTE: P-143 is currently under construction and is expected to be completed 10 Feb 95						

Additional Comments:

Activity: 00396

Site/Magazine Type: MAIN/KEYPORT

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A / I / S	KSF				
321	A	0.054	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	(2)
322	A	0.054	N	Y	Explosive Components <sup>(1)</sup>	(2)
323	A	0.054	N	Y	Explosive Components <sup>(1)</sup>	(2)
327	A	0.054	N	Y	Explosive Components <sup>(1)</sup>	(2)
328	A	0.054	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	(2)
346	A	0.070	N	Y	<sup>(1)</sup>	(2)
436	A	0.049	N	Y	Small Arms	(2)
455	A	0.054	N	Y	Explosive Components <sup>(1)</sup>	(2)
456	A	0.054	N	Y	Explosive Components <sup>(1)</sup>	(2)
457	A	0.054	N	Y	Small Arms <sup>(1)</sup>	(2)
458	A	0.054	N	Y	Gun Ammo <sup>(1)</sup>	(2)
NOTE: (1) More than one ordnance commodity type stored in the magazine, only the						

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Facility Number	Condition	Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
predominate commodity type stored in the magazine is listed.					
(2) Reason for storage local activity use (Marine Corps Program)					

Additional Comments:

**8. Stowage Facilities, continued**

8.2 Summarize the magazine characteristics reported in the Tables above (section 8.1) magazines. Table 8.2.a summarizes by location: list the total number of magazines for each type of magazine (e.g. igloo, box) at each location. Table 8.2.b summarizes by magazine type, across all locations.

Table 8.2.a: **Facility Stowage Summary**Site: MAIN

Type of Magazine	Total This Type	Square Footage			
		Adequate	Substandard	Inadequate	Total
IGLOO/ ARCH/ TRIPLE ARCH	128 <sup>(1)</sup>	252686			252686
BOX	43	215000			215000
MISSILE	8	75744			75744
KEYPORT	11	605			605
Total:		544035			544035
NOTE: (1) TRIPLE ARCH MAGAZINES COUNTED AS ONE MAGAZINE					

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Table 8.2.b: Facility Stowage Summary

Type Magazine:

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
ALL MAGAZINES AT MAIN SITE	190	544035			544035
Total:		544035			544035

**8. Stowage Facilities, continued**

8.3 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the facilities in section 8.1 and 8.2 above where inadequate facilities are identified, provide the following information:

- Facility type/code:
- What makes it inadequate?
- What use is being made of the facility?



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- d. What is the cost to upgrade the facility to substandard?
- e. What other use could be made of the facility and at what cost?
- f. Current improvement plans and programmed funding:
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP?

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**8. Stowage Facilities, continued**

**8.4** For all facilities identified in the Tables of 8.1 as currently not in use for ordnance stowage, provide a brief explanation of its current use and identify its primary usage, if different.

All magazines are utilized for ordnance storage

**8.5** If the facilities identified in Table 8.1 are distributed over a noncontiguous area (e.g. one or more Annexes, special areas, etc.), list by location all identified holdings. For any holdings detached from the main base, identify the distance from the primary activity.

**Table 8.5: Facility Locations**

Site (Full Title and location)	Distance

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## Features and Capabilities

### 9. Other Facilities

9.1 Identify by facility number, giving condition code and total area, all those facilities under your cognizance utilized to perform the following functions: Intermediate and Depot level Maintenance (IM; DM) and Testing (T); Manufacturing (Mftg); In-Service Engineering (ISE); or Technical Support (TS) services.

Table 9.1: Condition of Other Facilities

Facility Number	Function	Condition (KSF)			Total
		Adequate	Substandard	Inadequate	
3	IM	1.31			1.31
5	TS	6.74			6.74
103	TS	14.61			14.61
105	TS	0.41			0.41
232	IM	9.64			9.64
301	IM	7.80			7.80
307	TS	13.28			13.28
315	IM	1.68			1.68
338	TS	1.35			1.35
344	IM	6.28			6.28
345	IM	6.00			6.00

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Facility Number	Function	Condition (KSF)			Total
		Adequate	Substandard	Inadequate	
348	TS	2.50			2.50
353	TS	0.50			0.50
364	TS	7.23			7.23
365	TS	6.57			6.57
366	IM	48.86			48.86
367	IM	6.90			6.90
380	IM	46.13			46.13
400	IM	8.16			8.16
433	TS	0.46			0.46
439	TS	1.00			1.00
442	IM	8.00			8.00
445	TS	0.00			0.00
452	TS/IM	1.76			1.76
454	TS	1.73			1.73

9.2 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the facilities in section 9.1 above where inadequate facilities are identified, provide the following information:

- Facility type/code:
- What makes it inadequate?

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- c. What use is being made of the facility?
- d. What is the cost to upgrade the facility to substandard?
- e. What other use could be made of the facility and at what cost?
- f. Current improvement plans and programmed funding:
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP?

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## 9. Other Facilities, continued

9.3 An activity's expansion capability includes its ability to reconfigure / rehab existing underutilized facilities to accept new or increased requirements. Identify in the Table below the space available for expansion, by building type and facility number.

Table 9.3: **Space Available for Expansion**

Building Type	Facility Number	Installation Space (KSF)			Total KSF <sup>(1)</sup>
		Adequate	Substandard	Inadequate	
Office Space	5	6.74			3.37
Office Space	7	5.36			.53
Transfer Depot	233/235	12.2			6.1
Ordnance Production	301	7.80			7.80
Office Space/Laboratory	307	13.28			10.62
Laboratory	338	1.35			.20
Explosive Ordnance Drop Test Facility	348	2.50			2.50
Rocket Test Facility	353	0.50			0.50
Ordnance Production/Conventional Ammunition Test Facility	364	7.23			5.78
Engineering Office Space/Inert	365	6.57			2.63

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Building Type	Facility Number	Installation Space (KSF)			Total KSF (1)
		Adequate	Substandard	Inadequate	
Laboratory					
ILM Facility	366	48.86			24.43
ILM Facility	367	6.90			3.45
Production Facility	368	26.62			13.31
LM Facility (P-151)	380	46.13			23.06
Conventional Ammunition Test Facility	439	1.00			.90
Conventional Ordnance Xray Facility	452	1.8			1.8
Technical Equipment Storage	454	1.73			.17
NOTE:					
(1) Adequate column indicates total square footage of building. Total KSF column represents estimated estimated underutilized space in existing facilities available for expansion.					

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### 10. Workforce

10.1 Identify in Direct Labor Man Hours the workforce employed at your activity (all locations) for the period requested. Use the conversion standard of 1615 DLMHs per Work Year. Provide the Conversion Factor employed for computing DLMHs to DLMYs.

Conversion rate = 1615 DLMHs/DLMY

Table 10.1.a: Non-Military Personnel

	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Direct Labor <sup>(1)</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Overhead (1)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total								
NOTE: NOCPACDIV Fallbrook Detachment was part of the Naval Weapons Station budget through FY93. Individual direct and indirect cost centers were located at both sites. Therefore differentiation between the sites is not possible. WPNSTASB (UIC 60701) is reporting the total DLMH's for Seal Beach and Fallbrook in its BRAC 95 data call # 25 submission.								



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**Table 10.1.b: Non-Military Personnel**

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1997	FY 1999	FY 2000	FY 2001
Direct Labor	385419	454570	517763	508722	508722	508722	508722	508722
Overhead	72583	67360	67819	67952	67952	67952	67952	67952
Total	458002	521930	585582	576674	576674	576674	576674	576674

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10. Workforce, continued

Table 10.1.c: Military Personnel

	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Direct Labor <sup>(1)</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Overhead	N/A	N/A	59205	138077	122021	127541	120405	116157
Total			59205	138077	122021	127541	120405	116157
<p>NOTE: NOCPACDIV Fallbrook Detachment was part of the Naval Weapons Station budget through FY93. Individual direct and indirect cost centers were located at both sites. Therefore differentiation between the sites is not possible. WPNSTASB (UIC 60701) is reporting the total DLMH's for Seal Beach and Fallbrook in its BRAC 95 data call # 25 submission.</p> <p>(1)</p>								

Table 10.1.d: Military Personnel

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1997	FY 1999	FY 2000	FY 2001
Direct Labor	8695	8695	8660	8695	8695	8695	8695	8695
Overhead	116280	72679	1615	1615	1615	1615	1615	1615
Total	124975	81374	10275	10310	10310	10310	10310	10310

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**Features and Capabilities, continued**

**11. Contractor Presence**

11.1 If your activity provides space within your facilities for a contractor workforce, please list the facilities so provided. Identify the facility number, amount of space provided (KSF), name(s) of the contractor(s) supported (company), number of contractor personnel resident in your spaces, and function(s) performed by these contractors.

**Table 11.1: Facilities for Contractor Support**

Facility Number	(KSF)	Contractor(s)	# Personnel	Contractor Function(s)
1	0.45	DYNCORP	3	SUPPORT SERVICES
365	.3	DYNCORP	2	SUPPORT SERVICES
5	.15	DYNCORP	1	SUPPORT SERVICES
102	.3	DYNCORP	2	TECHNICAL SUPPORT
7	.45	DYNCORP	3	TECHNICAL SUPPORT
366	.30	DYNCORP	2	SUPPORT SERVICES
307	.45	Computer Science Corporation	3	TECHNICAL SUPPORT
105	.6	EDSI	4	TECHNICAL SUPPORT
365	.6	EDSI	4	TECHNICAL SUPPORT
307	.15	EDSI	1	TECHNICAL SUPPORT

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Facility Number	(KSF)	Contractor(s)	# Personnel	Contractor Function(s)
5	.3	EDSI	2	TECHNICAL SUPPORT
103	.45	EDSI	8	TECHNICAL SUPPORT
1	0.15	Northern Telecom	1	PHONE SUPPORT SERVICES
366	.30	Mantech	2	SUPPORT SERVICES

Additional Comments:

**Features and Capabilities, continued****12. Berthing Capability**

**12.1** Identify the age and structural characteristics for each pier and wharf at your facility or under your cognizance by NAVFAC P-80 Category Code Number (CCN), and dimensions as requested. If unable to maintain the stated design dredge depth, provide explanatory comment following the Table. Identify water distance between adjacent piers, in lieu of slip width, where appropriate. Indicate if the pier is inside a Controlled Industrial Area or High Security Area and the Net Explosive Weight (NEW) ESQD limits, if applicable. Identify any additional controls required in the space following this Table. Identify the average number of days per year over the last eight years (the period FY 1987-1994) that the pier or wharf was out of service (OOS) for maintenance (including dredging of the associated slip).

Table 12.1: Pier and Wharf Characteristics

Pier or Wharf	Age	CCN	Moor Length (FT)	Design Dredge Depth (FT)(MLLW)	Slip Width (FT)	Pier Width (FT)	CIA /Security Area? (Y/N)	ESQD NEW Limit	Average Annual Days OOS
VERTREP	4	N/A	N/A	N/A	N/A	N/A	N/A	NONE	N/A

Additional comments:

Although NAVORDCEN Fallbrook Detachment has no berthing capability is can provide ammunition onload and offload for up to 4 ships simultaneously via VERTREP operations. These operations do not depend on floating cranes, lighters and barges, or commercial tugboats.

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**12. Berthing Capability, continued**

**12.2** Identify all MILCON improvements executed in the period FY 1986-1994 for each pier or wharf identified in Table 30.1

**Table 12.2: Pier and Wharf MILCON**

Pier or Wharf	Year MILCON Executed	Nature of Improvement
NONE		

**12.3** List all ESQD waivers currently in effect, with expiration dates, for all applicable piers and wharves identified in Table 12.1.

**Table 12.3: ESQD Waivers In Effect**

Pier or Wharf	Nature of Waiver	Date Waiver Expires
NONE		

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**12. Berthing Capability, continued**

**12.4** For all piers and wharves at your facility or under your cognizance, indicate which, if any, are RO/RO and/or aircraft accessible, and conditions which apply.

**Table 12.4: Pier and Wharf Access**

Pier or Wharf	RO/RO Access?	Aircraft Access?
NONE		

**12.5** How much pier space is required to berth and support ancillary craft (tugs, barges, floating cranes, etc.) currently at your facility? Indicate if certain piers are uniquely suited to support these craft.  
NONE

\_\_\_\_\_

## 12. Berthing Capability, continued

**12.6** Identify the ship support characteristics for each Pier and Wharf under your activity's cognizance. Indicate if the pier or wharf is listed in OPNAVINST 3000.8. For Compressed Air and Oily Waste disposal, list only permanently installed facilities. For steam, indicate below the Table if any piers or wharves provide certified steam. If any permanent fendering arrangement limits apply, identify them in the space following the Table.

**Table 12.6: Pier and Wharf Ship Support Characteristics**

[illegible]



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Additional comments:

**12. Berthing Capability, continued**

**12.7** For each pier and wharf listed above, state today's normal loading by ship class with current facility ship loading, the maximum berthing, maximum berthing for weapons handling evolutions, and maximum berthing to conduct maintenance. For ordnance handling capability, identify the maximum number of ships that can be moored at each pier or wharf to conduct ordnance handling evolutions, without necessitating berth shifts. Incorporate all applicable safety, ESQD, and access limitations. Include comments below the Table if necessary. For berthing in support of maintenance, list the maximum number of ships that can be serviced in maintenance availabilities at each pier or wharf without necessitating berth shifts to accommodate crane, laydown or access limitations. Provide any additional comments in the space following the Table.

Table 12.7: Pier and Wharf Normal Loading

Pier or Wharf	Typical Steady State Loading	Maximum Ship Berthing	Ordnance Handling Pierside?	Perform Maintenance Pierside?
VERTREP	N/A	N/A	N/A	N/A

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**12. Berthing Capability, continued**

**12.8** How much pier space is required to berth and support ancillary craft (tugs, barges, floating cranes, etc.) currently at your facility? Indicate if certain piers are uniquely suited to support these craft.

NONE

**12.9** What is the average pier loading in ships per day due to visiting ships at your facility/piers or wharves under your cognizance? Indicate if this varies significantly by season.

N/A

**12.10** Given no funding or manning limits, what modifications or improvements would you make to the waterfront infrastructure to increase the cold iron ship berthing capability of your installation/under your cognizance. Provide a description, cost estimates, and additional capability gained.

N/A

**12.11** Describe any unique limits or enhancements on the berthing of ships at specific piers or wharves under your cognizance.

N/A

**Features and Capabilities, continued****13. Physical Space for Industrial Support**

**13.1** Identify in the table below the real estate resources which have the potential to facilitate future development and for which you are the plant account holder or into which, though a tenant, your activity could reasonably expect to expand. Complete a separate table for each individual site, i.e., main base, outlying airfields, special off-site areas, etc. The unit of measure is acres. Developed area is defined as land currently with buildings, roads, and utilities where further development is not possible without demolition of existing improvements. Include in "Restricted" areas that are restricted for future development due to environmental constraints (e.g. wetlands, landfills, archaeological sites), operational restrictions (e.g. ESQD arcs, HERO, HERP, HERF, AICUZ, ranges) or cultural resources restrictions. Identify the reason for the restriction when providing the acreage in the table. Specify any entry in "Other" (e.g. submerged lands).

**Table 13.1: Real Estate Resources**

Site Location:

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	4,850 <sup>(1)</sup>	4,850	3,250	1,600
Operational	4,850 <sup>(1)</sup>	4,850	3,250	1,600
Training	1,850 <sup>(1)</sup>	1,850	250 <sup>(2)</sup>	1,600
R & D	1,850 <sup>(1)</sup>	1,850	250 <sup>(2)</sup>	1,600
Supply & Storage	8,850	8,850	500	8,350
Admin	1,850 <sup>(1)</sup>	1,850	250 <sup>(2)</sup>	1,600
Housing	1,850 <sup>(1)</sup>	1,850	250 <sup>(2)</sup>	1,600
Recreational	1,850 <sup>(1)</sup>	1,850	250 <sup>(2)</sup>	1,600

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Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Navy Forestry Program				
Navy Agricultural Outlease Program	7,630	N/A		7,630
Hunting/Fishing Programs				
Other				
Total:	8,850 <sup>(3)</sup>	8,850 <sup>(3)</sup>	7,500 <sup>(3)</sup>	1,600 <sup>(3)</sup>
<p>NOTES</p> <p>(1) Represents total acreage unencumbered by ESQD arcs</p> <p>(2) Restriction due to topography</p> <p>(3) Total is entire acreage of the Fallbrook Detachment. Roughly 7,000 acres are encumbered by ESQD arcs and 500 (250 encumbered by ESQD arcs) are restricted for development due to topography.constraints</p>				

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### 13. Physical Space for Industrial Support, continued

13.2 Identify the general infrastructure and load capabilities for each base complex under your cognizance in the table below. Reproduce Table 13.2 for each non-contiguous location (e.g. detachments).

Table 13.2: **Base Utilities and Support Services**

Site:

Capability	On Base Capacity	Off Base Longterm Contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)	0	1,080,000	300,000	340,000
Natural Gas (CFH)	0	30,000	800	3,500
Sewage (GPD)	0	1,150,000	15,000	67,000
Potable Water (GPD)	0	1,700,000	100,000	200,000
Steam (lbm/Hr)				
Long-term Parking				
Short-term parking				

**Features and Capabilities, continued****14. Facility Measures**

**14.1** Identify the facility and equipment values for all activities under your cognizance in the Table below, as executed and budgeted for the period requested. As applied herein:

☞ Maintenance of Real Property (MRP) is the budgetary term gathering the expenses or budget requirements for facility work and includes recurring maintenance, major repairs and minor construction (non-MILCON) inclusive of all Major Claimant funded Special Projects. It is the amount of funds spent on or budgeted for maintenance and repair of real property assets to maintain the facility in satisfactory operating condition. For purposes of this Data Call, MRP includes all M1/R1 and M2/R2 expenditures.

☞ Current Plant Value (CPV) refer to incorporates Class 2 Real Property and is the hypothetical dollar amount required to replace a Class 2 facility in kind at today's dollars (e.g.: the cost today to replace an existing wood frame barracks with another barracks, also wood frame).

☞ Acquisition Cost of Equipment (ACE) reports the total cumulative acquisition cost of all "Personal Property" equipment which includes the cost of installed equipments directly related to mission execution (such as lab test equipment). Class 2 installed capital equipment which is integral to the facility should not be reported as ACE.

Table 14.1: Expenditures and Equipment Values

FY	MRP (\$ K)	CPV (\$ K)	ACE (\$ K)
1986	2,021.3	104168.5	N/A <sup>(1)</sup>
1987	2,891.1	105022.7	N/A <sup>(1)</sup>
1988	6,154.3	110725.4	N/A <sup>(1)</sup>
1989	3,224.2	113845.7	N/A <sup>(1)</sup>
1990	3,770.0	120896.8	N/A <sup>(1)</sup>
1991	4,926.1	122371.8	N/A <sup>(1)</sup>

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FY	MRP (\$ K)	CPV (\$ K)	ACE (\$ K)
1992	4,056.3	124843.7	N/A <sup>(1)</sup>
1993	1,850.2	129594.9	N/A <sup>(1)</sup>
1994	1,772.6	144531.1	410
1995	1,226.0	147956.5	0
1996	2,124.0	156574.2	158
1997	2358.8	160112.8	115
<p>(1) Until Oct 1993, NAVORDCEN PACDIV Fallbrook Detachment was part of NWS Seal Beach (N60701). Capital equipment procurement data was not kept by site. ACE figures for NAVORDCEN Fallbrook Detachment and NWS Seal Beach for 1986 through 1993 (inclusive), can be found in the WPNSTA Seal Beach (UIC 60701) BRAC 95 # 25 data call. 1994, 1995, 1996 and 1997 data is for Fallbrook only.</p>			



**Features and Capabilities, continued****15. Personnel Support Facility Data**

**15.1 Housing and Messing.** Provide data on the BOQs and BEQs assigned to your current plant account. The unit of measure for this capability is number of people housed. Use CCN to differentiate between pay grades (i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above).

Table 15.1: Bachelor Housing Facilities

Facility Type, Bldg. # & CCN	Total # Beds	Total # Rooms	Adequate		Substandard		Inadequate	
			Beds	SF	Beds	SF	Beds	SF
BEQ, Bldg 36, 721-11	20	8	8	4329				
BEQ, Bldg. 37 721-12	15	8	8	3330				
BEQ, Bldg. 38 721-12	12	8	8	3330				
BEQ, Bldg. 39 721-12	8	6	6	1665				
BEQ, Bldg 39 721-13	4	2	2	1665				

**15.2** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. Facility type/code:

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- b. What makes it inadequate?
- c. What use is being made of the facility?
- d. What is the cost to upgrade the facility to substandard?
- e. What other use could be made of the facility and at what cost?
- f. Current improvement plans and programmed funding:
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP?

**15. Personnel Support Facility Data, continued**

**15.3** Provide data on the BOQs and BEQs projected to be assigned to your plant account in FY 1997. The desired unit of measure for this capacity is people housed. Use CCN to differentiate between pay grades, i.e., E1-E4, E5-E6, E7-E9, CWO-O2, O3 and above.

Table 15.3: **Bachelor Housing Facilities**

Facility Type, Bldg. # & CCN	Total # Beds	Total # Rooms	Adequate		Substandard		Inadequate	
			Beds	SF	Beds	SF	Beds	SF
BEQ, Bldg 36, 721-11	20	8	8	4329				
BEQ, Bldg. 37 721-12	15	8	8	3330				
BEQ, Bldg. 38 721- 12	12	8	8	3330				
BEQ, Bldg. 39 721-12	8	6	6	1665				
BEQ, Bldg 39 721-13	4	2	2	1665				

**15.4** In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. Facility type/code:
- b. What makes it inadequate?

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- c. What use is being made of the facility?
- d. What is the cost to upgrade the facility to substandard?
- e. What other use could be made of the facility and at what cost?
- f. Current improvement plans and programmed funding:
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP?

**15. Personnel Support Facility Data, continued**

15.5 Provide data on the messing facilities assigned to your current plant account.

Table 15.5: Messing Facilities

Facility Type, CCN and Bldg. #	Total SF	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	SF	Seats	SF	Seats	SF	
Messing Facility Bldg <sup>(1)</sup>	7500	50						30
NOTES (1) Military personnel on chow pass and rations eat at the Sidewinder Club (10,000 sf) located on site.								

15.6 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- a. Facility type/code:
- b. What makes it inadequate?
- c. What use is being made of the facility?
- d. What is the cost to upgrade the facility to substandard?
- e. What other use could be made of the facility and at what cost?
- f. Current improvement plans and programmed funding:
- g. Has this facility condition resulted in C3 or C4 designation on your BASEREP?

**15. Personnel Support Facility Data, continued**

15.7 Provide data on the messing facilities projected to be assigned to your plant account in FY 1997.

Table 15.7: Messing Facilities

Facility Type, CCN and Bldg. #	Total SF	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	SF	Seats	SF	Seats	SF	
Messing Facility Bldg (1)	7500	50						30
NOTES (1) Military personnel on chow pass and rations eat at the Sidewinder Club (10,000 sf) located on site.								

15.8 In accordance with NAVFACINST 11010.44E, an inadequate facility cannot be made adequate for its present use through "economically justifiable means". For all the categories above where inadequate facilities are identified provide the following information:

- Facility type/code:
- What makes it inadequate?
- What use is being made of the facility?
- What is the cost to upgrade the facility to substandard?
- What other use could be made of the facility and at what cost?
- Current improvement plans and programmed funding:
- Has this facility condition resulted in C3 or C4 designation on your BASEREP?

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## 16. Training Facilities

16.1. By Category Code Number (CCN) (5 digits), complete the following student throughput capacity table for all training facilities (adequate, substandard and inadequate) aboard the installation, including tenant activities. Include all 171-XX and 179-XX CCNs and any other applicable CCN. Following the table, describe how the reported Student Hours/Year capacity was derived. Personnel Capacity (PN) is the total number of seats available for students in spaces used instruction, based on the current configuration and use of the facilities.

*EX: A type of training facility in the category 171-10 is an academic instruction classroom. If you have 10 classrooms with a capacity of 25 students per room, the design capacity reported would be 250. If these classrooms are available 8 hours a day for 300 days in a year, the capacity would be 600,000 student hours per year.*

Table 16.1: Training Facilities

Parent UIC	CCN	Type of Training Facility	Total # this Type	Personnel Capacity (PN)	Capacity (Student Hours/Year)
00396	171-10	Academic Instruction Classroom	1	40	84,800

**16. Training Facilities, continued**

**16.2** By facility Category Code Number (CCN), provide the number of hours per year of classroom time required for each course of instruction taught at formal schools on your installation. Include all applicable 171-XX and 179-XX CCNs. For requirements, report in column "A" the number of students per requested year; report in "B" the number of hours each student spends in this training facility for each course; report in "C" the product (AxB), the number of hours of instruction per year.

