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	*Naval Weapons Station, Seal Beach*
Acronym(s) used in correspondence	WPNSTA Seal Beach, NWS Seal Beach, NWSSB
Commonly accepted short title(s)	Seal Beach

- Complete Mailing Address
  Commanding Officer
  Naval Weapons Station Seal Beach
  800 Seal Beach Blvd
  Seal Beach, CA 90740-5000

- PLAD: WPNSTA SEAL BEACH CA

- PRIMARY UIC: N60701 (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): N47615 PURPOSE: NON-NIF SECURITY
  _____ _____
  _____ _____

2. PLANT ACCOUNT HOLDER:

- Yes X 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 __X__ 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 __X__ (check one)
• Primary Host (current) UIC: _____
• Primary Host (as of 01 Oct 1995) UIC: _____
• Primary Host (as of 01 Oct 2001) UIC: _____

• 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 __X__ (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
AD - Naval Weapons Station, Seal Beach Fallbrook Annex	Fallbrook, CA	N00396
AE - Naval Weapons Station, Seal Beach Corona Annex	Corona, CA	N64267
PH - Naval Weapons Station, Seal Beach Port Hadlock Annex	Port Hadlock, CA	N32013
SP	Sierra Peak, CA	

The three remote sites listed above with UICs are no longer organizationally annexes to the Naval Weapons Station Seal Beach (see OPNAVNOTE 5450 of 14 Oct 93) and are submitting separate data calls. They are listed here because plan account records are still in the process of being adjusted.

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

Name	UIC	Location	Host name	Host UIC
NWSSB Det Baltimore		Baltimore, MD	Allied Signal	
NWSSB Det Bedford		Bedford, MA	Raytheon	
NWSSB Det Bristol	N49662	Bristol, TN	Raytheon	
NWSSB Det Camden		Camden, AK	Hughes Missile	
NWSSB Det Chattanooga		Chattanooga, TN	Raytheon	
NWSSB DET Minneapolis		Minneapolis, MN	FMC	
NWSSB Det Pomona	N62861	Pomona, CA	Hughes Missile	
NWSSB Det Scottsdale		Scottsdale, AZ	Motorola	
NWSSB Det Tucson	N68970	Tuscon, AZ	Hughes Missile	

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.

BRAC-93 directed the consolidation of DOD tactical missile maintenance workload at Letterkenny Army Depot. WPNSTA Seal Beach has been directed to transfer to Letterkenny Army Depot the tactical missile depot maintenance workload for STANDARD missile. The projected FY94 workload is 25 workyears and approximate $2.2M. The workload consists of depot level maintenance on the autopilot battery unit (APBU) and the steering control unit (SCU) for the Navy's STANDARD missile. These units are removed from the missiles at various sites and shipped to the depot stocking point to be held for repair. Fully assembled missiles are not sent to the depot for repair; only components are returned for maintenance. This action is deemed to be a transfer of function.

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

Naval Weapons Station, Seal Beach exists to provide ordnance products and comprehensive related services essential for our Naval forces to prevail in any challenge or conflict. We achieve our mission through mastery of ordnance stockpile management, logistics, maintenance and technical support complemented by our people, unique resources and strategic seaward proximity to the fleet.

- Maintain and operate an explosive ordnance outloading facility.

- Maintain and operate an expendable ordnance storage and intermediate level maintenance facility with the capability to receive, segregate, store, issue, repair maintain, assemble, test, inspect, modify and dispose of assigned expendable ordnance and related components.

- Maintain and operate a demilitarization furnace for small caliber ammunition.

- Maintain basic stocks of ammunition as required by the Naval Ordnance Center (NAVORDCEN) Station Load Plan.

- Provide port services to fleet ships visiting the Naval Weapons Station.

- Coordinate and oversee the training and activities of assigned military Naval Reserve units and civilian personnel involved in ammunition or explosive cargo handling, by providing facilities, technical supervision and administrative processing guidance.

- Provide explosive ordnance services to any Navy or DOD vessel at explosive anchorages in San Pedro Bay.

- Provide a refuge and safe haven for U.S. government property in transit.

- Provide engineering support for depot level maintenance of surface missile systems components.

•Maintain and operate a designated depot overhaul point in support of Fleet depot level requirements for surface missile components/associated repairables, MK-612 and MK-680 Test Sets and missile containers.

•Provide on-site technical representation, total program lifecycle support, liaison and coordination for Navy Acquisition Program Managers.

•Provide laboratory facilities and services to conduct weapons assessment of tactical and strategic systems.

•Provide logistic management functions in support of the New Ships Construction Program.

•Maintain and operate a Type III calibration laboratory and instrument repair facility.

•Perform stockpile assessment for strategic systems.

Projected Missions for FY 2001

Naval Weapons Station, Seal Beach as part of a streamlined, integrated team, will be the model for full service ordnance support. We will continue to be innovative and recognized as the critical ordnance link to expeditionary forces afloat.

• No deletions, same as above except add the following:

•Support a forward logistics policy for the pre-positioning and loadout of tactical ballistic missiles for surface warfare combatant ships.

•Maintain co-location at Seal Beach, of activities and resources involved in maintaining ordnance management and lifecycle support relative to Theater Missile Defense.

•Operate a center for demilitarization and disposal of ordnance and other related materials.

R

UIC: 60701

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

- Operate the only organic Depot Level Maintenance Facility (DLMF) for STANDARD missile for Steering Control units and Autopilot Battery units. WPNSTA Seal Beach serves the Naval Ordnance Center's Intermediate Maintenance Activities by supporting both east and west coast, as well as foreign military sales customers.

- Operate the only organic maintenance and stocking point for STANDARD Missile UHF Telemetry and test systems components. WPNSTA Seal Beach serves the Naval Ordnance Center's intermediate maintenance activities (WPNSTA Seal Beach, WPNSTA Yorktown, and WPNSTA Charleston) by supporting both east and west coast, as well as foreign sales customers. R 10/14/94

- Maintain basic stocks of expendable ordnance and related components as required by the Naval Ordnance Center Station Load Plan. WPNSTA Seal Beach is the Pacific Fleet's stockpoint for all cartridge actuated devices and Propulsion actuated devices. R 10/14/94

- Maintain and operate expendable ordnance maintenance facilities with the capability to inspect, repair, modify, assemble and test expendable ordnance and related components. WPNSTA Seal Beach is the only Pacific Division activity with the capability to perform STANDARD (AEGIS) missiles, perform full-service maintenance for TOMAHAWK missiles and perform maintenance for STANDARD and TOMAHAWK missile containers.

- Maintain and operate a deep water port certified for expendable ordnance outloading. Proximity to San Diego area significantly reduces steaming time and fuel costs for Pacific Fleet units. Seal Beach provisions all landing force operational readiness munitions (LFORM) for the Marine Corps.

- Maintain and operate expendable ordnance facilities with the capability to demilitarize and dispose of expendable ordnance and related components. WPNSTA Seal Beach has the only West Coast explosive deactivation furnace and the Navy;s only industrial capacity metal shredder.

- Continue cooperative support and symbiotic relationship as host of U.S. Wildlife Refuge located at WPNSTA Seal Beach.

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

•Operate the only organic Depot Level Maintenance Facility (DLMF) for STANDARD missile for Steering Control units and Autopilot Battery units. WPNSTA Seal Beach serves the Naval Ordnance Center's Intermediate Maintenance Activities by supporting both east and west coast, as well as foreign military sales customers.

•Operate the only organic depot level maintenance and stocking point for STANDARD Missile UHF Telemetry and test systems components. WPNSTA Seal Beach serves the NAval Ordnance Center's intermediate maintenance activities (WPNSTA Seal Beach, WPNSTA Yorktown, and WPNSTA Charleston) by supporting both east and west coast, as well as foreign sales customers.

• Maintain basic stocks of expendable ordnance and related components as required by the Naval Ordnance Center Station Load Plan. WPNSTA Seal Beach is the Pacific Fleet's stockpoint for all cartridge actuated devices and propulsion actuated devices (CADs/PADs).

• Maintain and operate expendable ordnance maintenance facilities with the capability to inspect, repair, modify, assemble and test expendable ordnance and related components. WPNSTA Seal Beach is the only Pacific Division activity with the capability to perform STANDARD (AEGIS) missiles, perform full-service maintenance for TOMAHAWK missiles and perform maintenance for STANDARD and TOMAHAWK missile containers.

• Maintain and operate a deep water port certified for expendable ordnance outloading. Proximity to San Diego area significantly reduces steaming time and fuel costs for Pacific Fleet units. Seal Beach provisions all landing force operational readiness munitions (LFORM) for the Marine Corps.

•Maintain and operate expendable ordnance facilities with the capability to demilitarize and dispose of expendable ordnance and related components. WPNSTA Seal Beach has the only West Coast explosive deactivation furnace and the Navy's only industrial capacity metal shredder.

•Continue cooperative support and symbiotic relationship as host of U.S. Wildlife Refuge located at WPNSTA Seal Beach.

Projected Unique Missions for FY 2001

Deletions:

- BRAC 93 directed that depot maintenance on STANDARD missile autopilot battery units and steering control units be transferred to Letterkenny Army Depot.

Additions:

- Operate the only West Coast Intermediate Maintenance activity for Theater Ballistic Missiles (TBMs) for Naval combatants. WPNSTA Seal Beach will be the only full service depot on the west coast with unrestricted, direct, deep water access, capable of providing ordnance services to AEGIS class cruisers with STANDARD missile TBM capability.

- Maintain through close proximity with NWAD Corona, NSWC Port Hueneme, and Detachment Fallbrook, activities and resources which relate to warfare assessment, ISEA functions, and joint Marine Corps operations.

- Provide a full service center for disposal and demilitarization of ordnance and other related materials serving any Navy or DOD (joint service) customers.

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
Naval Ordnance Center, Pacific Division	N68968

• Funding Source	UIC
DBOF	Multiple

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)
o Reporting Command	9	157	821(incls 32 in dets)
o Reporting Reserves	25	120	
o Tenants (w/o reserves)	10	138	1516
o Drilling Reserves	27	145	
o Tenants (Total)	37	283	1516

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
o Reporting Command	9	171	781(incls 40 in dets)
o Reporting Reserves	18	112	
o Tenants (w/o reserves)	10	152	1601
o Drilling Reserves	20	137	
o Tenants (Total)	30	289	1601

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.

Title/Name	Office	Fax	Home
• CO/OIC			
CDR R. E. Tanner	(310)594-7301	(310)594-7171	(310)594-1140
	DSN 873-7301	DSN 873-7171	
• Duty Officer	(310)594-7101	(310)594-7102	[N/A]
	DSN 873-7101	DSN 873-7102	
• Technical Director	(310)594-7303	(310)594-7171	
L. S. Noel	DSN 873-7303		

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
Seal Beach National Wildlife Refuge	11680	0	0	0
Mobile Mine Assembly Group Unit One	30129	1	42	0
Branch Medical Clinic	32957	0	1	4
Branch Dental Clinic	35207	0	0	0
Defense Reutilization Material Off	39226	0	0	1
Navy Exchange Branch, Seal Beach	39286	0	0	0
Field Rep, ROICC	44267	0	0	7
Long Beach Naval Shipyard	60258	0	0	3
Navy Exhibit Center	62444	0	2	0
Field Rep, NSWSES	63394	0	0	1
Naval Ordnance Center, Pacific Div	68968	1	0	170
Naval Reserve, NWS Seal Beach, HQ119	87228	0	0	0
Naval Reserve, NWS Seal Beach, Unit 219	89621	0	0	0
Naval Reserve, NWS Seal Beach, Unit 319	86014	0	0	0
Defense Finance & Accounting	00034	0	0	11
Federal Aviation Administration		0	0	0
Field Rep, UNICOR		0	0	1
Field Rep, General Dynamics		0	0	0
Sea Air Federal Credit Union		0	0	0
AFGE, Local 2161		0	0	0
Welfare & Rec Vendor		0	0	0

• Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
NA				

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

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
Naval Ordnance Center Pacific Division, Fallbrook Detachment	00396	Fallbrook, CA	3	0	280
Naval Ordnance Center, Pacific Division, Fallbrook Detachment (NON-NIF)	47618	Fallbrook, CA	0	82	0
Navy Exchange Branch		Fallbrook, CA	0	0	0
Naval Reserve, NWS Seal Beach, Unit 519	87227	Fallbrook, CA	0	0	0
NAWC Det Pt. Mugu	48057	Fallbrook, CA	0	0	3
Naval Warfare Assessment Division	64267	Corona, CA	3	1	1025
Branch Medical Clinic	32540	Corona, CA	0	0	1
NWC, Encounter Simulation Lab	60530	Corona, CA	0	0	5
Sea Air Federal Credit Union		Corona, CA	0	0	0
Naval Ordnance Center, Pacific Division, Port Hadlock Detachment	32013	Port Hadlock, WA	2	1	89
NavOrdCen, Pacific Division, Port Hadlock Detachment (NON-NIF)	48537	Port Hadlock, WA	0	10	0
NavOrdCen, Pacific Division, Port Hadlock Detachment (NON-NIF)	52860	Port Hadlock, WA	0	12	0
Navy Exchange Branch	45237	Port Hadlock, WA	0	0	0
Branch Medical Clinic		Port Hadlock, WA	0	1	0
SATO		Corona, CA	0	0	0

• 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.)
DCSC - DLA	*Columbus, OH*	*Testing/material analysis - ISSA*
63rd USA Reserve Command	*Los Alamitos, CA*	*Space/Use of pistol range/railcar unloading area - ISSA*
US Postal Service	*San Bruno, CA*	*Storage - ISSA*
DOD Security Division	*Cerritos, CA*	*Use of pistol range - ISSA*
State Department	*Los Angeles, CA*	*Use of pistol range - ISSA*
US Secret Service	*Los Angeles, CA*	*Use of pistol range - ISSA*
US Custom Service	*Terminal Is, CA*	*Use of pistol range - ISSA*
Department of Commerce	*Long Beach, CA*	*Use of pistol range - ISSA*
Department of Energy	*Oak Ridge, TN*	*Calibration services - ISSA*
Department of Justice	*San Pedro, CA*	*Use of pistol range - ISSA*
Department of Interior	*Washington, DC*	*Administrative space - ISSA*
CA Fish & Game Dept	*Long Beach, CA*	*Use of pistol range - ISSA*
Library of Congress	*Washington, DC*	*Administrative space - ISSA*
Dept of Health Services	*Los Angeles, CA*	*Use of pistol range - ISSA*
CA Department of Justice	*Los Angeles, CA*	*Use of pistol range - ISSA*
City of Westminister	*Westminister, CA*	*Use of pistol range - ISSA*
Dept of Agriculture	*Los Angeles, CA*	*Use of pistol range - ISSA*
City of Seal Beach	*Seal Beach, CA*	*Use of pistol range - ISSA*
CA Highway Patrol	*Westminister, CA*	*Use of pistol range - ISSA*
CA Medical Drug Unit	*Sacramento, CA*	*Use of pistol range - ISSA*
Marshal Los Angeles Co.	*Los Angeles, CA*	*Use of pistol range - ISSA*
CA Youth Authority	*Glendale, CA*	*Use of pistol range - ISSA*
Orange County Fire	*Westminister, CA*	*Mutual support fire services - ISSA*
City of Huntington Beach	*Huntington Beach, CA*	*Mutual support fire services - ISSA*
City of Signal Hill	*Signal Hill, CA*	*Use of pistol range - ISSA*
Naval Investigative Ser	*Long Beach, CA*	*Use of pistol range - ISSA*
Long Beach Naval Shipyard	*Long Beach, CA*	*Tug service/Use of pistol range - ISSA*
NS Long Beach	*Long Beach, CA*	*Family housing support - ISSA*
South Coast AQMD	*El Monte, CA*	*Real property support - ISSA*

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.)

Note: The following Special Area maps and photos are being provided by:

AD - Fallbrook Annex - Naval Ordnance Center, Pacific Division, Fallbrook Detachment (UIC 00396)
AE - Corona Annex - Naval Warfare Assessment Division (UIC 64267)
PH - Port Hadlock Annex - Naval Ordnance Center, Pacific Division, Port Hadlock Detachment (UIC 32013)

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

BRAC-95 DATA CALL #1 WPNSTA SEAL BEACH UIC=60701

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)

Signature

COMMANDER
Title

18 Feb 94
Date

Naval Ordnance Center, Pacific Division
Activity

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)

Signature

COMMANDER
Title

23 FEB 94
Date

NAVAL ORDNANCE CENTER
Activity

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)

Signature

Commander
Title

2/24/94
Date

Naval Sea Systems 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)

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

Signature

Acting
Title

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

R. E. TANNER	R. E. Tanner
NAME (Please type or print)	Signature
COMMANDING OFFICER	18 Feb 94
Title	Date
Naval Weapons Station Seal Beach	
Activity	

BRAC DATA CALL 1 REVISIONS
WPNSTA Seal Beach

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)

J. C. DEVLIN, CAPT, USN
NAME (Please type or print)

Signature

Commander
Title

24 Oct 94
Date

NAVORDCEN PACDIV
Activity

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)

Signature

COMMANDER
Title

7 NOV 94
Date

NAVAL ORDNANCE CENTER
Activity

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)

Signature

G. R. STERNER
Title
Commander
Naval Sea Systems Command

11/8/94
Date

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)

Signature

Title

12/2/94
Date

R

BRAC-95 CERTIFICATION

REVISED DATA CALL WORK SHEET FOR INSTALLATION DATA - DATA CALL 1

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."

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

ACTIVITY COMMANDER

J. F. STEADLEY
NAME (Please type or print)

Signature

Commanding Officer
Title

21 Oct 94
Date

Naval Weapons Station Seal Beach
Activity

105

Revised Data Call

14 May 1994

CAPACITY DATA CALL

NAVAL WEAPONS STATIONS, NAVAL MAGAZINEs, and STRATEGIC MISSILE FACILITIES

Questions for the Activities

Category	....	**Industrial Activities**
Sub-Category	....	**Naval Weapons Stations,**
	....	**Naval Magazines,** and
	....	**Strategic Weapons Facilities**
Claimants	....	**COMNAVSEASYSCOM** - Naval Weapons Stations
	....	**CINCPACFLT** - Naval Magazines (on U.S. territory)
	....	**DIRSSP** - Strategic Missile Facilities

Encl (1)

Revised

Naval Weapons Stations, Magazines, and Strategic Weapons Facilities
Capacity Data Call **Notes**:

1. Base your responses for FY 1994 and previous years on executed workload, and for FY 1995 and subsequent years on workload as programmed. Unless otherwise specified, use workload mixes as programmed. In estimating projected workload capabilities, use the Activity's configuration as of completion of implementation of the BRAC-88/91/93 actions.

2. Report Direct Labor Man Hours (DLMHs) in thousands of Man Hours, to the nearest tenth, e.g. 32.2 K DLMHs. Use single shift operations (1-8-5) as the basis for your calculations. Report in specified units of throughput and Direct Labor Man Hours (DLMHs). Please identify any processes which, under normal operations, operate on a different schedule.

3. Utilize the tables provided to answer each question. Answer the questions for all of the commodity groups that are applicable to your activity.

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.

If any responses are classified, so annotate that question and attach a separate classified annex.

For purposes of this Data Call, Ordnance is grouped as follows:
Notes:

ORDNANCE COMMODITY TYPES
Mines
Torpedoes
Air Launched Threat
Surface Launched Threat
Other Threat
Expendables

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 Departm activities by Commodity Groups for further assessment. incorporated into this Data Call. If your activity performs include such workload and so annotate your Data Call respon

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

COMMODITY GROUPS LIST (CON'T)

11. **Sea Systems**
    Ships
    Weapons Systems

12. Software
    Tactical Systems
    Support Equipment

13. Special Interest Items
    Bearings Refurbishment
    Calibration (Type I)
    TMDE

14. **Other**

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 Major Owner / Operator:

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

Table of Acronyms

ACE	Acquisition Cost of Equipment
AICUZ	Air Installations Compatibility Use Zone
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GPB	General Purpose Bombs
GPD	Gallons Per Day
HE	High Explosive
HERF	Hazardous Electronic Radiation - Fuel
HERP	Hazardous Electronic Radiation - Personnel
HERO	Hazardous Electronic Radiation - Ordnance
IM	Intermediate Maintenance
IPE	Industrial Plant Equipment
ISE	In Service Engineering
JCSG-DM	Joint Cross Service Group - Depot Maintenance
KSF	Thousands of Square Feet
KVA	Kilo Volt-Ampere
LOE	Level Of Effort
MILCON	Military Construction
MLLW	Mean Low Low Water
MLRS	Multiple Launch Rocket System
MM	Milimeter
MOMAG	Mobile Mine Assembly Group
MRP	Maintenance of Real Property
NAVMAG	Naval Magazine
NA	Not Available (R
N/A	Not Applicable (R
NEW	Net Explosive Weight
OOS	Out Of Service
ORD	Ordnance
ORDCEN	Ordnance Center
PACDIV	Pacific Division
PADs	Propellant Actuated Devices
PH&T	Packaging, Handling, Storage and Transportation
PSI	Pounds Per Square Inch
Pyro	Pyrotechnics
RSSI	Receipt, Segregation, Stowage and Issue
SF	Square Feet
SMCA	Single Manager Conventional Ammunition
SOP	Standard Operating Procedures
Sub	Subsurface
Surf	Surface
SWF	Strategic Weapons Facility
TMDE	Test, Measurement, Diagnostic Equipment
UIC	Unit Identification Code
VERTREP	Vertical Replenishment
WPNSTA	Weapons Station

Revised 18 Jun 94

Activity: N60701

CAPACITY DATA CALL
Weapons Stations, Naval Magazines, and Strategic Missile Facilities

Questions for the Activities:

Primary Activity UIC: N60701

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** (R

Ammunition / Ordnance Commodity Type	Units in Inventory (items)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990*	FY 1991*	FY 1992*	FY 1993
Mines	NA	NA	NA	NA	0	4	6	9
Torpedoes	NA	NA	NA	NA	450	500	668	651
Air Launched Threat	NA	NA	NA	NA	6999	7626	8595	49
Surface Launched Threat	NA	NA	NA	NA	6304	7024	7898	1375
Other Threat	NA	NA	NA	NA	726	870	1057	176
Expendables	NA	NA	NA	NA	313120	347132	371875	324980
INERT	NA	NA	NA	NA	2300K	2150K	1950K	1705K
CADs/PADs	NA	NA	NA	NA	962K	1268K	1690K	1919K
Strategic Nuclear	-	-	-	-	-	-	-	-
Tactical Nuclear	-	-	-	-	-	-	-	-
LOE: Rockets	NA	NA	NA	NA	8700	8600	9100	3856
LOE: Bombs	NA	NA	NA	NA	9975	8550	6674	2026
LOE: Gun Ammo (20mm-16")	NA	NA	NA	NA	8849K	9804K	10907K	1773K
LOE: Small Arms (up to 50 cal.)	NA	NA	NA	NA	36000K	39800K	44300K	15085K

Revised 18 Jun 94

Activity: N60701

Ammunition / Ordnance Commodity Type	Units in Inventory (items)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990*	FY 1991*	FY 1992*	FY 1993
LOE: Pyro/Demo	NA	NA	NA	NA	657534	708287	729115	676050
Grenades/Mortars/Projectiles	NA	NA	NA	NA	1900K	1910K	1962K	350179
Explosive Components	NA	NA	NA	NA	NA	NA	NA	355278

* Includes NAVORDCEN PACDIV Fallbrook Detachment (N00396) which was part of WPNSTA Seal Beach until Oct 93.

Revised 18 Jun 94

1. **Inventory, continued**

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

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	8	206	405	604	604	604	604	604
Torpedoes	324	645	967	1289	1289	1289	1289	1289
Air Launched Threat	38	122	207	291	291	291	291	291
Surface Launched Threat	1873	1889	1904	1920	1920	1920	1920	1920
Other Threat	230	356	287	316	316	316	316	316
Expendables	186745	192155	197566	202976	202976	202976	202976	202976
INERT	1765K	1770K	1775K	1780K	1780K	1780K	1780K	1780K
CADs/PADs	1695K	1727K	1758K	1790K	1790K	1790K	1790K	1790K
Strategic Nuclear	-	-	-	-	-	-	-	-
Tactical Nuclear	-	-	-	-	-	-	-	-
LOE: Rockets	3218	3996	4773	5551	5551	5551	5551	5551
LOE: Bombs	1072	1072	1072	1072	1072	1072	1072	1072
LOE: Gun Ammo (20mm-16")	1532K	1864K	2197K	2529K	2529K	2529K	2529K	2529K
LOE: Small Arms (up to 50 cal.)	15106K	19724K	24342K	28960K	28960K	28960K	28960K	28960K
LOE: Pyro/Demo	560231	763865	967499	1171K	1171K	1171K	1171K	1171K
Grenades/Mortars/Projectiles	340947	400678	460408	520139	520139	520139	520139	520139
Explosive Components	310961	323317	335672	348028	348028	348028	348028	348028

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. (R

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

Ammunition / Ordnance Commodity Type	Present Stowage Capability*	Maximum Stowage Capability
Mines	604	604
Torpedoes	1289	1289
Air Launched Threat	291	291
Surface Launched Threat	1920	**2532
Other Threat	316	**649
Expendables	202976	202976
INERT	1780168	1780168
CADs/PADs	1789536	1789536
Strategic Nuclear	-	-
Tactical Nuclear	-	-
LOE: Rockets	5551	5551
LOE: Bombs	1072	1072
LOE: Gun Ammo (20mm-16")	2529079	2529079
LOE: Small Arms (up to 50 cal.)	28959516	28959516
LOE: Pyro/Demo	1171133	1171133
Grenades / Mortars / Projectiles	520139	520139
Explosive Components	348028	348028

* Same as FY97 Predicted Inventory.

** Quantity Increase by Missile Magazine MILCONs (P-134,137,181 and191)

Revised 18 Jun 94

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**

Site: Seal Beach

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
43	487.7	7000	696.7	10000	696.7	10000
50	92.7	10000	92.7	10000	92.7	10000
82	(1)		(1)	48	(1)	48
84	(1)		(1)	48	(1)	48
96	(1)		(1)	16	(1)	16
10	(1)		(1)	16	(1)	16
318	(1)		(1)	16	(1)	16
426	(1)		(1)	16	(1)	16
427	(1)		(1)	16	(1)	16
428	(1)		(1)	16	(1)	16
429	(1)		(1)	16	(1)	16
430	(1)		(1)	16	(1)	16

Activity: N60701

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
431	(1)		(1)	16	(1)	16
456	(1)		(1)	16	(1)	16
601	44.0	2400	110.0	6000	103.2	6000
602	92.5	4500	123.3	6000	115.7	6000
603	4.9	690	30.6	6000	30.6	6000
604	41.8	1500	167.2	6000	156.9	6000
605	6.7	780	51.5	6000	48.3	6000
606	18.5	3360	33.0	6000	31.0	6000
607	139.3	3120	268.0	6000	251.5	6000
608	90.7	2100	259.1	6000	243.2	6000
609	24.7	2700	54.8	6000	51.5	6000
610	109.5	2760	238.0	6000	223.4	6000
611	39.6	2100	113.1	6000	106.1	6000
612	123.8	2880	257.9	6000	242.0	6000
613	79.1	5460	86.9	6000	81.5	6000
614	57.7	5460	63.4	6000	59.5	6000
615	46.3	5700	48.7	6000	45.7	6000
616 (2)	22.1	6000	270.0	6000	253.4	6000
617	177.4	3960	268.7	6000	252.2	6000
618	196.2	4860	242.2	6000	227.3	6000

Activity: N60701

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
619	146.3	4200	209.0	6000	196.1	6000
620	431.6	3300	784.7	6000	736.5	6000
621	74.7	4200	106.7	6000	100.1	6000
622	10.7	2760	71.3	6000	66.9	6000
623	125.5	3480	216.3	6000	203.0	6000
624	44.2	3180	83.3	6000	78.2	6000
625	197.0	4980	237.3	6000	222.7	6000
626	64.4	5880	65.7	6000	61.6	6000
627	177.3	4260	249.7	6000	234.3	6000
628	12.5	120	625.0	6000	586.6	6000
629	6.2	120	310.0	6000	290.9	6000
630	21.0	2000	63.6	6000	59.7	6000
631	157.3	3180	296.7	6000	278.5	6000
632	20.9	2880	43.5	6000	40.8	6000
633	43.0	2160	119.4	6000	112.1	6000
634	160.5	4680	205.7	6000	193.1	6000
635	18.6	2160	51.6	6000	48.4	6000
636	18.3	3600	30.5	6000	28.6	6000
637	64.0	2760	139.1	6000	130.5	6000
638	150.2	2700	333.7	6000	313.2	6000

Activity: N60701

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
639	68.5	2160	190.2	6000	178.5	6000
640	135.6	3600	226.0	6000	212.1	6000
641	39.1	4200	55.8	6000	52.4	6000
642	101.1	5460	111.0	6000	104.2	6000
643	145.1	3900	223.2	6000	209.5	6000
644	63.0	1980	190.9	6000	179.1	6000
645	48.7	3060	190.9	6000	179.1	6000
646	83.9	3300	152.5	6000	152.5	6000
647	56.9	3660	152.5	6000	152.5	6000
648	189.8	4860	234.3	6000	219.9	6000
649	57.7	3360	103.0	6000	96.7	6000
650	150.4	2500	300.8	5000	213.0	5000
651	189.8	4250	300.8	5000	213.0	5000
652	131.4	3250	202.1	5000	161.6	5000
653	167.1	4250	202.1	5000	161.6	5000
654	63.6	2500	217.0	5000	135.0	5000
655	168.0	3750	202.1	5000	161.6	5000
656	150.0	4000	300.8	5000	213.0	5000
657	162.4	4250	191.0	5000	163.7	5000
658	277.6	5000	300.8	5000	213.0	5000

Activity: N60701

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
659	157.0	4500	202.1	5000	161.6	5000
660	164.6	4000	202.1	5000	161.6	5000
661	116.9	3000	202.1	5000	161.6	5000
662	106.5	4000	300.8	5000	213.0	5000
663	141.9	3750	201.1	5000	161.6	5000
664	196.0	4500	217.0	5000	135.0	5000
801	6.5	1600	16.4	2000	15.3	2000
802	18.6	1500	24.8	2000	23.2	2000
803	14.0	1700	16.4	2000	15.3	2000
804	30.5	1600	38.1	2000	38.1	2000
805	25.5	1500	34.0	2000	34.0	2000
806	.9	1000	16.4	2000	15.3	2000
807	5.7	1600	7.1	2000	6.6	2000
808	40.1	1800	44.5	2000	39.0	2000
809	36.1	700	42.4	2000	37.2	2000
810	39.3	1700	46.2	2000	46.2	2000
811	(1)	140	(1)	140	(1)	140
812	(1)	140	(1)	140	(1)	140
813	(1)	140	(1)	140	(1)	140
814	(1)	140	(1)	140	(1)	140

Activity: N60701

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
815	0.0	4.2	0.2	140	0.2	140
816	0.0	0	0.2	140	0.2	140
817	0.1	4.2	0.2	140	0.2	140
818	0.2	70	0.2	140	0.2	140
819	0.1	28	0.2	140	0.2	140
820	0.0	0	0.2	140	0.2	140
821	0.1	46.2	0.2	140	0.2	140
822	1.2	153	1.5	204	1.5	204
823	0.1	91.8	1.5	204	1.5	204
824	322.0	6360	402.5	7950	182.9	7950
825	225.0	7155	250.0	7950	164.4	7950
826	277.0	5565	395.7	7950	231.2	7950
827	246.0	5962	328.0	7950	158.7	7950
828	355.3	7950	395.7	7950	231.2	7950
829	314.9	6360	395.7	7950	231.2	7950
830	249.5	7155	328.0	7950	158.7	7950
851	7.5	700	21.4	2000	20.1	2000
852	156.3	4230	173.6	4700	36.1	4700
853	34.4	1800	38.2	2000	35.8	2000
854	39.3	1900	41.3	2000	38.8	2000

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Activity: N60701

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
855	10.4	1300	16.0	2000	16.0	2000
856	12.7	800	31.7	2000	29.8	2000
857	39.3	1200	65.5	2000	61.4	2000
858	20.1	1500	65.5	2000	61.4	2000
859	0.1	63	1.0	140	1.0	140
860	10.2	1300	40.8	2000	38.2	2000
862	0.0	0	65.5	2000	65.5	2000
863	22.5	371	44.1	3375	40.0	3375
864	23.7	1800	26.3	2000	23.0	2000
865	52.8	3850	120.2	8750	105.0	8750
880	28.1	1500	37.4	2000	35.1	2000
881	0.0	0	37.4	2000	35.1	2000
882	54.5	1900	57.3	2000	53.8	2000
883	28.3	1600	35.3	2000	33.2	2000
884	17.1	1000	35.4	2000	33.2	2000
910	142.7	5000	142.7	5000	142.7	5000
911	164.2	5000	164.2	5000	164.2	5000
MCON(3)			617.3	79126			(R
TOTAL This Site	10,244.9	335,948.4	17,756.0	602,945.0	14,362.9	523,819.0	(R

13R 31 Aug 94

Activity: N60701

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM STOWAGE CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
855	10.4	1300	16.0	2000	16.0	2000
856	12.7	800	31.7	2000	29.8	2000
857	39.3	1200	65.5	2000	61.4	2000
858	20.1	1500	65.5	2000	61.4	2000
859	0.1	63	1.0	140	1.0	140
860	10.2	1300	40.8	2000	38.2	2000
862	0.0	0	65.5	2000	65.5	2000
863	22.5	371	44.1	3375	40.0	3375
864	23.7	1800	26.3	2000	23.0	2000
865	52.8	3850	120.2	8750	105.0	8750
880	28.1	1500	37.4	2000	35.1	2000
881	0.0	0	37.4	2000	35.1	2000
882	54.5	1900	57.3	2000	53.8	2000
883	28.3	1600	35.3	2000	33.2	2000
884	17.1	1000	35.4	2000	33.2	2000
910	142.7	5000	142.7	5000	142.7	5000
911	164.2	5000	164.2	5000	164.2	5000
TOTAL This Site	10,244.9	335,948.4	17,138.7	523,819.0	14,362.9	523,819.0

(R

NOTE: (1) Facility outgranted for other than Ordnance/

NOTE: (1) Facility outgranted for other than Ordnance/ Ammunition Storage.

(2) Facility currently utilized for Temporary Transfer Depot, predicted utilization for Projectile storage.

(3) Includes MCONs P-134 (1 Type F magazine), P-137 (2 Type M magazines), P-181 (2 Type M magazines) and P-191 (3 Type M magazines).

Ammunition Storage.

(2) Facility currently utilized for Temporary Transfer Depot, predicted utilization for Projectile storage.

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.	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
43/KEYPORT	1.4	1M	Y	N	
50/BOX	1.4	1M	Y	N	
82/KEYPORT	1.3	1K	Y	N	
84/KEYPORT	1.3	1K	Y	N	
96/KEYPORT	1.1	96K	Y	N	
104/KEYPORT	(1)		N	N	
318/KEYPORT	(2)		Y	N	
426/KEYPORT	1.3	4K	Y	N	
427/KEYPORT	1.3	4K	Y	N	
428/KEYPORT	1.1	1K	Y	N	
429/KEYPORT	1.1	2K	Y	N	
430/KEYPORT	1.1	4K	Y	N	
431/KEYPORT	1.1	4K	Y	N	
456/KEYPORT	(1)		N	N	

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
601/IGLOO	1.3	1M	Y	N	
602/IGLOO	1.3	1M	Y	N	
603/IGLOO	1.3	1M	Y	N	
604/IGLOO	1.3	1M	Y	N	
605/IGLOO	1.3	1M	Y	N	
606/IGLOO	1.3	1M	Y	N	
607/IGLOO	1.3	1M	Y	N	
608/IGLOO	1.3	1M	Y	N	
609/IGLOO	1.2 (08)	1M	Y	N	
610/IGLOO	1.2 (12)	500K	Y	N	
611/IGLOO	1.2 (12)	500K	Y	N	
612/IGLOO	1.2 (12)	500K	Y	N	
613/IGLOO	1.1	120K	Y	N	
614/IGLOO	1.1	120K	Y	N	
615/IGLOO	1.1	120K	Y	N	
616/IGLOO	1.1	120K	Y	N	
617IGLOO	1.2 (08)	1M	Y	N	
618/IGLOO	1.1	95K	Y	N	
619/IGLOO	1.1	130K	Y	N	
620/IGLOO	1.1	130K	Y	N	

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
621/IGLOO	1.1	130K	Y	N	
622/IGLOO	1.1	140K	Y	N	
623/IGLOO	1.1	150K	Y	N	
624/IGLOO	1.1	150K	Y	N	
625/IGLOO	1.2 (08)	1M	Y	N	
626/IGLOO	1.1	85K	Y	N	
627/IGLOO	1.1	125K	Y	N	
628/IGLOO	1.1	160K	Y	N	
629/IGLOO	1.1	160K	Y	N	
630/IGLOO	1.1	180K	Y	N	
631/IGLOO	1.1	180K	Y	N	
632/IGLOO	1.1	180K	Y	N	
633/IGLOO	1.2 (08)	1M	Y	N	
634/IGLOO	1.1	85K	Y	N	
635/IGLOO	1.1	125K	Y	N	
636/IGLOO	1.1	170K	Y	N	
637/IGLOO	1.1	190K	Y	N	
638/IGLOO	1.1	200K	Y	N	
639/IGLOO	1.1	200K	Y	N	
640/IGLOO	1.1	200K	Y	N	

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
641/IGLOO	1.2 (08)	1M	Y	N	
642/IGLOO	1.1	85K	Y	N	
643/IGLOO	1.1	125K	Y	N	
644/IGLOO	1.1	160K	Y	N	
645/IGLOO	1.1	200K	Y	N	
646/IGLOO	1.1	225K	Y	N	
647/IGLOO	1.1	225K	Y	N	
648/IGLOO	1.1	225K	Y	N	
649/IGLOO	1.2 (08)	1M	Y	N	
650/BOX	1.1	85K	Y	N	
651/BOX	1.1	125K	Y	N	
652/BOX	1.1	170K	Y	N	
653/BOX	1.1	200K	Y	N	
654/BOX	1.1	250K	Y	N	
655/BOX	1.1	325K	Y	N	
656/BOX	1.1	325K	Y	N	
657/BOX	1.2 (08)	1M	Y	N	
658/BOX	1.1	85K	Y	N	
659/BOX	1.1	130K	Y	N	
660/BOX	1.1	160K	Y	N	

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
661/BOX	1.1	200K	Y	N	
662/BOX	1.1	250K	Y	N	
663/BOX	1.1	350K	Y	N	
664/BOX	1.1	450K	Y	N	
801/IGLOO	1.2 (04)	1M	Y	N	
802/IGLOO	1.1	50K	Y	N	
803/IGLOO	1.1	120K	Y	N	
804/IGLOO	1.1	130K	Y	N	
805/IGLOO	1.1	130K	Y	N	
806/IGLOO	1.2 (04)	1M	Y	N	
807/IGLOO	1.1	50K	Y	N	
808/IGLOO	1.1	120K	Y	N	
809/IGLOO	1.1	175K	Y	N	
810/IGLOO	1.1	140K	Y	N	
811/KEYPORT	1.2 (04)	1M	Y	N	
812/KEYPORT	1.2 (04)	1M	Y	N	
813/KEYPORT	1.2 (04)	1M	Y	N	
814/KEYPORT	1.2 (04)	1M	Y	N	
815/KEYPORT	1.2 (12)	15K	Y	N	
816/KEYPORT	1.1	15K	Y	N	

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
817/KEYPORT	1.1	15K	Y	N	
818/KEYPORT	1.1	15K	Y	N	
819/KEYPORT	1.1	15K	Y	N	
820/KEYPORT	1.1	15K	Y	N	
821/KEYPORT	1.1	15K	Y	N	
822/KEYPORT	1.1	20K	Y	N	
823/KEYPORT	1.1	20K	Y	N	
824/MISSILE	1.2 (08)	1M	Y	N	
825/MISSILE	1.1	85K	Y	N	
826/MISSILE	1.1	100K	Y	N	
827/MISSILE	1.1	100K	Y	N	
828/MISSILE	1.1	85K	Y	N	
829/MISSILE	1.1	100K	Y	N	
830/MISSILE	1.1	100K	Y	N	
851/IGLOO	1.2 (04)	300K	Y	N	
852/IGLOO	1.2 (08)	300K	Y	N	
853/IGLOO	1.1	45K	Y	N	
854/IGLOO	1.1	95K	Y	N	
855/IGLOO	1.1	140K	Y	N	
856/IGLOO	1.1	150K	Y	N	

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated N.E.W.	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
857/IGLOO	1.1	175K	Y	N	
858/IGLOO	1.1	190K	Y	N	
859/KEYPORT	1.1	60K	Y	N	
860/IGLOO	1.1	50K	Y	N	
862/IGLOO	1.2 (04)	1M	Y	N	
863/KEYPORT	1.2 (08)	5K	Y	N	
864/IGLOO	1.1	50K	Y	N	
865/KEYPORT	1.2 (04)	1M	Y	N	
880/IGLOO	1.1	170K	Y	N	
881/IGLOO	1.1	175K	Y	N	
882/IGLOO	1.1	120K	Y	N	
883/IGLOO	1.1	120K	Y	N	
884/IGLOO	1.1	140K	Y	N	
910/MISSILE	1.1	55K	Y	N	
911/MISSILE	1.1	55K	Y	N	

NOTE: (1) Unacceptable for Explosive Storage.
(2) Consider as part of the wharf.