Table 16.2: **Formal Classroom Training**

CCN:

Type of Training Facility	School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C
NONE								



I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

D. E. MILLER  
NAME (Please type or print)  
Commander (Acting)  
Title  
NAVORDCEN PACDIV  
Activity

D. E. Miller  
Signature  
24 May 1994  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

R. SUTTON, RADM, USN  
NAME (Please type or print)  
COMMANDER  
Title  
NAVAL ORDNANCE CENTER  
Activity

R. Sutton  
Signature  
31 MAY 94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

O. B. STERNER  
NAME (Please type or print)  
  
Title  
Commander  
Naval Sea Systems Command  
Activity

O. B. Sterner  
Signature  
6-3-94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

J. B. Greene, Jr  
NAME (Please type or print)  
Acting  
Title

J. B. Greene Jr.  
Signature  
10 JUN 1994  
Date

## BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

### ACTIVITY COMMANDER

JAMES V. De SIMONE, CDR, USN  
NAME (Please type or print)

James V. De Simone  
Signature

OFFICER IN CHARGE  
Title

20 May 94  
Date

NAVORDCEN PACDIV FALLBROOK DETACHMENT  
Activity

1/ Entire Data Call  
Revision 23 June 1994

**CAPACITY DATA CALL**

**NAVAL WEAPONS STATIONS,  
NAVAL MAGAZINES,  
and  
STRATEGIC MISSILE FACILITIES**

Questions for the Activities

Category	.....	<b>Industrial Activities</b>
Sub-Category	.....	<b>Naval Weapons Stations,</b>
	.....	<b>Naval Magazines, and</b>
	.....	<b>Strategic Weapons Facilities</b>
Claimants	.....	<b>COMNAVSEASYS COM - Naval Weapons Stations</b>
	.....	<b>CINCPACFLT - Naval Magazines (on U.S. territory)</b>
	.....	<b>DIRSSP - Strategic Missile Facilities</b>

**Notes:** In the context of this Data Call

1. Base your responses for FY 1994 and previous years on executed workload, and for FY 1995 and subsequent years on workload as programmed in the FY 1995 Budget Submission and POM-96. Unless otherwise specified, use workload mixes as programmed. In estimating projected workload capabilities, use the activity configuration as of completion of the BRAC-88/91/93 actions.
2. Unless otherwise specified, for questions addressing maximum workload within this Data Call, base your response on an eight hour day/five day notional work week (1-8-5). Please identify any processes which, under normal operations, operate on a different schedule. Also, identify your "40 hour" work week schedule, if different from "1-8-5".
3. "Production" equates to the number of items processed per Fiscal Year (FY), unless otherwise specified. Report Direct Labor Man Hours (DLMHs) in thousands of Man Hours, to the nearest tenth, e.g. 32.2 K DLMHs.
4. For purposes of this Data Call, Depot maintenance is regarded as the maintenance performed on material that requires major overhaul or a complete rebuild of parts, assemblies, subassemblies, and end items, including the manufacture of parts, modifications, testing, and reclamation, as required. Depot maintenance serves to support lower categories of maintenance. Depot maintenance provides stocks of serviceable equipment by using more extensive facilities for repair than are available in lower level maintenance activities. Depot or indirect maintenance functions are identified by the type of equipment maintained or repaired.
5. Report all workload performed, clearly identifying origin of all non-DON workload.
6. Mission area work (as defined in sections 1 through 7) performed by tenant activities (e.g. MOMAG) should be reported in separate, duplicate tables in the applicable sections.

**If any responses are classified, so annotate the applicable question and include those responses in a separate classified annex.**

This document has been prepared in WordPerfect 5.1/5.2.

**Note:** The Box below breaks out Defense Department Depot Maintenance and Industrial activities by Commodity Groups for further assessment. The highlighted items have been incorporated into this Data Call. If your activity performs depot work in any other area, please include such workload and so annotate your Data Call response.

## Commodity Groups List

1. Aircraft Airframes:
  - Rotary
  - VSTOL
  - Fixed Wing
    - Transport / Tanker / Bomber /
    - Command and Control
    - Light Combat
    - Admin / Training
  - Other
2. Aircraft Components
  - Dynamic Components
  - Aircraft Structures
  - Hydraulic/Pneumatic
  - Instruments
  - Landing Gear
  - Aviation Ordnance
  - Avionics/Electronics
  - APUs
  - Other
3. Engines (Gas Turbine)
  - Aircraft
  - Ship
  - Tank
  - Blades / Vanes (Type 2)
4. Missiles and Missile Components
  - Strategic
  - Tactical / MLRS
5. Amphibians
  - Vehicles
  - Components (less GTE)
6. Ground Combat Vehicles
  - Self-propelled
  - Tanks
  - Towed Combat Vehicles
  - Components (less GTE)
7. Ground and Shipboard Communications and Electronic Equipment
  - Radar
  - Radio Communications
  - Wire Communications
  - Electronic Warfare
  - Navigational Aids
  - Electro-Optics / Night Vision
  - Satellite Control / Space Sensors
8. Automotive / Construction Equipment
9. Tactical Vehicles
  - Tactical Automotive Vehicles
  - Components
10. Ground General Purpose Items
  - Ground Support Eqpmt (except aircraft)
  - Small Arms / Personal Weapons
  - Munitions / Ordnance
  - Ground Generators
  - Other

---

**JCSG-DM: Maintenance and Industrial Activities**

# CAPACITY DATA CALL

## NAVWPNSTAs, NAVMAGs, and STRATEGIC MISSILE FACILITIES

### Questions for the Activities

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## Table of Acronyms

ACE	Acquisition Cost of Equipment	LOE	Level Of Effort
AICUZ	Air Installations Compatibility	MILCON	Military Construction
Use Zone		MLLW	Mean Low Low Water
Ammo	Ammunition	MLRS	Multiple Launch Rocket System
CADs	Cartridge Actuated Devices	MM	Milimeter
CAL	Caliber	MOMAG	Mobile Mine Assembly Group
CIA	Controlled Industrial Area	MRP	Maintenance of Real Property
CCN	Category Code Number	NAVMAG	Naval Magazine
CHT	Collection, Holding and Transfer	NEW	Net Explosive Weight
CPV	Current Plant Value	OOS	Out Of Service
Demo	Demonstration	ORD	Ordnance
DLMH	Direct Labor Man Hours	ORDCEN	Ordnance Center
DM	Depot Maintenance	PACDIV	Pacific Division
ESQD	Explosive Safety Quantity	PADs	Propellant Actuated Devices
Distance		PHS&T	Packaging, Handling, Storage and Transportation
FMS	Foreign Military Sales	PSI	Pounds Per Square Inch
FY	Fiscal Year	Pyro	Pyrotechnics
GPB	General Purpose Bombs	RSSI	Receipt, Segregation, Stowage and Issue
GPD	Gallons Per Day	SF	Square Feet
HE	High Explosive	SMCA	Single Manager Conventional Ammunition
HERF	Hazardous Electronic Radiation - Fuel	SOP	Standard Operating Procedures
HERP	Hazardous Electronic Radiation - Personnel	Sub	Subsurface
HERO	Hazardous Electronic Radiation - Ordnance	Surf	Surface
IM	Intermediate Maintenance	SWF	Strategic Weapons Facility
IPE	Industrial Plant Equipment	TMDE	Test, Measurement, Diagnostic Equipment
ISE	In Service Engineering	UIC	Unit Identification Code
JCSG-DM	Joint Cross Service Group - Depot Maintenance	VERTREP	Vertical Replenishment
KSF	Thousands of Square Feet	WPNSTA	Weapons Station
KVA	Kilo Volt-Ampere		

Activity: 00396

**NAVORDCEN PACDIV Fallbrook Detachment performs classified work in support of CINCPACFLT Requirements. This work is mission related and site specific. CINCPACFLT POCs for more information are Doug Trager or CAPT Nelson at commercial (808)471-1355.**

Activity: 00396

## CAPACITY DATA CALL

### Weapons Stations, Naval Magazines, and Strategic Missile Facilities

#### Questions for the Activities:

Primary Activity UIC: 00396

(Use this number as Activity identification at top of each page.)

#### Mission Area

##### 1. Inventory

**1.1 Historic and Predicted Workload.** List by units of weapon type the quantities of all weapons that were receipted into/are programmed to be in your inventory for the period below. Report the single highest total onboard quantity in inventory for each Fiscal Year. (Report data as of 30 September of the Fiscal Year, where data is not available for the whole year.) *For each commodity, separately identify non-DoN requirements (e.g. DoN: #x / Army: #y).*

Table 1.1.a: **Historic and Predicted Inventory**

Ammunition / Ordnance Commodity Type	Units in Inventory (items)							
	FY 1986 <sup>(1)</sup>	FY 1987 <sup>(1)</sup>	FY 1988 <sup>(1)</sup>	FY 1989 <sup>(1)</sup>	FY 1990 <sup>(2)</sup>	FY 1991 <sup>(2)</sup>	FY 1992 <sup>(2)</sup>	FY 1993
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Air Launched Threat	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6899
Surface Launched Threat	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6525
Other Threat	N/A	N/A	N/A	N/A	N/A	N/A	N/A	651
Expendables	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4653
INERT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	93175
CADs/PADs	N/A	N/A	N/A	N/A	N/A	N/A	N/A	27441
Strategic Nuclear	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tactical Nuclear	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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Ammunition / Ordnance Commodity Type	Units in Inventory (items)							
	FY 1986 <sup>(1)</sup>	FY 1987 <sup>(1)</sup>	FY 1988 <sup>(1)</sup>	FY 1989 <sup>(1)</sup>	FY 1990 <sup>(2)</sup>	FY 1991 <sup>(2)</sup>	FY 1992 <sup>(2)</sup>	FY 1993
LOE: Rockets	N/A	N/A	N/A	N/A	N/A	N/A	N/A	8569
LOE: Bombs	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1144
LOE: Gun Ammo (20mm-16")	N/A	N/A	N/A	N/A	N/A	N/A	N/A	982839
LOE: Small Arms (up to 50 cal.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	48418262
LOE: Pyro/Demo	N/A	N/A	N/A	N/A	N/A	N/A	N/A	516911
Grenades/Mortars/Projectiles	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1552901
Explosive Component Storage <sup>(3)</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	661898
NAPALM <sup>(4)</sup>	35000	35000	35000	35000	35000	35000	35000	35000

NOTES:

(1) Records not available.

(2) Until Oct 1993, NAVORDCEN PACDIV Fallbrook Detachment was part of NWS Seal Beach (N60701). Ordnance inventory data was not kept by site. Therefore, requested inventory data between 1990 and 1992 (inclusive) will be submitted as part of the NWS Seal Beach BRAC 95 data call.

(3) Storage space is required for explosive components (warheads, rocket motors, etc) of All up Round (AURs) missiles and other items. Only AURs are shown in all other rows above.

(4) Fallbrook is storing old NAPALM canisters outdoor. Current plans call for the disposal of the NAPALM by 1999 at a cost of \$12.0M.

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**1. Inventory, continued**

**Table 1.1.b: Historic and Predicted Inventory**

Ammunition / Ordnance Commodity Type	Units in Inventory (items)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Air Launched Threat	7751	8387	9023	9659	10295	10932	10932	10932
Surface Launched Threat	6181	6233	6285	6338	6390	6443	6443	6443
Other Threat	569	569	569	569	569	569	569	569
Expendables	1588	43092	84596	126101	167605	209110	209110	209110
INERT	97435	122895	148356	173816	199277	224738	224738	224738
CADs/PADs	26269	163024	299779	436534	573289	710045	710045	710045
Strategic Nuclear	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tactical Nuclear	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LOE: Rockets	8274	8768	9262	9756	10250	10745	10745	10745
LOE: Bombs	412	8093	15775	23457	31139	38821	38821	38821
LOE: Gun Ammo (20mm-16")	949195	1095708	1242221	1388734	1535247	1681760	1681760	1681760
LOE: Small Arms (up to 50 cal)	46888900	46891300	46893700	46896100	46893500	46900900	46900900	46900900
LOE: Pyro/Demo	528896	540799	552703	564607	576511	588415	588415	588415
Grenades / Mortars / Projectiles	1508246	1517114	1525981	1534849	1543716	1552584	1552584	1552584

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Ammunition / Ordnance Commodity Type	Units in Inventory (items)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Explosive Component Storage <sup>(1)</sup>	691207	703194	715181	727168	739155	751142	751142	751142
NAPALM <sup>(2)</sup>	34800	34800	26100	17400	8700	0	0	0

NOTES:

(1) Storage space is required for explosive components (warheads, rocket motors, etc) of All up Round (AURs) missiles and other items. Only AURs are shown in all other rows above.

(2) Fallbrook is storing old NAPALM canisters outdoors. Current plans call for the disposal of the NAPALM by 1999 at a cost of \$12.0M.

## 2. Stowage

2.1 Identify by units of weapon type the quantity of all weapons which can be presently stored at your facility and the maximum storage capability through FY 2001. In determining maximum capability assume (a) the current projected total workload and mix remains as assigned; (b) maximum personnel and equipment support are available; and (c) facility additions are limited to that MILCON already programmed. In distributing the overall ordnance stowage, choose the best configuration based on type of facilities available and predicted requirements.

Table 2.1: Present and Predicted Stowage Capability

R \*

Ammunition / Ordnance Commodity Type	Present Stowage Capability	Maximum Stowage Capability
Mines	0	0
Torpedoes	0	0
Air Launched Threat	7,751	10,991
Surface Launched Threat	6,181	6,181
Other Threat	694	694
Expendables	1,937	1,937
INERT	118,823	118,823
CADs/PADs	32,035	32,035
Strategic Nuclear	0	0
Tactical Nuclear	0	0
LOE: Rockets	10,090	10,090
LOE: Bombs	502	502
LOE: Gun Ammo (20mm-16")	1,157,555	1,157,555
LOE: Small Arms (up to 50 cal.)	57,181,580	57,181,580
LOE: Pyro/Demo	644,995	644,995

\* Zeros  
in BLANKS

8 R

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Ammunition / Ordnance Commodity Type	Present Stowage Capability	Maximum Stowage Capability
Grenades / Mortars / Projectiles	1,839,324	1,839,324
Other (specify) AUR Components	842,935	842,935



## 2. Stowage, continued

2.2 Provide, by facility number, the present and predicted inventories and the maximum stowage capability in tons and square feet for each stowage facility (e.g. box, igloo) under your cognizance. Using the assumptions given in section 2.1 in predicting the outyear facility utilization, distribute your overall ordnance compliment to the most likely configuration. When listing storage by facility, group facilities by location (e.g. main base, outlying area, special area, detachment), and identify that location in the space provided. Present and Predicted Inventories' SF reports the square footage required by those inventories; Maximum Stowage SF values will indicate the total square footage available. Reproduce Table 2.2 as necessary. *If any non-DON inventory is held/programmed to be held, report that material separately from your DON stock.*

Table 2.2: Total Facility Capability Summary

R

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
321	0.5	54	0.5	54	1.0	54
322	0.5	54	0.5	54	1.0	54
323	0.5	54	0.5	54	1.0	54
327	0.5	54	0.5	54	1.0	54
328	0.5	54	0.5	54	1.0	54
346	0.5	70	0.5	70	1.0	70
436	0.5	49	0.5	49	1.0	49
455	0.5	54	0.5	54	1.0	54
456	0.5	54	0.5	54	1.0	54
457	0.5	54	0.5	54	1.0	54
458	0.5	54	0.5	54	1.0	54
501	0.5	500	0.5	500	8.0	500
502	0.5	500	0.5	500	8.0	500
503	2.5	500	2.5	500	8.0	500
504	2.2	333	2.2	333	8.0	500
505	1.1	167	1.1	167	8.0	500
506	2.3	250	2.3	250	8.0	500
507	1.1	500	1.1	500	8.0	500
508	0.2	250	0.2	250	8.0	500
509	0.7	500	0.7	500	8.0	500
510	2.1	175	2.1	175	8.0	500
511	5.1	500	5.1	500	8.0	500
512	4.1	500	4.1	500	8.0	500
513	3.1	500	3.1	500	8.0	500

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY 2001		MAXIMUM STORAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
514	2.6	500	2.6	500	8.0	500
515	0.2	500	0.2	500	8.0	500
516	1.9	500	1.9	500	8.0	500
517	0.5	333	0.5	333	8.0	500
518	1.3	333	1.3	333	8.0	500
519	0.5	333	0.5	333	8.0	500
541	0.9	204	0.9	204	2.0	204
542	2.0	204	2.0	204	2.0	204
543	0.4	136	0.4	136	2.0	204
544	0.8	204	0.8	204	2.0	204
545	0.0	102	0.0	102	2.0	204
561	6.7	625	6.7	625	13.4	1250
562	4.6	833	4.6	833	6.9	1250
563	1.0	500	1.0	500	8.0	500
564	10.1	1250	10.1	1250	10.1	1250
565	20.7	1250	20.7	1250	20.7	1250
566	21.7	1250	21.7	1250	21.7	1250
601	98.0	4688	104.5	5000	104.5	5000
602	1.5	1000	7.5	5000	7.5	5000
603	624.8	3945	792.0	5000	792.0	5000
604	282.1	2334	604.5	5000	604.5	5000
605	971.4	4286	1133.4	5000	1133.4	5000
606	511.0	4699	543.7	5000	543.7	5000
607	497.5	5000	497.5	5000	497.5	5000
608	24.1	4167	28.9	5000	28.9	5000
609	291.2	5000	291.2	5000	291.2	5000
610	97.2	1506	322.8	5000	322.8	5000
611	306.9	5000	306.9	5000	306.9	5000
612	331.1	5000	331.1	5000	331.1	5000
613	305.6	5000	305.6	5000	305.6	5000
614	99.0	4286	115.5	5000	115.5	5000
615	288.7	5000	288.7	5000	288.7	5000
616	316.9	5000	316.9	5000	316.9	5000
617	116.7	5000	116.7	5000	116.7	5000
618	155.1	4667	166.2	5000	166.2	5000
619	179.3	2736	327.7	5000	327.7	5000
620	178.9	2685	333.1	5000	333.1	5000
621	80.0	4286	93.3	5000	93.3	5000
622	78.9	4286	92.1	5000	92.1	5000
623	138.0	4286	161.0	5000	161.0	5000

## Activity: 00396

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
624	116.3	4643	125.2	5000	125.2	5000
625	147.6	1880	392.7	5000	392.7	5000
626	20.4	2000	15.3	1500	20.4	2000
626	17.6	1778	12.7	1278	19.8	2000
626	25.5	2000	19.1	1500	25.5	2000
627	3.2	1778	2.3	1278	3.6	2000
627	16.3	2000	12.2	1500	16.3	2000
627	37.8	2000	28.4	1500	37.8	2000
628	47.5	2000	35.6	1500	47.5	2000
628	67.2	1778	48.3	1278	75.6	2000
628	26.8	1778	19.3	1278	30.1	2000
629	49.0	2000	36.8	1500	49.0	2000
629	48.0	1778	34.5	1278	54.0	2000
629	35.6	2000	26.7	1500	35.6	2000
630	109.3	1778	78.6	1278	123.0	2000
630	51.5	1167	51.5	1167	88.3	2000
630	69.0	1771	69.0	1771	77.9	2000
631	84.9	1556	84.9	1556	109.2	2000
631	129.6	1750	129.6	1750	148.1	2000
631	48.7	2000	36.5	1500	48.7	2000
632	69.4	1792	50.0	1292	77.5	2000
632	76.1	2000	57.1	1500	76.1	2000
632	94.9	2000	71.2	1500	94.9	2000
633	29.3	1500	29.3	1500	39.1	2000
633	2.8	500	2.8	500	11.2	2000
633	37.9	1100	37.9	1100	68.9	2000
634	85.8	2000	64.4	1500	85.8	2000
634	131.7	1500	131.7	1500	175.6	2000
634	11.5	1500	11.5	1500	15.3	2000
635	59.4	1778	42.7	1278	66.8	2000
635	68.0	2000	51.0	1500	68.0	2000
635	44.9	2000	33.7	1500	44.9	2000
636	91.5	4769	95.9	5000	95.9	5000
637	137.1	2695	254.4	5000	254.4	5000
638	73.4	5000	73.4	5000	73.4	5000
639	35.0	4334	40.4	5000	40.4	5000
640	100.8	4643	108.6	5000	108.6	5000
641	185.9	4667	199.2	5000	199.2	5000
642	402.1	4643	433.0	5000	433.0	5000
643	235.2	4334	271.4	5000	271.4	5000

## Activity: 00396

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
644	19.6	1429	68.6	5000	68.6	5000
645	133.6	4643	143.9	5000	143.9	5000
646	36.4	1225	148.6	5000	148.6	5000
647	66.3	3153	105.1	5000	105.1	5000
648	31.3	3929	39.8	5000	39.8	5000
649	119.0	4286	138.8	5000	138.8	5000
650	32.5	1250	130.0	5000	130.0	5000
651	147.7	5000	147.7	5000	147.7	5000
652	166.7	5000	166.7	5000	166.7	5000
653	127.7	4722	135.2	5000	135.2	5000
671	14.9	1750	14.9	1750	17.0	2000
672	66.9	1778	48.1	1278	75.3	2000
673	157.1	2000	117.8	1500	157.1	2000
674	97.9	1688	97.9	1688	116.0	2000
675	16.5	1042	16.5	1042	31.7	2000
676	86.4	1778	62.1	1278	97.2	2000
677	61.9	2000	46.4	1500	61.9	2000
678	8.1	1500	8.1	1500	10.8	2000
679	179.2	2000	134.4	1500	179.2	2000
680	101.4	2000	76.1	1500	101.4	2000
701	138.8	1873	101.7	1373	148.2	2000
702	196.9	2000	147.7	1500	196.9	2000
703	76.0	2000	57.0	1500	76.0	2000
704	129.9	2000	97.4	1500	129.9	2000
705	119.3	1752	119.3	1752	136.2	2000
706	216.3	2000	162.2	1500	216.3	2000
707	61.4	1577	61.4	1577	77.9	2000
708	197.3	2000	148.0	1500	197.3	2000
709	75.6	2000	56.7	1500	75.6	2000
710	191.0	1250	191.0	1250	305.6	2000
731	165.8	1778	119.2	1278	186.5	2000
732	213.9	1778	153.7	1278	240.6	2000
733	111.7	2000	83.8	1500	111.7	2000
734	230.1	1778	165.4	1278	258.9	2000
735	84.3	1750	84.3	1750	96.3	2000
736	88.1	1778	63.3	1278	99.1	2000
737	160.9	2000	120.7	1500	160.9	2000
738	133.2	1750	133.2	1750	152.2	2000
739	226.5	2000	169.9	1500	226.5	2000
740	84.7	2000	63.5	1500	84.7	2000

Activity: 00396

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
741	2.9	250	2.9	250	23.2	2000
761	90.3	2000	67.7	1500	90.3	2000
762	128.4	2000	96.3	1500	128.4	2000
763	198.4	2000	148.8	1500	198.4	2000
764	168.4	2000	126.3	1500	168.4	2000
765	216.8	2000	162.6	1500	216.8	2000
766	78.0	2000	58.5	1500	78.0	2000
767	233.1	2000	174.8	1500	233.1	2000
768	4.7	1500	4.7	1500	6.3	2000
769	47.2	2000	35.4	1500	47.2	2000
770	54.4	1750	54.4	1750	62.2	2000
781	23.7	2000	17.8	1500	23.7	2000
782	81.0	2000	60.8	1500	81.0	2000
783	84.6	2000	63.5	1500	84.6	2000
784	70.2	2000	52.7	1500	70.2	2000
801	110.3	2000	82.7	1500	110.3	2000
802	16.8	2000	12.6	1500	16.8	2000
803	152.9	2000	114.7	1500	152.9	2000
804	107.9	1125	107.9	1125	191.8	2000
805	197.3	2000	148.0	1500	197.3	2000
806	12.4	1750	12.4	1750	14.2	2000
807	77.9	1917	57.6	1417	81.3	2000
808	73.6	2000	55.2	1500	73.6	2000
809	67.6	1778	48.6	1278	76.0	2000
810	254.2	1583	254.2	1583	321.1	2000
831	218.8	2000	164.1	1500	218.8	2000
832	173.3	2000	130.0	1500	173.3	2000
833	225.6	1951	167.8	1451	231.2	2000
834	226.4	2000	169.8	1500	226.4	2000
835	198.9	1750	198.9	1750	227.3	2000
836	218.7	2000	164.0	1500	218.7	2000
837	142.4	2000	106.8	1500	142.4	2000
838	175.2	1542	175.2	1542	227.3	2000
839	216.4	1778	155.5	1778	243.4	2000
840	201.1	1778	144.5	1778	226.2	2000
851	2.7	1113	2.7	1113	3.4	1416
852	21.2	1250	21.2	1250	33.9	2000
861	43.3	2000	32.5	1500	43.3	2000
862	27.2	1556	27.2	1556	35.0	2000
863	98.7	1778	70.9	1778	111.0	2000

## Activity: 00396

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
864	166.8	1633	166.8	1633	204.2	2000
865	5.9	1250	5.9	1250	9.4	2000
866	17.7	500	17.7	500	70.8	2000
867	71.9	2000	53.9	1500	71.9	2000
868	41.0	1750	41.0	1750	46.9	2000
869	27.8	750	27.8	750	74.1	2000
870	21.7	1333	21.7	1333	32.5	2000
871	37.3	2000	28.0	1500	37.3	2000
872	71.4	1778	71.4	1778	80.3	2000
873	20.9	889	20.9	889	47.0	2000
874	4.4	250	4.4	250	35.2	2000
875	13.2	667	13.2	667	39.6	2000
876	126.0	2000	94.5	1500	126.0	2000
877	57.9	2000	43.4	1500	57.9	2000
878	0.0	889	0.0	889	0.0	2000
879	7.1	667	7.1	667	21.3	2000
880	18.5	1778	18.5	1778	20.8	2000
881	0.8	222	0.8	222	7.2	2000
922	619.0	7926	619.0	7926	619.0	7926
923	321.9	7926	321.9	7926	321.9	7926
924	141.0	7812	180.2	9982	180.2	9982
925	408.0	9548	426.6	9982	426.6	9982
926	366.6	9982	366.6	9982	366.6	9982
927	379.5	9982	379.5	9982	379.5	9982
P-143(1)	380	9982	380.0	9982	380.0	9982
P-143(1)	380	9982	380.0	9982	380.0	9982
P-200(2)	N/A	N/A	760.0	19964	760.0	19964
P-202(3)	N/A	N/A	380.0	9982	380.0	9982
TOTAL	22,227.3	459,766	23,435.6	501,214	26,897.5	573,981
NOTES:						
(1) P-143 Will Construct 2 HARM missile magazine. This project will be completed by Feb, 1995						
(2) P-200 Constructs 2 JSOW magazines in 1999.						
(3) P-202 Constructs one AMRAAM magazine in 1999						

Activity: 00396

**2. Stowage, continued**

**2.3** In the table below, provide the basic characteristics of the stowage facilities under your cognizance. Identify the type of structure (e.g. box, igloo), its rated category, rated Net Explosive Weight (N.E.W.) and status of ESQD arc for each stowage facility listed above.

**Table 2.3: Facility Rated Status**

**R**

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.  (000s)	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
321 KEYPORT	1.1	4	Y	N	N/A
322 KEYPORT	1.1	4	Y	N	N/A
323 KEYPORT	1.1	3	Y	N	N/A
327 KEYPORT	1.1	100	Y	N	N/A
328 KEYPORT	1.1	100	Y	N	N/A
346 KEYPORT	1.1	100	Y	N	N/A
436 KEYPORT	1.1	4	Y	N	N/A
455 KEYPORT	1.1	2	Y	N	N/A
456 KEYPORT	1.1	1.5	Y	N	N/A
457 KEYPORT	1.1	1	Y	N	N/A
458 KEYPORT	1.1	100	Y	N	N/A
501 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
502 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
503 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A

Activity: 00396

Facility Number / Type	Hazard Rating (1.1- 1.4)	Rated N.E.W  (000s)	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
504 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
505 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
506 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
507 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
508 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
509 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
510 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
511 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
512 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
513 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
514 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
515 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
516 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
517 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
518 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
519 IGLOO/BULK HE/SPP	1.1	70	Y	N	N/A
541 IGLOO/BULK HE/SPP	1.1	15	Y	N	N/A
542 IGLOO/BULK HE/SPP	1.1	15	Y	N	N/A
543 IGLOO/BULK HE/SPP	1.1	15	Y	N	N/A
544 IGLOO/BULK HE/SPP	1.1	15	Y	N	N/A



Activity: 00396

Facility Number / Type	Hazard Rating (1.1- 1.4)	Rated N.E.W  (000s)	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
545 IGLOO/BULK HE/SPP	1.1	15	Y	N	N/A
561 IGLOO/BULK HE/SPP	1.1	190	Y	N	N/A
562 IGLOO/BULK HE/SPP	1.1	175	Y	N	N/A
563 IGLOO/BULK HE/SPP	1.1	175	Y	N	N/A
564 IGLOO/BULK HE/SPP	1.1	170	Y	N	N/A
565 IGLOO/BULK HE/SPP	1.1	150	Y	N	N/A
566 IGLOO/BULK HE/SPP	1.1	110	Y	N	N/A
601 BOX	1.1	200	Y	N	N/A
602 BOX	1.1	225	Y	N	N/A
603 BOX	1.1	325	Y	N	N/A
604 BOX	1.1	500	Y	N	N/A
605 BOX	1.1	500	Y	N	N/A
606 BOX	1.1	500	Y	N	N/A
607 BOX	1.1	200	Y	N	N/A
608 BOX	1.1	175	Y	N	N/A
609 BOX	1.1	170	Y	N	N/A
610 BOX	1.1	175	Y	N	N/A
611 BOX	1.1	225	Y	N	N/A
612 BOX	1.1	250	Y	N	N/A
613 BOX	1.1	300	Y	N	N/A

Activity: 00396

Facility Number / Type	Hazard Rating (1.1- 1.4)	Rated N.E.W  (000s)	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
614 BOX	1.1	375	Y	N	N/A
615 BOX	1.1	350	Y	N	N/A
616 BOX	1.1	175	Y	N	N/A
617 BOX	1.1	175	Y	N	N/A
618 BOX	1.1	200	Y	N	N/A
619 BOX	1.1	225	Y	N	N/A
620 BOX	1.1	225	Y	N	N/A
621 BOX	1.1	225	Y	N	N/A
622 BOX	1.1	200	Y	N	N/A
623 BOX	1.1	150	Y	N	N/A
624 BOX	1.1	60	Y	N	N/A
625 BOX	1.1	110	Y	N	N/A
626 IGLOO/BULK HE/SPP	1.1	12	Y	N	N/A
626 IGLOO/BULK HE/SPP	1.1	12	Y	N	N/A
626 IGLOO/BULK HE/SPP	1.1	12	Y	N	N/A
627 IGLOO/BULK HE/SPP	1.1	125	Y	N	N/A
627 IGLOO/BULK HE/SPP	1.1	125	Y	N	N/A
627 IGLOO/BULK HE/SPP	1.1	125	Y	N	N/A
628 IGLOO/BULK HE/SPP	1.1	150	Y	N	N/A
628 IGLOO/BULK HE/SPP	1.1	150	Y	N	N/A

Activity: 00396

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W (000s)	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
628 IGLOO/BULK HE/SPP	1.1	150	Y	N	N/A
629 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
629 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
629 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
630 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
630 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
630 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
631 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
631 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
631 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
632 IGLOO/BULK HE/SPP	1.1	108	Y	N	N/A
632 IGLOO/BULK HE/SPP	1.1	108	Y	N	N/A
632 IGLOO/BULK HE/SPP	1.1	108	Y	N	N/A
633 IGLOO/BULK HE/SPP	1.1	108	Y	N	N/A
633 IGLOO/BULK HE/SPP	1.1	108	Y	N	N/A
633 IGLOO/BULK HE/SPP	1.1	108	Y	N	N/A
634 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
634 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
634 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
635 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A

Activity: 00396

Facility Number / Type	Hazard Rating (1.1- 1.4)	Rated N.E.W  (000s)	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
635 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
635 IGLOO/BULK HE/SPP	1.1	167	Y	N	N/A
636 BOX	1.1	170	Y	N	N/A
637 BOX	1.1	200	Y	N	N/A
638 BOX	1.1	250	Y	N	N/A
639 BOX	1.1	70	Y	N	N/A
640 BOX	1.1	100	Y	N	N/A
641 BOX	1.1	150	Y	N	N/A
642 BOX	1.1	500	Y	N	N/A
643 BOX	1.1	500	Y	N	N/A
644 BOX	1.1	500	Y	N	N/A
645 BOX	1.1	160	Y	N	N/A
646 BOX	1.1	175	Y	N	N/A
647 BOX	1.1	200	Y	N	N/A
648 BOX	1.1	200	Y	N	N/A
649 BOX	1.1	180	Y	N	N/A
650 BOX	1.1	150	Y	N	N/A
651 BOX	1.1	500	Y	N	N/A
652 BOX	1.1	500	Y	N	N/A
653 BOX	1.1	500	Y	N	N/A

Activity: 00396

Facility Number / Type	Hazard Rating (1.1- 1.4)	Rated N.E.W  (000s)	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
671 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
672 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
673 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
674 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
675 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
676 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
677 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
678 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
679 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
680 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
701 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
702 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
703 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
704 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
705 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
706 IGLOO/BULK HE/SPP	1.1	300	Y	N	N/A
707 IGLOO/BULK HE/SPP	1.1	200	Y	N	N/A
708 IGLOO/BULK HE/SPP	1.1	125	Y	N	N/A
709 IGLOO/BULK HE/SPP	1.1	200	Y	N	N/A
710 IGLOO/BULK HE/SPP	1.1	180	Y	N	N/A

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Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W (000s)	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
731 IGLOO/BULK HE/SPP	1.1	275	Y	N	N/A
732 IGLOO/BULK HE/SPP	1.1	200	Y	N	N/A
733 IGLOO/BULK HE/SPP	1.1	200	Y	N	N/A
734 IGLOO/BULK HE/SPP	1.1	400	Y	N	N/A
735 IGLOO/BULK HE/SPP	1.1	325	Y	N	N/A
736 IGLOO/BULK HE/SPP	1.1	325	Y	N	N/A
737 IGLOO/BULK HE/SPP	1.1	225	Y	N	N/A
738 IGLOO/BULK HE/SPP	1.1	300	Y	N	N/A
739 IGLOO/BULK HE/SPP	1.1	200	Y	N	N/A
740 IGLOO/BULK HE/SPP	1.1	200	Y	N	N/A
741 IGLOO/BULK HE/SPP	1.1	250	Y	N	N/A
761 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
762 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
763 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
764 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
765 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
766 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
767 IGLOO/BULK HE/SPP	1.1	300	Y	N	N/A
768 IGLOO/BULK HE/SPP	1.1	15	Y	N	N/A
769 IGLOO/BULK HE/SPP	1.1	40	Y	N	N/A

Activity: 00396

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W (000s)	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
770 IGLOO/BULK HE/SPP	1.1	150	Y	N	N/A
781 IGLOO/BULK HE/SPP	1.1	225	Y	N	N/A
782 IGLOO/BULK HE/SPP	1.1	250	Y	N	N/A
783 IGLOO/BULK HE/SPP	1.1	400	Y	N	N/A
784 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
801 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
802 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
803 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
804 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
805 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
806 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
807 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
808 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
809 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
810 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
831 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
832 IGLOO/BULK HE/SPP	1.1	425	Y	N	N/A
833 IGLOO/BULK HE/SPP	1.1	325	Y	N	N/A
834 IGLOO/BULK HE/SPP	1.1	300	Y	N	N/A
835 IGLOO/BULK HE/SPP	1.1	200	Y	N	N/A

Activity: 00396

Facility Number / Type	Hazard Rating (1.1- 1.4)	Rated N.E.W  (000s)	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
836 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
837 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
838 IGLOO/BULK HE/SPP	1.1	375	Y	N	N/A
839 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
840 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
851 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
852 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
861 IGLOO/BULK HE/SPP	1.1	150	Y	N	N/A
862 IGLOO/BULK HE/SPP	1.1	150	Y	N	N/A
863 IGLOO/BULK HE/SPP	1.1	200	Y	N	N/A
864 IGLOO/BULK HE/SPP	1.1	200	Y	N	N/A
865 IGLOO/BULK HE/SPP	1.1	150	Y	N	N/A
866 IGLOO/BULK HE/SPP	1.1	200	Y	N	N/A
867 IGLOO/BULK HE/SPP	1.1	160	Y	N	N/A
868 IGLOO/BULK HE/SPP	1.1	150	Y	N	N/A
869 IGLOO/BULK HE/SPP	1.1	150	Y	N	N/A
870 IGLOO/BULK HE/SPP	1.1	140	Y	N	N/A
871 IGLOO/BULK HE/SPP	1.1	250	Y	N	N/A
872 IGLOO/BULK HE/SPP	1.1	250	Y	N	N/A
873 IGLOO/BULK HE/SPP	1.1	275	Y	N	N/A



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Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W (000s)	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
874 IGLOO/BULK HE/SPP	1.1	350	Y	N	N/A
875 IGLOO/BULK HE/SPP	1.1	400	Y	N	N/A
876 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
877 IGLOO/BULK HE/SPP	1.1	500	Y	N	N/A
878 IGLOO/BULK HE/SPP	1.1	450	Y	N	N/A
879 IGLOO/BULK HE/SPP	1.1	450	Y	N	N/A
880 IGLOO/BULK HE/SPP	1.1	375	Y	N	N/A
881 IGLOO/BULK HE/SPP	1.1	350	Y	N	N/A
922 MISSILE	1.1	400	Y	N	N/A
923 MISSILE	1.1	325	Y	N	N/A
924 MISSILE	1.1	375	Y	N	N/A
925 MISSILE	1.1	400	Y	N	N/A
926 MISSILE	1.1	250	Y	N	N/A
927 MISSILE	1.1	425	Y	N	N/A
P-143 (A) <sup>(1)</sup>	1.1	350	Y	N	N/A
P-143 (B) <sup>(1)</sup>	1.1	350	Y	N	N/A
P-143 is currently under construction. Completion is expected in February 1995.					

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## 2. Stowage, continued

2.4 Provide details of your calculations and the assumptions made to determine the differences reported in Table 2.2. between present and maximum capability, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased stowage workload at this activity. Indicate by Fiscal Year (FY) when programmed MILCON will increase your stowage capability and by how much. Specify any factors that significantly inhibit this facility realizing its maximum storage capability (e.g. condition of storage facilities, personnel to maintain necessary operations, operating equipment, ESQD limits, environmental constraints, physical security, etc.).

Present capability is based on the Building Utilization Report provided by NSWC Crane and dated 1 April 1994. This report shows the present utilization of each magazine located at this activity, the tonnage of ordnance currently stored in the magazine, and the percentage of total available storage space being utilized. CR  
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Explosive ordnance at the Fallbrook site is stored based on a stow plan that maximizes the quantities of items to be stored in the magazines based on

- Net Explosive Weight (NEW) constraints
- Compatibility Constraints
- Pallet/Container stacking constraints

Therefore, it is assumed that the square foot per ton of ordnance currently reported in the 8023 report for each magazine can be used as a good approximation of the total tonnage of ordnance that could be stored in a magazine under maximum storage conditions. Maximum square footage shown for each magazine, represents the available space inside the magazine for ordnance storage.

Predicted utilization of magazines in 2001 was based on increases or decreases to our inventory to meet load plan requirements as shown in Table 1.1. for the year 2001 and our capability to store this inventory as shown in Table 2.1. Variances between these two tables and the associated increases/decreases in storage space requirements (expressed in number and type of magazine) are shown below. Results of this analysis show that the capability to store threat weapons in the year 2001 will nearly match the planned capability to store these missiles. Based on planned variances in storing Rockets, Bombs, Gun Ammo and Pyro/Demmo an additional 8.75, 50 X 100 magazines, or 43,750 sf is required.. This additional storage requirement nearly equals the difference between the maximum storage capacity of 50X100 magazines (215,000 sf) and the current square footage utilized in 50 X 100 magazines (170,092 sf), which equals 44, 907,.5 sf. Therefore, maximum utilization of 50X100 magazines is planned for the year 2001.

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Finally, based on the data below, variances in capacity versus requirement for Expendables, CADs/PADS, Small Arms, and Grenades/Mortars will result in a reduction in the need for 18, 25X80 magazines (36,000 sf) by the year 2001. This reduction was accomplished by reducing the 72 most currently utilized 25X80 magazines by 500 sq ft. For all magazines less than 2000 sf, current utilization figures were used to predict year 2001 utilization. Tonnage of ordnance to be stored in magazines in the year 2001 were based on square foot per ton factors derived as discussed above.

Commodity Type	Capability	Reqt	Variance (+-)	#/Type Mags
AIR THREAT	10,991	10,932	+59	-1/10 -MISSILE MAG
SURF THREAT	6,181	6,443	+262	+4/10 -MISSILE MAG
OTHER THREAT	694	569	-125	-2/10 -MISSILE MAG
EXPENDABLES	1,937	209,110	+207,173	+ 1 -25X 80 MAG
CADS/PADS	32,035	710,045	+678,010	+1 -25X 80 MAG
ROCKETS	10,090	10,745	+ 655	+ 1/12 -50X100 MAG
BOMBS	502	38,821	+38,319	+ 9 -50X100 MAGS
GUN AMMO	1,157,555	1,681,760	+524,205	+2/3 -50X100 MAGS
SMALL ARMS	57,181,580	46,900,900	-10,280,680	-2 -25X80 MAGS
PYRO DEMMOS	644,995	588,415	-56,580	-1 -50 X100 MAGS
GRENADES/ MORTARS	1,839,324	1,552,584	-286,740	-16 -25X80 MAGS
EXPLOSIVE COMPONENTS	842,935	751,142	-91,793	-2 -25X80 MAGS

**2.5** For each inhibiting item identified in question 2.4, assess a cost or impact of eliminating the inhibitor, the Fiscal Year (FY) in which such elimination would be completed, and the quantity increase in storage capability realized (express in terms of tons and square feet).

N/A

**2.6** Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance stowage at this activity (AICUZ encroachment, pollutant discharge, etc.)?

None

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**Mission Area**

**3. Throughput**

**3.1** Based on current programmed workload and mix, identify the current outload requirements for each commodity type of each munition stored at this facility, in each of the following operational scenarios. Provide Unit Throughput as available.

**Table 3.1.a: Over-The-Pier Throughput Requirements (VERTREP)**

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Munitions Type	Throughput Requirement (tons/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE	182	224	228
Threat	78	96	97
Nuclear Threat	0	0	0
Other	0	0	0

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### Mission Area

#### 3. Throughput

3.1 Based on current programmed workload and mix, identify the current outload requirements for each commodity type of each munition stored at this facility, in each of the following operational scenarios. Provide Unit Throughput as available.

Table 3.1.a: Over-The-Pier Throughput Requirements (VERTREP)

Munitions Type	Throughput Requirement (tons/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE	217	224	228
Threat	93	96	97
Nuclear Threat	0	0	0
Other	0	0	0

Note: Actual tonnage may vary between LOE and Threat but total tonnage will remain constant.

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Table 3.1.b: Over-The-Pier Throughput Requirements (VERTREP)

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Munitions Type	Throughput Requirement (units/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE	182 PLTS	224 PLTS	228 PLTS
Threat	78 PLTS	96 PLTS	97 PLTS
Nuclear Threat	N/A	N/A	N/A
Other	N/A	N/A	N/A

Note: PLTS denotes throughput requirement in pallets (1 PLT = Approx 1 ton)

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Table 3.1.b: **Over-The-Pier Throughput**

**Requirements (VERTREP)**

Munitions Type	Throughput Requirement (units/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE	217 PLTS	224 PLTS	228 PLTS
Threat	93 PLTS	96 PLTS	97 PLTS
Nuclear Threat	N/A	N/A	N/A
Other	N/A	N/A	N/A

Note: PLTS denotes throughput requirement in pallets (1 PLT = Approx 1 ton)

Actual quantities may vary between LOE and Threat but total tonnage will remain constant.

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### 3. Throughput, continued

**3.2** Identify the throughput in Tons for your facility as rated, as required under the operational conditions specified, and as executed or programmed for requested Fiscal Years. In determining your maximum rated capability, assume: (a) the current projected total

workload and mix remains as assigned; (b) maximum personnel and equipment support are available; and (c) facility additions are limited to that MILCON already programmed. In distributing the overall ordnance requirement, choose the best configuration based on type of facilities available and predicted requirements. In the space provided below Table 3.2.a, detail the basis for your calculations of your maximum rated capability. If the Fiscal Years sampled in Table 3.2.b do not reflect your highest and lowest levels of activity for the period FY 1986-2001, add those years in the space provided.

Table 3.2.a: **Throughput in Tons/Day**

**R**

		PIER	VERTREP	RAIL	TRUCK
Maximum Rated Capability	LOE	N/A	182	N/A	105
	Threat	N/A	78	N/A	45
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0
Requirement (Peacetime Operations)	LOE	N/A	182	N/A	53
	Threat	N/A	78	N/A	22
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0
Requirement (Mobilization) <sup>(1)</sup>	LOE	N/A	224	N/A	126
	Threat	N/A	96	N/A	54
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0



### 3. Throughput, continued

**3.2** Identify the throughput in Tons for your facility as rated, as required under the operational conditions specified, and as executed or programmed for requested Fiscal Years. In determining your maximum rated capability, assume: (a) the current projected total

workload and mix remains as assigned; (b) maximum personnel and equipment support are available; and (c) facility additions are limited to that MILCON already programmed. In distributing the overall ordnance requirement, choose the best configuration based on type of facilities available and predicted requirements. In the space provided below Table 3.2.a, detail the basis for your calculations of your maximum rated capability. If the Fiscal Years sampled in Table 3.2.b do not reflect your highest and lowest levels of activity for the period FY 1986-2001, add those years in the space provided.

Table 3.2.a: **Throughput in Tons/Day**

		PIER	VERTREP	RAIL	TRUCK
Maximum Rated Capability (2 - 10 hr. shifts)	LOE	N/A	228 <sup>(1)</sup>	N/A	168 <sup>(1)</sup>
	Threat	N/A	97 <sup>(1)</sup>	N/A	72 <sup>(1)</sup>
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0
Requirement (Peacetime Operations)	LOE	N/A	217	N/A	53
	Threat	N/A	93	N/A	22
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0
Requirement (Mobilization) <sup>(2)</sup> (2 - 10 hr. shifts)	LOE	N/A	224	N/A	126
	Threat	N/A	96	N/A	54
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0

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		PIER	VERTREP	RAIL	TRUCK
Requirement (Sustainment) <sup>(1)</sup>	LOE	N/A	228	N/A	168
	Threat	N/A	97	N/A	72
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0
NOTES: (1) Mobilization and Sustainment requires 2 - 10 hour shifts.					

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		PIER	VERTREP	RAIL	TRUCK
Requirement (Sustainment) <sup>(2)</sup>  (2 - 10 hr. shifts)	LOE	N/A	228	N/A	168
	Threat	N/A	97	N/A	72
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0

NOTES:

(1) Note: Actual tonnage may vary between LOE and Threat but total tonnage will remain constant. Total Maximum Rated Capability is 325 tons/day - VERTREP and 240 tons/day - TRUCK and is not cumulative but may consist of either weapon type.

(2) It is recognized the Mobilization and Sustainment requirements reflect a higher state of operations and readiness, and that the associated work period may well exceed the "1-8-5".

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3. Throughput, continued

Table 3.2.b: Historic and Predicted Throughput in Tons/Annual

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		PIER	VERTREP	RAIL	TRUCK
FY 1986 (Executed)	LOE	N/A	N/A	N/A	N/A
	Threat	N/A	N/A	N/A	N/A
	Nuclear Threat	N/A	N/A	N/A	N/A
	Other	N/A	N/A	N/A	N/A
FY 1991 <sup>(1)</sup> (Executed)	LOE	N/A	960	N/A	5290
	Threat	N/A	384	N/A	2553
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0
FY 1994 (Executed)	LOE	N/A	2,328	N/A	633
	Threat	N/A	25	N/A	1158
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0

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**3. Throughput, continued****Table 3.2.b: Historic and Predicted Throughput in Tons/Annual**

		PIER	VERTREP	RAIL	TRUCK
FY 1986 (Executed)	LOE	N/A	N/A	N/A	N/A
	Threat	N/A	N/A	N/A	N/A
	Nuclear Threat	N/A	N/A	N/A	N/A
	Other	N/A	N/A	N/A	N/A
FY 1991 <sup>(1)</sup> (Executed)	LOE	N/A	960	N/A	5290
	Threat	N/A	384	N/A	2553
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0
FY 1994 (Executed)	LOE	N/A	2,894	N/A	633
	Threat	N/A	25	N/A	1158
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0

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3. Throughput, continued

Table 3.2.c: Historic and Predicted Throughput in Tons/Annual

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		PIER	VERTREP	RAIL	TRUCK
FY 1997 (Programmed)	LOE	N/A	1916	N/A	5897
	Threat	N/A	744	N/A	2527
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0
FY 2001 (Programmed)	LOE	N/A	2163	N/A	5897
	Threat	N/A	744	N/A	2527
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0
FY: 1994  Minimum Outload Workload	LOE	N/A	2328	N/A	633
	Threat	N/A	25	N/A	1158
	Nuclear Threat	N/A	N/A	N/A	N/A
	Other	N/A	N/A	N/A	N/A
FY: 1991  Maximum Outload Workload	LOE	N/A	960	N/A	5290 <sup>(1)</sup>
	Threat	N/A	384	N/A	2,553 <sup>(1)</sup>
	Nuclear Threat	N/A	N/A	N/A	N/A

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3. Throughput, continued

Table 3.2.c: Historic and Predicted Throughput in Tons/Annual

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		PIER	VERTREP	RAIL	TRUCK
FY 1997 (Programmed)	LOE	N/A	1916	N/A	5897
	Threat	N/A	744	N/A	2527
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0
FY 2001 (Programmed)	LOE	N/A	2163	N/A	5897
	Threat	N/A	744	N/A	2527
	Nuclear Threat	N/A	0	N/A	0
	Other	N/A	0	N/A	0
FY: SEE NOTE 2	LOE	N/A	671	N/A	633
	Threat	N/A	25	N/A	1158
	Nuclear Threat	N/A	N/A	N/A	N/A
	Other	N/A	N/A	N/A	N/A
FY: SEE NOTE 3	LOE	N/A	5290	N/A	1659
	Threat	N/A	2553	N/A	1324
	Nuclear Threat	N/A	N/A	N/A	N/A

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		PIER	VERTREP	RAIL	TRUCK
	Other	N/A	N/A	N/A	N/A

(R)

NOTE:

(1) During FY91, (Desert Storm) a significant tonnage of LFORM type ammunition was shipped from NOCPACDIV Fallbrook to WPNSTA Seal Beach via truck. Since WPNSTA Seal Beach and NOCPACDIV Fallbrook were a single Command at that time this was considered an interstation transfer and therefore not distinguishable from other interstation ordnance transfers.