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.).

Calculations made in Table 2.2 were made as follows:

Present Inventory - as reported on 8023 Report as of 30 March 1994.

Predicted Inventory FY 2001 - Based on station load plan and other known requirements.

Maximum Stowage Capability - Based on Stow Diagrams presented in the NAVSEA Inst 8024.2.

MILCON: FY94 - complete construction of P-134, one type F missile magazine which equals 7950 square feet. FY98 - complete construction of P-137, two type M missile magazines which equals 20,336 square feet.

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).

None

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

Activity: N60701

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** (R

Munitions Type	Throughput Requirement (tons/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE	20	42	84
Threat	120	238	476
Nuclear Threat	-	-	-
Other	0	0	0

Table 3.1.b: **Over-The-Pier Throughput Requirements** (R

Munitions Type	Throughput Requirement (units/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE	N/A	N/A	N/A
Threat	60	120	240
Nuclear Threat	-	-	-
Other	N/A	N/A	N/A

Additional comments: Peacetime operations based on FY93 actual data. Mobilization based on a 12 hour workday, i.e. additional hires and reservists not available during initial mobilization. Sustainment based on around the clock operations, i.e. additional hires and reservists available.

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** (R

Munitions Type	Throughput Requirement (tons/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE	45	42	84
Threat	96	238	476
Nuclear Threat	-	-	-
Other	0	0	0

Table 3.1.b: **Over-The-Pier Throughput Requirements** (R

Munitions Type	Throughput Requirement (units/day)		
	Peacetime Operations	Mobilization	Sustainment
LOE	N/A	N/A	N/A
Threat	60	238	476
Nuclear Threat	-	-	-
Other	N/A	N/A	N/A

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 (PER ACTIVE DAY)** (R

		PIER	VERTREP	RAIL	TRUCK
Maximum Rated Capability	LOE	28	93	113	113
	Threat	159	0	20	20
	Nuclear Threat	-	-	-	-
	Other	0	0	0	0
Requirement (Peacetime Operations)	LOE	20	0	0	37.2
	Threat	120	0	0	6.6
	Nuclear Threat	-	-	-	-
	Other	0	0		0
Requirement (Mobilization)*	LOE	42	140	170	170
	Threat	238	0	30	30
	Nuclear Threat	-	-	-	-
	Other	0	0	0	0

Additional comments: Peacetime operations based on FY93 actual data. Mobilization based on a 12 hour workday, i.e. additional hires and reservists not available during initial mobilization. Sustainment based on around the clock operations, i.e. additional hires and reservists available. **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 (PER ACTIVE DAY)** (R

		PIER	VERTREP	RAIL	TRUCK
Maximum Rated Capability	LOE	28	93	113	113
1-8-5	Threat	159	0	20	20
	Nuclear Threat	-	-	-	-
	Other	0	0	0	0
Requirement (Peacetime Operations)	LOE	45	0	0	37.2
1-8-5	Threat	96	0	0	6.6
	Nuclear Threat	-	-	-	-
	Other	0	0		0
Requirement (Mobilization)*	LOE	42	140	170	170
1-12-7	Threat	238	0	30	30

Requirement (Sustainment)*	LOE	84	280	340	340
	Threat	476	0	60	60
	Nuclear Threat	-	-	-	-
	Other	0	0	0	0

* 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".

Additional comments: Data given in throughput per active day. Maximum rated capacity base on 40 hour, 1-8-5, work week schedule. Mobilization based on a 12 hour workday, i.e. additional hires and reservists not available during initial mobilization. Sustainment based on around the clock operations, ie. additional hires and reservists available.

	Nuclear Threat	-	-	-	-
	Other	0	0	0	0
Requirement (Sustainment)* 2-12-7	LOE	84	280	340	340
	Threat	476	0	60	60
	Nuclear Threat	-	-	-	-
	Other	0	0	0	0

* 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".

Additional comments: Data given in throughput per active day. Maximum rated capacity base on 40 hour, 1-8-5, work week schedule. Mobilization based on a 12 hour workday, i.e. additional hires and reservists not available during initial mobilization. Sustainment based on around the clock operations, ie. additional hires and reservists available.

3. **Throughput, continued**

Table 3.2.b: **Historic and Predicted Throughput in Tons** (R

		PIER	VERTREP	RAIL	TRUCK
FY 1986 (Executed)	LOE	NA	NA	NA	NA
	Threat	NA	NA	NA	NA
	Nuclear Threat	-	-	-	-
	Other	NA	NA	NA	NA
FY 1991 (Executed)	LOE	4372	0	0	14467
	Threat	13118	0	0	2553
	Nuclear Threat	-	-	-	-
	Other	0	0	0	0
FY 1994 (Executed)	LOE	1980	0	0	9008
	Threat	11218	0	0	1590
	Nuclear Threat	-	-	-	-
	Other	0	0	0	0

NOTE: Data not available past FY88. FY94 data based on actuals through 4/94 and prorated through the FY.

3. Throughput, continued

Table 3.2.b: **Historic and Predicted Throughput in Tons** (R

		PIER	VERTREP	RAIL	TRUCK
FY 1986 (Executed)	LOE	NA	NA	NA	NA
	Threat	NA	NA	NA	NA
	Nuclear Threat	-	-	-	-
	Other	NA	NA	NA	NA
FY 1991 (Executed)	LOE	4372	0	0	14467
	Threat	13118	0	0	2553
	Nuclear Threat	-	-	-	-
	Other	0	0	0	0
FY 1994 (Executed)	LOE	1980	0	0	5971
	Threat	11218	0	0	1054
	Nuclear Threat	-	-	-	-
	Other	0	0	0	0

NOTE: Data not available past FY88. FY94 data based on actuals through 4/94 and prorated through the FY.

3. Throughput, continued

Table 3.2.c: **Historic and Predicted Throughput in Tons** (R

		PIER	VERTREP	RAIL	TRUCK
FY 1997 (Programmed)	LOE	2290	0	0	8799
	Threat	12974	0	0	1553
	Nuclear Threat	-	-	-	-
	Other	0	0	0	0
FY 2001 (Programmed)	LOE	2366	0	0	9875
	Threat	13406	0	0	1743
	Nuclear Threat	-	-	-	-
	Other	0	0	0	0
FY: 1994 Minimum Outload Workload	LOE	1980	0	0	9008
	Threat	11218	0	0	1590
	Nuclear Threat	-	-	-	-
	Other	0	0	0	0
FY: 1991 Maximum Outload Workload	LOE	4372	0	0	14467
	Threat	13118	0	0	2553
	Nuclear Threat	-	-	-	-
	Other	0	0	0	0

Note: FY 2001 data based on 1998 model projection, last year available.

3. Throughput, continued

Table 3.2.c: **Historic and Predicted Throughput in Tons** (R

		PIER	VERTREP	RAIL	TRUCK
FY 1997 (Programmed)	LOE	2290	0	0	8799
	Threat	12974	0	0	1553
	Nuclear Threat	-	-	-	-
	Other	0	0	0	0
FY 2001 (Programmed)	LOE	2366	0	0	9875
	Threat	13406	0	0	1743
	Nuclear Threat	-	-	-	-
	Other	0	0	0	0
FY: 1994 Minimum Outload Workload	LOE	1980	0	0	5971
	Threat	11218	0	0	1054
	Nuclear Threat	-	-	-	-
	Other	0	0	0	0
FY: 1991 Maximum Outload Workload	LOE	4372	0	0	14467
	Threat	13118	0	0	2553
	Nuclear Threat	-	-	-	-

	Other	0	0	0	0

Note: FY 2001 data based on 1998 model projection, last year available.

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** (R

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 /CVN	NA	NA	0	0	0	0	0	0
	Other	NA	NA	17597	14193	12837	9360	9709	7547
Navy Bulk (AE, AOE, AOR, etc.)		NA	NA	85	27	19	40	42	28
Navy Amphibious Ships		NA	NA	1759	3759	4253	8090	9234	2752
Other Break Bulk		NA	NA	0	0	0	0	0	0
Container Ship		NA	NA	0	0	0	0	0	0

3. Throughput, continued

Table 3.3.b: **Historic/Programmed Ordnance Throughput Capability** (R

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	0	0	0	0	0	0	0
	Other	8972	10480	10106	9804	10319	10319	10319	10319
Navy Bulk (AE, AOE, AOR, etc.)		657	0	0	0	0	0	0	0
Navy Amphibious Ships		3569	5882	5565	5460	5453	5453	5453	5453
Other Break Bulk		0	0	0	0	0	0	0	0
Container Ship		0	0	0	0	0	0	0	0

Note: Last forecast year available is FY98. BSAT directed WPNSTA to project through FY2001.

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** (R

Type of Ship		Short Tons Throughput (PER ACTIVE DAY)						
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Combatants	CV / CVN	0	0	0	0	0	0	0
	Other	280	280	280	280	280	280	280
Navy Bulk (AE, AOE, AOR, etc.)		500	500	500	500	500	500	500
Navy Amphibious Ships		320	320	320	320	320	320	320
Other Break Bulk		0	0	0	0	0	0	0
Container Ship		0	0	0	0	0	0	0

(R

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** (R

Type of Ship		Short Tons Throughput (PER ACTIVE DAY)						
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Combatants	CV / CVN	0	0	0	0	0	0	0
	Other	282	282	282	282	282	282	282
Navy Bulk (AE, AOE, AOR, etc.)		500	500	500	500	500	500	500
Navy Amphibious Ships		320	320	320	320	320	320	320
Other Break Bulk		0	0	0	0	0	0	0
Container Ship		0	0	0	0	0	0	0

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** (R

Type of Ship		Short Tons Throughput (PER ACTIVE DAY)						
		FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Combatants	CV / CVN	0	0	0	0	0	0	0
	Other	564	564	564	564	564	564	564
Navy Bulk (AE, AOE, AOR, etc.)		0	0	0	0	0	0	0
Navy Amphibious Ships		0	0	0	0	0	0	0
Other Break Bulk		0	0	0	0	0	0	0
Container Ship		0	0	0	0	0	0	0

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. (R

Calculations based on daily pierside operations (1-8-5) for noted ship types. The totals are mutually exclusive for each ship type. The scenario does not include VERTREP or anchorage operations. No new major equipment or space would be required.

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?

New tractor trailers and a paved holding area would double our capacity to move ordnance to and from the wharf in order to work within our wharf's NEW. The estimated cost is $3.9M, with a payback period of 6 years and a ROI of 15%.

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

None

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 identified at this time.

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. (R

Calculations based on pierside operations only with 2 CG47 class ships. The scenario does not include VERTREP or anchorage operations. No new major equipment or space would be required.

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?

New tractor trailers and a paved holding area would double our capacity to move ordnance to and from the wharf in order to work within our wharf's NEW. The estimated cost is $3.9M, with a payback period of 6 years and a ROI of 15%.

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

None

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 identified at this time.

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** (R

Ordnance Type	Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	0	0	0	0	0	0	0	0
Torpedoes(D)*	146	127	45	84	144	204	178	100
Torpedoes(I)	925	925	925	925	921	774	746	700
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat(D)	0	0	37	273	249	493	427	362 R 10/14/94
Surface Launched Threat(I)	3180	3356	2708	2061	3418	2678	3367	2840 R 10/14/9
Other Threat (TOMAHAWK)	514	514	514	514	514	597	672	700
Expendables	0	0	0	0	0	0	0	0
INERT (CONTAINERS/ CANISTERS)	8300	8300	8300	8344	7144	4903	8472	7085
CADs/PADs	0	0	0	0	0	0	0	0
Strategic Nuclear	-	-	-	-	-	-	-	-
Tactical Nuclear	-	-	-	-	-	-	-	-
LOE: Rockets	NA	NA	NA	NA	NA	1025	400	110
LOE: Bombs	NA	NA	NA	NA	NA	50	215	992
LOE: Gun Ammo (20mm-16")	NA	NA	NA	5876	0	0	48036	50K
LOE: Small Arms (up to 50 cal)	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	0	0	0	0	0	0	0	0

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** (R

Ordnance Type	Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	0	0	0	0	0	0	0	0
Torpedoes(D)*	146	127	45	84	144	204	178	100
Torpedoes(I)	925	925	925	925	921	774	746	700
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat(D)	2080	2248	1645	1234	2510	2160	2502	1730
Surface Launched Threat(I)	1100	1108	1100	1100	1157	1011	1292	1472
Other Threat (TOMAHAWK)	514	514	514	514	514	597	672	700
Expendables	0	0	0	0	0	0	0	0
INERT (CONTAINERS/ CANISTERS)	8300	8300	8300	8344	7144	4903	8472	7085
CADs/PADs	0	0	0	0	0	0	0	0
Strategic Nuclear	-	-	-	-	-	-	-	-
Tactical Nuclear	-	-	-	-	-	-	-	-
LOE: Rockets	NA	NA	NA	NA	NA	1025	400	110
LOE: Bombs	NA	NA	NA	NA	NA	50	215	992
LOE: Gun Ammo (20mm-16")	NA	NA	NA	5876	0	0	48036	50K
LOE: Small Arms (up to 50 cal)	NA	NA	NA	NA	NA	NA	NA	NA

Activity: N60701

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** (R

Ordnance Type	Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	0	0	0	0	0	0	0	0
Torpedoes(D)*	146	127	45	84	144	204	178	100
Torpedoes(I)	925	925	925	925	921	774	746	700
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat(D)	2080	2248	1645	1234	2510	2160	2502	1730
Surface Launched Threat(I)	1100	1108	1100	1100	1157	1011	1292	1472
Other Threat (TOMAHAWK)	514	514	514	514	514	597	672	700
Expendables	0	0	0	0	0	0	0	0
INERT (CONTAINERS/ CANISTERS)	8300	8300	8300	8344	7144	4903	8472	7085
CADs/PADs	25K	25K	25K	25K	25K	25K	25K	25K
Strategic Nuclear	-	-	-	-	-	-	-	-
Tactical Nuclear	-	-	-	-	-	-	-	-
LOE: Rockets	200	200	200	200	200	200	200	300
LOE: Bombs	800	800	800	800	800	800	800	800
LOE: Gun Ammo (20mm-16")	100K	100K	100K	100K	100K	100K	100K	100K
LOE: Small Arms (up to 50 cal)	10M	10M	10M	10M	10M	10M	10M	10M

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** (R

Ordnance Type	Units Throughput							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	0	0	0	0	0	0	0	0
Torpedoes(D)*	146	127	45	84	144	204	178	100
Torpedoes(I)	925	9252	925	9259	9215	774	746	700
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat(D)	2080	2248	1645	1234	25102	2160	2502	1730
Surface Launched Threat(I)	1100	1108	1100	1100	1157	1011	1292	1472
Other Threat (TOMAHAWK)	514	514	514	514	514	597	672	700
Expendables	0	0	0	0	0	0	0	0
INERT (CONTAINERS/ CANISTERS)	8300	8300	8300	8344	7144	4903	8472	7085
CADs/PADs	25K	25K	25K	25K	25K	25K	25K	25K
Strategic Nuclear	-	-	-	-	-	-	-	-
Tactical Nuclear	-	-	-	-	-	-	-	-
LOE: Rockets	200	200	200	200	200	200	200	300
LOE: Bombs	800	800	800	800	800	800	800	800
LOE: Gun Ammo (20mm-16")	100K	100K	100K	100K	100K	100K	100K	100K

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Ordnance Type	Units Throughput							
LOE: Pyro/Demo	0	0	0	0	0	0	0	0
Grenades/Mortars/ Projectiles	NA	NA	NA	NA	NA	NA	NA	NA
Other (DEMIL)	50K	50K	50K	50K	50K	50K	50K	50K
Total:	63.1K	63.2K	62.5K	68.1K	62.4K	60.7K	112.5 K	112.9 K

*Workload realigned to NUWC Keyport in FY93.

Activity: N60701

Ordnance Type	Units Throughput							
LOE: Pyro/Demo	20K	20K	20K	20K	20K	20K	20K	20K
Grenades/Mortars/ Projectiles	20K	20K	20K	20K	20K	20K	20K	20K
Other (DEMIL)	50K	50K	50K	50K	50K	50K	50K	50K
Total:	10.2M	10.2M	10.2M	10.2M	10.2M	10.2M	10.2M	10.2M

*Workload realigned to NUWC Keyport in FY93.

Activity: N60701

Ordnance Type	Units Throughput							
LOE: Small Arms (up to 50 cal)	10M	10M	10M	10M	10M	10M	10M	10M
LOE: Pyro/Demo	20K	20K	20K	20K	20K	20K	20K	20K
Grenades/Mortars/ Projectiles	20K	20K	20K	20K	20K	20K	20K	20K
Other (DEMIL)	50K	50K	50K	50K	50K	50K	50K	50K
Total:	10.2M	10.2M	10.2M	10.2M	10.2M	10.2M	10.2M	10.2M

*Workload realigned to NUWC Keyport in FY93.