(R)

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Other	N/A	N/A	N/A	N/A

NOTE:

(1) During FY91, (Desert Storm) a significant tonnage of LFORM type ammunition was shipped from NOCPACDIV Fallbrook to WPNSTA Seal Beach via truck. Since they WPNSTA Seal Beach and NOCPACDIV Fallbrook were a single Command at that time this was considered an interstation transfer and therefore indistinguishable from other interstation ordnance transfers.

(2) Minimum LOE VERTREP occurred in 1993 LOE truck in 1994, Threat VERTREP 1994, Threat truck 1994

(3) Maximum LOE VERTREP occurred in 1992, LOE truck in 1991, Threat VERTREP 1991, Threat truck 1991

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### 3. Throughput, continued

**3.3** Identify the annual throughput, by type of receiving vessel, in short tons, for the period requested. Specify all non-DON recipients of ordnance from your activity (e.g. Army, FMS).

Table 3.3.a: **Historic/Programmed Ordnance Throughput Capability**

Type of Ship		Annual Short Tons Throughput							
		FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Combatants	CV /CV N	N/A	N/A	N/A	N/A	0	212	833	331
	Other	N/A	N/A	N/A	N/A	0	0	0	0
Navy Bulk (AE, AOE, AOR, etc.)		N/A	N/A	N/A	N/A	157	172	0	331
Navy Amphibious Ships		N/A	N/A	N/A	N/A	0	960	3874	671
Other Break Bulk		N/A	N/A	N/A	N/A	0	0	0	0
Container Ship		N/A	N/A	N/A	N/A	0	0	0	0
NOTES:									
N/A VERTREP Operations began in 1990									

**3. Throughput, continued****Table 3.3.b: Historic/Programmed Ordnance Throughput Capability**

Type of Ship		Annual Short Tons Throughput							
		FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Combatants	CV / CVN	0	744	744	744	744	744	744	744
	Other	0	0	0	0	0	0	0	0
Navy Bulk (AE, AOE, AOR, etc.)		24.7	0	0	0	0	0	0	0
Navy Amphibious Ships		2328	1856 (1)	3584 (2)	1916 (3)	2163	2163	2163	2163
Other Break Bulk		0	0	0	0	0	0	0	0
Container Ship		0	0	0	0	0	0	0	0
NOTES (1) Reduction due to ship decommissioning (2) New class of amphib ships commissioned (3) Reduction due to newly commissioned ships not down loading for maint. cycles until following year.									

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### 3. Throughput, continued

**3.4** Assuming (a) the current projected total workload and mix remains as assigned; (b) that sufficient demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this activity could expand the ordnance outload conducted, based on the current and future planned workload mixes? Please provide your response in annual throughput, by type of receiving vessel, in short tons, that could be accomplished at this facility for the period requested.

Table 3.4: **Maximum Potential Ordnance Throughput Capability/Per Day**

**R**

Type of Ship		Short Tons Throughput						
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Combatants	CV / CVN	78	78	78	78	78	78	78
	Other	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Navy Bulk (AE, AOE, AOR, etc.)		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Navy Amphibious Ships		182	182	182	182	182	182	182
Other Break Bulk		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Container Ship		N/A	N/A	N/A	N/A	N/A	N/A	N/A

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### 3. Throughput, continued

3.4 Assuming (a) the current projected total workload and mix remains as assigned; (b) that sufficient demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this activity could expand the ordnance outload conducted, based on the current and future planned workload mixes? Please provide your response in annual throughput, by type of receiving vessel, in short tons, that could be accomplished at this facility for the period requested.

Table 3.4: Maximum Potential Ordnance Throughput Capability/Per Day

Type of Ship		Short Tons Throughput						
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Combatants	CV / CVN	97	97	97	97	97	97	97
	Other	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Navy Bulk (AE, AOE, AOR, etc.)		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Navy Amphibious Ships		228	228	228	228	228	228	228
Other Break Bulk		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Container Ship		N/A	N/A	N/A	N/A	N/A	N/A	N/A

Note: Actual tonnage may vary between Type of Ship but total tonnage will remain constant.

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Activity: 00396

### **3. Throughput, continued**

**3.5** Provide details of the calculations used to complete Tables 3.4, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased outload workload at this activity.

Data was compiled from historic data. Calculations were based on servicing (2), CV/CVN, (1) AE/AOE, (1) LHD/LHA and (2) LPH/LPD a year. A basis was established using historic data to calculate tonnage for each class ship. Tonnage numbers are not cumulative, tons noted are what can be airlifted in a day to any class or numbers of ships.

**3.6** Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform ordnance outloads? What other investments in the industrial infrastructure would you make to increase activity outload capabilities? Describe quantitatively how the changes above would increase your activity's capabilities. What would the associated costs be? What would be the payback period and return on investment?

None are required to meet current mission parameters.

**3.7** Are there any ultimate and overriding limiting factors to expansion of this activity's outloading workload? If so, what are they?

Availability of helicopters.

**3.8** Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance outloading at this activity (AICUZ encroachment, pollutant discharge, etc.)?

None

Activity: 00396

**Mission Area**

**4. Maintenance and Testing**

**4.1** By units of ordnance type and by DLMHs, identify what maintenance and testing has been or is programmed to be performed at this location for the period requested. Report depot-level maintenance as a separate line from intermediate-level maintenance.

**Table 4.1.a: Historic and Predicted Maintenance and Testing Workload**

Ordnance Type	Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines								
Torpedoes								
Air Launched Threat	2446	2597	2366	1921	3661	3186	3088	3302
Surface Launched Threat							224	194
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo								

Activity: 00396

Ordnance Type	Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
(20mm-16")								
LOE: Small Arms (up to 50 cal)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								
Total:	2446	2597	2366	1921	3661	3186	3312	3496



**4. Maintenance and Testing, continued****Table 4.1.b: Historic and Predicted Maintenance and Testing Workload**

Ordnance Type	Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines								
Torpedoes								
Air Launched Threat	3020	2705	2863	1681	2062	2033	1674	1674
Surface Launched Threat	468	226	338	199	190	216	167	167
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								

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Ordnance Type	Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
LOE: Small Arms (up to 50 cal)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								
Total:	3488	2931	3201	1880	2252	2249	1841	1841

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**4. Maintenance and Testing, continued**

**Table 4.1.c: Historic and Predicted Maintenance and Testing Workload**

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines								
Torpedoes								
Air Launched Threat	61099	110462	91732	80609	103294	79330	113171	96750
Surface Launched Threat							2460	3156
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								

Activity: 00396

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								
Total:	61099	110462	91732	80609	103294	79330	115631	99906

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**4. Maintenance and Testing, continued**

**Table 4.1.d: Historic and Predicted Maintenance and Testing Workload**

Ordnance Type	DLMHs							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines								
Torpedoes								
Air Launched Threat	124791	73469	76900	79278	84734	65494	67778	68971
Surface Launched Threat	6078	3950	5914	4770	4172	3604	3604	3604
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								

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Ordnance Type	DLMHs							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal)								
LOE: Pyro/Demo								
Grenades / Mortars/ Projectiles								
Other (specify)								
Total:	130869	77419	82814	84048	88906	69098	71382	72575

#### 4. Maintenance and Testing, continued

**4.2** Assuming (a) the current projected total workload remains as assigned; (b) that sufficient demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this activity could expand the maintenance and testing conducted, based on the current and future planned workload mixes? Please provide your response in the absolute number of units throughput and DLMHs that could be accomplished at this facility. Report depot-level maintenance as a separate line from intermediate maintenance.

Table 4.2.a: Maximum Potential Maintenance and Testing Workload

Ordnance Type	Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines							
Torpedoes							
Air Launched Threat	21019	21019	21019	21019	21019	21019	21019
Surface Launched Threat	1106	1106	1106	1106	1106	1106	1106
Other Threat							
Expendables							
INERT							
CADs/PADs							
Strategic Nuclear							
Tactical Nuclear							

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Ordnance Type	Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
LOE: Rockets							
LOE: Bombs							
LOE: Gun Ammo (20mm-16")							
LOE: Small Arms (up to 50 cal)							
LOE: Pyro/Demo							
Grenades / Mortars / Projectiles							
Other (specify)							
Total:	22125	22125	22125	22125	22125	22125	22125



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**4. Maintenance and Testing, continued**

**Table 4.2.b: Maximum Potential Maintenance and Testing Workload**

Ordnance Type	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines							
Torpedoes							
Air Launched Threat	346490	346490	346490	346490	346490	346490	346490
Surface Launched Threat	7067	7067	7067	7067	7067	7067	7067
Other Threat							
Expendables							
INERT							
CADs/PADs							
Strategic Nuclear							
Tactical Nuclear							
LOE: Rockets							
LOE: Bombs							
LOE: Gun Ammo (20mm-16")							
LOE: Small Arms (up							

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Ordnance Type	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
to 50 cal)							
LOE: Pyro/Demo							
Grenades / Mortars / Projectiles							
Other (specify)							
Total:	353557	353557	353557	353557	353557	353557	353557

#### **4. Maintenance and Testing, continued**

**4.3** Provide details of the calculations used to complete Tables 4.2, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased maintenance and testing workload at this activity.

Testing of air launched missiles is constrained by (a) either test cell capacity, or (b) production floor space. Current production facilities have 5 test cells one of which is capable of testing 2 missiles simultaneously. A new facility (available 1 October 1994) is being constructed that will provide 4 new test cells that will allow testing of two missiles simultaneously. Based on the above, at any given time 14 missiles could be being tested simultaneously in our production facilities.

To determine the throughput capacity of test cells, several factors must be considered, they include:

- average cell time,
- number of tests,
- hours available,
- test set availability

Average cell time represents the amount of time a missile is in the test cell being tested.

Number of tests is based on the number of retests that are required before a missile passes.

Number of hours available is the number of hours in a workyear (2010)

Test set availability is the amount of time the test set is available to do testing and takes into account the amount of time the test set is down for maintenance.

Average cell time, number of tests, and test set availability time vary from missile to missile system. To derive these figures, a weighted average based on current workload was used.

To determine the actual capacity the equation used was:

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Number of tests that could be  
undertaken at any given time      X 2010 X Test Set Availability  
 avg cell time X number of test  
 which equals:

$$\frac{14 * 2010 *.7894}{.8975 * 1.119} = 22,125 \text{ missiles}$$

Production floor capacity is based on the number of production lines available for performing maintenance, the number of missiles per production line, the rate of production, and the up time of the production lines. It was estimated that a production line capable of producing 12 missiles simultaneously would be approximately 3500 sf. (including aisles between production lines), Our facilities have approximately 45,000 sf of production floor space which would permit a minimum of 13 production lines. The rate of production was derived using the Industrial Processing Guide (IPG) times for missiles which we currently perform ILM. IPG times vary from missile to missile, so a weighted average was utilized based on current workload mix. This time was 13.58 hrs per missile (assuming one person per station).

Based on the above throughput capacity is:

$$\frac{\text{number of production lines} \times \text{missiles per production line}}{\text{Production hrs / missile production time}}$$

$$\text{or } \frac{13 \times 12 \times 2010}{13.58} = 23,089$$

Test cell capacity is therefore the constraining factor and was used for determining the capacity shown in table 4.2.b.

**4.4** Table 4.7, on the following page, may be used as a worksheet for the following questions. Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform maintenance and testing workload? What other investments in the industrial infrastructure would you make to increase maintenance and testing capabilities? Describe quantitatively how the changes above would increase your activity's capabilities. What would the associated costs be? What would be the payback period and return on investment?

Output is currently constrained by test sets and other miscellaneous equipment associated with production. No additional changes would be required to increase capability.

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**4.5** Are there any ultimate and overriding limiting factors to expansion of this activity's maintenance and testing workload? If so, what are they?

None.

**4.6** Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance maintenance and testing at this activity (AICUZ encroachment, pollutant discharge, etc.)?

None

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#### 4. Maintenance and Testing, continued

4.7 For all Maintenance and Testing identified in section 4.1, specify which items (by family of weapon) and the quantity (by number of units per year) you can maintain (e.g. Captor 50/yr, Phoenix 100/yr, etc.). Identify factors limiting your capability, the total cost to remove the limiting factor and the new rate that could be maintained.

Table 4.7: Ordnance Maintenance and Testing Factors

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Ordnance (Type-Qty)	Current Rate	Limiting Factors	Cost to Remove (\$K)	New Rate
SIDEWINDER	540	Test Sets/Handling Equipment	576 20	3,540
AMRAAM	0	Test Sets Equipment	80 30	221
HARM	697	Test Sets Equipment	277 1,511	3761
PHOENIX	737	Test Sets Equipment	1,250 12	5310
WALLEYE	209	Test Sets Equipment	370 25	1328
MAVERICK	479	Test Sets Equipment	270 60	1106
HELLFIRE	706	Test Sets Equipment	157 100	1327
SPARROW	615	Test Sets Equipment	157 100	5089

CR

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Ordnance (Type-Qty)	Current Rate	Limiting Factors	Cost to Remove (\$K)	New Rate
SIDEARM	216	Test Sets	331	443
		Equipment	20	

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**4. Maintenance and Testing, continued**

**4.8** If the workload reported in section 4.1 is not the complete maintenance/testing package required by the munition, briefly describe what additional work is required, where the weapon must be sent to accomplish the work, and at what frequency the work must be done. Report depot-level maintenance as a separate line from intermediate maintenance.

All workload reported in section 4.1 in association with the complete All-Up-Round

**Table 4.8: Additional Ordnance Maintenance and Testing Requirements**

Munitions Type	Additional Work Required	Location for Additional Work	Frequency of Additional Work

**4.9** For each additional maintenance or testing action listed in Table 4.8 above, identify if that workload could be performed at your activity. Briefly describe what modifications would be necessary to accomplish that workload at your activity, and the associated costs.



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**4. Maintenance and Testing, continued**

*Questions 4.10-4.15 refer to Depot Maintenance workload performance only.*

**4.10** Given the current configuration and operation of your activity, provide the depot/industrial level maintenance by commodity group (from the Commodity List in the Notes at the beginning of this Data Call) that was executed in and is programmed for the Fiscal Years (FY) requested in units throughput and in Direct Labor Man Hours (DLMHs). Summarize ordnance commodity types serviced at this activity from the totals provided in Tables 4.1.a-d.

**NAVORDCEN PACDIV Fallbrook Detachment does not currently perform any Depot/Industrial Workload.**

Table 4.10.a: **Historic and Predicted Depot/Industrial Workload**

Commodity Type	Throughput (Units)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Ordnance								
Total:								

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Table 4.10.b: **Historic and Predicted Depot/Industrial Workload**

Commodity Type	Throughput (Units)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Ordnance								
Total:								

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**4. Maintenance and Testing, continued**

**Table 4.10.c: Historic and Predicted Depot/Industrial Workload**

Commodity Type	Throughput (DLMHs)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Ordnance								
Total:								

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Table 4.10.d: **Historic and Predicted Depot/Industrial Workload**

Commodity Type	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Ordnance								
Total:								

**4. Maintenance and Testing, continued**

**4.11** For each commodity group type reported in Tables 4.10.a through 4.10.d, assume (a) the current projected total depot / industrial workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, optimum (repeat order manufacturing lead times) procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which depot / industrial maintenance operations could be expanded at this activity, based on the current and future planned workload mixes, for the requested period? Please provide your response in both the absolute maximum number of units and DLMHs that could be processed at this activity by applicable commodity group. Summarize Ordnance from Table 4.2.a-b.

**Table 4.11.a: Maximum Potential Depot/Industrial Workload**

Commodity Type	Throughput (Units)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Ordnance								
Total:								

**Table 4.11.b: Maximum Potential Depot/Industrial Workload**

Commodity Type	Throughput (DLMHs)							

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	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Ordnance								
Total:								

**4. Maintenance and Testing, continued**

**4.12** Provide details of your calculations in Tables 4.11.a-b including assumptions on additional space utilized, major equipment required, production rates, and constraints that limit increased workload by commodity group at this activity.

**4.13** Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform workload in each of the applicable commodity groups? Describe quantitatively how the changes above would increase your activity's depot/industrial level maintenance capabilities. What would the associated costs be? What would be the payback period and return on investment?

**4.14** Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of depot/industrial level workload and this activity (AICUZ encroachment, pollutant discharge, etc.)?

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**4. Maintenance and Testing, continued**

**4.15 Workload Summary.** Enter the information from the Predicted and Potential Workload sections of Tables 4.10 and 4.11 into the table below and calculate the variance between projected and potential workloads. Again, clearly identify each commodity and include all commodities serviced at this activity.

**Table 4.15.a: PREDICTED WORKLOAD VARIANCE FOR FY 1995**

FY 1995 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance						
Total	N / A	N / A	N / A			

This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

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Table 4.15.b: PREDICTED WORKLOAD VARIANCE FOR FY 1996

FY 1996 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance						
Total	N / A	N / A	N / A			

<sup>1</sup> This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".



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4. **Maintenance and Testing, continued**

Table 4.15.c: **PREDICTED WORKLOAD VARIANCE FOR FY 1997**

FY 1997 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance						
Total	N / A	N / A	N / A			

<sup>1</sup> This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

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Table 4.15.d: PREDICTED WORKLOAD VARIANCE FOR FY 1998

FY 1998 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance						
Total	N / A	N / A	N / A			

<sup>1</sup> This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

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**4. Maintenance and Testing, continued**

**Table 4.15.e: PREDICTED WORKLOAD VARIANCE FOR FY 1999**

FY 1999 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance						
Total	N / A	N / A	N / A			

<sup>1</sup> This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

**Table 4.15.f: PREDICTED WORKLOAD VARIANCE FOR FY 2000**

FY 2000 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance

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FY 2000 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance						
Total	N / A	N / A	N / A			

<sup>1</sup> This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

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4. **Maintenance and Testing, continued**

Table 4.15.g: **PREDICTED WORKLOAD VARIANCE FOR FY 2001**

FY 2001 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance						
Total	N / A	N / A	N / A			

<sup>1</sup> This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

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**Mission Area**

**5. Manufacturing Workload**

**5.1** Identify ordnance manufacturing capabilities of your activity by number of units and Direct Labor Man Hours (DLMHs) that have been executed or are programmed to be performed in the period requested, within each ammunition/ordnance type. Specify all non-ordnance and non-DON workload.

**NAVORDCEN PACDIV Fallbrook Detachment does not currently perform any Manufacturing Workload.**

Table 5.1.a: Historic and Predicted Manufacturing Workload

Ordnance Type	Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines								
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal.)								

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Ordnance Type	Units Throughput							
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify )								

5. Manufacturing Workload, continued

Table 5.1.b: Historic and Predicted Manufacturing Workload

Ordnance Type	Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines								
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								

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Ordnance Type	Units Throughput							
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify )								



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5. Manufacturing Workload, continued

Table 5.1.c: Historic and Predicted Manufacturing Workload

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines								
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal.)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

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5. Manufacturing Workload, continued

Table 5.1.d: Historic and Predicted Manufacturing Workload

Ordnance Type	DLMHs							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines								
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal.)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

## 5. Manufacturing Workload, continued

5.2 Assuming (a) the current projected total workload and mix remains as assigned; (b) that sufficient demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this activity could expand the manufacturing conducted, based on the current and future planned workload mixes? Please provide your response in the absolute number of units throughput and DLMHs that could be accomplished at this facility. Report depot-level maintenance as a separate line from intermediate and below level maintenance.

Table 5.2.a: Maximum Potential Manufacturing Workload

Ordnance Type	Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines							
Torpedoes							
Air Launched Threat							
Surface Launched Threat							
Other Threat							
Expendables							
INERT							
CADs/PADs							
Strategic Nuclear							
Tactical Nuclear							
LOE: Rockets							
LOE: Bombs							
LOE: Gun Ammo (20mm-16")							

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Ordnance Type	Units Throughput						
LOE: Pyro/Demo							
Grenades / Mortars / Projectiles							
Other (specify)							

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5. **Manufacturing Workload, continued**

Table 5.2.b: Maximum Potential Manufacturing Workload

Ordnance Type	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines							
Torpedoes							
Air Launched Threat							
Surface Launched Threat							
Other Threat							
Expendables							
INERT							
CADs/PADs							
Strategic Nuclear							
Tactical Nuclear							
LOE: Rockets							
LOE: Bombs							
LOE: Gun Ammo (20mm-16")							
LOE: Small Arms (up to 50 cal)							
LOE: Pyro/Demo							
Grenades / Mortars / Projectiles							
Other (specify)							

**5. Manufacturing Workload, continued**

**5.3** Provide details of the calculations used to complete Tables 5.2, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased manufacturing workload at this activity.

**5.4** Table 5.7, on following page, may be used as a worksheet for the following questions. Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform manufacturing workload? What other investments in the industrial infrastructure would you make to increase manufacturing capabilities? Describe quantitatively how the changes above would increase your activity's capabilities. What would the associated costs be? What would be the payback period and return on investment?

**5.5** Are there any ultimate and overriding limiting factors to expansion of this activity's manufacturing workload? If so, what are they?

**5.6** Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance manufacturing at this activity (AICUZ encroachment, pollutant discharge, etc.)?

**5. Manufacturing Workload, continued**

**5.7** For each weapons manufacturing capability included in section 5.1 above, identify by type of weapon (Captor, Harpoon, Tomahawk, etc.) the production rate per year, and what factors limit that rate, the cost to eliminate those limiting factors, and what increased workload would be realized at that cost. In the space below the Table, please briefly describe the actions, and associated costs, necessary to improve your production rates.

**Table 5.7: Manufacturing Production Factors**

Ordnance Type	Current Production Rate	Limiting Factor	Cost to Remove (\$ K)	New Production Rate

Additional Comments:

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**Mission Area**

**6. In-Service Engineering Workload**

**6.1** Identify ordnance in-service engineering capabilities of your activity Direct Labor Man Hours (DLMHs) that have been executed or are programmed to be performed in the period requested, within each ammunition/ordnance type. Specify all "other" entries (e.g. PHS&T).

**NAVORDCEN PACDIV Fallbrook Detachment does not currently perform any In-Service Engineering Workload.**

Table 6.1.a: Historic and Predicted In-Service Engineering Workload

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines								
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								



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Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

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**6. In-Service Engineering Workload, continued**

**Table 6.1.b: Historic and Predicted In-Service Engineering Workload**

Ordnance Type	DLMHs							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines								
Torpedoes								
Air Launched Threat								
Surface Launched Threat								
Other Threat								
Expendables								
INERT								
CADs/PADs								
Strategic Nuclear								
Tactical Nuclear								
LOE: Rockets								
LOE: Bombs								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal.)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								

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Ordnance Type	DLMHs							
Other (specify )								

## 6. In-Service Engineering Workload, continued

6.2 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this activity could expand the in-service engineering conducted, based on the current and future planned workload mixes? Please provide your response in the absolute number of DLMHs that could be accomplished at this facility. Report depot-level maintenance as a separate line from intermediate and below level maintenance.

Table 6.2: Maximum Potential In-Service Engineering Workload

Ordnance Type	Workload (DLMHs)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines							
Torpedoes							
Air Launched Threat							
Surface Launched Threat							
Other Threat							
Expendables							
INERT							
CADs/PADs							
Strategic Nuclear							
Tactical Nuclear							
LOE: Rockets							
LOE: Bombs							
LOE: Gun Ammo (20mm-16")							

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Ordnance Type	Workload (DLMHs)						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
LOE: Small Arms (up to 50 cal.)							
LOE: Pyro/Demo							
Grenades / Mortars / Projectiles							
Other (specify)							

**6. In-Service Engineering Workload, continued**

**6.3** Provide details of the calculations used to complete Table 6.2, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased in-service engineering workload at this activity.

**6.4** Table 6.7, on following page, may be used as a worksheet for the following questions. Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform in-service engineering workload? What other investments in the industrial infrastructure would you make to increase in-service engineering capabilities? Describe quantitatively how the changes above would increase your activity's capabilities. What would the associated costs be? What would be the payback period and return on investment?