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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	0	0	0	0	0	0	0	0
Torpedoes	0	0	0	0	0	0	0	0
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat(D)	1800	1800	0	0	0	0	0	0
Surface Launched Threat(I)	1482	1352	1316	1287	1300	1300	1300	1300
Other Threat (TOMAHAWK)	720	695	685	685	685	685	685	685
Expendables	0	0	0	0	0	0	0	0
INERT (CONTAINERS/ CANISTERS)	5524	6000	6000	6000	6000	6000	6000	6000
CADs/PADs	25K	25K	25K	25K	25K	25K	25K	25K
Strategic Nuclear	-	-	-	-	-	-	-	-
Tactical Nuclear	-	-	-	-	-	-	-	-
LOE: Rockets	900	900	900	900	900	900	900	900
LOE: Bombs	800	800	800	800	800	800	800	800
LOE: Gun Ammo (20mm-16")	100K	100K	100K	100K	100K	100K	100K	100K
LOE: Small Arms (up to 50 cal)	10M	10M	10M	10M	10M	10M	10M	10M
LOE: Pyro/Demo	20K	20K	20K	20K	20K	20K	20K	20K
Grenades/Mortars/ Projectiles	20K	20K	20K	20K	20K	20K	20K	20K
Other (DEMIL)	50K	50K	50K	50K	50K	50K	50K	50K
Total:	10.2M	10.2M	10.2M	10.2M	10.2M	10.2M	10.2M	10.2M

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R

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4. Maintenance and Testing, continued

Table 4.1.b: **Historic and Predicted Maintenance and Testing Workload** (R

Ordnance Type	Units Throughput							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	0	0	0	0	0	0	0	0
Torpedoes	0	0	0	0	0	0	0	0
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat(D)	164	121	0	0	0	0	0	0
Surface Launched Threat(I)	3018	2851	2716	2687	2700	2700	2700	2700
Other Threat (TOMAHAWK)	720	695	685	685	685	685	685	685
Expendables	0	0	0	0	0	0	0	0
INERT (CONTAINERS/ CANISTERS)	5524	6000	6000	6000	6000	6000	6000	6000
CADs/PADs	25K	25K	25K	25K	25K	25K	25K	25K
Strategic Nuclear	-	-	-	-	-	-	-	-
Tactical Nuclear	-	-	-	-	-	-	-	-
LOE: Rockets	900	900	900	900	900	900	900	900
LOE: Bombs	800	800	800	800	800	800	800	800
LOE: Gun Ammo (20mm-16")	100K	100K	100K	100K	100K	100K	100K	100K
LOE: Small Arms (up to 50 cal)	10M	10M	10M	10M	10M	10M	10M	10M
LOE: Pyro/Demo	20K	20K	20K	20K	20K	20K	20K	20K
Grenades/Mortars/ Projectiles	20K	20K	20K	20K	20K	20K	20K	20K
Other (DEMIL)	50K	50K	50K	50K	50K	50K	50K	50K
Total:	10.2 M	10.2 M	10.2 M	10.2 M	10.2 M	10.2 M	10.2 M	10.2M

R 10/14/9

R 10/14/

4. Maintenance and Testing, continued

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

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	0	0	0	0	0	0	0	0
Torpedoes(D)	1.3K	1.5K	2.1K	3.9K	3.0K	1.7K	.008K	0
Torpedoes(I)	52K	52K	52K	52K	51K	43K	41K	39K
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat(D)	0	0	57.9K	67.2K	44.1K	80.8K	58.5K	62.5 K R 10/14/94
Surface Launched Threat(I)	97.7K	119K	102.6 K	108.3 K	156.2 K	127.4 K	161.9 K	164.4 K R 10/14/94
Other Threat (TOMAHAWK)	21K	21K	21K	21K	21K	24K	27K	28K
Expendables	0	0	0	0	0	0	0	0
INERT (CONTAINERS/ CANISTERS)	50K	50K	50K	50K	50K	50K	50K	50K
CADs/PADs	0	0	0	0	0	0	0	0
LOE: Rockets	NA	NA	NA	NA	3K	3K	3K	3K
LOE: Bombs	NA	NA	NA	NA	NA	3K	3K	3K
LOE: Gun Ammo (20mm-16")	NA	NA	NA	7K	NA	NA	7K	7K
LOE: Small Arms (up to 50 cal)	NA	NA	NA	NA	NA	NA	NA	NA
LOE: Pyro/Demo	0	0	0	0	0	0	0	0
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA	NA
Other (DEMIL)	9K	9K	9K	9K	9K	9K	9K	9K
Total:	231K	252.5 K	294.6 K	318.4 K	337.3 K	341.9 K	360.4 K	365.9 K

4. Maintenance and Testing, continued

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

Ordnance Type	DLMHs								
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	
Mines	0	0	0	0	0	0	0	0	
Torpedoes(D)	1.3K	1.5K	2.1K	3.9K	3.0K	1.7K	.008K	0	(R
Torpedoes(I)	52K	52K	52K	52K	51K	43K	41K	39K	
Air Launched Threat	0	0	0	0	0	0	0	0	
Surface Launched Threat(D)	12.7K	33.7K	75.5K	90.5K	111.3 K	130.2 K	121.4 K	113.9 K	(R
Surface Launched Threat(I)	85K	85K	85K	85K	89K	78K	99K	113K	
Other Threat (TOMAHAWK)	21K	21K	21K	21K	21K	24K	27K	28K	
Expendables	0	0	0	0	0	0	0	0	
INERT (CONTAINERS/ CANISTERS)	50K	50K	50K	50K	50K	50K	50K	50K	
CADs/PADs	0	0	0	0	0	0	0	0	(R
LOE: Rockets	NA	NA	NA	NA	3K	3K	3K	3K	(R
LOE: Bombs	NA	NA	NA	NA	NA	3K	3K	3K	(R
LOE: Gun Ammo (20mm-16")	NA	NA	NA	7K	NA	NA	7K	7K	(R
LOE: Small Arms (up to 50 cal)	NA	NA	NA	NA	NA	NA	NA	NA	(R
LOE: Pyro/Demo	0	0	0	0	0	0	0	0	(R
Grenades / Mortars / Projectiles	NA	NA	NA	NA	NA	NA	NA	NA	(R
Other (DEMIL)	9K	9K	9K	9K	9K	9K	9K	9K	
Total:	231K	252.2 K	294.6 K	318.4 K	344.3 K	348.9 K	360.4 K	365.9 K	(R

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4. Maintenance and Testing, continued

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

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	0	0	0	0	0	0	0	0
Torpedoes(D)	1.3K	1.5K	4.0K	3.9K	3.0K	1.7K	.008K	0
Torpedoes(I)	52K	52K	52K	52K	51K	43K	41K	39K
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat(D)	12.7K	33.7K	65.4K	90.5K	111.3 K	130.2 K	121.4 K	113.9 K
Surface Launched Threat(I)	85K	85K	85K	85K	89K	78K	99K	113K
Other Threat (TOMAHAWK)	21K	21K	21K	21K	21K	24K	27K	28K
Expendables	0	0	0	0	0	0	0	0
INERT (CONTAINERS/ CANISTERS)	50K	50K	50K	50K	50K	50K	50K	50K
CADs/PADs	2K	2K	2K	2K	2K	2K	2K	2K
LOE: Rockets	3K	3K	3K	3K	3K	3K	3K	3K
LOE: Bombs	3K	3K	3K	3K	3K	3K	3K	3K
LOE: Gun Ammo (20mm-16")	7K	7K	7K	7K	7K	7K	7K	7K
LOE: Small Arms (up to 50 cal)	3K	3K	3K	3K	3K	3K	3K	3K
LOE: Pyro/Demo	2K	2K	2K	2K	2K	2K	2K	2K
Grenades / Mortars / Projectiles	2K	2K	2K	2K	2K	2K	2K	2K
Other (DEMIL)	9K	9K	9K	9K	9K	9K	9K	9K
Total:	253.0 K	274.2 K	308.4 K	333.4 K	356.3 K	357.9 K	369.4 K	374.9 K

4. Maintenance and Testing, continued

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

Ordnance Type	DLMHs							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Mines	0	0	0	0	0	0	0	0
Torpedoes(D)	1.3K	1.5K	4.0K	3.9K	3.0K	1.7K	.008K	0
Torpedoes(I)	52K	52K	52K	52K	51K	43K	41K	39K
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat(D)	12.7K	33.7K	65.4K	90.5K	111.3 K	130.2 K	121.4 K	113.9 K
Surface Launched Threat(I)	85K	85K	85K	85K	89K	78K	99K	113K
Other Threat (TOMAHAWK)	21K	21K	21K	21K	21K	24K	27K	28K
Expendables	0	0	0	0	0	0	0	0
INERT (CONTAINERS/ CANISTERS)	50K	50K	50K	50K	50K	50K	50K	50K
CADs/PADs	2K	2K	2K	2K	2K	2K	2K	2K
LOE: Rockets	3K	3K	3K	3K	3K	3K	3K	3K
LOE: Bombs	3K	3K	3K	3K	3K	3K	3K	3K
LOE: Gun Ammo (20mm-16")	7K	7K	7K	7K	7K	7K	7K	7K
LOE: Small Arms (up to 50 cal)	3K	3K	3K	3K	3K	3K	3K	3K
LOE: Pyro/Demo	2K	2K	2K	2K	2K	2K	2K	2K
Grenades / Mortars / Projectiles	2K	2K	2K	2K	2K	2K	2K	2K
Other (DEMIL)	9K	9K	9K	9K	9K	9K	9K	9K
Total:	253.0 K	274.2 K	308.4 K	333.4 K	356.3 K	357.9 K	369.4 K	374.9 K

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4. Maintenance and Testing, continued

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

Ordnance Type	DLMHs							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	0	0	0	0	0	0	0	0
Torpedoes	0	0	0	0	0	0	0	0
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat(D)	37K	21K	0*	0	0	0	0	0
Surface Launched Threat(I)	191K	177K	133K	131K	132K	132K	132K	132K
Other Threat (TOMAHAWK)	29K	28K	27K	27K	27K	27K	27K	27K
Expendables	0	0	0	0	0	0	0	0
INERT (CONTAINERS/ CANISTERS)	50K	50K	50K	50K	50K	50K	50K	50K
CADs/PADs	2K	2K	2K	2K	2K	2K	2K	2K
Tactical Nuclear	-	-	-	-	-	-	-	-
LOE: Rockets	3K	3K	3K	3K	3K	3K	3K	3K
LOE: Bombs	3K	3K	3K	3K	3K	3K	3K	3K
LOE: Gun Ammo (20mm-16")	7K	7K	7K	7K	7K	7K	7K	7K
LOE: Small Arms (up to 50 cal)	3K	3K	3K	3K	3K	3K	3K	3K
LOE: Pyro/Demo	2K	2K	2K	2K	2K	2K	2K	2K
Grenades / Mortars / Projectiles	2K	2K	2K	2K	2K	2K	2K	2K
Other (specify)	9K	9K	9K	9K	9K	9K	9K	9K
Total:	338K	307K	241K	239K	240K	240K	240K	240K

R 10/14/9

R 10/14/94

R 10/14/94

* SM DLMF scheduled to move to Letterkenny

4. Maintenance and Testing, continued

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

Ordnance Type	DLMHs							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	0	0	0	0	0	0	0	0
Torpedoes	0	0	0	0	0	0	0	0
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat(D)	114K	94K	0*	0	0	0	0	0
Surface Launched Threat(I)	114K	104K	101K	99K	100K	100K	100K	100K
Other Threat (TOMAHAWK)	29K	28K	27K	27K	27K	27K	27K	27K
Expendables								
INERT (CONTAINERS/ CANISTERS)	50K	50K	50K	50K	50K	50K	50K	50K
CADs/PADs	2K	2K	2K	2K	2K	2K	2K	2K
Tactical Nuclear								
LOE: Rockets	3K	3K	3K	3K	3K	3K	3K	3K
LOE: Bombs	3K	3K	3K	3K	3K	3K	3K	3K
LOE: Gun Ammo (20mm-16")	7K	7K	7K	7K	7K	7K	7K	7K
LOE: Small Arms (up to 50 cal)	3K	3K	3K	3K	3K	3K	3K	3K
LOE: Pyro/Demo	2K	2K	2K	2K	2K	2K	2K	2K
Grenades / Mortars / Projectiles	2K	2K	2K	2K	2K	2K	2K	2K
Other (specify)	9K	9K	9K	9K	9K	9K	9K	9K
Total:	338K	307K	209K	207K	208K	208K	208K	208K

* SM DLMF scheduled to move to Letterkenny

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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** (R

Ordnance Type	Units Throughput						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	0	0	0	0	0	0	0
Torpedoes	1200	1200	1200	1200	1200	1200	1200
Air Launched Threat	0	0	0	0	0	0	0
Surface Launched Threat(D)*	2600	2600	2900	3000	3000	3500	3500
Surface Launched Threat(I)	2000	2000	2000	2000	2000	2000	2000
Other Threat (TOMAHAWK)	1500	1500	1500	1500	1500	1500	1500
Expendables	0	0	0	0	0	0	0
INERT (CONTAINERS/ CANISTERS)	12K	12K	12K	12K	12K	12K	12K
CADs/PADs	100K	100K	100K	100K	100K	100K	100K
Strategic Nuclear	-	-	-	-	-	-	-
Tactical Nuclear	-	-	-	-	-	-	-
LOE: Rockets	10K	10K	10K	10K	10K	10K	10K
LOE: Bombs	8K	8K	8K	8K	8K	8K	8K
LOE: Gun Ammo (20mm-16")	1M	1M	1M	1M	1M	1M	1M
LOE: Small Arms (up to 50 cal)	100M	100M	100M	100M	100M	100M	100M
LOE: Pyro/Demo	200K	200K	200K	200K	200K	200K	200K

Grenades / Mortars / Projectiles	1M	1M	1M	1M	1M	1M	1M
Other (DEMIL)	111K	111K	111K	111K	111K	111K	111K
Total:	102.5 M	102.5 M	102.5 M	102.5 M	102.5 M	102.5 M	102.5 M

*Consists of lower level components, i.e. circuit card assemblies, cables, and other electronic modules.

R

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4. Maintenance and Testing, continued

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

Ordnance Type	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	0	0	0	0	0	0	0
Torpedoes	70K	70K	70K	70K	70K	70K	70K
Air Launched Threat	0	0	0	0	0	0	0
Surface Launched Threat(D)	122K	124K	126K	128K	128K	135K	135K
Surface Launched Threat(I)	115K	115K	115K	115K	115K	115K	115K
Other Threat (TOMAHAWK)	50K	50K	50K	50K	50K	50K	50K
Expendables	0	0	0	0	0	0	0
INERT (CONTAINERS/ CANISTERS)	80K	80K	80K	80K	80K	80K	80K
CADs/PADs	5K	5K	5K	5K	5K	5K	5K
Strategic Nuclear	-	-	-	-	-	-	-
Tactical Nuclear	-	-	-	-	-	-	-
LOE: Rockets	9K	9K	9K	9K	9K	9K	9K
LOE: Bombs	9K	9K	9K	9K	9K	9K	9K
LOE: Gun Ammo (20mm-16")	20K	20K	20K	20K	20K	20K	20K
LOE: Small Arms (up to 50 cal)	9K	9K	9K	9K	9K	9K	9K
LOE: Pyro/Demo	5K	5K	5K	5K	5K	5K	5K
Grenades / Mortars / Projectiles	5K	5K	5K	5K	5K	5K	5K
Other (DEMIL)	20K	20K	20K	20K	20K	20K	20K
Total:	519K	521K	523K	525K	525K	532K	532K

(R

4. Maintenance and Testing, continued

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

Ordnance Type	DLMHs						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Mines	0	0	0	0	0	0	0
Torpedoes	70K	70K	70K	70K	70K	70K	70K
Air Launched Threat	0	0	0	0	0	0	0
Surface Launched Threat(D)	122K	124K	124K	124K	124K	124K	124K
Surface Launched Threat(I)	115K	115K	115K	115K	115K	115K	115K
Other Threat (TOMAHAWK)	50K	50K	50K	50K	50K	50K	50K
Expendables	0	0	0	0	0	0	0
INERT (CONTAINERS/ CANISTERS)	80K	80K	80K	80K	80K	80K	80K
CADs/PADs	5K	5K	5K	5K	5K	5K	5K
Strategic Nuclear	-	-	-	-	-	-	-
Tactical Nuclear	-	-	-	-	-	-	-
LOE: Rockets	9K	9K	9K	9K	9K	9K	9K
LOE: Bombs	9K	9K	9K	9K	9K	9K	9K
LOE: Gun Ammo (20mm-16")	20K	20K	20K	20K	20K	20K	20K
LOE: Small Arms (up to 50 cal)	9K	9K	9K	9K	9K	9K	9K
LOE: Pyro/Demo	5K	5K	5K	5K	5K	5K	5K
Grenades / Mortars / Projectiles	5K	5K	5K	5K	5K	5K	5K
Other (DEMIL)	20K	20K	20K	20K	20K	20K	20K
Total:	519K	521K	523K	525K	525K	532K	532K

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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.

ILM: Calculations are based on full utilization of production facilities. Typically, no additional major equipment would be needed. Hrs/unit X Maximum Capacity (units) = DLMHs

DLM: Increase our capacity utilization by 44% procurement of automatic test equipment for missile component repairables, electrostatic paint system and CCA cleaning machines. These items together, along with the personnel to operate them, would allow us to increase unit production by more than 40%.

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?

ILM: ILM production lines do not require the addition of IPE for maximization within the current facility(s). Maximum production is achieved through personnel increases and/or full utilization of the current facilities. The maximum production rates are reflected in table 4.2.a.

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 that would limit any realistic expansion. With respect to the maintenance and testing of explosive ordnance, ESDQ distances for the construction of additional facilities would most likely be the first limiting factor.

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.)?

DLM: Environmental/pollution discharge levels are regulated by SCAQMD and getting permits and/or authorization is a lengthy, paperwork involved process.

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
STANDARD Missile	1000/year	Test equipment, CCA Cleaner/Paint system	350.0	1600/year
Harpoon	100/year	Test equipment	450.0	500/year
Tomahawk	200/year	Test set TDIDS	600.0	1000/year

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.

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

Munitions Type	Additional Work Required	Location for Additional Work	Frequency of Additional Work
N/A			

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.

N/A

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.

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

Commodity Type	Throughput (Units)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Ordnance	0	0	0	0	0	0	0	0
Missile/Missile Comp	0	0	0	273*	249	393	427	362
Total:	0	0	0	273	249	393	427	362

*SM DLMF established.

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

Commodity Type	Throughput (Units)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Ordnance	0	0	0	0	0	0	0	0
Missile/Missile Comp	180	100	0*	0	0	0	0	0
Total:	180	100	0	0	0	0	0	0

*SM DLMF scheduled to move to Letterkenny.

4. Maintenance and Testing, continued

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

Commodity Type	Throughput (DLMHs)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Ordnance	0	0	0	0	0	0	0	0
Missile/Missile Comp	0	0	59.1*	66.3	74.3	80.1	60.7	62.3
Total:	0	0	59.1	66.3	74.3	80.1	60.7	62.3

SM DLMF established.

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

Commodity Type	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Ordnance	0	0	0	0	0	0	0	0
Missile/Missile Comp	37.4	21K	0*	0	0	0	0	0
Total:	37.4	21K	0	0	0	0	0	0

SM DLMF scheduled to move to Letterkenny.

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** (R

Commodity Type	Throughput (Units)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Ordnance	0	0	0	0	0	0	0	0
Missile/Missile Comp	500	600	600	600	600	600	600	600
Total:	500	600	600	600	600	600	600	600

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

Commodity Type	Throughput (DLMHs)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Ordnance	0	0	0	0	0	0	0	0
Missile/Missile Comp	75K	90K	90K	90K	90K	90K	90K	90K
Total:	75K	90K	90K	90K	90K	90K	90K	90K

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.

Increase utilization in building 59 by 6000 sq. ft. to allow production to increase to 600 units per year. Equipment needed is a CCA cleaning machine and electrostatic paint systems. Those improvements will allow us to increase production on depot five fold.

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?

Delete old paint system and procure an electrostatic paint system which would allow us to increase workload five-fold. The paint/pack area has always been a bottleneck. Return on investment is estimated to be 2 years. The AQMD regulations could be bypassed because this system reduces emissions.

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.)?

Pollutant discharges are regulated and limited by SCAQMD and the CPA. The approval cycle to allow us to emit more would be 2 years.