**6.5** Are there any ultimate and overriding limiting factors to expansion of this activity's in-service engineering workload? If so, what are they?

**6.6** Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance in-service engineering at this activity (AICUZ encroachment, pollutant discharge, etc.)?

**6. In-Service Engineering Workload, continued**

**6.7** For each ordnance in-service engineering capability included in section 6.1 above, identify by type of weapon (Captor, Harpoon, Tomahawk, etc.), the rate that type receives this support per year, what factors limit that rate, the cost to eliminate those limiting factors, and what increased workload would be realized at that cost.

**Table 6.7: In-Service Engineering Factors**

Ordnance Type	Current Servicing Rate	Limiting Factor	Cost to Remove (\$ K)	New Servicing Rate

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## Mission Area

### 7. Technical Support

7.1 Identify the workload executed in or programmed to be accomplished in ordnance Technical Support for the period requested. Do *not* include In-Service Engineering in the workload reported below. Complete Tables 7.1.a-b using the product mix as executed and programmed to be executed.

Table 7.1.a: **Historic and Predicted Technical Support**

(R  
N/A S

Program Element	Throughput (DLMHs)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Air Launched Threat <sup>(1)</sup>	60,100	60,100	60,100	60,100	40,600	44,200	12,700	5,500
Surface Launched Threat <sup>(2)</sup>	N/A	N/A	N/A	N/A	19,400	15,900	91,000	91,000
Other Threat	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Expendables	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
INERT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CADs/PADs	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Strategic Nuclear	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tactical Nuclear	26,500	26,500	26,500	26,500	19,400	19,400	20,000	20,000
LOE: Rockets	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LOE: Bombs <sup>(3)</sup>	12,400	12,400	12,400	12,400	10,600	10,600	10,900	1,800



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Program Element	Throughput (DLMHs)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
LOE: Gun Ammo (20mm-16")	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LOE: Small Arms (up to 50 cal.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LOE: Pyro/Demo	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grenades / Mortars / Projectiles	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Other (specify) <sup>(4)</sup>	44,000	44,000	44,200	59,000	69,100	96,600	184,500	200,200
NOTES (1) Includes technical support for all Air Launched missile systems (2) Includes technical support for TOMAHAWK (3) Includes technical support for Mk-80 bombs (4) Includes technical support for Marine Corps ground ammunition (Class V(W))								

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7. Technical Support, continued

Table 7.1.b: Historic and Predicted Technical Support

(R  
N/A's

Program Element	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Air Launched Threat <sup>(1)</sup>	7,300	7,300	7,300	7,300	7,300	7,300	7,300	7,300
Surface Launched Threat <sup>(2)</sup>	5,500	3,700	3,700	3,700	3,700	3,700	3,700	3,700
Other Threat	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Expendables	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
INERT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CADs/PADs	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Strategic Nuclear	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tactical Nuclear	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LOE: Rockets	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LOE: Bombs <sup>(3)</sup>	3,600	3,700	3,700	3,700	3,700	3,700	3,700	3,700
LOE: Gun Ammo (20mm-16")	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LOE: Small Arms (up to 50 cal.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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Program Element	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
LOE: Pyro/Demo	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grenades / Mortars / Projectiles	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Other (specify) <sup>(4)</sup>	212,900	219,700	223,400	227,100	230,800	234,500	238,200	241,900
NOTES (1) Includes technical support for SLAM, HARPOON, HARM, AMRAAM, SPARROW (2) Includes technical support for TOMAHAWK (3) Includes technical support for Mk-80 bombs (4) Includes technical support for Marine Corps ground ammunition (Class V(W))								

## 7. Technical Support, continued

7.2 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient demand is available to justify maximum hiring, optimum procurement, and maximum equipment support; and (c) no major MILCON additional to that already programmed: what is the maximum extent to which this activity could expand the technical support conducted, based on the current and future planned workload mixes? Please provide your response in the absolute number of DLMHs that could be accomplished at this facility. Report depot-level maintenance as a separate line from intermediate and below level maintenance.

Table 7.2: Maximum Potential Technical Support

(R

NA<sub>y</sub>

Program Element	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Torpedoes	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Air Launched Threat <sup>(1)</sup>	58,400	58,400	58,400	58,400	58,400	58,400	58,400
Surface Launched Threat <sup>(2)</sup>	31,000	31,000	31,000	31,000	31,000	31,000	31,000
Other Threat	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Expendables	N/A	N/A	N/A	N/A	N/A	N/A	N/A
INERT	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CADs/PADs	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Strategic Nuclear	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tactical Nuclear	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LOE: Rockets	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LOE: Bombs <sup>(3)</sup>	3,700	3,700	3,700	3,700	3,700	3,700	3,700

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Program Element	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
LOE: Gun Ammo (20mm-16")	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LOE: Small Arms (up to 50 cal.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LOE: Pyro/Demo	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grenades / Mortars / Projectiles	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Other (specify) <sup>(4)</sup>	219,700	223,400	227,100	230,800	234,500	238,200	241,900
NOTES (1) Includes technical support for SLAM, HARPOON, HARM, AMRAAM, SPARROW (2) Includes technical support for TOMAHAWK (3) Includes technical support for Mk-80 bombs (4) Includes technical support for Marine Corps ground ammunition (Class V(W))							

## 7. Technical Support, continued

7.3 Provide details of the calculations used to complete Table 7.2, including assumptions on additional space utilized, major equipment required, production rates, and constraint that limit increased technical support workload at this activity.

- DLMH calculations based upon availability of unlimited space for expansion
- Major equipment required is testing and analytical equipment (ie, range instrumentation equipment computers and software)
- Production rates reflect reasonable workload expansion levels
- Increased technical support unconstrained by DoD hiring freeze and directed increases in Direct Labor rates

7.4 Given an environment unconstrained by funds or manning, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase your activity's capability to perform technical support workload? What other investments in the industrial infrastructure would you make to increase technical support capabilities? Describe quantitatively how the changes above would increase your activity's capabilities. What would the associated costs be? What would be the payback period and return on investment?

Equipment/Investment	Support Capability Costs	Payback Period	ROI
• Computer equipment	expanded capability \$400K	5 yr	4 to 1 ROI
• Test equipment	expanded capability \$500K/yr	3-5 yr	6.8 to 1 ROI
• Capital missile test equipment	expanded capability \$500K total	3-5 YR	3 TO 1 ROI

7.5 Are there any ultimate and overriding limiting factors to expansion of this activity's technical support workload? If so, what are they?

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- DoD hiring limitations/freeze
- Increase in NOC direct labor rate adversely impacts customers/sponsors

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**7.6** Are there any environmental, legal, or otherwise limiting factors that inhibit further the development of ordnance technical support at this activity (AICUZ encroachment, pollutant discharge, etc.)?

Environmental concerns related to air quality control could inhibit outdoor ordnance explosive testing. Otherwise there are no legal or other limiting factors existing that would preclude the further development or expansion of ordnance technical support at Fallbrook.



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## Features and Capabilities

### 8. Stowage Facilities

**8.1** List by facility number each weapon storage facility under the cognizance of this activity. Use separate tables for each location and magazine type, e.g. main base will have a table for igloo facilities and another for box magazines.

- Identify the current rated condition of each facility (Adequate/Inadequate/Substandard), its total square footage and if it is equipped with environmental controls.

- Is this facility currently used for weapons storage? If yes, what type of ordnance, from the commodity types previously listed, is currently stowed here?

- If ordnance is currently stowed in the facility, identify the reason(s) for which this ordnance is stowed at your facility from the following list: own activity use (training); own activity use (operational stock); Receipt/Segregation/Stowage/Issue (RSSI); transshipment/awaiting issue; deep stow (war reserve); awaiting Demil; other. Explain each "other" entry in the space provided, including ordnance stowed which is not a DON asset.

Table 8.1: Stowage Facility Conditions

Site/Magazine Type: MAIN/ARCH, TRIPLE ARCH/IGLOO

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A / I / S	KSF				
501	A	0.500	N	Y	Explosive Components <sup>(1)</sup>	RSSI
502	A	0.500	N	Y	Grenades/Mortars Projectiles <sup>(1)</sup>	RSSI
503	A	0.500	N	Y	Explosive Components <sup>(1)</sup>	RSSI
504	A	0.500	N	Y	Explosive	RSSI

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Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
					Components <sup>(1)</sup>	
505	A	0.500	N	Y	Explosive Components <sup>(1)</sup>	RSSI
506	A	0.500	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
507	A	0.500	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
508	A	0.500	N	Y	Explosive Components	RSSI
509	A	0.500	N	Y	Explosive Components <sup>(1)</sup>	RSSI
510	A	0.500	N	Y	Small Arms	RSSI
511	A	0.500	N	Y	Explosive Components <sup>(1)</sup>	RSSI
512	A	0.500	N	Y	Explosive Components <sup>(1)</sup>	RSSI
513	A	0.500	N	Y	Small Arms <sup>(1)</sup>	RSSI
514	A	0.500	N	Y	Gun Ammo <sup>(1)</sup>	RSSI
515	A	0.500	N	Y	Explosive Components <sup>(1)</sup>	RSSI
516	A	0.500	N	Y	Pyro/Demo <sup>(1)</sup>	RSSI
517	A	0.500	N	Y	Air Launched Threat <sup>(1)</sup>	RSSI
518	A	0.500	N	Y	Explosive Components <sup>(1)</sup>	RSSI

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Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
519	A	0.500	N	Y	Explosive Components	RSSI
541	A	0.204	N	Y	Explosive Components <sup>(1)</sup>	RSSI
542	A	0.204	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
543	A	0.204	N	Y	Small Arms <sup>(1)</sup>	RSSI
544	A	0.204	N	Y	Gun Ammo <sup>(1)</sup>	RSSI
545	A	0.204	N	Y	Pyro/Demo	RSSI
561	A	1.250	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
562	A	1.250	N	Y	Pyro/Demo <sup>(1)</sup>	RSSI
563	A	0.500	N	Y	Grenades/Mortars/Projectiles	RSSI
564	A	1.250	N	Y	Pyro/Demo <sup>(1)</sup>	RSSI
565	A	1.250	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
566	A	1.250	N	Y	Pyro/Demo	RSSI
626(A)	A	2.000	N	Y	Pyro/Demo <sup>(1)</sup>	RSSI
626(B)	A	2.000	N	Y	Pyro/Demo <sup>(1)</sup>	RSSI
626(C)	A	2.000	N	Y	Pyro/Demo <sup>(1)</sup>	RSSI
627(A)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
627(B)	A	2.000	N	Y	Grenades/Mortars/	RSSI

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Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
					Projectiles <sup>(1)</sup>	
627(C)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
628(A)	A	2.000	N	Y	Small Arms <sup>(1)</sup>	RSSI
628(B)	A	2.000	N	Y	Small Arms <sup>(1)</sup>	RSSI
628(C)	A	2.000	N	Y	Small Arms <sup>(1)</sup>	RSSI
629 (A)	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
629(B)	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
629(C)	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
630(A)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
630(B)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
630(C)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
631(A)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
631(B)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
631(C)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
632(A)	A	2.000	N	Y	Grenades/Mortars/	RSSI

Activity: 00396

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
					Projectiles <sup>(1)</sup>	
632(B)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
632(C)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
633(A)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
633(B)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
633(C)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
634(A)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
634(B)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
634(C)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
635(A)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
635(B)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
635(C)	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
671	A	2.000	N	Y	Pyro/Demo <sup>(1)</sup>	RSSI
672	A	2.000	N	Y	Gun Ammo <sup>(1)</sup>	RSSI

Activity: 00396

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
673	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
674	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
675	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
676	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
677	A	2.000	N	Y	Gun Ammo <sup>(1)</sup>	RSSI
678	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
679	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
680	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
701	A	2.000	N	Y	Small Arms <sup>(1)</sup>	RSSI
702	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
703	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
704	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
705	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
706	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI

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Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
707	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
708	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
709	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
710	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
731	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
732	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
733	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
734	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
735	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
736	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
737	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
738	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
739	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI

## Activity: 00396

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
740	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
741	A	2.000	N	Y	Bombs	RSSI
761	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
762	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
763	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
764	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
765	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
766	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
767	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
768	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
769	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
770	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
781	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
782	A	2.000	N	Y	Explosive	RSSI



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Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
					Components <sup>(1)</sup>	
783	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
784	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
801	A	2.000	N	Y	Gun Ammo <sup>(1)</sup>	RSSI
802	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
803	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
804	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
805	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
806	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
807	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
808	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
809	A	2.000	N	Y	Gun Ammo	RSSI
810	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
831	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI

## Activity: 00396

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
832	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
833	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
834	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
835	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
836	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
837	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
838	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
839	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
840	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
851	A	1.416	N	Y	Pyro/Demo <sup>(1)</sup>	RSSI
852	A	2.000	N	Y	Bombs <sup>(1)</sup>	RSSI
861	A	2.000	N	Y	Inert <sup>(1)</sup>	RSSI
862	A	2.000	N	Y	Gun Ammo <sup>(1)</sup>	RSSI
863	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
864	A	2.000	N	Y	Small Arms <sup>(1)</sup>	RSSI

Activity: 00396

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
865	A	2.000	N	Y	Small Arms <sup>(1)</sup>	RSSI
866	A	2.000	N	Y	Explosive Components	RSSI
867	A	2.000	N	Y	Grenades/Mortars/Projectiles	RSSI
868	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
869	A	2.000	N	Y	Bombs <sup>(1)</sup>	RSSI
870	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
871	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
872	A	2.000	N	Y	Air Launched Threat <sup>(1)</sup>	RSSI
873	A	2.000	N	Y	Bombs <sup>(1)</sup>	RSSI
874	A	2.000	N	Y	Air Launched Threat	RSSI
875	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
876	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
877	A	2.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
878	A	2.000	N	Y	Air Launched Threat	RSSI
879	A	2.000	N	Y	Explosive Components	RSSI

Activity: 00396

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
880	A	2.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
881	A	2.000	N	Y	Inert <sup>(1)</sup>	RSSI
NOTE: (1) More than one ordnance commodity type stored in the magazine, only the predominate commodity type stored in the magazine is listed.						

Activity: 00396

Site/Magazine Type: MAIN/BOX

Facility Number	Condition		Environment Controls (Y/N)	Currently In Use? (Y/N)	Type of Ordnance Stowed	Reason for Stowage
	A / I / S	KSF				
601	A	5.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
602	A	5.000	N	Y	Small Arms <sup>(1)</sup>	RSSI
603	A	5.000	N	Y	Small Arms <sup>(1)</sup>	RSSI
604	A	5.000	N	Y	Small Arms <sup>(1)</sup>	RSSI
605	A	5.000	N	Y	Small Arms <sup>(1)</sup>	RSSI
606	A	5.000	N	Y	Grenades/Mortars/Projectiles <sup>(1)</sup>	RSSI
607	A	5.000	N	Y	Grenades/Mortars/Projectiles	RSSI
608	A	5.000	N	Y	Other Threat <sup>(1)</sup>	RSSI
609	A	5.000	N	Y	Grenades/Mortars/Projectiles	RSSI
610	A	5.000	N	Y	Explosive Components <sup>(1)</sup>	RSSI
611	A	5.000	N	Y	Grenades/Mortars/Projectiles	RSSI
612	A	5.000	N	Y	Grenades/Mortars/Projectiles	RSSI
613	A	5.000	N	Y	Grenades/Mortars/	RSSI

100

**DATA CALL 66  
INSTALLATION RESOURCES**

ACTIVITY: N00396

**Activity Information:**

Activity Name:	NAVORDCEN PACDIV FALLBROOK DET
UIC:	N00396
Host Activity Name (if response is for a tenant activity):	N/A
Host Activity UIC:	N/A

**General Instructions/Background.** A separate response to this data call must be completed for each Department of the Navy (DON) host, independent and tenant activity which separately budgets BOS costs (regardless of appropriation), and, is located in the United States, its territories or possessions.

**1. Base Operating Support (BOS) Cost Data.** Data is required which captures the total annual cost of operating and maintaining Department of the Navy (DON) shore installations. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Two tables are provided. Table 1A identifies "Other than DBOF Overhead" BOS costs and Table 1B identifies "DBOF Overhead" BOS costs. These tables must be completed, as appropriate, for all DON host, independent or tenant activities which separately budget BOS costs (regardless of appropriation), and, are located in the United States, its territories or possessions. Responses for DBOF activities may need to include both Table 1A and 1B to ensure that all BOS costs, including those incurred by the activity in support of tenants, are identified. If both table 1A and 1B are submitted for a single DON activity, please ensure that no data is double counted (that is, included on both Table 1A and 1B). The following tables are designed to collect all BOS costs currently budgeted, regardless of appropriation, e.g., Operations and Maintenance, Research and Development, Military Personnel, etc. Data must reflect FY 1996 and should be reported in thousands of dollars.

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**a. Table 1A - Base Operating Support Costs (Other Than DBOF Overhead).** This Table should be completed to identify "Other Than DBOF Overhead" Costs. Display, in the format shown on the table, the O&M, R&D and MPN resources currently budgeted for BOS services. O&M cost data must be consistent with data provided on the BS-1 exhibit. Report only direct funding for the activity. Host activities should not include reimbursable support provided to tenants, since tenants will be separately reporting these costs. Military personnel costs should be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Add additional lines to the table (following line 2j., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: NAVORDCEN PACDIV Fallbrook Det		UIC: N00396	
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	88	103	191
1b. Minor Construction	0	0	0
1c. Sub-total 1a. and 1b.	88	103	191
2. Other Base Operating Support Costs:			
2a. Utilities	23	0	23
2b. Transportation	0	0	0
2c. Environmental	0	0	0
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	39	73	112
2f. Bachelor Quarters	62	79	141

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2g. Child Care Centers	0	0	0
2h. Family Service Centers	0	0	0
2i. Administration	0	551	551
2j. Other (Security)	553	4,408	4,961
2k. Other (Service Wide Supply)	0	0	0
2l. Other (Engineering Support)	14	6	20
2m. Other (Disaster Prep)	0	0	0
2n. Other (Food Service - Galley)	149	0	149
<b>2o. Sub-total 2a. through 2n:</b>	<b>840</b>	<b>5,117</b>	<b>5,957</b>
<b>3. Grand Total (sum of 1c. and 2o.):</b>	<b>928</b>	<b>5,220</b>	<b>6,148</b>

**b. Funding Source.** If data shown on Table 1A reflects more than one appropriation, then please provide a break out of the total shown for the "3. Grand-Total" line, by appropriation:

<u>Appropriation</u>	<u>Amount (\$000)</u>
O&M,N	\$6,148

**c. Table 1B - Base Operating Support Costs (DBOF Overhead).** This Table should be submitted for all current DBOF activities. Costs reported should reflect BOS costs supporting the DBOF activity itself (usually included in the G&A cost of the activity). For DBOF activities which are tenants on another installation, total cost of BOS incurred by the tenant activity for itself should be shown on this table. It is recognized that differences exist among DBOF activity groups regarding the costing of base operating support: some groups reflect all such costs only in general and administrative (G&A), while others spread them between G&A and production overhead. Regardless of the costing process, all such costs should be included on Table 1B. The Minor Construction portion of the FY 1996 capital budget should be included on the appropriate



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line. Military personnel costs (at civilian equivalency rates) should also be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Also ensure that there is no duplication between data provided on Table 1A. and 1B. These two tables must be mutually exclusive, since in those cases where both tables are submitted for an activity, the two tables will be added together to estimate total BOS costs at the activity. Add additional lines to the table (following line 21., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

Other Notes: All costs of operating the five Major Range Test Facility Bases at DBOF activities (even if direct RDT&E funded) should be included on Table 1B. Weapon Stations should include underutilized plant capacity costs as a DBOF overhead "BOS expense" on Table 1B..

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: NAVORDCEN PACDIV Fallbrook Det		UIC: N00396	
Category	FY 1996 Net Cost From UC/FUND-4 (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>\$15K)	498	166	664
1b. Real Property Maintenance (<\$15K)	388	130	518
1c. Minor Construction (Expensed)	10	0	10
1d. Minor Construction (Capital Budget)	275	0	275
1c. Sub-total 1a. through 1d.	1,171	296	1,467
2. Other Base Operating Support Costs:			
2a. Command Office	24	87	111
2b. ADP Support	34	0	34
2c. Equipment Maintenance	15	96	111

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2d. Civilian Personnel Services	0	0	0
2e. Accounting/Finance	0	0	0
2f. Utilities	219	1	220
2g. Environmental Compliance	158	0	158
2h. Police and Fire	61	159	220
2i. Safety	13	115	128
2j. Supply and Storage Operations	0	0	0
2k. Major Range Test Facility Base Costs	0	0	0
2l. Other (Public Works Support)	0	285	285
2m. Other (Base Communications)	0	0	0
2n. Other (Feca)	120	0	120
2o. Other (Military Labor)	0	68	68
2p. Other (Engineering Support - less Envir.)	18	43	61
2q. Resources and Planning	0	0	0
<b>2r. Sub-total 2a. through 2q:</b>	<b>662</b>	<b>854</b>	<b>1,516</b>
<b>3. Depreciation</b>	<b>16</b>	<b>0</b>	<b>16</b>
<b>4. Grand Total (sum of 1c., 2r., and 3.) :</b>	<b>1,849</b>	<b>1,150</b>	<b>2,999</b>

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**2. Services/Supplies Cost Data.** The purpose of Table 2 is to provide information about projected **FY 1996** costs for the purchase of services and supplies by the activity. **(Note: Unlike Question 1 and Tables 1A and 1B, above, this question is not limited to overhead costs.)** The source for this information, where possible, should be either the NAVCOMPT OP-32 Budget Exhibit for O&M activities or the NAVCOMPT UC/FUND-1/IF-4 exhibit for DBOF activities. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Break out cost data by the major sub-headings identified on the OP-32 or UC/FUND-1/IF-4 exhibit, disregarding the sub-headings on the exhibit which apply to civilian and military salary costs and depreciation. Please note that while the OP-32 exhibit aggregates information by budget activity, this data call requests OP-32 data for the activity responding to the data call. Refer to NAVCOMPTINST 7102.2B of 23 April 1990, Subj: Guidance for the Preparation, Submission and Review of the Department of the Navy (DON) Budget Estimates (DON Budget Guidance Manual) with Changes 1 and 2 for more information on categories of costs identified. Any rows that do not apply to your activity may be left blank. However, totals reported should reflect all costs, exclusive of salary and depreciation.

<b>Table 2 - Services/Supplies Cost Data</b>	
<b>Activity Name:</b> NAVORDCEN PACDIV Fallbrook Det	<b>UIC:</b> N00396
<b>Cost Category</b>	<b>FY 1996 Projected Costs (\$000)</b>
<b>Travel:</b>	643
<b>Material and Supplies (including equipment):</b>	1,730
<b>Industrial Fund Purchases (other DBOF purchases):</b>	1,602
<b>Transportation:</b>	0
<b>Other Purchases (Contract support, etc.):</b>	6,741
<b>Total:</b>	10,716

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**3. Contractor Workyears.**

**a. On-Base Contract Workyear Table.** Provide a projected estimate of the number of contract workyears expected to be **performed "on base"** in support of the installation during FY 1996. Information should represent an annual estimate on a full-time equivalency basis. Several categories of contract support have been identified in the table below. While some of the categories are self-explanatory, please note that the category "mission support" entails management support, labor service and other mission support contracting efforts, e.g., aircraft maintenance, RDT&E support, technical services in support of aircraft and ships, etc.

<b>Table 3 - Contract Workyears</b>	
<b>Activity Name:</b> NAVORDCEN PACDIV Fallbook Det	<b>UIC:</b> N00396
<b>Contract Type</b>	<b>FY 1996 Estimated Number of Workyears On-Base</b>
Construction:	17.0
Facilities Support:	9.6
Mission Support:	24.1
Procurement:	1.0
Other:*	0
<b>Total Workyears:</b>	<b>51.7</b>

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**b. Potential Disposition of On-Base Contract Workyears.** If the mission/functions of your activity were relocated to another site, what would be the anticipated disposition of the **on-base contract workyears** identified in Table 3.?

1) Estimated number of contract workyears which would be transferred to the receiving site (This number should reflect the number of jobs which would in the future be contracted for at the receiving site, not an estimate of the number of people who would move or an indication that work would necessarily be done by the same contractor(s)):

**33.3 Workyears**

2) Estimated number of workyears which would be eliminated:

**18.4 Workyears**

3) Estimated number of contract workyears which would remain in place (i.e., contract would remain in place in current location even if activity were relocated outside of the local area):

**0.0 Workyears**

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c. **"Off-Base" Contract Workyear Data.** Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information (**ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above**):

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
0	

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
1	General Administration for Contractors shown under <i>Mission Support</i> in <b>Table 3a</b> but not located on site.

## BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

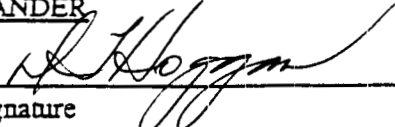
Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

### ACTIVITY COMMANDER

DONALD T. HOGGAN

NAME (Please type or print)

  
Signature

ACTING OFFICER IN CHARGE

Title

7-21-94  
Date

NAVORDCEN PACDIV FALLBROOK DETACHMENT

Activity

DATA CALL 66

## BRAC DATA CALL #66

## NAVAL ORDNANCE CENTER, PACIFIC DIVISION, FALLBROOK DETACHMENT

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)A. L. CHRISTOPHER


NAME (Please type or print)

Acting Commander

Title

Naval Ordnance Center, Pacific Division

Activity

  
Signature27 Jul 94

Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)J. W. EYER

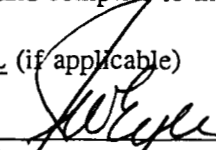
NAME (Please type or print)

ACTING COMMANDER

Title

NAVAL ORDNANCE CENTER

Activity


  
Signature7/29/94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL  
NAME (Please type or print)

Title

Activity

  
Signature8-15-94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)J. B. GREENE, JR.

NAME (Please type or print)

ACTING

Title

  
Signature22 AUG 1994  
Date



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## DATA CALL 65 ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

**Activity Identification:** Please complete the following table, identifying the activity for which this response is being submitted.

<b>Activity Name:</b>	NAVAL ORDNANCE CENTER PACIFIC DIVISION FALLBROOK DETACHMENT
<b>UIC:</b>	00396
<b>Major Claimant:</b>	NAVAL SEA SYSTEMS COMMAND

### **General Instructions/Background:**

Information requested in this data call is required for use by the Base Structure Evaluation Committee (BSEC), in concert with information from other data calls, to analyze both the impact that potential closure or realignment actions would have on a local community and the impact that relocation's of personnel would have on communities surrounding receiving activities. In addition to Cost of Base Realignment Actions (COBRA) analyses which incorporate standard Department of the Navy (DON) average cost factors, the BSEC will also be conducting more sophisticated economic and community infrastructure analyses requiring more precise, activity-specific data. For example, activity-specific salary rates are required to reflect differences in salary costs for activities with large concentrations of scientists and engineers and to address geographic differences in wage grade salary rates. Questions relating to "Community Infrastructure" are required to assist the BSEC in evaluating the ability of a community to absorb additional employees and functions as the result of relocation from a closing or realigning DON activity.

Due to the varied nature of potential sources which could be used to respond to the questions contained in this data call, a block appears after each question, requesting the identification of the source of data used to respond to the question. To complete this block, identify the source of the data provided, including the appropriate references for source documents, names and organizational titles of individuals providing information, etc. Completion of this "Source of Data" block is critical since some of the information requested may be available from a non-DoD source such as a published document from the local chamber of commerce, school board, etc. Certification of data obtained from a non-DoD source is then limited to certifying that the information contained in the data call response is an accurate and complete representation of the information obtained from the source. Records must be retained by the certifying official to clearly document the source of any non-DoD information submitted for this data call.

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**General Instructions/Background (Continued):**

The following notes are provided to further define terms and methodologies used in this data call. Please ensure that responses consistently follow this guidance:

**Note 1:** Throughout this data call, the term "activity" is used to refer to the DON installation that is the addressee for the data call.

**Note 2:** Periodically throughout this data call, questions will include the statement that the response should refer to the "area defined in response to question 1.b., (page 3)". Recognizing that in some large metropolitan areas employee residences may be scattered among many counties or states, the scope of the "area defined" may be limited to the sum of:

- those counties that contain government (DoD) housing units (as identified in 1.b.2)), and,
- those counties closest to the activity which, in the aggregate, include the residences of 80% or more of the activity's employees.

**Note 3:** Responses to questions referring to "civilians" in this data call should reflect federal civil service appropriated fund employees.

**1. Workforce Data**

a. **Average Federal Civilian Salary Rate.** Provide the projected FY 1996 average gross annual appropriated fund civil service salary rate for the activity identified as the addressee in this data call. This rate should include all cash payments to employees, and exclude non-cash personnel benefits such as employer retirement contributions, payments to former employees, etc.

Average Appropriated Fund Civilian Salary Rate:	\$37,819
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Source of Data (1.a. Salary Rate): Defense Civilian Personnel Data System Data Base, as of July 7, 1994
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**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**b. Location of Residence.** Complete the following table to identify where employees live. Data should reflect current workforce.

**1) Residency Table.** Identify residency data, by county, for both military and civilian (civil service) employees working at the installation (including, for example, operational units that are homeported or stationed at the installation). For each county listed, also provide the estimated average distance from the activity, in miles, of employee residences and the estimated average length of time to commute one-way to work. For the purposes of displaying data in the table, any county(s) in which 1% or fewer of the activity's employees reside may be consolidated as a single line entry in the table, titled "Other".

County of Residence	State	No. of Employees Residing in County		Percentage of Total Employees	Average Distance From Base (Miles)	Average Duration of Commute (Minutes)
		Military	Civilian			
San Diego	CA	57	207	80%	20	20
Riverside	CA	8	47	17%	30	30
Orange	CA	1	2	1%	45	45
Mineral	NV	0	7	2%	5	5
Other	IL	0	1	< 1%	15	15

Note: The 7 employees residing in Mineral County work on-site at the Hawthorne Army Ammunition Plant in Hawthorne, NV. The 1 employee listed under "Other" works on-site at the US Army Armament, Munitions, and Chemical Command, Rock Island, IL.

== 100%

As discussed in Note 2 on Page 2, subsequent questions in the data call refer to the "area defined in response to question 1.b., (page 3)". In responding to these questions, the scope of the "area defined" may be limited to the sum of: a) those counties that contain government (DoD) housing units (as identified below), and, b) those counties closest to the activity which, in the aggregate, include the residences of 80% or more of the activity's employees.

**2) Location of Government (DoD) Housing.** If some employees of the base live in government housing, identify the county(s) where government housing is located:

San Diego County -- Camp Pendleton Marine Corps Base

**Source of Data (1.b. 1) & 2) Residence Data): Defense Civilian Personnel Data System Data Base, as of July 7, 1994**

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**c. Nearest Metropolitan Area(s).** Identify all major metropolitan area(s) (i.e., population concentrations of 100,000 or more people) which are within 50 miles of the installation. If no major metropolitan area is within 50 miles of the base, then identify the nearest major metropolitan area(s) (100,000 or more people) and its distance(s) from the base.

City	County	Distance from base (miles)
Oceanside	San Diego	20
Carlsbad	San Diego	30
Escondido	San Diego	25
San Diego	San Diego	40

**Source of Data (1.c. Metro Areas): 1994 San Diego County Thomas Guide**

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**d. Age of Civilian Workforce.** Complete the following table, identifying the age of the activity's civil service workforce.

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	0	0
20 - 24 Years	0	0
25 - 34 Years	50	18.9
35 - 44 Years	86	32.6
45 - 54 Years	89	33.7
55 - 64 Years	39	14.8
65 or Older	0	0
<b>TOTAL</b>	264	100%

<b>Source of Data (1.d.) Age Data): Defense Civilian Personnel Data System Data Base, as of July 7, 1994</b>
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**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**e. Education Level of Civilian Workforce**

**1) Education Level Table.** Complete the following table, identifying the education level of the activity's **civil service** workforce.

<b>Last School Year Completed</b>	<b>Number of Employees</b>	<b>Percentage of Employees</b>
<b>8th Grade or less</b>	0	0
<b>9th through 11th Grade</b>	4	1.5
<b>12th Grade or High School Equivalency</b>	86	32.6
<b>1-3 Years of College</b>	84	31.8
<b>4 Years of College (Bachelors Degree)</b>	61	23.1
<b>5 or More Years of College (Graduate Work)</b>	29	11.0
<b>TOTAL</b>	264	100%

**2) Degrees Achieved.** Complete the following table for the activity's **civil service** workforce. Identify the number of employees with each of the following degrees, etc. To avoid double counting, only identify the highest degree obtained by a worker (e.g., if an employee has both a Master's Degree and a Doctorate, only include the employee under the category "Doctorate").

<b>Degree</b>	<b>Number of Civilian Employees</b>
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	11
Associate Degree	33
Bachelor Degree	64
Masters Degree	22
Doctorate	1

**Source of Data (1.d.) Age Data): Defense Civilian Personnel Data System Data Base, as of July 1994**

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**f. Civilian Employment By Industry.** Complete the following table to identify by "industry" the type of work performed by **civil service** employees at the activity. The intent of this table is to attempt to stratify the activity civilian workforce using the same categories of industries used to identify private sector employment. Employees should be categorized based on their primary duties. Additional information on categorization of private sector employment by industry can be found in the Office of Management and Budget Standard Industrial Classification (SIC) Manual. However, you do not need to obtain a copy of this publication to provide the data requested in this table.

Note the following specific guidance regarding the "Industry Type" codes in the first column of the table: Even though categories listed may not perfectly match the type of work performed by civilian employees, please attempt to assign each civilian employee to one of the "Industry Types" identified in the table. However, only use the Category 6, "Public Administration" sub-categories when none of the other categories apply. Retain supporting data used to construct this table at the activity-level, in case questions arise or additional information is required at some future time. Leave shaded areas blank.

Industry	SIC Codes	No. of Civilians	% of Civilians
<b>1. Agriculture, Forestry &amp; Fishing</b>	01-09		
<b>2. Construction</b> (includes facility maintenance and repair)	15-17	9	3%
<b>3. Manufacturing</b> (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	40	15%
3b. Aircraft (includes engines and missiles)	3721 et al		
3c. Ships	3731		
3d. Other Transportation (includes ground vehicles)	various		
3e. Other Manufacturing not included in 3a. through 3d.	various		
<b>Sub-Total 3a. through 3e.</b>	20-39	40	15%

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**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

Industry	SIC Codes	No. of Civilians	% of Civilians
<b>4. Transportation/Communications/Utilities</b>	<b>40-49</b>		
4a. Railroad Transportation	40		
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	40	15%
4c. Water Transportation (includes organizational level maintenance)	44		
4d. Air Transportation (includes organizational level maintenance)	45		
4e. Other Transportation Services (includes organizational level maintenance)	47	7	3%
4f. Communications	48		
4g. Utilities	49		
<b>Sub-Total 4a. through 4g.</b>	<b>40-49</b>	<b>47</b>	<b>18%</b>
<b>5. Services</b>	<b>70-89</b>		
5a. Lodging Services	70		
5b. Personal Services (includes laundry and funeral services)	72		
5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services)	73	54	21%
5d. Automotive Repair and Services	75		
5e. Other Misc. Repair Services	76		
5f. Motion Pictures	78		
5g. Amusement and Recreation Services	79		
5h. Health Services	80		
5i. Legal Services	81		



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**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

Industry	SIC Codes	No. of Civilians	% of Civilians
5j. Educational Services	82		
5k. Social Services	83		
5l. Museums	84		
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	106	40%
5n. Other Misc. Services	89	3	1%
<b>Sub-Total 5a. through 5n.:</b>	<b>70-89</b>	<b>163</b>	<b>62%</b>
<b>6. Public Administration</b>	<b>91-97</b>		
6a. Executive and General Government, Except Finance	91		
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	5	2%
6c. Public Finance	93		
6d. Environmental Quality and Housing Programs	95		
<b>Sub-Total 6a. through 6d.</b>		<b>5</b>	<b>2%</b>
<b>TOTAL</b>		<b>264</b>	<b>100 %</b>

**Source of Data (1.f.) Classification By Industry Data): Defense Civilian Personnel Data  
System Data Base, as of July 7, 1994**

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**g. Civilian Employment by Occupation.** Complete the following table to identify the types of "occupations" performed by civil service employees at the activity. Employees should be categorized based on their primary duties. Additional information on categorization of employment by occupation can be found in the Department of Labor Occupational Outlook Handbook. However, you do not need to obtain a copy of this publication to provide the data requested in this table.

Note the following specific guidance regarding the "Occupation Type" codes in the first column of the table: Even though categories listed may not perfectly match the type of work performed by civilian employees, please attempt to assign each civilian employee to one of the "Occupation Types" identified in the table. Refer to the descriptions immediately following this table for more information on the various occupational categories. Retain supporting data used to construct this table at the activity-level, in case questions arise or additional information is required at some future time. Leave shaded areas blank.

Occupation	Number of Civilian Employees	Percent of Civilian Employees
<b>1. Executive, Administrative and Management</b>	33	13%
<b>2. Professional Specialty</b>		
2a. Engineers	53	20%
2b. Architects and Surveyors		
2c. Computer, Mathematical & Operations Research	17	6%
2d. Life Scientists		
2e. Physical Scientists		
2f. Lawyers and Judges		
2g. Social Scientists & Urban Planners		
2h. Social & Recreation Workers		
2i. Religious Workers		
2j. Teachers, Librarians & Counselors		
2k. Health Diagnosing Practitioners (Doctors)		
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)		

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**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

<b>Occupation</b>	<b>Number of Civilian Employees</b>	<b>Percent of Civilian Employees</b>
2m. Communications		
2n. Visual Arts		
<b>Sub-Total 2a. through 2n.:</b>	70	26%
<b>3. Technicians and Related Support</b>		
3a. Health Technologists and Technicians		
3b. Other Technologists	37	14%
<b>Sub-Total 3a. and 3b.:</b>	37	14%
<b>4. Administrative Support &amp; Clerical</b>	21	8%
<b>5. Services</b>		
5a. Protective Services (includes guards, firefighters, police)	5	2%
5b. Food Preparation & Service		
5c. Dental/Medical Assistants/Aides		
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)		
<b>Sub-Total 5a. through 5d.</b>	5	2%
<b>6. Agricultural, Forestry &amp; Fishing</b>		
<b>7. Mechanics, Installers and Repairers</b>	5	2%
<b>8. Construction Trades</b>	11	4%
<b>9. Production Occupations</b>	40	15%
<b>10. Transportation &amp; Material Moving</b>	40	15%
<b>11. Handlers, Equipment Cleaners, Helpers and Laborers</b> (not included elsewhere)	2	1%
<b>TOTAL</b>	264	100 %

## DATA CALL 65

### ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

**Source of Data (1.g.) Classification By Occupation Data): Defense Civilian Personnel Data System Data Base, as of July 7, 1994**

**Description of Occupational Categories used in Table 1.g.** The following list identifies public and private sector occupations included in each of the major occupational categories used in the table. Refer to these examples as a guide in determining where to allocate appropriated fund civil service jobs at the activity.

1. **Executive, Administrative and Management.** Accountants and auditors; administrative services managers; budget analysts; construction and building inspectors; construction contractors and managers; cost estimators; education administrators; employment interviewers; engineering, science and data processing managers; financial managers; general managers and top executives; chief executives and legislators; health services managers; hotel managers and assistants; industrial production managers; inspectors and compliance officers, except construction; management analysts and consultants; marketing, advertising and public relations managers; personnel, training and labor relations specialists and managers; property and real estate managers; purchasing agents and managers; restaurant and food service managers; underwriters; wholesale and retail buyers and merchandise managers.
2. **Professional Specialty.** Use sub-headings provided.
3. **Technicians and Related Support.** Health Technologists and Technicians sub-category - self-explanatory. Other Technologists sub-category includes aircraft pilots; air traffic controllers; broadcast technicians; computer programmers; drafters; engineering technicians; library technicians; paralegals; science technicians; numerical control tool programmers.
4. **Administrative Support & Clerical.** Adjusters, investigators and collectors; bank tellers; clerical supervisors and managers; computer and peripheral equipment operators; credit clerks and authorizers; general office clerks; information clerks; mail clerks and messengers; material recording, scheduling, dispatching and distributing; postal clerks and mail carriers; records clerks; secretaries; stenographers and court reporters; teacher aides; telephone, telegraph and teletype operators; typists, word processors and data entry keyers.
5. **Services.** Use sub-headings provided.
6. **Agricultural, Forestry & Fishing.** Self explanatory.
7. **Mechanics, Installers and Repairers.** Aircraft mechanics and engine specialists; automotive body repairers; automotive mechanics; diesel mechanics; electronic equipment repairers; elevator installers and repairers; farm equipment mechanics; general maintenance mechanics; heating, air conditioning and refrigeration technicians; home appliance and power tool repairers, industrial machinery repairers; line installers and cable splicers; millwrights; mobile heavy equipment mechanics; motorcycle, boat and small engine mechanics; musical instrument repairers and tuners; vending machine servicers and repairers.
8. **Construction Trades.** Bricklayers and stonemasons; carpenters; carpet installers; concrete masons and terrazzo workers; drywall workers and lathers; electricians; glaziers; highway maintenance; insulation workers; painters and paperhangers; plasterers; plumbers and pipefitters; roofers; sheet metal workers; structural and reinforcing ironworkers; tilesetters.
9. **Production Occupations.** Assemblers; food processing occupations; inspectors, testers and graders; metalworking and plastics-working occupations; plant and systems operators, printing occupations; textile, apparel and furnishings occupations; woodworking occupations; miscellaneous production operations.
10. **Transportation & Material Moving.** Bus drivers; material moving equipment operators; rail transportation occupations; truck drivers; water transportation occupations.
11. **Handlers, Equipment Cleaners, Helpers and Laborers** (not included elsewhere). Entry level jobs not requiring significant training.

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**h. Employment of Military Spouses.** Complete the following table to provide estimated information concerning **military spouses** who are also employed in the area defined in response to question 1.b., above. **Do not fill in shaded area.**

1. Percentage of Military Employees Who Are Married:	70%
2. Percentage of Military Spouses Who Work Outside of the Home:	58%
3. Break out of Spouses' Location of Employment (Total of rows 3a. through 3d. should equal 100% and reflect the number of spouses used in the calculation of the "Percentage of Spouses Who Work Outside of the Home".	
3a. Employed "On-Base" - Appropriated Fund:	0
3b. Employed "On-Base" - Non-Appropriated Fund:	0
3c. Employed "Off-Base" - Federal Employment:	8%
3d. Employed "Off-Base" - Other Than Federal Employment	92%

**Source of Data (1.h.) Spouse Employment Data):Survey of Military Spousal Employment dtd 30 June**

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**2. Infrastructure Data.** For each element of community infrastructure identified in the two tables below, rate the community's ability to accommodate the relocation of additional functions and personnel to your activity. Please complete each of the three columns listed in the table, reflecting the impact of various levels of increase (20%, 50% and 100%) in the number of personnel working at the activity (and their associated families). In ranking each category, use one of the following three ratings:

- A - Growth can be accommodated with little or no adverse impact to existing community infrastructure and at little or no additional expense.
- B - Growth can be accommodated, but will require some investment to improve and/or expand existing community infrastructure.
- C - Growth either cannot be accommodated due to physical/environmental limitations or would require substantial investment in community infrastructure improvements.

**Table 2.a., "Local Communities":** This first table refers to the local community (i.e., the community in which the base is located) and its ability to meet the increased requirements of the installation.

**Table 2.b., "Economic Region":** This second table asks for an assessment of the infrastructure of the economic region (those counties identified in response to question 1.b., (page 3) - taken in the aggregate) and its ability to meet the needs of additional employees and their families moving into the area.

**For both tables, annotate with an asterisk (\*) any categories which are wholly supported on-base, i.e., are not provided by the local community. These categories should also receive an A-B-C rating. Answers for these "wholly supported on-base" categories should refer to base infrastructure rather than community infrastructure.**

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**a. Table A: Ability of the local community to meet the expanded needs of the base.**

1) Using the A - B - C rating system described above, complete the table below.

Category	20% Increase	50% Increase	100% Increase
Off-Base Housing	A	A	A
Schools - Public	A	A	A
Schools - Private	A	A	A
Public Transportation - Roadways	A	A	A
Public Transportation - Buses/Subways	A	A	A
Public Transportation - Rail	N/A	N/A	N/A
Fire Protection	A *	A *	A *
Police	A *	A *	A *
Health Care Facilities	A	A	A
Utilities:	A	A	A
Water Supply	A	A	A
Water Distribution	A	A	A
Energy Supply	A	A	A
Energy Distribution	A	A	A
Wastewater Collection	A	A	A
Wastewater Treatment	A	A	A
Storm Water Collection	A	A	A
Solid Waste Collection and Disposal	A	A	A
Hazardous/Toxic Waste Disposal	A *	A *	A *
Recreational Activities	A	A	A
NOTE: Local Community defined as the cities of Fallbrook and Oceanside. Fire and Police services are provided by Camp Pendleton via an Inter Service Support Agreement. Hazardous waste disposal provided by WPNSTA Seal Beach. Local community fire and police services are also adequate to meet planned increases in local population.			

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Remember to mark with an asterisk any categories which are wholly supported on-base.



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2) For each rating of "C" identified in the table on the preceding page, attach a brief narrative explanation of the types and magnitude of improvements required and/or the nature of any barriers that preclude expansion.

N/A

Source of Data (2.a. 1) & 2) - Local Community Table):Don Crabb, Facilities Planner, Code 005, NAVORDCEN PACDIV Fallbrook Detachment
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**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**b. Table B: Ability of the region described in the response to question 1.b. (page 3) (taken in the aggregate) to meet the needs of additional employees and their families relocating into the area.**

1) Using the A - B - C rating system described above, complete the table below.

Category	20% Increase	50% Increase	100% Increase
Off-Base Housing	A	A	A
Schools - Public	A	A	A
Schools - Private	A	A	A
Public Transportation - Roadways	A	A	A
Public Transportation - Buses/Subways	A	A	A
Public Transportation - Rail	N/A	N/A	N/A
Fire Protection	A*	A*	A *
Police	A*	A *	A *
Health Care Facilities	A	A	A
Utilities:	A	A	A
Water Supply	A	A	A
Water Distribution	A	A	A
Energy Supply	A	A	A
Energy Distribution	A	A	A
Wastewater Collection	A	A	A
Wastewater Treatment	A	A	A
Storm Water Collection	A	A	A
Solid Waste Collection and Disposal	A	A	A
Hazardous/Toxic Waste Disposal	A *	A *	A *
Recreation Facilities	A	A	A
NOTE: Local Community defined as San Diego County. Fire and Police services are provided by Camp Pendleton via an Inter Service Support Agreement. Hazardous waste disposal provided by WPNSTA Seal Beach. Local community fire and police services are also adequate to meet planned increases in population.			

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**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

Remember to mark with an asterisk any categories which are wholly supported on-base.

2) For each rating of "C" identified in the table on the preceding page, attach a brief narrative explanation of the types and magnitude of improvements required and/or the nature of any barriers that preclude expansion.

N/A

Source of Data (2.b. 1) & 2) - Regional Table): Don Crabb, Facilities Planner, Code 005, NAVORDCEN PACDIV Fallbrook Detachment
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**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**3. Public Facilities Data:**

- a. **Off-Base Housing Availability.** For the counties identified in the response to question 1.b. (page 3), in the aggregate, estimate the current average vacancy rate for community housing. Use current data or information identified on the latest family housing market analysis. For each of the categories listed (rental units and units for sale), combine single family homes, condominiums, townhouses, mobile homes, etc., into a single rate:

Rental Units: 5.9%

Units for Sale: 6.22%

**Source of Data (3.a. Off-Base Housing):** Housing Vacancy Rate: California Dept of Finance (Jan 94) via the San Diego Chamber of Commerce (Jul 94)  
Rental Vacancy Rate: Market Profiles of San Diego (Mar 94) via the San Diego Chamber of Commerce (Jul 94)

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**b. Education.**

1) Information is required on the current capacity and enrollment levels of school systems serving employees of the activity. Information should be keyed to the counties identified in the response to question 1.b. (page 3).