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** (R

FY 1995 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	0	0	0	0	0	0
Missile/ Missile Comp	100	600	500	21K	90K	79K
Total	N / A	N / A	N / A	21K	90K	79K

[1] This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

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

(R

FY 1996 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	0	0	0	0	0	0
Missile/ Missile Comp	0	600	600	0	90K	90K
Total	N / A	N / A	N / A	0	90K	90K

[1] This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

4. Maintenance and Testing, continued

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

FY 1997 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	0	0	0	0	0	0
Missile/ Missile Comp	0	600	600	0	90K	90K
Total	N / A	N / A	N / A	0	90K	90K

[1] This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

Table 4.15.d: **PREDICTED WORKLOAD VARIANCE FOR FY 1998**

(R

FY 1998 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	0	0	0	0	0	0
Missile/ Missile Comp	0	600	600	0	90K	90K
Total	N / A	N / A	N / A	0	90K	90K

[1] This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

4. Maintenance and Testing, continued

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

FY 1999 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	0	0	0	0	0	0
Missile/ Missile Comp	0	600	600	0	90K	90K
Total	N / A	N / A	N / A	0	90K	90K

[1] 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** (R

FY 2000 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	0	0	0	0	0	0
Missile/ Missile Comp	0	600	600	0	90K	90K
Total	N / A	N / A	N / A	0	90K	90K

[1] This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

4. Maintenance and Testing, continued

Table 4.15.g: **PREDICTED WORKLOAD VARIANCE FOR FY 2001** (R

FY 2001 Commodity Type	Product (units)			DLMHs		
	Predicted Workload	Potential Workload	Variance	Predicted Workload	Potential Workload	Variance
Ordnance	0	0	0	0	0	0
Missile/ Missile Comp	0	600	600	0	90K	90K
Total	N / A	N / A	N / A	0	90K	90K

[1] This workload is not duplicative of any previously reported workload. Detail all production categorized as "other".

Mission Area

5. Manufacturing Workload - N/A

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.

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.)								
LOE: Pyro/Demo								
Grenades / Mortars / Projectiles								
Other (specify)								

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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								
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

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)								

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")							
LOE: Small Arms (up to 50 cal)							
LOE: Pyro/Demo							
Grenades / Mortars /							

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Ordnance Type	Units Throughput						
Projectiles							
Other (specify)							

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:

Mission Area

6. In-Service Engineering Workload -N/A

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).

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								
LOE: Gun Ammo (20mm-16")								
LOE: Small Arms (up to 50 cal)								

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

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								
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")							
LOE: Small Arms (up to 50 cal.)							
LOE: Pyro/Demo							

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Ordnance Type	Workload (DLMHs)						
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** (R

Program Element	Throughput (DLMHs K)							
	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	0	0	0	0	0	0	0	3.5
Surface Launched Threat	25.7	27.9	31.3	91.7	101.2	110.5	109.3	100.8
Other Threat	0	0	0	3.4	4.6	9.6	3.3	9.1
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	42.0	37.2	56.0	35.7	28.5	28.0	24.9	24.9
Tactical Nuclear	18.6	30.0	17.7	14.5	10.4	8.3	5.8	3.9
LOE: Rockets	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LOE: Bombs	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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

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Program Element	Throughput (DLMHs K)							
	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Grenades / Mortars / Projectiles	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Other (specify)	3.5	1.8	1.8	.9	.9	.9	.9	.9
Dept of Energy Weapons Component Surveillance	0	0	0	0	0	0	0	0
Ordnance Related GPETE purchased and delivered to the fleet (both U.S. & F.M.S.)	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8

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7. Technical Support, continued

Table 7.1.b: **Historic and Predicted Technical Support** (R

Program Element	Throughput (DLMHs K)							
	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	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Surface Launched Threat	88.3	77.6	77.1	71.8	64.9	64.9	64.9	64.9
Other Threat	16.7	0	0	0	0	0	0	0
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	27.5	17.3	17.3	17.3	17.3	17.3	17.3	17.3
Tactical Nuclear	4.2	2.9	2.9	2.9	2.9	2.9	2.9	2.9
LOE: Rockets	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LOE: Bombs	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dept of Energy Weapons Component Surveillance	1.1	15.1	26.8	26.8	26.8	26.8	26.8	26.8
Ordnance Related GPETE purchased	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5

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Program Element	Throughput (DLMHs K)							
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
and delivered to the fleet (both U.S. & F.M.S.)								

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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

Program Element	DLMHs K						
	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	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Surface Launched Threat	77.6	77.1	71.8	64.9	64.9	64.9	64.9
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	34.5	34.5	34.5	34.5	34.5	34.5	34.5
Tactical Nuclear	5.8	5.8	5.8	5.8	5.8	5.8	5.8
LOE: Rockets	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LOE: Bombs	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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

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Program Element	DLMHs K						
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
Grenades / Mortars / Projectiles	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Other (specify)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dept of Energy Weapons Component Surveillance	23.9	44.3	44.3	44.3	44.3	44.3	44.3
Ordnance Related GPETE purchased and delivered to the fleet (both U.S. & F.M.S.)	35	35	35	35	35	35	35
Other Technical Support RM&A Stockpile Assessment Acquisition Support Logistics Support Calibration Failure Diagnosis Material Lab Analysis	534.9	1770.4	1765.1	1758.2	1758.2	1758.2	1758.2

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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.

1. The evaluation of potential workload expansion capacity of the Weapon Station consists of a review of the following areas:

a. NASA Buildings: These buildings, now part of the Weapon Station, were formerly operated by North American Rockwell during the Saturn/Apollo space program. They include buildings 110, 112, 123, 126 and 128.

b. Production Buildings: These buildings presently support production capabilities at the Weapon Station. They include building 59, the STANDARD Missile Depot Maintenance facility, and buildings 76, 77 and 78.

c. General and Administrative Buildings: These buildings primarily house the G&A support personnel, Command and Command staff, and Ordnance Operations office staff. These buildings include:

- Bldg 6 - Safety
- Bldg 10 - Station Resources/Planning
- Bldgs 17, 18 - Ordnance
- Bldg 26 - Security
- Bldg 204 - Command/Staff
- Bldg 206 - HRO
- Bldg 229 - Comptroller

2. Tables I, II and III provide data relative to estimated utilization and excess capacity for the above buildings. The Net Square Feet (NSF) is equal to the Gross Square Feet (GSF) minus the allowance for halls, walls, stairs, elevators, restrooms, lobbies, utilities, etc. No buildings were considered that lie within the ESQD arcs. The data presented is based on the WPNSTA Seal Beach Facilities Management database, to the 26 September 1993 baseline.

3. Assumptions

- Building 59 will become available due to an earlier BRAC decision to move STANDARD Missile Depot Maintenance to Letterkenny arsenal in FY 95.

- Proposed MILCON P-203 (currently unfunded), which is for a consolidated operations center, is NOT included.

4. Calculation of Excess Property: For the buildings identified in Tables I, II and III, an allocation of 250 sq. ft. per person for people presently occupying office space was assumed. Additionally, any special facilities for laboratories, engineering, and production equipment were identified. The difference between the total NSF and the special facilities plus office space was considered excess capacity.

Excess Capacity = NSG - (Special Facilities + Office Space)

where office space is: (# present personnel x 250 sq. ft.)

The total excess capacity in sq. ft. was then divided by 250 sq. ft. to determine the number of additional personnel which could be brought on-board if required by additional workload.

5. Conclusions

a. The NASA buildings (Table I) yield the greatest potential for workload expansion, 185,574 sq. ft., or enough to house 742 additional personnel. However, these buildings are the high bay type with vast open expanses. Walls, dropped ceilings, etc., would be required to provide the proper office environment if the remainder of the buildings were to be utilized.

b. Similarly, the production buildings (Table II) contain space for 204 additional employees. Since these buildings are smaller and currently configured for engineering, production and laboratory work, they would be ideally suited to house any additional workload associated with In Service Engineering, Maintenance and other Technical Support, with little effort or cost.

c. The G&A buildings (Table III) are near maximum utilization. However, the potential to add 39 personnel exists in terms of excess capacity in building 26 and 204. Since many of these buildings date back to World War II, they were likely configured for other uses. Rather than reconfiguring them for the few additional personnel they would house, the station would likely double up personnel in the relatively large office spaces that currently exist.

6. Summary

a. For FY95, the station will support an additional 243 workyears (204+39) of technical support.

b. For FY96 and in the outyears, the station will support 985 workyears (243+742) of additional technical support.

c. One workyear is equivalent to 1650 DLMHs.

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NAVWPNSTA Seal Beach

Direct Workload Expansion Capacity

Building Group: NASA

Bldg #	Type	GSF	NSF	# People	Est. Utilization (sq. ft.)	SF/Person	Excess Capacity (sq. ft.)
110	Eng/Office	37,722	28,842	39	9,750	250	19,092
112	Eng/Office	121,750	88,411	15	3,750	250	84,661
123	Eng/Lab Prod	55,517	41,347	30	(1) 19,302	250	22,045
126	Eng/Lab	110,215	81,393	64	(2) 40,492	250	40,901
128	Prod	84,533	68,540	46	(3) 49,671	250	18,869
Total Square Feet							185,574

(1) Includes 11,802 sq. ft. Prod/Lab floorspace

(2) Includes 24,492 sq. ft. Lab floorspace

(3) Includes 38,171 sq. ft. Prod floorspace

$$\frac{185{,}574 \text{ sq. ft.}}{250 \text{ sq. ft.}} = 742 \text{ personnel}$$

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Table I

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NAVWPNSTA Seal Beach
Direct Workload Expansion Capacity

Building Group: PRODUCTION

Bldg #	Type	GSF	NSF	# People	Est. Utilization (sq. ft.)	SF/Person	Excess Capacity (sq. ft.)
59	Prod	27,080	19,575	0	(4) 0	0	19,575
76	Office	3,865	2,803	18	2,803	156	0
77	Eng/Office	17,094	14,211	0	0	0	14,211
78	Prod	43,474	37,515	44	(5) 20,363	250	17,152
Total Square Feet							50,938

(4) STANDARD Missile Depot Maintenance planned for Letterkenny in FY95
(5) Includes 9,363 sq. ft. Prod floorspace

$$\frac{50{,}938 \text{ sq. ft.}}{250 \text{ sq. ft.}} = \underline{\underline{204 \text{ personnel}}}$$

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Table II

Activity: N60701

NAVWPNSTA Seal Beach

Direct Workload Expansion Capacity

Building Group: G&A

Bldg #	Type	GSF	NSF	# People	Est. Utilization (sq. ft.)	SF/Person	Excess Capacity (sq. ft.)
6	Office	2,824	2,325	15	2,325	155	0
10	Office	24,784	17,922	48	17,922	(6) 373	0
17	Office	2,647	2,647	11	2,647	241	0
18	Office	8,521	8,521	73	8,521	116	0
26	Office	25,517	15,637	37	9,250	250	6,387
204	Office	8,873	8,873	22	5,500	250	3,373
206	Office	9,714	9,714	50	9,714	194	0
229	Office	11,715	11,715	50	11,715	234	0
Total Square Feet							9,760

(6) Includes 3 conference rooms for training center

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9,760 sq. ft.
250 sq. ft. = 39 personnel

Table III

Assumptions include the 100% utilization of our space rather than our current utilization level of 56%. It also includes various modifications to our facilities and acquisition of new equipment. Facilities modifications totaling approximately $700K will support an increased workload in our science and calibration laboratories.

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?

An investment of over $10M for modular labs would fulfill maximum space requirements and provide all environmental needs in the science and calibration laboratories. Capital equipment to replace older and less efficient non-automatic test equipment will also be required to increase our technical capabilities. Upgrade of heating and cooling units in some facilities will also be required. Cost for equipment would probably reach $5M to $7M range. Assuming a ROI of 20% per year, 5 years would provide full payback.

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

No. However, there may be some environmental factors that may limit the increase in capability and workload such as EPA certificates/permits for chemical testing and emission controls.

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.)?

Pollutant discharge limitations and storage capacity for chemical bi-products are regulated by SCAQMD and EPA.

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); transhipment/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: Seal Beach-Igloo

Facility Number	Condition		Environment Controls (Y / N)	Currently In Use? (Y / N)	Type of Ordnance Stowed	Reason for Stowage
	A / I / S	KSF			Note 1	Note 2
43	A	10.000	N	Y	14	C
50	A	10.000	N	Y	8	C
601	A	6.000	N	Y	13	C
602	A	6.000	N	Y	11	C
603	A	6.000	N	Y	11	C
604	A	6.000	N	Y	16	C
605	A	6.000	N	Y	13	C

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Facility Number	Condition		Environment Controls (Y / N)	Currently In Use? (Y / N)	Type of Ordnance Stowed	Reason for Stowage
606	A	6.000	N	Y	8	C
607	A	6.000	N	Y	13	C
608	A	6.000	N	Y	13	C
609	A	6.000	N	Y	13	C
610	A	6.000	N	Y	13	C
611	A	6.000	N	Y	13	C
612	A	6.000	N	Y	13	C
613	A	6.000	N	Y	15	C
614	A	6.000	N	Y	15	C
615	A	6.000	N	Y	15	C
616	A	6.000	N	Y	13	D
617	A	6.000	N	Y	16	C
618	A	6.000	N	Y	13	C
619	A	6.000	N	Y	13	C
620	A	6.000	N	Y	13	C
621	A	6.000	N	Y	13	C
622	A	6.000	N	Y	13	C
623	A	6.000	N	Y	13	C
624	A	6.000	N	Y	13	C
625	A	6.000	N	Y	13	C
626	A	6.000	N	Y	8	F

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Facility Number	Condition		Environment Controls (Y / N)	Currently In Use? (Y / N)	Type of Ordnance Stowed	Reason for Stowage
627	A	6.000	N	Y	13	C
628	A	6.000	N	Y	13	C
629	A	6.000	N	Y	13	C
630	A	6.000	N	Y	13	C
631	A	6.000	N	Y	13	C
632	A	6.000	N	Y	13	C
633	A	6.000	N	Y	13	C
634	A	6.000	N	Y	13	C
635	A	6.000	N	Y	13	C
636	A	6.000	N	Y	17	C
637	A	6.000	N	Y	13	C
638	A	6.000	N	Y	13	C
639	A	6.000	N	Y	13	C
640	A	6.000	N	Y	13	C
641	A	6.000	N	Y	11	C
642	A	6.000	N	Y	13	C
643	A	6.000	N	Y	13	C
644	A	6.000	N	Y	16	C
645	A	6.000	N	Y	16	C
646	A	6.000	N	Y	12	C
647	A	6.000	N	Y	12	C

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Facility Number	Condition		Environment Controls (Y / N)	Currently In Use? (Y / N)	Type of Ordnance Stowed	Reason for Stowage
648	A	6.000	N	Y	13	C
649	A	6.000	N	Y	17	C
801	A	2.000	N	Y	17	C
802	A	2.000	N	Y	17	C
803	A	2.000	N	Y	15	C
804	A	2.000	N	Y	4	C
805	A	2.000	N	Y	4	C
806	A	2.000	N	Y	17	C
807	A	2.000	N	Y	4	C
808	A	2.000	N	Y	4	C
809	A	2.000	N	Y	15	C
810	A	2.000	N	Y	4	C
811	A	0.140	N	Y	1	G
812	A	0.140	N	Y	1	G
813	A	0.140	N	Y	1	G
814	A	0.140	N	Y	1	G
815	A	0.140	N	Y	17	C
816	A	0.140	N	Y	1	C
817	A	0.140	N	Y	17	C
818	A	0.140	N	Y	15	C
819	A	0.140	N	Y	15	C

Activity: N60701

Facility Number	Condition		Environment Controls (Y / N)	Currently In Use? (Y / N)	Type of Ordnance Stowed	Reason for Stowage
820	A	0.140	N	Y	17	C
821	A	0.140	N	Y	17	C
822	A	0.204	N	Y	15	C
823	A	0.204	N	Y	17	C
851	A	2.000	N	Y	17	C
853	A	2.000	N	Y	15	C
854	A	2.000	N	Y	15	C
855	A	2.000	N	Y	4	C
856	A	2.000	N	Y	16	C
857	A	2.000	N	Y	15	C
858	A	2.000	N	Y	15	C
859	A	0.140	N	Y	15	C
860	A	2.000	N	Y	16	C
862	A	2.000	N	Y	15	C
863	A	3.375	N	Y	15	C
864	A	2.000	N	Y	15	C
865	A	8.750	N	Y	15	C
880	A	2.000	N	Y	15	C
881	A	2.000	N	Y	15	C
882	A	2.000	N	Y	15	C
883	A	2.000	N	Y	15	C

Activity: N60701

Facility Number	Condition		Environment Controls (Y / N)	Currently In Use? (Y / N)	Type of Ordnance Stowed	Reason for Stowage
884	A	2.000	N	Y	11	C
TOTAL		378.213				

Activity: N60701

Site/Magazine Type: Seal Beach-Keyport

Facility Number	Condition		Environment Controls (Y / N)	Currently In Use? (Y / N)	Type of Ordnance Stowed	Reason for Stowage
	A / I / S	KSF			Note 1	Note 2
82	A	0.048	N	N		
84	A	0.048	N	N		
96	A	0.016	N	Y		G
104	A	0.016	N	N		
318	A	0.016	N	N		
426	A	0.016	N	Y	17	G
427	A	0.016	N	Y	17	G
428	A	0.016	N	Y	17	G
429	A	0.016	N	Y	17	G
430	A	0.016	N	Y	17	G
431	A	0.016	N	Y	17	G
456	I	0.016	N	N		
TOTAL		0.256				

Activity: N60701

Site/Magazine Type: Seal Beach-Box

Facility Number	Condition		Environment Controls (Y / N)	Currently In Use? (Y / N)	Type of Ordnance Stowed	Reason for Stowage
	A / I / S	KSF			Note 1	Note 2
650	A	5.000	N	Y	4	C
651	A	5.000	N	Y	4	C
652	I	5.000	N	Y	4	C
653	I	5.000	N	Y	4	C
654	I	5.000	N	Y	2	C
655	I	5.000	N	Y	4	C
656	A	5.000	N	Y	4	C
657	A	5.000	N	Y	4	F
658	A	5.000	N	Y	4	C
659	I	5.000	N	Y	4	C
660	I	5.000	N	Y	4	C
661	I	5.000	N	Y	4	C
662	I	5.000	N	Y	4	C
663	I	5.000	N	Y	4	F
664	I	5.000	N	Y	2	C
852	A	4.700	N	Y	15	C
TOTAL		79.7000				

Activity: N60701

Site/Magazine Type: Seal Beach-Missile

Facility Number	Condition		Environment Controls (Y / N)	Currently In Use? (Y / N)	Type of Ordnance Stowed	Reason for Stowage
	A / I / S	KSF			Note 1	Note 2
824	A	7.950	N	Y	4	C
825	A	7.950	N	Y	4	C
826	A	7.950	N	Y	4	C
827	A	7.950	N	Y	5	C
828	A	7.950	N	Y	4	C
829	A	7.950	N	Y	4	C
830	A	7.950	N	Y	5	C
910	A	5.000	N	Y	4	G
911	A	5.000	N	Y	4	G
TOTAL		65.650				

Additional Comments:

A. Note 1. Key for Type of Ordnance Stowed

1 Mines
2 Torpedoes
3 Air Launched Threat
4 Surface Launched Threat
5 Other Threat
6 Expendables
7 Inert
8 CADs/PADs
9 Strategic Nuclear
10 Tactical Nuclear

11 LOE: Rockets
12 LOE: Bombs
13 LOE: Gun Ammo
14 LOE: Small Arms
15 LOE: Pyro/Demo
16 Grenades/Mortars/Projectiles
17 Miscellaneous explosive material

B. Note 2. Key for Reason for Stowage
A Own activity use (training)
B Own activity use (operational)
C Receipt/Segregation/Storage/Isssue (RSSI)
D Transhipment/awaiting issue
E Deep stow (war reserve)
F Awaiting Demil
G Production ready service

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: Seal Beach

Type of Magazine	Total This Type	Square Footage			
		Adequate	Substandard	Inadequate	Total
Igloo	92	378,213			378,213
Keyport	12	240		16	256
Box	16	29,700		50,000	79,700
Missile	9	65,650			65,650
	Total: 129	473,803	0	50,016	523,819

Table 8.2.b: **Facility Stowage Summary**

Type Magazine: Igloo

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
Seal Beach	92	378,213			378,213
	Total: 92	378,213			378,213

Activity: N60701

Type Magazine: Keyport

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
Seal Beach	12	240		16	256
	Total: 12	240		16	256

Type Magazine: Box

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
Seal Beach	16	29,700		50,000	79,700
	Total: 16	29,700		50,000	79,700

Type Magazine: Missile

Location	Total # Magazines	Square Footage			
		Adequate	Substandard	Inadequate	Total
Seal Beach	9	65,650			65,650
	Total: 9	65,650			65,650

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 Number: 652, 653, 654, 655, 659, 660, 661, 662, 663, and 664.

a. Facility type/code: Missile magazines/421-72

b. What makes it inadequate? By using SP&P magazines as missile magazines, the doors and columns within do not provide efficient storage space for missiles.

c. What use is being made of the facility? Missile storage.

d. What is the cost to upgrade the facility to substandard? Not an option.

e. What other use could be made of the facility and at what cost? Return to SP&P usage.

f. Current improvement plans and programmed funding: MCON P-134 AND 137 at $8.4M.

g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? No.

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.

Facility Number: 82 and 84. These two keyport magazines supported a production near the wildlife refuge. When production ceased the magazines were given to U. S. Fish and Wildlife Service to support their refuge operation.

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
NONE	

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	
59	DM	27.080			27.080
77	TS	8.742			8.742
89	TS	2.135			2.135
94	IM	15.396			15.396
112	TS	25.662			25.662
126	TS	68.683			68.683
128	IM/T	84.533			84.533
130	TS	17.953			17.953
241	IM	51.284			51.284
411	IM	6.885			6.885
432	TS	1.200			1.200
433	TS	2.160			2.160
435	TS	.766			0.766
437	TS	.500			0.500

907	IM	66.278			66.278
915	IM	25.827			25.827
923	IM	16.529			16.529

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:

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?

Activity: N60701

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	Condition (KSF)			Total
		Adequate	Substandard	Inadequate	
Weapons Shop	59	12.186			12.186
Weapons Evaluation	77	3.934			3.934
ILM Shop	88	4.801			4.801
X-ray Facility	89	.961			0.961
Ammo Rework	94	6.928			6.928
Cal/Flt Support	112	11.548			11.548
Weapons Shop	126	30.907			30.907
ILM Shop	128	38.040			38.040
Machine Shop	130	8.079			8.079
Container Shop	241	23.078			23.078
Weapons Shop	411	3.098			3.098
Weapons Evaluation	432	.540			0.540
Weapons Evaluation	433	.972			0.972
Weapons Evaluation	435	.352			0.352
Weapons Evaluation	437	.225			0.225
Weapons Evaluation	907	29.825			29.825
ILM Shop	915	11.622			11.622

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	Condition (KSF)			Total
		Adequate	Substandard	Inadequate	
Weapons Shop	59	11.374			27.080
Weapons Evaluation	77	3.672			8.742
ILM Shop	88	4.481			10.669
X-ray Facility	89	.897			2.135
Ammo Rework	94	7.698			15.396
Cal/Flt Support	112	10.778			25.662
Weapons Shop	126	28.846			68.683
ILM Shop	128	35.504			84.533
Machine Shop	130	7.540			17.953
Container Shop	241	21.539			51.284
Weapons Shop	411	2.892			6.885
Weapons Evaluation	432	.504			1.200
Weapons Evaluation	433	.907			2.160
Weapons Evaluation	435	.322			0.766

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Building Type	Facility Number	Condition (KSF)			Total
		Adequate	Substandard	Inadequate	
ILM Shop	923	7.438			7.438

NOTE: These are underutilized facilities that can accept increased workload. Most building have established processing lines that are running around 55% capacity.

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Building Type	Facility Number	Condition (KSF)			Total
		Adequate	Substandard	Inadequate	
Weapons Evaluation	437	.210			0.500
Weapons Evaluation	907	33.139			66.278
ILM Shop	915	12.914			25.827
ILM Shop	923	8.264			16.529

NOTE: These are underutilized facilities that can accept increased workload. Most building have established processing lines that are running around 55% capacity.

Activity: N60701

Features and Capabilities

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**
K MANHOURS

	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Direct Labor	952.8	959.3	996.5	1007.8	1057.8	1196.7	1311.3	1264.5
Overhead	1385.7	1267.8	1248.4	1133.7	1112.7	1075.6	1125.7	1040.1
Total	2338.5	2227.1	2244.9	2141.5	2170.5	2272.3	2437.0	2304.6

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

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1997	FY 1999	FY 2000	FY 2001
Direct Labor	738.1	742.9	788.1	791.4	791.4	791.4	791.4	791.4
Overhead	838.1	434.4	437.7	439.3	439.3	439.3	439.3	439.3
Total	1576.2	1177.3	1225.8	1230.7	1230.7	1230.7	1230.7	1230.7

Note: (1) FY86-93 is before reorganization of the NOC (data includes Fallbrook).
(2) FY94 to FY2001 data is for Seal Beach only.

(3) Data does not include overtime, leave or student aide man hours.

10. Workforce, continued

Table 10.1.c: **Military Personnel**
K MANHOURS

	FY 1986	FY 1987	FY 1988	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993
Direct Labor	22.6	30.7	19.4	32.3	45.2	48.5	21.0	27.5
Overhead	542.6	558.8	395.7	305.2	292.3	290.7	311.7	314.9
Total	565.2	589.5	415.1	337.5	337.5	339.2	332.7	342.4

Table 10.1.d: **Military Personnel**
K MANHOURS

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1997	FY 1999	FY 2000	FY 2001
Direct Labor	19.4	45.2	42.0	42.0	42.0	42.0	42.0	42.0
Overhead	253.5	177.4	74.3	74.3	74.3	74.3	74.3	74.3
Total	272.9	222.6	116.3	116.3	116.3	116.3	116.3	116.3

Note: (1) FY86-87 includes Fallbrook.
(2) Data includes reserves.
(3) Figures reflect on board count not authorizations.
(4) Data reflects civilianization of the guards beginning in FY95.

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)
18	690	DYNCORP	6	Supply Support & Analysis
915	115	DYNCORP	1	Weapons Tech
123	115	DYNCORP	1	Software
52	115	CSI, Inc.	1	Custodial
52	115	Landscape West	1	Grounds
67	115	SPPRT	1	Disposal
59	345	Computer Science	3	Computer Support
59	345	DYNCORP	3	Production Support
77	230	DYNCORP	2	Production Support
112	115	Sherikon	1	Planning
112	230	DYNCORP	2	Production Support

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Facility Number	(KSF)	Contractor(s)	# Personnel	Contractor Function(s)
126	230	DYNCORP	2	Chemistry Lab
126	115	DYNCORP	1	Production Support
128	115	Adaptech	1	Production Support
128	115	DYNCORP	1	Production Support
110	230	HFSI	2	Computer Support
110	230	DYNCORP	2	PC User Support
112	345	DYNCORP	3	Tech Library
123	805	Applied Technology	7	Computer Ops
123	805	DYNCORP	7	PC User Support
226	115	DYNCORP	1	Programming
226	345	DYNCORP	3	Mail Service

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
WHARF	1953	15210	1000	40	N/A	131		52.7	0
314	1968	15120	75	40	N/A	46		N/	0
309	1945	15520	80	15	28	147		N/	0

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Additional comments: Provisions for event waivers to ESQD NEW limits exist and have been granted in the past. 314/309 share the wharf's ESQD limit (same operating line) and are used for small craft berthing. The year constructed is given as "age."

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
Wharf	E1A-81 Waives distance to Pacific Coast Highway for 1. 1 and 1.2 (K18)	31 Mar 98

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?
WHARF	YES	YES

Additional Comments: Aircraft access includes 3 VERTREP pads, 1 at the Wharf and 2 within the station. RO/RO is not typically performed, due to ship classes performed, but no known factors limit the possibility for RO/RO operations.

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. Tug and floating crane support, including berthing, is provided by another activity. Barges are berthed at anchorage.

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**

Pier/ Wharf	NPW Berth? (Y/N)	KVA		Comp. Air Pressure & Max Capability	Potable Water (GPD)	CHT (GPD)	Oily Waste (GPD)	Steam (LBM/HR & PSI)	Fendering Limits (Y/N)
		Shore Power	4160V						
Wharf	Include answer in separate Annex	0	0	0	1,872,000	400,000	0	0	N

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?
WHARF	See note (1)	2	YES	N/A
WHARF	See note (2)	1	YES	N/A

NOTES: (1) For CG47, DDG51, FFG7, DD963, and DD993 class ships.
(2) For LPH, LPD, LSD, LST, and LKA class ships.

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Additional comments: The two line item capabilities above are mutually exclusive and cannot be performed simultaneously. Does not include USCG, commercial, and Foreign ships.

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. Tug and floating crane support, including berthing, is provided by another activity. Barges are berthed at anchorage.

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.

On average, the wharf is utilized approximately 175 days per year. Based on 251 work days per year, this equates to .7 ships per day at the wharf.

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.

Electrical Power: $ 90,000 - 480 volts service
Steam (Boilers) : $280,000 - (2) 7000 MBH 150 PSI steam boilers
6" steam main (looped)
Compressed Air : $120,000 - (1) 100 HP air compressor and 5"
main (looped)

MILCONs P-183, P-184, and P-185 (currently unprogrammed) provide for expanded combatant outloading and AE/AOE loading and homeporting. Total cost is estimated at $200M.

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

An explosive anchorage is available to load large ship classes (NEW, Length, and Draft). This anchorage provides a 1.25M (1.1) NEW and is located approximately 2 nautical miles from the wharf.

R

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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** (R

Site Location: SEAL BEACH

Land Use	Total Acres	Developed Acreage	Undeveloped	
			Restricted	Unrestricted
Maintenance	703	287	291	125
Operational	721	362	76	283
Training	0	0	0	0
R & D	0	0	0	0
Supply & Storage	2244	973	762	509
Admin	91	62	0	29
Housing	36	21	0	15
Recreational	105	77	0	28
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	2255*	0	1466*	789* (R
Hunting/Fishing Programs	0	0	0	0
Other: Wildlife Refugee	1104	0	1104	0 (R

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** (R

Site Location: SEAL BEACH

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	703	287	291	125
Operational	721	362	76	283
Training	0	0	0	0
R & D	0	0	0	0
Supply & Storage	2244	973	762	509
Admin	91	62	0	29
Housing	36	21	0	15
Recreational	105	77	0	28
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	2255*	2255*	0	0
Hunting/Fishing	0	0	0	0

Revised 18 Jun 94

R

Activity: N60701

Land Use	Total Acres	Developed Acreage	Undeveloped	
			Restricted	Unrestricted
Total:	5004	1782	2233	989

(R

NOTE: Restricted area is within the ESQD arcs.

*This is a joint use function with other areas, i.e. supply & storage, maintenance and operations

Activity: N60701

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Programs				
Other: Wildlife Refugee	1104	1104	0	0
Total:	5004	2886	1129	989

NOTE: Restricted area is within the ESQD arcs.

*This is a joint use function with other areas, i.e. supply & storage, maintenance and operations

Revised 18 Jun 94

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: SEAL BEACH

Capability	On Base Capacity	Off Base Longterm Contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)	0	1,800,000	1,350,000	1,500,000
Natural Gas (CFH)	0	400,000	13,000	50,000
Sewage (GPD)	0	500,000	75,000	180,000
Potable Water (GPD)	2,160,000	1,500,000	200,000	460,000
Steam (lbm/Hr)	0	0	0	0
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	7101.1	274,662.8	9000.0(E)
1987	3964.3	277,328.5	11712.0(*)
1988	6198.1	293,000.7	6070.4(*)
1989	4273.1	297,194.2	6673.9(*)
1990	3972.9	302,922.5	6146.8(*)
1991	6540.0	306,647.1	6707.5(*)
1992	6323.6	332,692.4	3094.8(*)

Activity: N60701

FY	MRP ($ K)	CPV ($ K)	ACE ($ K)
1993	6579.6	339,925.2	3033.7(*)
1994	8219.1	353,182.3	1301.0(E)
1995	6861.9	366,956.4	1301.0(B)
1996	6721.0	381,267.7	990.8(B)
1997	6429.3	396,137.1	707.0(B)

NOTES: E=Estimated Year End, B= Budget Authority *=WPNSTA SB included Fallbrook and NWAC.

Activity: N60701

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 E1/E4 11 721-11	39	13					39	8506
BEQ E1/E4 28 721-11	8	4	8	1584				
BEQ E1/E4 29 721-11	10	5	10	1980				
BEQ E1/E4 30 721-11	12	6	12	2376				
BEQ E1/E4 31 721-11	8	4	8	1584				
BEQ E5/E6 11 721-12	9	9					9	3926

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 E1/E4 11 721-11	3	1					3	850
BEQ E1/E4 28 721-11				198				
BEQ E1/E4 29 721-11	1		1	198				
BEQ E1/E4 30 721-11	1		1	237				
BEQ E1/E4 31 721-11				158				
BEQ E5/E6								392

Activity: N60701

Facility Type, Bldg. # & CCN	Total # Beds	Total # Rooms	Adequate		Substandard		Inadequate	
			Beds	SF	Beds	SF'	Beds	SF
BEQ E5/E6 28 721-12	4	4	4	1584				
BEQ E5/E6 29 721-12	3	3	3	1188				
BEQ E5/E6 30 721-12	2	2	2	792				
BEQ E5/E6 31 721-12	4	4	4	1584				
BEQ E7/E9 32 721-13	4	4	4	1584				

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:

Facility Number: 11

a. Facility type/code: BEQ E1/E4/721-11; BEQ E5/E6/721-12
b. What makes it inadequate? Physical condition: A05-Fire deterrent syst, A30 Bldg or structure total; Design Criteria: C45-Seismic design.
c. What use is being made of the facility? BEQ
d. What is the cost to upgrade the facility to substandard? Exceeds cost of bldg.
e. What other use could be made of the facility and at what cost? Office space beyond economical upgrade.
f. Current improvement plans and programmed funding: None.
g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? No.

Activity: N60701

Facility Type, Bldg. # & CCN	Total # Beds	Total # Rooms	Adequate		Substandard		Inadequate	
			Beds	SF	Beds	SF	Beds	SF
11 721-12								
BEQ E5/E6 28 721-12				188				
BEQ E5/E6 29 721-12				188				
BEQ E5/E6 30 721-12				79				
BEQ E5/E6 31 721-12				198				
BEQ E7/E9 32 721-13				158				

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:

Facility Number: 11

a. Facility type/code: BEQ E1/E4/721-11; BEQ E5/E6/721-12

b. What makes it inadequate? Physical condition: A05-Fire deterrent syst, A30 Bldg or

Activity: N60701

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 E1/E4 11 721-11	39	13					39	8506
BEQ E1/E4 28 721-11	8	4	8	1584				
BEQ E1/E4 29 721-11	10	5	10	1980				
BEQ E1/E4 30 721-11	12	6	12	2376				
BEQ E1/E4 31 721-11	8	4	8	1584				
BEQ E5/E6 11 721-12	9	9					9	3926
BEQ E5/E6 28 721-12	4	4	4	1584				

structure total; Design Criteria: C45-Seismic design.

c. What use is being made of the facility? BEQ
d. What is the cost to upgrade the facility to substandard? Exceeds cost of bldg.
e. What other use could be made of the facility and at what cost? Office space beyond economical upgrade.
f. Current improvement plans and programmed funding: None.
g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? No.

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 E1/E4 11 721-11	3	1					3	850
BEQ E1/E4 28 721-11				198				
BEQ E1/E4 29 721-11	1		1	198				
BEQ E1/E4 30 721-11	1		1	237				

Activity: N60701

Facility Type, Bldg. # & CCN	Total # Beds	Total # Rooms	Adequate		Substandard		Inadequate	
			Beds	SF	Beds	SF`	Beds	SF
BEQ E1/E4 31 721-11				158				
BEQ E5/E6 11 721-12								392
BEQ E5/E6 28 721-12				188				
BEQ E5/E6 29 721-12				188				
BEQ E5/E6 30 721-12				79				
BEQ E5/E6 31 721-12				198				
BEQ E7/E9 32 721-13				158				

Activity: N60701

Facility Type, Bldg. # & CCN	Total # Beds	Total # Rooms	Adequate		Substandard		Inadequate	
			Beds	SF	Beds	SF'	Beds	SF
BEQ E5/E6 29 721-12	3	3	3	1188				
BEQ E5/E6 30 721-12	2	2	2	792				
BEQ E5/E6 31 721-12	4	4	4	1584				
BEQ E7/E9 32 721-13	4	4	4	1584				

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:

Facility Number: 11

a. Facility type/code: BEQ E1/E4/721-11; BEQ E5/E6/721-12
b. What makes it inadequate? Physical condition: A05-Fire deterrent syst, A30 Bldg or structure total; Design Criteria: C45-Seismic design.
c. What use is being made of the facility? BEQ
d. What is the cost to upgrade the facility to substandard? Exceeds cost of bldg.
e. What other use could be made of the facility and at what cost? Office space beyond economical upgrade.
f. Current improvement plans and programmed funding: None.
g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? No.

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:

Facility Number: 11

a. Facility type/code: BEQ E1/E4/721-11; BEQ E5/E6/721-12
b. What makes it inadequate? Physical condition: A05-Fire deterrent syst, A30 Bldg or structure total; Design Criteria: C45-Seismic design.
c. What use is being made of the facility? BEQ
d. What is the cost to upgrade the facility to substandard? Exceeds cost of bldg.
e. What other use could be made of the facility and at what cost? Office space beyond economical upgrade.
f. Current improvement plans and programmed funding: None.
g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? No.

15. Personnel Support Facility Data, continued

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

None, messing provided by vouchers at consolidated club.

Table 15.5: **Messing Facilities** (R

Facility Type, CC and Bldg. #	Total SF	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	SF	Seats	SF	Seats	SF	
NONE								

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.

None, messing provided by vouchers at consolidated club.

Table 15.7: **Messing Facilities** (R

Facility Type, CC and Bldg. #	Total SF	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	SF	Seats	SF	Seats	SF	
NONE								

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:

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?

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)
60701	171-10	Academic classroom	3	130	312,000
60701	171-25	Auditorium	1	55	132,000
60701	179-40	Small arms range	1		

Category 171-10 is for instructional classrooms. The formula used the numbers of students, times the number of classrooms, times 8 hours a day for 300 days a year.

Category 171-25 is for an auditorium. The formula used is the number of seats, times 8 hours a day for 300 days a year.

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.

NONE.

Table 16.2: **Formal Classroom Training** (R

CCN: _____

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

BRAC 95 CERTIFICATION

DATA CALL 25 (CAPACITY) (REVISION) NAVAL WEAPONS STATION, SEAL BEACH

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)

Signature

Associate Director
Title

22 June 1994
Date

NAVORDCEN PACDIV
Activity

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)

Signature

COMMANDER
Title

6/24/94
Date

NAVAL ORDNANCE CENTER
Activity

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)

Signature

Title

7-7-94
Date

Systems 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)

J. B. GREENE, JR.
NAME (Please type or print)

Signature

ACTING
Title

11 JUL 1994
Date

BRAC-95 CERTIFICATION

REVISED
DATA CALL WORK SHEET FOR MILITARY VALUE ANALYSIS
NAVAL WEAPONS STATIONS, NAVAL MAGAZINES,
AND STRATEGIC WEAPONS FACILITIES
AND JOINT CROSS SERVICE GROUP - DEPOT MAINTENANCE

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

J. F. STEADLEY
NAME (Please type or print)

Signature

Commanding Officer
Title

20 Jun 94
Date

Naval Weapons Station Seal Beach
Activity

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)

Signature

Acting Commander
Title

3 August 1994
Date

NAVORDCEN PACDIV
Activity

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)

Signature

COMMANDER
Title

5 AUG 94
Date

NAVAL ORDNANCE CENTER
Activity

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

MAJOR CLAIMANT LEVEL

[illegible]
NAME (Please type or print)

Signature

Titlemmander [illegible]
[illegible]al Sea Systems Command

8-11-94
Date

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)

J. B. GREENE, JR.
NAME (Please type or print)

Signature

ACTING
Title

17 AUG 1994
Date

BRAC-95 CERTIFICATION

REVISED DATA CALL WORK SHEETS FOR CAPACITY DATA CALL NAVAL WEAPONS SSTATIONS, NAVAL MAGAZINES, AND STRATEGIC MISSILE FACILITIES

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.