School District	County	No. of Schools			Enrollment		Pupil to Teacher		Does School District serve Gov't Housing Units
		Elementary	Middle	High	Current	Max. Capacity	Current	Max. Capacity	
Elementary School Districts									
Alpine Union	San Diego	3	1	0	2,059	N/A	1-26.6	1-30.3	No
Bonsall Union	San Diego	1	1	0	1,250	N/A	1-27.9	1-30.3	No
Cajon Valley Union	San Diego	20	4	0	18,223	N/A	1-29.1	1-30.3	No
Cardiff	San Diego	2	0	0	973	N/A	1-27.2	1-30.3	No
Chula Vista Elementary	San Diego	32	0	0	17,814	N/A	1-29.2	1-30.3	No
Dehesa	San Diego	1	0	0	173	N/A	1-24.1	1-30.3	No
Del Mar Union	San Diego	3	0	0	1,226	N/A	1-25.1	1-30.3	No
Encinitas Union	San Diego	8	0	0	5,000	N/A	1-27.4	1-30.3	No
Escondido Union	San Diego	14	3	0	15,802	N/A	1-28.9	1-30.3	No
Fallbrook Union E.	San Diego	6	1	0	5,715	N/A	1-27.7	1-30.3	Yes
Jamul-Dulzura Union	San Diego	1	1	0	1,230	N/A	1-26.1	1-30.3	No
Julian Union	San Diego	1	1	0	515	N/A	1-24.7	1-30.3	No
Lakeside Union	San Diego	7	2	0	4,850	N/A	1-28.5	1-30.3	No
La Mesa-Spring Valley	San Diego	18	4	0	14,273	N/A	1-28.9	1-30.3	No
Lemon Grove	San Diego	5	2	0	4,100	N/A	1-26.5	1-30.3	No
National	San Diego	10	0	0	6,110	N/A	1-29.1	1-30.3	No
Pauma	San Diego	2	0	0	358	N/A	1-26.3	1-30.3	No
Rancho Santa Fe	San Diego	1	1	0	590	N/A	1-22.3	1-30.3	No
San Pasqual Union	San Diego	1	0	0	260	N/A	1-28.8	1-30.3	No
Santee	San Diego	10	0	0	7,900	N/A	1-30.3	1-30.3	No
San Ysidro	San Diego	5	1	0	3,899	N/A	1-27.2	1-30.3	No
Solana Beach	San Diego	4	0	0	2,035	N/A	1-25.4	1-30.3	No
South Bay Union	San Diego	12	0	0	9,644	N/A	1-30.1	1-30.3	No
Spencer Valley	San Diego	1	0	0	27	N/A	N/A	N/A	No
Vallecitos	San Diego	1	0	0	225	N/A	1-22.2	1-30.3	No
Valley Center	San Diego	3	0	0	2,514	N/A	1-25.8	1-30.3	No
Warner Union	San Diego	1	0	0	236	N/A	1-24.3	1-30.3	No
High School Districts									
Escondido Union High	San Diego	0	0	4	6,909	N/A	N/A	N/A	No
Fallbrook Union High	San Diego	2	0	0	2,511	N/A	N/A	N/A	Yes
Grossmont Union High	San Diego	12	0	0	9,815	N/A	N/A	N/A	No
Julian Union High	San Diego	2	0	0	290	N/A	N/A	N/A	No
San Dieguito Union High	San Diego	0	3	3	7,365	N/A	N/A	N/A	No
Sweetwater Union High	San Diego	0	9	10	28,078	N/A	N/A	N/A	No
Unified School Districts									
Borrego Springs	San Diego	1	0	1	401	N/A	1-28.1	1-30.3	No
Carlsbad	San Diego	7	1	2	6,540	N/A	1-29.4	1-30.3	No
Coronado	San Diego	2	1	1	2,474	N/A	1-27.0	1-30.3	Yes
Mountain Empire	San Diego	6	1	2	2,027	N/A	1-23.1	1-30.3	No

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

School District	County	No. of Schools			Enrollment		Pupil to Teacher		Does School District serve Gov't Housing Units
		Elementary	Middle	High	Current	Max. Capacity	Current	Max. Capacity	
Oceanside	San Diego	17	2	3	18,219	N/A	1-29.4	1-30.3	Yes
Poway	San Diego	18	5	3	27,884	N/A	1-28.3	1-30.3	No
Ramona	San Diego	5	1	2	6,515	N/A	1-26.9	1-30.3	No
San Diego	San Diego	109	21	18	126,079	N/A	1-29.2	1-30.3	Yes
San Marcos	San Diego	7	1	3	10,279	N/A	1-29.8	1-30.3	No
Vista	San Diego	14	3	4	21,768	N/A	1-28.6	1-30.3	No

\* Answer "Yes" in this column if the school district in question enrolls students who reside in government housing.

**Source of Data (3.b.1) Education Table):** San Diego County Board of Education From J-7, 1993-1994 as of 6/29/94

2) Are there any on-base "Section 6" Schools? If so, identify the number of schools and current enrollment.

None, Camp Pendleton located adjacent to Fallbrook, has four elementary schools located on site administered by the Oceanside School District.

**Source of Data (3.b.2) On-Base Schools):** San Diego County Board of Education From j-7, 1993-1994 as of 6/29/94

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

3) For the counties identified in the response to question 1.b. (page 3), in the aggregate, list the names of undergraduate and graduate colleges and universities which offer certificates, Associate, Bachelor or Graduate degrees :

Academy of Art College  
New School of Architecture  
Baptist College  
Bethel Seminary & College  
California Institute for Human Science  
California School of Professional Psychology  
California State University, San Marcos  
California Western School of Law  
Chapman University  
Christ Heritage College  
Christian Heritage College  
Coleman College  
Cornell University  
Cuyamaca College  
Design Institute of San Diego  
Grossmont College  
Fashion Institute of Design & Merchandising  
I M I Bible College & Seminary  
Imperial Valley Community College  
International Institute of Metapsychology  
Linda Vista Baptist Bible College and Seminary  
MiraCosta College  
Montessori Teacher Training  
Montessori Training Center - National Center for Montessori Ed  
National University  
Palomar College  
Park College  
Point Loma Nazarene College  
San Diego City College  
San Diego Mesa College  
San Diego Mira Mar College  
San Diego State University  
Scripps Institute of Oceanography

University of California at San Diego School of Med  
Watterson College Pacific  
Webster University  
West Coast University  
Western Sierra Law School  
Western State University College of Law  
The Advertising Arts College  
Trinity College of Graduate Studies  
The Union Institute  
United States International University  
University of Phoenix San Diego Campus  
University of San Diego  
Southern California Bible College  
Southwestern Community College

<b>Source of Data (3.b.3) Colleges): Pacific Bell Yellow Pages 1994</b>
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**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

4) For the counties identified in the response to question 1.b. (page 3), in the aggregate, list the names and major curriculums of vocational/technical training schools:

Academy of International Bartending - Bartending  
Allied Contractors School - Contractor  
Anthony Schools of San Diego - Contractor, Insurance, Real Estate  
Bartenders National School - Bartending  
Bartenders American School - Bartending  
H & R Block - Tax  
Budget Driving School - Driving  
CAD Institute - Computer Aided Design  
Cal-State Contractors License Service - Contractors  
California College for Health Sciences - Medical Transcription, Respiratory Therapist  
California Contractors' License Service - Contractor  
Carlson Travel Academy - Airline Training, Travel & Tour  
Century Business College - Chef, Hotel & Restaurant, Paralegal, Bank Teller, Business & Medical, Security Officer, Private Investigation  
Contractor License Exam Publishing Co. - Contractor  
Contractor License Service - Contractor  
Contractors License of California - Contractor  
Contractor's School Golden State - Contractor  
Contractor's Services License Schools - Contractor  
Contractors State License Schools - Contractor  
Contractors Testing Service - Contractor  
Edutek Professional Colleges - Business, Accounting  
Eldorado College - Accounting, Bookkeeping, Computers, Secretarial  
Fairbanks School of Performing Arts - Acting  
Fashion Careers of California - Fashion Design  
IPSB - International Professional of Bodywork - Massage  
ITT Technical Institute - Computer Aided Drafting, Technology, Hospitality Mgmt  
Interior Designers Institute - Interior Design  
Kelsey-Jenny College - Computers, Court Reporting, Paralegal, Secretarial  
Maric College of Medical Careers - Medical Assistants, Nurses  
National Careers Institute - Business, Computer Technology  
North Coast Ballet School - Dance  
Oceanside College of Beauty - Cosmetology  
Palomar Institute of Cosmetology - Cosmetology  
Platt College - Advertising, Art, Computers, Drafting, Graphic Arts, Medical Assistant  
Rawhide Vocational College - Horses, Vet Medicine, Ranch Management



**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

San Diego Back & Safety School - Safety  
School of Healing Arts Inc. - Nutrition, Hypnotism, Massage  
Shooters Emporium - Security Training  
Spartan School of Aeronautics - Aviation, Communication, Powerplant Tech  
Stat Transcription Service - Transcription  
Travel University International - Travel Consulting  
Body-Mind College - Massage  
Multimedia Arts - Acting  
San Diego Actors Theater - Acting  
San Diego Junior Theater - Acting  
Hypnosis Institute of San Diego - Hypnotism  
Mike Russ Insurance School - Insurance  
Institute of Jewelry Training - Jewelry  
Backster School of Lie Detection - Lie Detector  
Actor's Workshop by Gregory Watkins - Acting  
California College of Holistic Health - Massage  
Barbizon - Modeling  
Nouveau New Faces Development Center - Modeling  
Design Institute of San Diego - Interior Design

<b>Source of Data (3.b.4) Vo-tech Training): Pacific Bell Yellow Pages 1994</b>
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**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**c. Transportation.**

1) Is the activity served by public transportation?

	<u>Yes</u>	<u>No</u>
Bus:	<u>X</u>	<u>  </u>
Rail:	<u>  </u>	<u>X</u>
Subway:	<u>  </u>	<u>X</u>
Ferry:	<u>  </u>	<u>X</u>

**Source of Data (3.c.1) Transportation): Don Crabb Facilities Planner, Code 005 NAVORDCEN PACDIV**

2) Identify the location of the nearest passenger railroad station (long distance rail service, not commuter service within a city) and the distance from the activity to the station.

Oceanside AMTRACK terminal -- 20 miles

**Source of Data (3.c.2) Transportation): North San Diego County Phone Book, July 1993**

3) Identify the name and location of the nearest commercial airport (with public carriers, e.g., USAIR, United, etc.) and the distance from the activity to the airport.

San Diego International Airport -- 52 miles

**Source of Data (3.c.3) Transportation): July 1993 North San Diego County Phone Book**

4) How many carriers are available at this airport?

19

**Source of Data (3.c.4) Transportation): San Diego Airport Management**

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

5) What is the Interstate route number and distance, in miles, from the activity to the nearest Interstate highway?

Interstate 15 -- 7 miles

Interstate 5 (through Camp Pendleton) 15 miles

**Source of Data (3.c.5) Transportation): Don Crabb Facilities Planner, Code 005 NAVORDCEN PACDIV**

6) Access to Base:

a) Describe the quality and capacity of the road systems providing access to the base, specifically during peak periods. (Include both information on the area surrounding the base and information on access to the base, e.g., numbers of gates, congestion problems, etc.)

The Fallbrook site is accessed from the east and west via Ammunition Road. Ammunition Road on the east is a four lane road through the town of Fallbrook and narrows to two lanes just prior to entering the Fallbrook site. Ammunition road traverses the Fallbrook site in a south easterly direction leading to Camp Pendleton where it is linked up with major Camp Pendleton through fares. Ammunition road is in good condition. There are two gates at the Fallbrook site. One at the east entryway from the town of Fallbrook and the west entry way from Camp Pendleton.. There is some congestion at the east gate between 0700 and 0800 and the west gate between 1600 and 1700. This is due primarily to the extensive use of Ammunition Road by residence and employees of Camp Pendleton as a east-west thoroughfare.

b) Do access roads transit residential neighborhoods?

From the west, access to the Fallbrook site is through Camp Pendleton. From the east traffic arrives from Mission Road/Ammunition Roads in the town of Fallbrook. Ammunition and Mission Roads are mostly commercial areas, with small areas of residential neighborhoods intermixed.

c) Are there any easements that preclude expansion of the access road system?

No

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

d.) Are there any man-made barriers that inhibit traffic flow (e.g., draw bridges, etc.)?

No

**Source of Data (3.c.6) Transportation): Donald Crabb, Code 005, Facilities Planner  
NAVORDCEN, PACDIV**

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

- d. **Fire Protection/Hazardous Materials Incidents.** Does the activity have an agreement with the local community for fire protection or hazardous materials incidents? Explain the nature of the agreement and identify the provider of the service.

Fallbrook fire protection is provided by Camp Pendleton, using facilities located at the Fallbrook site. This service is provided at no cost to NAVORDCEN PACDIV Fallbrook Detachment. Since ordnance is considered a hazardous material, response to hazardous material incidents are implicitly included in the Mutual Support Agreement with Camp Pendleton.

<b>Source of Data (3.d. Fire/Hazmat): Fire Chief, Code 044 WPNSTA Seal Beach</b>
--

- e. **Police Protection.**

- 1) What is the level of legislative jurisdiction held by the installation?

Pursuant to Acts of California Legislature, March 12, 1872 (Section 34 of the Political Code of California, as amended September 19, 1939), the United States Government accepted jurisdiction over the Naval Weapons Station, Seal Beach - Fallbrook Annex in letter of 12 January 1943. In this jurisdictional grant, the state of California reserved the power of taxation, in addition to the power to serve civil and criminal process in the area for acts which occurred outside the area. This power to serve process is retained by the state even when the Federal Government holds exclusive jurisdiction over the area. The U.S. Government's partial jurisdiction includes all other rights and privileges not here delineated as reserved to the state and is identical with exclusive jurisdiction except for the state's reservation of power to tax. Furthermore, the state's taxation authority does not include the power to tax Federal property, Federal agencies, or instrumentalities wholly owned by the Federal Government. The state's power to tax is limited in general to taxation of private property and private individuals within the Fallbrook Annex,

- 2) If there is more than one level of legislative jurisdiction for installation property, provide a brief narrative description of the areas covered by each level of legislative jurisdiction and whether there are separate agreements for local law enforcement protection.

Fallbrook has only one level of legislative jurisdiction

- 3) Does the activity have a specific written agreement with local law enforcement concerning the provision of local police protection?

None

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

4) If agreements exist with more than one local law enforcement entity, provide a brief narrative description of whom the agreement is with and what services are covered.

N/A

5) If military law enforcement officials are routinely augmented by officials of other federal agencies (BLM, Forest Service, etc.), identify any written agreements covering such services and briefly describe the level of support received.

None

<b>Source of Data (3.e.1-5): Security Department Head, Buddy Ingram , Code 52 Fallbrook Detachment</b>
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**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**f. Utilities.**

1) Does the activity have an agreement with the local community for water, refuse disposal, power or any other utility requirements? Explain the nature of the agreement and identify the provider of the service.

*WATER:* All potable water is obtained from direct feed from the Fallbrook Municipal Water District via contract 711-83-C-9712

*ELECTRIC:* Power is provided via 12KV incoming supply from San Diego Gas & Electric to on site transformer via contract 711-70-C-1200.

*SEWAGE:* Sewage is pumped from on site lift station to the Fallbrook Sanitation Department for collection and treatment via contract 711-79C-8103.

*NATURAL GAS:* Natural gas is fed from the city of Fallbrook, owned by San Diego Gas & Electric via contract 711-70-C-1220

*REFUSE DISPOSAL:* Performed via service contract presently with Fallbrook Refuse. This is a five year contract with 1 year renewal options.

2) Has the activity been subject to water rationing or interruption of delivery during the last five years? If so, identify time period during which rationing existed and the restrictions imposed. Were activity operations affected by these situations? If so, explain extent of impact.

None

3) Has the activity been subject to any other significant disruptions in utility service, e.g., electrical "brown outs", "rolling black outs", etc., during the last five years? If so, identify time period(s) covered and extent/nature of restrictions/disruption. Were activity operations affected by these situations? If so, explain extent of impact.

None

<b>Source of Data (3.f. 1) - 3) Utilities):</b> WPNSTA Seal Beach Public Works Dept, Code 09
--

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

4. **Business Profile.** List the top ten employers in the geographic area defined by your response to question 1.b. (page 3), taken in the aggregate, (include your activity, if appropriate):

<b>Employer</b>	<b>Product/Service</b>	<b>No. of Employees</b>
1. US Government Active Duty Military	National Defense	120,500
2. US Government Active Duty Civilian	National Defense	44,500
3. University of California, San Diego	Education	17,600
4. County of San Diego	Local Government	17,500
5. San Diego Unified School District	Education	11,400
6. City of San Diego	Local Government	10,970
7. Sharp Healthcare	Health care	9,700
8. Scripps Institute	Healthcare	8,400
9. US Postal Service	US Postal service	6,400
10. Rohr Industries	Aerospace	4,750

**Source of Data (4. Business Profile):** San Diego Economic Development Corporation



**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

- 5. Other Socio-Economic Impacts.** For each of the following areas, describe other recent (past 5 years), on-going or projected economic impacts (both positive and negative) on the geographic region defined by your response to question 1.b. (page 3), in the aggregate:

**a. Loss of Major Employers:**

Manufacturing employment has decreased in San Diego County over the last several years due to cutbacks in Department of Defense spending. Manufacturing employment has decreased 6.2%, or 7,330 jobs over the last year alone. Contributing to this decline is the loss of several thousand jobs due to relocation of General Dynamics. Downsizing of military and non military DoD jobs will also impact San Diego County, where the Federal Government employees 165,000 Military and civilian employees.

**b. Introduction of New Businesses/Technologies:**

Small high tech business, service industry type jobs and construction employment are expected to provide the greatest economic growth in the San Diego area. Also because of its proximity to Pacific Rim countries, California will be a major player in importing and exporting of goods and services to these countries.

**c. Natural Disasters:**

None

**d. Overall Economic Trends:**

The unadjusted unemployment rate in San Diego county decreased to 8.1% in April from 9.1% in May. This compares to a national unadjusted employment rate of 5.9% in may. San Diego's unemployment rate is expected to remain above the national average for at least another one to two years.

<b>Source of Data (5. Other Socio/Econ): San Diego County Chamber of Commerce, EDD employment statistics</b>
--

- 6. Other.** Identify any contributions of your activity to the local community not discussed elsewhere in this response.

NAVORDCEN Fallbrook is actively involved in the Fallbrook community including the following programs:.

- Adopt A School Program with Jefferson Junior High School
  - Career Day participants
  - Science Fair participants

**DATA CALL 65**  
**ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

- Sponsored IDENTIKID Program for local community
- Participated in Honorary Color Guard Detail for Memorial Day Services
- Participated in Fallbrook Youth Fair
- Coordinated and organized charitable food/clothing/toy drives for local community during Christmas/Thanksgiving and after Disasters
- Participated in Career Day for local High School


<b>Source of Data (6. Other): NOCPACDIV Code 50S</b>
--

## NAVORDCEN PACDIV FALLBROOK DETACHMENT

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

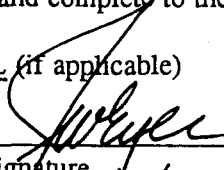
A. L. CHRISTOPHER  
 NAME (Please type or print)  
Acting Commander  
 Title  
NAVORDCEN PACDIV  
 Activity

  
 Signature  
15 Jul 94  
 Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

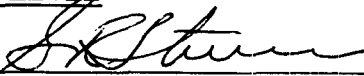
J. W. EYER  
 NAME (Please type or print)  
 ACTING COMMANDER  
 Title  
NAVAL ORINANCE CENTER  
 Activity

  
 Signature  
7/29/94  
 Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

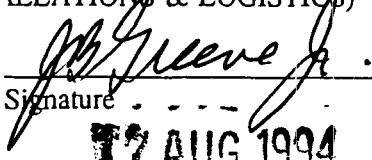
G. R. STERNER  
 NAME (Please type or print)  
 Title  
Commander  
Naval Sea Systems Command  
 Activity

  
 Signature  
8/2/94  
 Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
 DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

J. B. GREENE, JR.  
 NAME (Please type or print)  
 ACTING  
 Title

  
 Signature  
17 AUG 1994  
 Date

## BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

### ACTIVITY COMMANDER

JAMES V. De SIMONE, CDR, USN  
NAME (Please type or print)

*JV De Simone*  
Signature

OFFICER IN CHARGE

Title

*OB July 94*  
Date

NAVORDCENPACDIV FALLBROOK DETACHMENT

Activity Data Call 65

# Document Separator

R 100

**Table 1: Military Construction (MILCON) Projects (Excluding Family Housing Construction Projects)**


[illegible]

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

**J. E. BUFFINGTON, RADM, CEC, USN**  
NAME (Please type or print)

**COMMANDER**  
Title

  
Signature  
12/9/94  
Date

**NAVAL FACILITIES ENGINEERING COMMAND**  
Activity


I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

**DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)**  
**DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)**

**W. A. EARNER**

\_\_\_\_\_  
NAME (Please type or print)

\_\_\_\_\_  
Title

  
Signature  
12/17/94  
Date

BRAC-95 CERTIFICATION

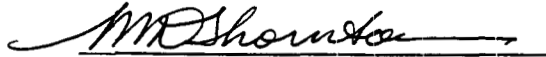
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

**MICHAEL D. THORNTON**

NAME (Please type or print)

CDR, CEC, USN

Title



Signature



Date

**MILCON PROGRAMMING DIVISION**

Division

**NAVAL FACILITIES ENGINEERING COMMAND**

Activity



# Document Separator

**Table 1: Military Construction (MILCON) Projects (Excluding Family Housing Construction Projects)**

(Page 69)

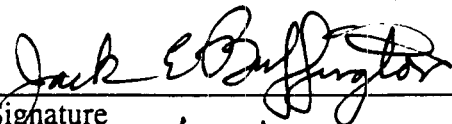
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN  
NAME (Please type or print)

COMMANDER  
Title

NAVAL FACILITIES ENGINEERING COMMAND  
Activity

  
Signature  
7/13/94  
Date


I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER

NAME (Please type or print)

Title

  
Signature  
7/18/94  
Date

BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

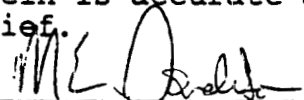
MARK E. DONALDSON  
NAME (Please type or print)

CDR, CEC, USN  
Title

MILCON PROGRAMMING DIVISION  
Division

FACILITIES PROGRAMMING AND CONSTRUCTION DIRECTORATE  
Department

NAVAL FACILITIES ENGINEERING COMMAND  
Activity

  
Signature  
12 July 1994  
Date

Enclosure (1)

BRAC DATA CALL NUMBER 64  
CONSTRUCTION COST AVOIDANCE

Information on cost avoidance which could be realized as the result of cancellation of on-going or programmed construction projects is provided in Tables 1 (MILCON) and 2 (FAMILY HOUSING). These tables list MILCON/FAMILY HOUSING projects which fall within the following categories:

1. all programmed construction projects included in the FY1996 - 2001 MILCON/FAMILY HOUSING Project List,
2. all programmed projects from FY1995 or earlier for which cost avoidance could still be obtained if the project were to be canceled by 1 OCT 1995, and,
3. all programmed BRAC MILCON/FAMILY HOUSING projects for which cost avoidance could still be obtained if the project were to be canceled by 1 OCT 1995.

Projects listed in Tables 1 and 2 with potential cost avoidance were determined as meeting any one of the following criteria:

Projects with projected Work in Place (WIP) less than 75% of the Current Working Estimate (CWE) as of 1 OCT 1995 .

Projects with projected completion dates or Beneficial Occupancy Dates subsequent to 31 March 1996.

Projects with projected CWE amount greater than \$15M.

The estimated cost avoidance for projects terminated after construction award would be approximately one-half of the CWE for the remaining work. Close-out, claims and other termination costs can consume the other half.

# Document Separator

100

**DATA CALL 63  
FAMILY HOUSING DATA**

Information on Family Housing is required for use in BRAC-95 return on investment calculations.

<b>Installation Name:</b>	NAVORDCEN FALLBROOK
<b>Unit Identification Code (UIC):</b>	00396
<b>Major Claimant:</b>	NAVSEA

<b>Percentage of Military Families Living On-Base:</b>	0
<b>Number of Vacant Officer Housing Units:</b>	0
<b>Number of Vacant Enlisted Housing Units:</b>	0
<b>FY 1996 Family Housing Budget (\$000):</b>	0
<b>Total Number of Officer Housing Units:</b>	0
<b>Total Number of Enlisted Housing Units:</b>	0

Line 4, Percentage of Military Families Living on Base, is taken from DD Form 1377.  
Lines 7-9, represents the activity's "fair share" of the complex total of the family housing budget and inventory of officer and enlisted units. This data was provided by COMNAVFACENGCOM.

**Note:** All data should reflect figures as of the beginning of FY 1996. If major DON installations share a family housing complex, figures should reflect an estimate of the installation's prorated share of the family housing complex.

Enclosure (1)

000 7/13

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN  
NAME (Please type or print)

COMMANDER  
Title

NAVAL FACILITIES ENGINEERING COMMAND  
Activity

Jack Buffington  
Signature  
7/20/94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

W. A. EARNER  
NAME (Please type or print)

\_\_\_\_\_  
Title

W A Earner  
Signature  
7/25/94  
Date



BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain these certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify the information contained herein is accurate and complete to the best of my knowledge and belief.

ACTIVITY COMMANDER

THOMAS A. DAMES

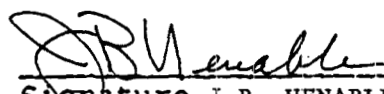
NAME (Please type of print)

Rear Admiral, CEC, USN

Title

LANTNAVFACENGCOM


Activity

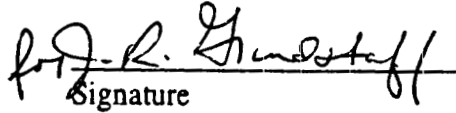
  
Signature J.B. VENABLE  
Acting  
JUL 06 1994  
Date

ENCLOSURE(2)

## BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

 Paulette C. Brown  
Name (Please type or print)

  
Signature

Head, Operations & Projects Branch  
Title

7-6-94  
Date

Housing Division  
Division

Facilities Management  
Department

LANTNAVEACENGCOM  
Activity

## BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

J. Richard Grindstaff  
Name (Please type or print)

J. Richard Grindstaff  
Signature

Head, Requirements & Acquisition Branch  
Title

7-6-98  
Date

Housing Division  
Division

Facilities Management  
Department

LANTNAVEACENGCOM  
Activity

## BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

Mark D. Raker  
Name (Please type or print)

Mark D. Raker  
Signature

Housing Management Specialist  
Title

7/6/94  
Date

Housing Division  
Division

Facilities Management  
Department

LANTNAVFACENGCOM  
Activity

## BRAC-95 CERTIFICATION

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

*for* Moses L. Meadows  
Name (Please type or print)

*for* J. Richard Grindstaff  
Signature

Director  
Title

7-6-94  
Date

Housing Division  
Division

Facilities Management  
Department

LANTNAVEACENGCOM  
Activity

# Document Separator

100

NAVAL ORDNANCE CENTER PACIFIC DIVISION  
FALLBROOK DETACHMENT - N00396

**ENVIRONMENTAL DATA CALL:  
DATA CALL TO BE SUBMITTED TO  
ALL NAVY/MARINE CORPS HOST ACTIVITIES**

**20 APRIL 1994**

Encl (1)

NAVAL ORDNANCE CENTER PACIFIC DIVISION  
FALLBROOK DETACHMENT - N00396

**BRAC 1995 ENVIRONMENTAL DATA CALL:  
All Navy/Marine Corps Host Activities**

**INDEX**

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## ENVIRONMENTAL DATA CALL

Responses to the following questions provide data that will allow an assessment of the potential environmental impact associated with the closure or realignment of a Navy shore activity. This criterion consists of:

- Endangered/Threatened Species and Biological Habitat
- Wetlands
- Cultural Resources
- Environmental Facilities
- Air Pollution
- Environmental Compliance
- Installation Restoration
- Land/Air/Water Use

As part of the answers to these questions, a *source citation* (e.g., 1993 base loading, 1993 base-wide Endangered Species Survey, 1993 letter from USFWS, 1993 Base Master Plan, 1993 Permit Application, 1993 PA/SI, etc.) must be included. It is probable that, at some point in the future, you will be asked to provide additional information detailing specifics of individual characteristics. In anticipation of this request, supporting documentation (e.g., maps, reports, letters, etc.) regarding answers to these questions should be retained. Information needed to answer these questions is available from the cognizant EFD Planning and Real Estate Divisions, and Environment, Safety, and Health Divisions; and from the activity Public Works Department, and activity Health Monitoring and Safety Offices.

For purposes of the questions associated with land use at your base is *defined as land* (acreage owned, withdrawn, leased, and controlled through easements); *air* (space controlled through agreements with the FAA, e.g., MOAs); and *water* (navigation channels and waters along a base shoreline) *under the control of the Navy*.

Provide a list of the tenant activities with UICs that are covered in this response.

N87227 Naval Reserve, NWS Seal Beach, Unit 519  
N48057 NAWC Detachment, Pt. Mugu

## Navy Exchange Branch

**1. ENDANGERED/THREATENED SPECIES AND BIOLOGICAL HABITAT**

**1a.** For federal or state listed endangered, threatened, or category 1 plant and/or animal species on your base, complete the following table. Critical/sensitive habitats for these species are designated by the U. S. Fish and Wildlife Service (USFWS). A species is present on your base if some part of its life-cycle occurs on Navy controlled property (e.g., nesting, feeding, loafing). Important Habitat refers to that number of acres of habitat that is important to some life cycle stage of the threatened/endangered species that is not formally designated.

SPECIES (plant or animal)	Designation (Threatened/ Endangered)	Federal/ State	Critical / Designated Habitat (Acres)	Important Habitat (acres)
Dipodomys stephensi-Stephen's kangaroo rat	endangered	federal	0	2700
Vireo hellii pusillus-Least Bell's vireo	endangered	federal	0	700
Poliophtila Melanura lucida-California gnatcatcher	threatened	federal	0	1700
Aguila chrysaetos canadens-Golden eagle	threatened	federal	0	8000
Empidonaxtraillii extinus-Southwestern willow flycatcher	proposed endangered	federal	0	700

Source Citation: U.S. F.W.S. 1994

**1b.**

Have your base operations or development plans been constrained due to: - USFWS or National Marine Fisheries Service (NMFS)? - State required modifications or constraints? If so, identify below the impact of the constraints including any restrictions on land use.	YES
Are there any requirements resulting from species not residing on base, but which migrate or are present nearby? If so, summarize the impact of such constraints.	NO

**Mitigation for and alteration of military construction projects due to presence of Stephan's kangaroo rat. The kangaroo rats at the construction site were relocated to surrounding areas.**

1c. If the area of the habitat and the associated species have not been identified on base maps provided in Data Call 1, submit this information on an updated version of Data Call 1 map.

N/A

1d.

Have any efforts been made to relocate any species and/or conduct any mitigation with regards to critical habitats or endangered/threatened species? Explain what has been done and why.	YES
--	-----

As mitigation for two construction projects Stephen's kangaroo rats were relocated off the construction sites to surrounding areas. These animals are not being monitored.

Construction hours were restricted for one month to avoid indirect impact to nearby Least Bell's vireo.

1e.

Will any state or local laws and/or regulations applying to endangered/threatened species which have been enacted or promulgated but not yet effected, constrain base operations or development plans beyond those already identified? Explain.	NO
---	----

**2. WETLANDS**

**Note:** Jurisdictional wetlands are those areas that meet the wetland definitional criteria detailed in the Corps of Engineers (COE) Wetland Delineation Manual, 1987, Technical Report Y-87-1, U.S. Army Engineer Waterway Experiment Station, Vicksburg, MS or officially adapted state definitions.

**2a.**

Does your base possess federal jurisdictional wetlands?	YES
Has a wetlands survey in accordance with established standards been conducted for your base?	YES
When was the survey conducted or when will it be conducted? <u>8/93</u>	
What percent of the base has been surveyed?	100%
What is the total acreage of jurisdictional wetlands present on your base?	920

Source Citation: Master Plan - Seal Beach Complex, 1989 and Soil Erosion inventory, 1990.

**2b.** If the area of the wetlands has not been identified on base maps provided in Data Call 1, submit this on an updated version of Data Call 1 map.

**Not available currently**

**2c.** Has the EPA, COE or a state wetland regulatory agency required you to modify or constrain base operations or development plans in any way in order to accommodate a jurisdictional wetland? NO If YES, summarize the results of such modifications or constraints.

**3. CULTURAL RESOURCES****3a.**

Has a survey been conducted to determine historic sites, structures, districts or archaeological resources which are listed, or determined eligible for listing, on the National Register of Historic Places? If so, list the sites below.	YES
--	-----

**One archaeological site**

CA-SDI-10158

**One historic district**

Magazine Complex

**3b.**

Has the President's Advisory Council on Historic Preservation or the cognizant State Historic Preservation Officer required you to mitigate or constrain base operations or development plans in any way in order to accommodate a National Register cultural resource? If YES, list the results of such modifications or constraints below.	YES
--	-----

**Cultural sites are fenced to provide protection from impact from nearby construction site.****3c.**

Are there any on base areas identified as sacred areas or burial sites by Native Americans or others? List below.	NO
---	----

**4. ENVIRONMENTAL FACILITIES**

**Notes:** If your facility is permitted for less than maximum capacity, state the maximum capacity and explain below the associated table why it is not permitted for maximum capacity. Under "Permit Status" state when the permit expires, and whether the facility is operating under a waiver. For permit violations, limit the list to the last 5 years.

4a.

Does your base have an operating landfill? .....					NO
ID/Location of Landfill	Permitted Capacity (CYD)		Maximum Capacity (CYD)	Contents <sup>1</sup>	Permit Status
	TOTAL	Remaining			

<sup>1</sup> Contents (e.g. building demolition, asbestos, sanitary debris, etc)

Are there any current or programmed projects to correct deficiencies or improve the facility.

4b. If there are any non-Navy users of the landfill, describe the user and conditions/agreements.

N/A

4c.

Does your base have any disposal, recycling, or incineration facilities for solid waste?					NO
Facility/Type of Operatio	Permitted Capacity	Ave Daily Throughput	Maximum Capacity	Permit Status	Comments

List any permit violations and projects to correct deficiencies or improve the facility.

4d.

Does your base own/operate a Domestic Wastewater Treatment Plant (WWTP) ?					NO
ID/Location of WWTP	Permitted Capacity	Ave Daily Discharge Rate	Maximum Capacity	Permit Status	Level of Treatment/Year Built

List permit violations and discuss any projects to correct deficiencies.

4e. If you do not have a domestic WWTP, describe the average discharge rate of your base to the local sanitary sewer authority, discharge limits set by the sanitary sewer authority (flow and pollutants) and whether the base is in compliance with their permit. Discuss recurring discharge violations.

Fallbrook Public Utility District  
 -15,000 GPD (gallons per day)  
 -no discharge limit is set  
 -no permit is required at this time

4f.

Does your base operate an Industrial Waste Treatment Plant (IWTP)?					NO
ID/Location of IWTP	Type of Treatment	Permitted Capacity	Ave Daily Discharge Rate	Maximum Capacity	Permit Status

List any permit violations and projects to correct deficiencies or improve the facility.

4g. Are there other waste treatment flows not accounted for in the previous tables? Estimate capacity and describe the system.

N/A

4h.

Does your base operate drinking Water Treatment Plants (WTP)?					NO
ID/Location of WTP	Operating (GPD)		Method of Treatment	Maximum Capacity	Permit Status
	Permitted Capacity	Daily Rate			

List permit violations and projects/actions to correct deficiencies or improve the facility.

4i. If you do not operate a WTP, what is the source of the base potable water supply. State terms and limits on capacity in the agreement/contract, if applicable.

-Fallbrook public utility district

-Usage: Normal 100,000 GPD; Maximum 1,700,000 GPD

4j.

Does the presence of contaminants or lack of supply of water constrain base operations. Explain.	NO
--	----

4k.

Other than those described above does your base hold any NPDES or stormwater permits? If YES, describe permit conditions.	YES
If NO, why not and provide explanation of plan to achieve permitted status.	

- (1) eliminate non-stormwater discharges to storm systems.
- (2) develop and implement a stormwater pollution prevention plan
- (3) perform monitoring of discharges to storm system.

4l.

Does your base have bilge water discharge problem?	NO
Do you have a bilge water treatment facility?	NO



Explain:

4m.

Will any state or local laws and/or regulations applying to Environmental Facilities, which have been enacted or promulgated but not yet effected, constrain base operations or development plans beyond those already identified? Explain.	NO
---	----

4n. What expansion capacity is possible with these Environmental Facilities? Will any expansions/upgrades as a result of BRACON or projects programmed through the Presidents budget through FY1997 result in additional capacity? Explain.

N/A

4o. Do capacity limitations on any of the facilities discussed in question 4 pose a present or future limitation on base operations? Explain.

NO.

**5. AIR POLLUTION**

5a.

What is the name of the Air Quality Control Areas (AQCAs) in which the base is located?

San Diego Air Pollution Control DistrictIs the installation or any of its OLFs or non-contiguous base properties located in different AQCAs? No. List site, location and name of AQCA. \_\_\_\_\_

5b. For each parcel in a separate AQCA fill in the following table. Identify with and "X" whether the status of each regulated pollutant is: attainment/nonattainment/maintenance. For those areas which are in non-attainment, state whether they are: Marginal, Moderate, Serious, Severe, or Extreme. State target attainment year.

Site: Fallbrook Detachment AQCA: SDAPCD

Pollutant	Attainment	Non-Attainment	Maintenance	Target Attainment Year <sup>1</sup>	Comments <sup>2</sup>
CO		X			MODERATE
Ozone		X			SEVERE
PM-10		X			
SO <sub>2</sub>	X				
NO <sub>2</sub>	X				
Pb	X				

<sup>1</sup> Based on national standard for Non-Attainment areas or SIP for Maintenance areas.

<sup>2</sup> Indicate if attainment is dependent upon BRACON, MILCON or Special Projects. Also indicate if the project is currently programmed within the Presidents FY1997 budget.

**Note: Attainment is not dependent on any project**

**5c.** For your base, identify the baseline level of emissions, established in accordance with the Clean Air Act. Baseline information is assumed to be 1990 data or other year as specified. Determine the total level of emissions (tons/yr) for CO, NOx, VOC, PM10 for the general sources listed. For all data provide a list of the sources and show your calculations. Use known emissions data, or emissions derived from use of state methodologies, or identify other sources used. "Other Mobile" sources include such items as ground support equipment.

Emission Sources (Tons/Year)					
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO		81.41	N/A	1.8	83.21
NOx	1.15	6.64	N/A	.92	8.71
VOC	1.06	6.2	N/A	2.52	9.78
PM10			N/A	.30	.30

Source Document: AP 42, Annual Air Emission Report CY90

**5d.** For your base, determine the total FY1993 level of emissions (tons/yr) for CO, NOx, VOC, PM10 for the general sources listed. For all data provide a list of the sources and show your calculations. Use known emissions data, or emissions derived from use of state methodologies, or identify other sources used. "Other Mobile" sources include such items as ground support equipment.

Emissions Sources (Tons/Year)					
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO		88.81	N/A	2.49	91.3
NOx	1.15	7.25	N/A	.91	9.31
VOC	1.06	6.77	N/A	1.79	9.62
PM10			N/A	.32	.32

Source Document: Annual Air Emissions Report CY93 AP 42

**5e.** Provide estimated increases/decreases in air emissions (Tons/Year of CO, NOx, VOC, PM10) expected within the next six years (1995-2001). Either from previous BRAC realignments and/or previously planned downsizing shown in the Presidents FY1997 budget. Explain.

NONE.

**5f.** Are there any critical air quality regions (i.e. non-attainment areas, national parks, etc.) within 100 miles of the base?

**Yes, San Diego is in a non-attainment area for CO, Ozone, and PM-10.**

**5g.** Have any base operations/mission/functions (i.e.: training, R&D, ship movement, aircraft movement, military operations, support functions, vehicle trips per day, etc.) been restricted or delayed due to air quality considerations. Explain the reason for the restriction and the "fix" implemented or planned to correct.

**No. The base must be careful when purchasing equipment to ensure that it meets lowest achievable emission rate technology. Base operations/mission have not been stopped. Paints must also be picked that meet air standards.**

**5h.** Does your base have Emission Reduction Credits (ERCs) or is it subject to any emission offset requirements? If yes, provide details of the sources affected and conditions of the ERCs and offsets. Is there any potential for getting ERCs?

**Any major source must have offsets. Emission offsets shall be actual emission reduction and at least 1.2 times the emission increase of the same pollutant after the application of lowest achievable emission rate technology. Offsets can be obtained by shutting off equipment.**

**6. ENVIRONMENTAL COMPLIANCE**

- 6a. Identify compliance costs, currently known or estimated that are required for permits or other actions required to bring existing practices into compliance with appropriate regulations. Do not include Installation Restoration costs that are covered in Section 7 or recurring costs included in question 6c. For the last two columns provide the combined total for those two FY's.

Program	Survey Completed?	Costs in \$K to correct deficiencies					
		FY94	FY95	FY96	FY97	FY98-99	FY00-01
Air							
Hazardous Waste		25	25				
Safe Drinking Water Act							
PCBs							
Other (non-PCB) Toxic Substance Control Act							
Lead Based Paint							
Radon	YES-NO ACTION REQUIRED						
Clean Water Act		15					
Solid Waste							
Oil Pollution Act							
USTs							
Other							
<b>Total</b>		40	25				

Provide a separate list of compliance projects in progress or required, with associated cost and estimated start/completion date.

**No projects.**

6b.

Does your base have structures containing asbestos? YES What % of your base has been surveyed for asbestos? < 50% Are additional surveys planned? YES

What is the estimated cost to remediate asbestos (\$K) UNKNOWN.  
encapsulation, removal or a combination of both? UNKNOWN

Are asbestos survey costs based on

6c. Provide detailed cost of recurring operational (environmental) compliance costs, with funding source.

Funding Source		FY1992	FY1993	FY1994	FY1995	FY1996	FY1997	FY98-99	FY00-01
<b>O&amp;MN</b>									
	HA								
	PA								
	Other O&MN (specify)								
<b>Other (specify) DBOF</b>				447	415	416	417		
<b>TOTAL:</b>				447	415	416	417		

6d. Are there any compliance issues/requirements that have impacted operations and/or development plans at your base.

NONE.

**7. INSTALLATION RESTORATION****7a.**

Does your base have any sites that are contaminated with hazardous substances or petroleum products?	YES
Is your base an NPL site or proposed NPL site?	NO

**7b.** Provide the following information about your Installation Restoration (IR) program. Project list may be provided in separate table format. Note: List only projects eligible for funding under the Defense Environmental Restoration Account (DERA). Do not include UST compliance projects properly listed in section VI.

Site # or name	Type site <sup>1</sup>	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete (\$M)/Est. Compl. Date	Status <sup>2</sup> /Comments
26	CERCLA	UNKNOWN	NO	NO	UNKNOWN	SI
27	CERCLA	UNKNOWN	NO	NO	UNKNOWN	SI
28	CERCLA	UNKNOWN	NO	NO	UNKNOWN	SI
29	CERCLA	UNKNOWN	NO	NO	UNKNOWN	SI
30	CERCLA	UNKNOWN	NO	NO	UNKNOWN	SI
31	CERCLA	UNKNOWN	NO	NO	UNKNOWN	SI
32	CERCLA	UNKNOWN	NO	NO	UNKNOWN	SI
33	CERCLA	UNKNOWN	NO	NO	UNKNOWN	SI
34	CERCLA	UNKNOWN	NO	NO	UNKNOWN	SI
52	CERCLA	UNKNOWN	NO	NO	UNKNOWN	SI

<sup>1</sup> Type site: CERCLA, RCRA corrective action (CA), UST or other (explain)

<sup>2</sup> Status = PA, SI, RI, RD, RA, long term monitoring, etc.

**7c.** Have any contamination sites been identified for which there is no recognized/accepted remediation process available? List.

**NO.**

**7d.**

Is there a groundwater treatment system in place?	NO
Is there a groundwater treatment system planned?	NO

State scope and expected length of pump and treat operation.

**7e.**

Has a RCRA Facilities Assessment been performed for your base?	NO
--	----

**7f.** Does your base operate any conforming storage facilities for handling **hazardous materials**?  
If YES, describe facility, capacity, restrictions, and permit conditions.

**NO.**

**7g.** Does your base operate any conforming storage facilities for handling **hazardous waste**? If YES, describe facility, capacity, restrictions, and permit conditions.

There are no permitted hazardous waste storage areas. All hazardous waste is stored at either less than 90 day sites or satellite accumulation sites. Restrictions are those imposed on less than 90 day and satellite hazardous waste storage by federal and state regulations. With the exception of three napalm storage areas, hazardous waste stored outdoors is kept in lockers with secondary containment capable of holding at least 110% of the volume of the largest container kept in the lockers. These lockers come in three sizes and are capable of holding two 55 gallon drums, four



55 gallon drums, or eight 55 gallon drums. Hazardous waste stored inside buildings is kept on pallets with secondary containment. The hazardous waste storage capacity using currently available lockers and pallets with secondary containment is approximately fifty 55 gallon drums.

There are three outdoor napalm storage areas with approximately 30,000 gallons of napalm material. Some of this napalm material is a hazardous waste which has exceeded the 90 day hazardous waste storage limit and is not in secondary containment.

**7h.** Is your base responsible for any non-appropriated fund facilities (exchange, gas station) that require cleanup? If so, describe facility/location and cleanup required/status.

**NO.**

**7i.**

Do the results of any radiological surveys conducted indicate limitations on future land use? Explain below.	NO
--	----

**7j.** Have any base operations or development plans been restricted due to Installation Restoration considerations?

**NO.**

**7k.** List any other hazardous waste treatment or disposal facilities not included in question 7b. above. Include capacity, restrictions and permit conditions.

**NO.**

**8. LAND / AIR / WATER USE**

**8a.** List the acreage of each real estate component controlled or managed by your base (e.g., Main Base - 1,200 acres, Outlying Field - 200 acres, Remote Range - 1,000 acres, remote antenna site - 5 acres, Off-Base Housing Area - 25 acres).

Parcel Descriptor	Acres	Location
Main Base	8,851	Fallbrook Detachment

**8b.** Provide the acreage of the land use categories listed in the table below:

LAND USE CATEGORY		ACRES
Total Developed: (administration, operational, housing, recreational, training, etc.)		164
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)		Wetlands: 920
		All Others:
Total Undeveloped land considered to be without development constraints, but which may have operational/man caused constraints (i.e.: HERO, HERF, HERP, ESQD, AICUZ, etc.) TOTAL		7,000
Total Undeveloped land considered to be without development constraints		1,600
Total Off-base lands held for easements/lease for specific purposes		
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	7,000
	HERF	
	HERP	N/A
	HERO	100
	AICUZ	N/A
	Airfield Safety Criteria	N/A
	Other	

**8c.** How many acres on your base (includes off base sites) are dedicated for training purposes (e.g., vehicular, earth moving, mobilization)? This does not include buildings or interior small arms ranges used for training purposes. NONE

**8d.** What is the date of your last AICUZ update? \_\_\_\_/\_\_\_\_/\_\_\_\_ Are any waivers of airfield safety criteria in effect on your base? Y/N Summarize the conditions of the waivers below.

**8e.** List the off-base land use *types* (e.g, residential, industrial, agricultural) and *acreage* within Noise Zones 2 & 3 generated by your flight operations and whether it is compatible/incompatible with AICUZ guidelines on land use.

Acreage/Location/ID	Zones 2 or 3	Land Use	Compatible/ Incompatible

**8f.** List the navigational channels and berthing areas controlled by your base which require maintenance dredging? Include the frequency, volume, current project depth, and costs of the maintenance requirement.

Navigational Channels/ Berthing Areas	Location / Description	Maintenance Dredging Requirement			
		Frequency	Volume (MCY)	Current Project Depth (FT)	Cost (\$M)
NONE					

- 8g.** Summarize planned projects through FY 1997 requiring **new channel or berthing area** dredged depths, include location, volume and depth.

NONE.

**8h.**

Are there available <b>designated dredge disposal areas</b> for maintenance dredging material? List location, remaining capacity, and future limitations.	N/A
Are there available <b>designated dredge disposal areas</b> for new dredge material? List location, remaining capacity, and future limitations.	N/A
Are the dredged materials considered contaminated? List known contaminants.	N/A

- 8.i.** List any requirements or constraints resulting from consistency with **State Coastal Zone Management Plans**.

NONE.

- 8j.** Describe any **non-point source pollution problems affecting water quality** ,e.g.: coastal erosion.

**Soil erosion from slopes and roads into riparian areas.**

**Herbicide/pesticide from lawn irrigation**

**8k.**

If the base has a cooperative agreement with the US Fish and Wildlife Service and/or the State Fish and Game Department for conducting a hunting and fishing program, does the agreement or these resources constrain either current or future operations or activities? Explain the nature and extent of restrictions.	NO
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- 8l.** List any other areas on your base which are indicated as protected or preserved habitat other than threatened/endangered species that have been listed in Section 1. List the species, whether or not treated, and the acres protected/preserved.

**9. WRAPUP**

**9a.** Are there **existing or potential environmental showstoppers** that have affected or will affect the accomplishment of the installation mission that have not been covered in the previous 8 questions?

**NO.**

**9b.** Are there any **other environmental permits** required for base operations, include any relating to industrial operations.

**-Endangered species take permits will be needed for the Fire Management Plan and Maintenance Plan for Fallbrook. Currently in consultation for Fire Management Plan.**

**-Agreement documents for management of historic sites is needed. Without this agreement we must complete the Section 106 process for every project. This is not manageable.**

**9c.** Describe any **other environmental or encroachment restrictions** on base property not covered in the previous 8 sections.

**None.**

**9d.** List any **future/proposed laws/regulations or any proposed laws/regulations** which will constrain base operations or development plans in any way. Explain.

Category species that may be listed on the Threatened/Endangered species list.

NAVORDCEN PACDIV DC 33  
FALLBROOK DETACHMENT

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

D. E. MILLER  
NAME (Please type or print)  
Commander, Acting  
Title  
NAVORDCEN PACDIV  
Activity

D. E. Miller  
Signature  
26 May 94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

NEXT ECHELON LEVEL (if applicable)

J.C. ROBERTSON, CAPT SC, USN  
NAME (Please type or print)  
ACTING COMMANDER  
Title  
NAVAL ORDNANCE CENTER  
Activity

J. C. Robert  
Signature  
6/10/94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

G. R. STERNER  
NAME (Please type or print)  
Commander  
Title  
Naval Sea Systems Command  
Activity

G. R. Sterner  
Signature  
6/13/94  
Date

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)  
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

P. W. DRENNON  
NAME (Please type or print)  
  
Title

P. W. Drennon  
Signature  
6/24/94  
Date

## BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

In accordance with policy set forth by the Secretary of the Navy, personnel of the Department of the Navy, uniformed and civilian, who provide information for use in the BRAC-95 process are required to provide a signed certification that states "I certify that the information contained herein is accurate and complete to the best of my knowledge and belief."

The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

### ACTIVITY COMMANDER

JAMES V. De SIMONE, CDR, USN

NAME (Please type or print)

James V. De Simone  
Signature

OFFICER IN CHARGE

Title

24 May 94  
Date

NAVORDCEN PACDIV FALLBROOK DET

Activity