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

ACTIVITY COMMANDER

J. F. STEADLEY
NAME (Please type or print)

Signature

Commanding Officer
Title

1 Aug 94
Date

Naval Weapons Station Seal Beach
Activity

REVISED DATA CALL WORKSHEET FOR CAPACITY DATA CALL 25

WPNSTA SEAL BEACH

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)

J. C. DEVLIN, CAPT, USN
NAME (Please type or print)

Signature

Commander
Title

7 Nov 94
Date

NAVORDCEN PACDIV
Activity

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

NEXT ECHELON LEVEL (if applicable)

N. SUTTON RADM, USN
NAME (Please type or print)

Signature

COMMRADM
Title

29 NOV 94
Date

NAVAL ORDNANCE CENTER
Activity

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)

Signature

G. R. STERNER
Commander
Title Naval Sea Systems Command

11/29/94
Date

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)

Signature

Title

12/5/94
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

J. F. STEADLEY
NAME (Please type or print)

Signature

Commanding Officer
Title

28 SEP 1994
Date

Naval Weapons Station Seal Beach
Activity

BRAC CERTIFICATION - DATA CALL (CAPACITY) REVISIONS

WPNSTA SEAL BEACH

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)

J. C. DEVLIN, CAPT, USN
NAME (Please type or print)

Signature

Commander
Title

24 Oct 94
Date

NAVORDCEN PACDIV
Activity

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)

Signature

COMMANDER
Title

7 Nov 94
Date

NAVAL ORDNANCE CENTER
Activity

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)
G. R. STERNER

Signature

Commander
Title

11-8-94
Date

Naval Sea Systems 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)

Signature

Title

12/7/94
Date

R

BRAC-95 CERTIFICATION

REVISED DATA CALL WORK SHEET FOR CAPACITY DATA CALL - NAVAL WAPONS STATIONS, NAVAL MAGAZINES AND STRAEGIC MISSILE FACILITIES

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."

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

ACTIVITY COMMANDER

J. F. STEADLEY
NAME (Please type or print)

Signature

Commanding Officer
Title

21 Oct 94
Date

Naval Weapons Station Seal Beach
Activity

R

BRAC-95 CERTIFICATION

REVISED DATA CALL WORK SHEET FOR CAPACITY DATA CALL NAVAL WEAPONS STATIONS, NAVAL MAGAZINES AND STRATEGIC MISSILE FACILITIES

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

ACTIVITY COMMANDER

J. F. STEADLEY	
NAME (Please type or print)	Signature
Commanding Officer	12 Sep 94
Title	Date
Naval Weapons Station Seal Beach	
Activity	

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)

J. C. DEVLIN, CAPT, USN
NAME (Please type or print)

Signature

Commander
Title

15 Sep 94
Date

NAVORDCEN PACDIV
Activity

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)

Signature

COMMANDER
Title

26 OCT 94
Date

NAVAL ORDNANCE CENTER
Activity

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)
G. R. STERNER

Signature

Co[illegible]
Title [illegible] Sea Systems Command

11-8-94
Date

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)

Signature

Title

12/2/94
Date

Document Separator

DATA CALL 63
FAMILY HOUSING DATA 105

Information on Family Housing is required for use in BRAC-95 return on investment calculations.

Installation Name:	WPNSTA SEAL BEACH CA
Unit Identification Code (UIC):	N60701
Major Claimant:	NAVSEA

Percentage of Military Families Living On-Base:	~~36~~ 36.4% CW
Number of Vacant Officer Housing Units:	0
Number of Vacant Enlisted Housing Units:	0
FY 1996 Family Housing Budget ($000):	~~95.2~~ 77.4 CW
Total Number of Officer Housing Units:	~~2.3~~ 2 CW
Total Number of Enlisted Housing Units:	~~17.4~~ 17 CW

Line 4, Percentage of Military Families Living on Base, is taken from DD Form 1377.
Lines 7-9, represents the activitys' "fair share" of the complex total of the family housing budget and inventory of officer and enlisted units. This data was provided by COMNAVFACENGCOM.
This UIC contains 60 personnel entitled to BAQ W/Dependents out of a complex total of 6186 personnel entitled to BAQ W/Dependents.

There are 166 activities identified within this complex.

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.

CW 7/13 Enclosure (1)
Chris Ward
July 13, 1994
NAVFAC 52 5W

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)

Signature

COMMANDER
Title

7/20/94
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)

Signature

Title

7/25/94
Date

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 of 8 Dec 93

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

SOUTHWESTNAVFACENGCOM

THOMAS E. GUSS
Name (Please type or print)

Signature

COMMANDING OFFICER
Title

7/13/94
Date

Document Separator

10

DATA CALL 66
INSTALLATION RESOURCES

ACTIVITY: N60701

Activity Information:

Activity Name:	NAVAL WEAPONS STATION, SEAL BEACH
UIC:	N60701
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.

DATA CALL 66
INSTALLATION RESOURCES

ACTIVITY: N60701

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: Naval Weapons Station, Seal Beach		**UIC:** N60701	
Category	**FY 1996 BOS Costs ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	150	153	303
1b. Minor Construction	7	20	27
1c. Sub-total 1a. and 1b.	157	173	330
2. Other Base Operating Support Costs:			
2a. Utilities	77	0	77
2b. Transportation	0	0	0
2c. Environmental	0	0	0
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	118	254	372
2f. Bachelor Quarters	144	79	223

DATA CALL 66
INSTALLATION RESOURCES

ACTIVITY: N60701

2g. Child Care Centers	0	0	0
2h. Family Service Centers	0	0	0
2i. Administration	54	1,340	1,394
2j. Other (Security)	553	6,376	6,929
2k. Other (Service Wide Supply)	2	300	302
2l. Other (Engineering Support)	65	19	84
2m. Other (Disaster Prep)	30	70	100
2n. Other (Food Service - Galley)	303	102	405
2o. Sub-total 2a. through 2n:	1,346	8,540	9,886
3. Grand Total (sum of 1c. and 2o.):	1,503	8,713	10,216

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:

Appropriation	Amount ($000)
O&M,N	$10,216

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 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 2l., 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: Naval Weapons Station, Seal Beach & NAVORDCEN PACDIV		**UIC:** N60701 & N68968	
Category	**FY 1996 Net Cost From UC/FUND-4 ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)	661	1,514	2,175
1b. Real Property Maintenance (<$15K)	1,279	548	1,827
1c. Minor Construction (Expensed)	10	0	10
1d. Minor Construction (Capital Budget)	225	0	225
1c. Sub-total 1a. through 1d.	2,175	2,062	4,237
2. Other Base Operating Support Costs:			
2a. Command Office	92	1,526	1,618
2b. ADP Support	1,916	1,563	3,479
2c. Equipment Maintenance	91	510	601

DATA CALL 66
INSTALLATION RESOURCES

ACTIVITY: N60701

2d. Civilian Personnel Services	677	2,887	3,564
2e. Accounting/Finance	198	2,354	2,552
2f. Utilities	587	15	602
2g. Environmental Compliance	0	1,404	1,404
2h. Police and Fire	186	1,446	1,632
2i. Safety	1,186	1,941	3,127
2j. Supply and Storage Operations	183	1,746	1,929
2k. Major Range Test Facility Base Costs	0	0	0
2l. Other (Public Works Support)	861	1,988	2,849
2m. Other (Base Communications)	557	0	557
2n. Other (Feca)	542	0	542
2o. Other (Military Labor)	0	871	871
2p. Other (Engineering Support - less Envir.)	242	97	339
2q. Resources and Planning	286	1,474	1,760
2r. Sub-total 2a. through 2q:	7,604	19,822	27,426
3. Depreciation	2,149	0	2,149
4. Grand Total (sum of 1c., 2r., and 3.) :	11,926	21,884	33,812

DATA CALL 66
INSTALLATION RESOURCES

ACTIVITY: N60701

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.

Table 3 - Contract Workyears	
Activity Name: Naval Weapons Station, Seal Beach	**UIC:** N60701
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	137.0
Facilities Support:	48.2
Mission Support:	71.5
Procurement:	2.0
Other:*	2.2
Total Workyears:	260.9

*** Note:** Admin Services Tuition 1.1
Equipment Maintenance - rehab forklifts 1.1

DATA CALL 66
INSTALLATION RESOURCES

ACTIVITY: N60701

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.

Table 2 - Services/Supplies Cost Data	
Activity Name: Naval Weapons Station, Seal Beach	**UIC:** N60701
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	1,061
Material and Supplies (including equipment):	17,074
Industrial Fund Purchases (other DBOF purchases):	4,943
Transportation:	6
Other Purchases (Contract support, etc.):	24,638
Total:	47,722

DATA CALL 66
INSTALLATION RESOURCES

ACTIVITY: N60701

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)):

127.2 Workyears

2) Estimated number of workyears which would be eliminated:

133.7 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

DATA CALL 66
INSTALLATION RESOURCES

ACTIVITY: N60701

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.)
1.0	Linen Services Contracts
3.0	Cost Center 70 OSCR Engineering support
6.0	Cost Center 70 OSCR Technical support
10.0	

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
1.0	Linen Services Contracts
4.0	Cost Center 70 Technical support
5.0	

BRAC-95 CERTIFICATION

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ACTIVITY COMMANDER

J. F. STEADLEY, CDR, USN
NAME (Please type or print)

Signature

COMMANDING OFFICER
Title

26 JUL 1994
Date

NAVAL WEAPONS STATION SEAL BEACH
Activity

DATA CALL 66

BRAC DATA CALL #66

NAVAL WEAPONS STATION, SEAL BEACH

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)

Signature

Acting Commander
Title

27 Jul 94
Date

Naval Ordnance Center, Pacific Division
Activity

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)

Signature

ACTING COMMANDER
Title

7/29/94
Date

NAVAL ORDNANCE CENTER
Activity

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

MAJOR CLAIMANT LEVEL

G. R. STEINER
NAME (Please type or print)

Signature

Title
Sea Systems Command

8-15-94
Date

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)

J. B. GREENE, JR.
NAME (Please type or print)

Signature

ACTING
Title

22 AUG 1994
Date

DATA CALL SUPPLEMENT
FOR
JOINT CROSS SERVICE GROUP - DEPOT MAINTENANCE

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Encl (2)

DATA CALL SUPPLEMENT FOR
JOINT CROSS SERVICE GROUP-DEPOT MAINTENANCE

This supplement is designed to facilitate the cross service analysis required of the 1995 Base Realignment and Closure (BRAC-95) process. It requests data in a standardized format that will be used by the Joint Cross Service Group-Depot Maintenance (JCSG-DM) to develop closure and realignment alternatives to be given to the Military Departments for their analysis and final recommendations. The JCSG-DM Data Call consists of two sections, one for capacity measurements and a second measuring "measures of merit". This Data Call has been formatted to assist the preparer in providing the required information with the minimum amount of effort. If questions arise, contact your Military Department BRAC-95 office for clarification.

Notes in the context of this data call:

1. Base your responses on workload as programmed for your activity. Unless otherwise specified, use workload mixes as programmed in the FYDP.

2. Direct Labor Hours (DLH) is the common unit of measure unless specifically noted otherwise in the question.

3. Information requested in this supplement may duplicate data requested by BRAC 95 data calls from the individual Military Departments. If this occurs, read both questions carefully to ensure that they are in fact asking for identical information, and if that is the case, transfer information from one data call to the other.

4. These questions should be passed up and down the chain of command without editing or rewriting. This standardized data call is designed to support an auditable process by having each activity (regardless of Military Department assigned) respond to the same question.

5. "Core" capability calculations are to be performed in accordance with Office of the Under Secretary of Defense (Logistics) Memorandum dated November 15, 1993 (Subject: Policy for Maintaining Core Depot Maintenance Capability).

6. Capacity and utilization index calculations will be performed in accordance with the Defense Depot Maintenance Council approved update to DoD 4151.15H (Depot Maintenance Capacity/Utilization Index Measurement) dated December 5, 1990.

7. All calculations will assume a one shift, 40 hour work week.

8. Workload, capabilities, and capacities will be measured by commodity groups. A detailed breakout of the JCSG-DM commodity groups is contained in the following box. Insert the commodity groups applicable to your depot maintenance activity into the tables whenever a specific break out is requested by the question. Individual Military Departments in their Service specific data calls, may measure data in different commodity groups or categories, but for the Joint Cross Service analysis, these commodity groups must be utilized.

9. Data will be amounts as of the end of the applicable fiscal year.

Commodity Groups List

1. Aircraft Airframes:
   a. Rotary
   b. VSTOL
   c. Fixed Wing
      (1) Transport / Tanker / Bomber /
      (2) Command and Control
      (3) Light Combat
      (4) Admin / Training
   d. 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 Equipment (except aircraft)
    Small Arms / Personal Weapons
    Munitions / Ordnance
    Ground Generators
    Other

JOINT CROSS SERVICE - DEPOT MAINTENANCE

Table of Acronyms

$/DLH	Cost per Direct Labor Hour
$K	Thousands of Dollars
ADMIN	Administrative; administration
AICUZ	Air Installations Compatible Use Zone
AOC$	Annual Operating Cost (dollars)
CCN	Category Code Number
DBOF	Defense Business Operating Fund
DLH	Direct Labor Hour
DoD	Department of Defense
ESQD	Explosive Safety Quantity Distance
FMS	Foreign Military Sales
FY	Fiscal Year
FYDP	Future Year Defense Plan
GTE	Gas Turbine Engines
HERF	Hazardous Electronic Radiation - Fuels
HERO	Hazardous Electronic Radiation - Ordnance
HERP	Hazardous Electronic Radiation - Personnel
JCSG-DM	Joint Cross Service Group - Depot Maintenance
KSF	Thousands of Square Feet
PRV	Plant Replacement Value
R&D	Research and Development
RPM	Real Property Maintenance
SF	Square Feet
WG	Wage Grade

DATA CALL SUPPLEMENT
FOR
JOINT CROSS SERVICE GROUP - DEPOT MAINTENANCE

CAPACITY

1. Capacity Utilization

1.1 Calculate the capacity index for the commodity groups applicable to depot maintenance work at your activity. Provide your answers expressed in direct labor hours (DLHs) in Table 1.1.a by commodity groups for the Fiscal Years requested.

Table 1.1.a: **Capacity Index**

COMMODITY GROUP	INDEX (DLHs)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missile/Missile Components	52,500	0	0	0	0
TOTAL	52,500	0	0	0	0

1. Capacity Utilization, continued

1.2 Calculate the utilization index for the commodity groups applicable to depot maintenance work at your activity. Provide your answers expressed as a percentage (%) in Table 1.2.a by commodity groups for the Fiscal Years requested.

Table 1.2.a: **Utilization Index**

COMMODITY GROUP	**INDEX (%)**				
	FY 1995	**FY 1996**	**FY 1997**	**FY 1998**	**FY 1999**
Missile/Missile Components	40%	0%	0%	0%	0%
TOTAL	40%	0%	0%	0%	0%

1. Capacity Utilization, continued

1.3 Assuming (a) the current projected total workload remains as assigned; (b) that sufficient production demand is available to justify maximum hiring, with no significant investment in capital equipment; and (c) no major Military Construction additional to that already approved and funded: what is the maximum extent to which operations, by commodity group, could be expanded for depot maintenance work at your activity, based on the current and future planned workload mixes? Please provide your response in the absolute maximum number of direct labor hours (DLHs).

Table 1.3.a: **Maximum Potential Capacity**

COMMODITY GROUP	INDEX (DLHs)				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missile/Missile Components	52,500	78,750	78,750	78,750	78,750
TOTAL	52,500	78,750	78,750	78,750	78,750

CAPACITY

2. Plant Replacement Value

2.1 What is the estimated Plant Replacement Value (PRV) as of the end of each Fiscal Year of your depot maintenance activity expressed in thousands of dollars ($K) as a function of the facilities and equipment? Provide your answer in Table 2.1.

Table 2.1: **Expenditures and Equipment Values**

PRV	**$ K**				
	FY 1995	**FY 1996**	**FY 1997**	**FY 1998**	**FY 1999**
Facilities	3,234	3,234	0	0	0
Equipments	35,000	35,000	0	0	0
TOTAL	38,234	38,234	0	0	0

CAPACITY

3. Programmed Workload

3.1 Given the current configuration and operation of your activity, provide the programmed depot level workload by commodity group in Tables 3.1.a and 3.1.b. Express your answer in both dollars ($K) and direct labor hours (DLH) for the Fiscal Years requested.

Table 3.1.a: **Programmed Workload**

COMMODITY GROUP	$ K				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missile/Missile Components	1,451K	0	0	0	0
TOTAL	1,451K	0K	0	0	0

Table 3.1.b: **Programmed Workload**

COMMODITY GROUP	DLHs				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
Missile/Missile Components	21,000	0	0	0	0

COMMODITY GROUP	DLHs				
	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999
TOTAL	21,000	0	0	0	0

3CAPACITY

4. Service Centers of Excellence

4.1 If your activity has been designated as a Service Center of Excellence for any of the commodity groups, please identify them below.

STANDARD Missile Autopilot Battery Units (APBU) and Steering Control Units (SCU).

DATA CALL SUPPLEMENT
FOR
JOINT CROSS SERVICE GROUP - DEPOT MAINTENANCE

MEASURES OF MERIT

Geographic

1. Location

1.1 Specify any special strategic importance or military value consideration of your activity accruing from its geographical location.

Activity	Location	Description of Strategic Importance/Military Value
WPNSTA	Seal Beach	Only organic Depot Level Maintenance Facility (DLMF) for STANDARD Missile Steering Control Units (SM-1 and SM-2) and Autopilot Battery Unit (SM-1). It is co-located with the ILMF and its close proximity to the In-Service Engineering Activity (NSWSES, Port Hueneme) enhances Fleet readiness.

Geographic, continued

2. Environmental Compliance

Answers to the following questions need to reflect the particular workloads or processes affected by the environmental restrictions/compliance.

2.1 Is your activity in full compliance with all Federal, state, and local environmental regulations? If not in full compliance, provide a comprehensive list of individual regulations that require actions to be taken. What compliance waivers have been granted? When must the activity come into compliance?

Type	Regulation	Waiver (Date Expires)	Date Must be in Compliance
	Yes		

2.2 Has any actual or programmed work at this installation been restricted or delayed because of environmental considerations, such as air or water quality? If so, provide the details of the impact of the restrictions or delays.

Programmed Work	Restriction/Delay	Describe Impact
SCU/APBU Paint	Air Pollution Max. 1¼ gal epoxy paint per booth per day (2 booths)	None

Geographic, continued

3. Environmental Restrictions

Answers to the following questions need to reflect the particular workloads or processes affected by the environmental restrictions/compliance.

3.1 Are there any special programs relating to environmental or industrial waste considerations for your activity? If so, provide the details.

Special Program	Environmental/Industrial Waste	Describe
None		

3.2 Within what provisions must the activity operate with regard to disposal of hazardous wastes and radioactive materials?

Type	Provisions	Describe
All Federal, Navy, State and local regulations are followed		

Geographic, continued

4. Other Collocated Activities

4.1 Are there any collocated activities that directly benefit or relate to the depot maintenance activity? If yes, list and describe the impact of each. Include benefits derived from being collocated.

Collocated Activity	Benefit/Relationship	Describe Impact
ILMF/Ordnance	Gets missile sections directly from DLMF. (APBU/SCU) Transportation costs are minimal and processing time is shorter.	STANDARD Missile readiness increases.

4.2 Do collocated activities support, or are they supported by, the depot maintenance activity?

Collocated Activity	Describe Relationship
Supply Dept.	Provides services to procure material.
Ordnance Dept.	Provide storage of sections and inventory control. Provide shipping services.

Geographic, continued

4. Other Collocated Activities, continued

4.3 How would these activities and the depot maintenance activity function if they were not collocated?

Collocated Activity	Describe Impact if not Collocated
Supply Dept	Cost to procure material will increase. Time to obtain material will also increase which could jeopardize completion of units.
Ordnance Dept	Cost to process completed sections would probably be doubled. Shipping delays would occur and transportation cost will increase. Timely availability of sections at the ILMF will decrease, thus jeopardizing Fleet readiness.

Geographic, continued

5. Encroachment

5.1 Have operations at this activity been at all constrained to accommodate requests of the local communities?

Type of Encroachment	Operation Impacted	Describe
No		

5.2 Indicate any encroachment constraints on current or future operations that would restrict future expansion.

Type of Encroachment	Constraint on Expansion	Describe
None		

MEASURES OF MERIT

Facilities and Equipage

6. Unique or Peculiar Facilities

6.1 List unique or peculiar testing facilities, excluding equipment (e.g. runways, railheads, ports, tracks, ponds, etc.).

Test Facility	Describe Uniqueness/Peculiarity
APBU/SCU	Specialized test equipment. Humidity and temperature controlled areas. Conductive floors (ESD controlled environment).

6.2 Indicate the reasons that these facilities are required by the depot maintenance function.

Test Facility	Reasons Required for Maintenance
APBU/SCU	Provide Fleet with STANDARD Missiles.

6.3 How could the depot maintenance functions be performed without these specialized facilities?

Test Facility	Describe Testing Alternatives
APBU/SCU	Contractors (OEM)

Facilities and Equipage, continued

7. Buildings and Their Condition

7.1 List the buildings used to perform the depot maintenance functions by category code numbers (five or six digit CCNs), identifying their current condition (adequate, substandard, and inadequate) in Table 7.1 in thousands of square feet (KSF).

Table 7.1: **Facility Conditions**

CCN	Facility Type	Condition / Area (# KSF)			Comments
		Adequate	Substandard	Inadequate	
59-	Std Msl Depot Level Maint. Fac. APBU/SCU	19,575	0	0	
21351					
Total		19,575	0	0	

Facilities and Equipage, continued

7.2 In Table 7.2.a, identify space available for expansion by building type for those facility category code numbers (five or six digit CCNs) that are most important to your mission. An activity's expansion capability is a function of its ability to reconfigure/rehabilitate existing underutilized facilities to accept new or increased requirements.

Table 7.2.a: **Space Available for Expansion**

Building ID / Type	**CCN**	**Installation Space (KSF)**			**Total**
		Adequate	**Substandard**	**Inadequate**	
59	21351	6,500			6,500
128	21351	20,000			20,000
126	21351	15,000			15,000
	TOTAL:	41,500			41,500

Facilities and Equipage, continued

8. Unique and/or Peculiar Capabilities and Capacities

8.1 What unique and/or peculiar capabilities and capacities does the depot maintenance activity possess?

Depot Maintenance Capability/Capacity	Describe Why Unique/Peculiar
- Paint Room - Chemical & Potting Room w/filtered vent exhaust	To get a new environmental permit for painting, chemical application, and potting.
- ESD Controlled	Avoid degredation of electronics.
- MIL-STD 2000 Soldering	Latest requirement.

8.2 Separately list the depot maintenance facilities and equipment which are one of a kind within the Service and/or DoD.

Facility/Equipment	Describe Why It is One of a Kind
- Freezer 200 sq. ft.	Keeps Autopilot Batteries at a constant +20°F which enables the DLMF and the ISEA to extend life of batteries from 20 - 28 years.

Facilities and Equipage, continued

9. Acreage Available for Building

9.1 What acreage on the installation does the government own in the proximity of the depot maintenance area that could be used for future expansion? 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. Developed area is defined as land currently with buildings, roads, and utilities where further development is not possible without demolition of existing improvements. Report 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.

Table 9.1: **Real Estate Resources** (R

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	703	287	291	125
Operational	721	362	76	283
Training	0	0	0	0
R & D	0	0	0	0
Supply & Storage	2244	973	762	509
Admin	91	62	0	29
Housing	36	21	0	15
Recreational	105	77	0	28
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	2255*	2255*	0	0
Hunting/Fishing Programs	0	0	0	0
Other: Wildlife	1104	1104	0	0

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Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Refugee				
Total:	5004	2886	1129	989

NOTE: Restricted area is within ESQD arcs.

*This is a joint use function with other areas, i.e. supply & storage, maintenance and operations

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Facilities and Equipage, continued

10. Administrative Space

10.1 What amount in square feet of administrative space could be made available to the depot maintenance function?

Current Use	Square Feet	Potential Use (Be Specific)
Admin and Engineering Data Mgmt	6,500	Testing and reworking of APBUs & SCUs

11. Industrial Waste

11.1 Are there any inhibiting factors that would limit future expansion on the base? Provide the details if applicable.

Inhibiting Factor	Provide Detailed Description
Only allowed to exhaust specific limits of paint volatiles, chemicals, etc.	Depot work would probably need to use more chemicals and paints. The SCAQMD has set a maximum limit that restricts the amount of work that can be done. Improved environmental control equipment will be required to increase these processes.

MEASURES OF MERIT

Workload and Capabilities

Answers to the following questions are to reflect programmed amounts by commodity group, by activity in direct labor hours by Fiscal Year for FY 1996 through FY 1999.

12. Core Capabilities (DoD)

12.1 What is the amount of core capability required to support your own Service? Provide your answers in Table 12.1.a by commodity group for the Fiscal Years requested.

Table 12.1.a: **Service Required Core**

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
Missiles/Missile Components	0	0	0	0
TOTAL	0	0	0	0

Workload and Capabilities, continued

12. Core Capabilities (DoD), continued

12.2 What is the amount of capability retained for the performance of other Services core? Provide your answers in Table 12.2.a by commodity group for the Fiscal Years requested.

Table 12.2.a: **Core Capability Retained for Other Services** (R

COMMODITY TYPE	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
N/A				
TOTAL				

Workload and Capabilities, continued

12. Core Capabilities (DoD), continued

12.3 What portion of the Service Core capability identified in the 12.1a above is identified as Service-Controlled Core (Title 10 responsibility)? Provide your answer in Table 12.3.a by commodity group for the Fiscal Years requested.

Table 12.3.a: **Service-Controlled Core (Title 10)** (R

COMMODITY GROUP	Capability (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
N/A				
TOTAL				

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Workload and Capacities, continued

13. Core Workloads - Section N/A **(R**

13.1 What are your total Core Workloads to be applied against capabilities identified in Tables 12.1a and 12.2a)? Provide your answer (DLH) in Table 13.1.a by commodity group for the Fiscal Year requested.

Table 13.1a **Total Core Workloads**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
TOTAL				

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Workload and Capabilities, continued

14. Other Workloads (Above Core) - Section N/A (R

14.1 What above core workloads do you perform by these source categories? Use the most appropriate category, but do not duplicate workload on more than one table. Provide answers in Tables 14.1.a through 14.1.g by commodity group for the Fiscal Years requested.

Table 14.1.a: **FMS Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
TOTAL				

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Workload and Capabilities, continued

14. Other Workloads (Above Core), continued

Table 14.1.b: **Interservice Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
TOTAL				

Table 14.1.c: **Other Agency Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
TOTAL				

Workload and Capabilities, continued

14. Other Workloads (Above Core), continued

Table 14.1.d: **Last Source of Repair Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
TOTAL				

Workload and Capabilities, continued

14. Other Workloads (Above Core), continued

Table 14.1.e: **Within Service Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
TOTAL				

Workload and Capabilities, continued

14. Other Workloads (Above Core), continued

Table 14.1.f: **Low Quantity Above Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
TOTAL				

Workload and Capabilities, continued

14. All Other Workloads (Above Core), continued

Table 14.1.g: **All Other Workload (Above Core)**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
TOTAL				

Workloads and Capabilities, continued

14. Other Workloads (Above Core), continued

Table 14.1.h: **Total Above Core Workload**

(Sum of Tables 14.1.a through 14.1.g)

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
TOTAL				

Workload and Capabilities, continued

15. Unique and/or Peculiar Workloads (Refer to Question 8.1) - Section N/A **(R**

15.1 What amount of the workload reported in question 8.1 is Core? Provide your answer in Table 15.1 by commodity groups for the Fiscal Years requested.

Table 15.1: **Unique and/or Peculiar Total Core Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
TOTAL				

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Workload and Capabilities, continued

15. Unique and/or Peculiar Workloads (Refer to Question 8.1), continued

15.2 What amount of the workload reported in question 8.1 is non-Core? Provide your answer in table 15.2 by commodity group for the Fiscal Years requested.

Table 15.2: **Non-Core Unique and/or Peculiar Workload**

COMMODITY GROUP	Workload (DLHs)			
	FY 1996	FY 1997	FY 1998	FY 1999
TOTAL				

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Workload and Capabilities, continued

16. Scope of Work Performed

16.1 Indicate the services/functions performed at this activity that are associated with depot maintenance, but not generally classified or considered as integral to the depot maintenance functions.

Service/Function	Description
Machine Shop	Manufacturing fixtures, jigs, etc.
Engineering	Repair procedures, trouble shooting.
Supply	Store/procure materials.

16.2 Describe how these services/functions are related to accomplishment of the depot maintenance mission, and the benefits of these relationships.

Service/Function	Describe Relationship and Benefit to Maintenance Mission
	(See above)

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Workload and Capabilities, continued

17. Interface with Customers

17.1 Indicate any special functions that the depot maintenance function performs that require close interface with customers, such as on-site workloads (e.g. technical assistance, crash/battle damage repairs, modification/upgrade installations).

Service/Function	Describe Required Interface/Relationship/Benefit
Technical Support	Misfire investigations; test equipment upgrading and maintenance requiring constant data interchange and analysis with the ISEA and Program Office.
ORDALTs	Development of technical documentation.
Workloads	Interchange of technical/financial data.

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MEASURES OF MERIT

Costs [1]

18. Real Property Maintenance (RPM)

18.1 What is your activity's backlog of real property maintenance for facilities performing depot maintenance as of 30 September 1993 (express in $K)?

$10K

18.2 What were your activity's annual RPM expenses (in $K) for Fiscal Years 1990-1993? Provide your answers in Table 18.2.

Table 18.2: **Real Property Maintenance Expenses**

	FY 1990	FY 1991	FY 1992	FY 1993
RPM Expenses ($K)	9	42	23	115

19. Annual Operating Costs (Excludes Materials used in Depot Maintenance Workloads)

19.1 What were the total depot maintenance actual annual operating costs for your activity (AOC/$K), excluding materials, used in depot maintenance workloads for Fiscal Years 1990-1993? What was the cost per direct labor hour ($DLH) for actual executed hours reported in the DBOF? Provide your answers in Table 19.1.a.

Table 19.1: **Annual Operating Costs**

EXPENSE	FY 1990	FY 1991	FY 1992	FY 1993
AOC ($ K)	4,036	3,882	2,201	2,422
$ / DLH	43.00	42.49	51.76	52.12

Costs, continued

20. Environmental Compliance

There are inherent differences in organizational structure and accounting systems across the Services. Consequently, cost accumulations vary considerably. This severely limits the comparability of the cost per direct labor hour ($/DLH) rates across Service lines.

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20.1 What were your total depot maintenance actual and programmed environmental compliance costs (expressed in $K) for Fiscal Years 1990-1997? Provide your answers in Table 20.1.

Table 20.1: **Environmental Compliance Costs**

COST($K)	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Actual	8K	7K	9K	10K				
Programmed	10K	11K	12K	14K	15K	10K	0	0

20.2 If spending is accomplished as programmed above, what will be the remaining costs (backlog at the end of Fiscal Year 1997 expressed in $K) to bring existing facilities/equipment into environmental compliance?

21. Local Wage Rate

21.1 What were your Department of Labor local wage rates for a WG-11, step 3 for Fiscal Years 1991 through 1994?

Table 21.1: **Wage Rate**

Wage Rate	FY 1991	FY 1992	FY 1993	FY 1994
WG-11 / Step3	14.64	15.25	15.81	16.23

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Costs, continued

22. Programmed Capital Investments

22.1 How much is programmed for new mission equipment for Fiscal Years 1996 through 1999? Provide your answer (in $K) in Table 22.1.

22.2 How much is programmed for replacement equipment for Fiscal Years 1996 through 1999? Provide your answer (in $K) in Table 22.1.

Table 22.1: **Programmed Capital Investments**

TYPE	FY 1996	FY 1997	FY 1998	FY 1999
NEW MISSION ($K)	0	0	0	0
REPLACEMENT ($K)	0	0	0	0

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Document Separator

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NAVAL WEAPONS STATION SEAL BEACH
N60701

ENVIRONMENTAL DATA CALL:
DATA CALL TO BE SUBMITTED TO
ALL NAVY/MARINE CORPS HOST ACTIVITIES

20 APRIL 1994

Encl (1)

NAVAL WEAPONS STATION SEAL BEACH
N60701

BRAC 1995 ENVIRONMENTAL DATA CALL:
All Navy/Marine Corps Host Ativities

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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.

Tenant Command Name	UIC
Seal Beach National Wildlife Refuge	11680
Mobile Mine Assembly Group Unit One	30129
Branch Medical Clinic	32957
Branch Dental Clinic	35207
Defense Reutilization Material Off	39226
Navy Exchange Branch, Seal Beach	39286
Field Rep, ROICC	44267
Long Beach Naval Shipyard	60258
Navy Exhibit Center	62444
Field Rep, NSWSES	63394
Naval Ordnance Center, Pacific Div	68968
Naval Reserve, NWS Seal Beach, HQ119	87228
Naval Reserve, NWS Seal Beach, Unit 219	89621
Naval Reserve, NWS Seal Beach, Unit 319	86014
Defense Finance & Accounting	00034
Federal Aviation Administration	
Field Rep, UNICOR	
Field Rep, General Dynamics	
Sea Air Federal Credit Union	
AFGE, Local 2161	
Welfare & Rec Vendor	

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R

Activity: N60701

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)	
Rallus longirostris levipes-light footed clapper rail	endangered	federal	0	911	(R
Pelicanus occidentalis californicus-brown pelican	endangered	federal	0	0	(R
Falco peregrinus-Peregrine falcon	endangered	federal	0	0	(R
Sterna antillarum browni-CA least tern	endangered	federal	0	50	(R
Chandrius alexandrinus nivosus-western snowy plover	threatened	federal	0	TBD*	
Ammodramus sandwichensis belding-Belding savannah sparrow	endangered	state	0	911	(R

*Species has recently been added to the endangered list. Area to be determined.

Source Citation: **U.S. F.W.S. personal contact 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

Approximately 1,000 acre National Wildlife Refuge restricts development.

No specific projects have been impacted by endangered/threatened species. (R

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

4 5 R 9/27/94

Activity: N60701

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)
Rallus longirostris levipes-light footed clapper rail	endangered	federal	0	91
Pelicanus occidentalis californicus-brown pelican	endangered	federal	0	
Falco peregrinus-Peregrine falcon	endangered	federal	0	
Sterna antillarum browni-CA least tern	endangered	federal	0	5
Chandrius alexandrinus nivosus-western snowy plover	threatened	federal	0	TBD
Ammodramus sandwichensis belding-Belding savannah sparrow	endangered	state	0	91

*Species has recently been added to the endangered list. Area to be determined.

Source Citation: **U.S. F.W.S. personal contact 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

Approximately 1,000 acre National Wildlife Refuge restricts development.

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.	NO

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? 8/93	
What percent of the base has been surveyed?	100%
What is the total acreage of jurisdictional wetlands present on your base? **Data not available yet.**	1000 acres (est

Source Citation: U.S. Navy, Final Environmental Impact Statement, Endangered Species Management and Protection Plan, Naval Weapons Station, Seal Beach, Aug 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

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

Two archaeological sites
- **CA-ORA-298-Hog Island**
- **CA-ORA-322/1118-Administration Area**

Two historic districts
- **Magazine Area**
- **RT&E Area**

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

Incorporated minor modifications into construction contracts, including provisions for an archaeological monitor

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[1]	Permit Status
	TOTAL	Remaining			

[1] 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.

-20,000 gallons per day (GPD)
-discharge limit is 30,000 GPD
-the base is currently in compliance with their permit.
-No violations, recurring or otherwise.

DISCHARGE LIMITS

CONSTITUENT	Instantaneous Limits, mg/L	Daily Max mg/L	Daily Max Lbs/day
Arsenic (As)	2.00	2.00	0.500
Cadmium (Cd)	1.00	1.00	0.250
Chromium Total (Cr)	2.00	2.00	0.500
Copper (Cu)	3.00	3.00	0.751
Lead (Pb)	2.00	2.00	0.500
Mercury (Hg)	0.03	0.03	0.008
Nickel (Ni)	10.00	10.00	2.502
Silver (Ag)	5.00	5.00	1.251
Zinc (Zn)	10.00	10.00	2.502
Cyanide (Total)	5.00	5.00	
Cyanide (amenable)	1.00	1.00	
Polychlorinated Biphenyls	0.01	0.01	0.003
Pesticides	0.01	0.01	0.003
Total Toxic Organics	0.58	0.58	0.145
Total Phenols			
Sulfide (Total)	5.00	5.00	1.251
Sulfide (Dissolved)	0.50	0.50	0.125
Oil & Grease (mineral & petroleum)	100.0	100.0	25.020
Biological Oxygen Demand			15000

pH	6 - 12	6 - 12	6 - 12

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.

Photochemical waste (450 gal/month) from an X-ray development unit is treated to reduce the silver content. This process requires a state hazardous waste treatment permit.

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.

-City of Seal Beach, California
-Useage: Normal - 200,000 GPD; Max available 1,500,000 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.	

Permit Conditions:
(1) eliminate non-stormwater discharge 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? **South Coast Air Quality Management District**
Is 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: WPNSTA SEAL BEACH AQCA: **SCAQMD**

Pollutant	Attainment	Non-Attainment	Maintenance	Target Attainment Year[1]	Comments[2]
CO		X		2000	SERIOUS
Ozone		X		2010	EXTREME
PM-10		X		10 YRS AFTER	SERIOUS
SO_2	X				
NO_2		X		1999	SERIOUS
Pb	X				

1 Based on national standard for Non-Attainment areas or SIP for Maintenance areas.

2 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	1	335.7	N/A	5.4	342.1
NOx	3	27.4	N/A	2.0	32.4
VOC	6	25.6	N/A	4.0	35.6
PM10	1		N/A	.6	1.6

Source Document: AP42, Annual Air Emission Report CY 1990

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	.4	285.4	N/A	5.4	291.2
NOx	1.5	23.3	N/A	2.0	26.8
VOC	2.48	21.8	N/A	4.0	28.28
PM10	.1		N/A	.6	.7

Source Document: **Annual Air Emission Report CY 1993 AP42-Emission Factors**

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?

The base is in a non-attainment area for CO, OZONE, PM-10, SO_2, and NO_2.

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.

The base must implement trip reduction programs such as rideshare. All equipment must have the best available control technology.

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?

Yes, currently the base would need offsets to bring in any new air pollution sources.

Offset credits may be obtained by shutting down equipment or through the community bank.

There are exemptions to obtaining offsets for emergency equipment and replacement 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			50	50			
Safe Drinking Water Act							
PCBs							
Other (non-PCB) Toxic Substance Control Act							
Lead Based Paint							
Radon	**YES-NO ACTION REQUIRED**						
Clean Water Act			100	250	70		
Solid Waste							
Oil Pollution Act							
USTs		10					
Other							
Total		10	150	300	70		

Provide a separate list of compliance projects in progress or required, with associated cost and estimated start/completion date.

FY94-STORMWATER PROGRAM IMPLEMENTATION

BLDG 228	**$250K**	**1996**
BLDG 236	**100K**	**1995**
BLDG 26, 119, 203	**20K**	**1997**
BLDG 128	**50K**	**1997**

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**.

Are asbestos survey costs based on encapsulation, removal or a combination of both? **UNKNOWN**

6c. Provide detailed cost of recurring operational (environmental) compliance costs, with funding source. (R

Funding Source	FY1992	FY1993	FY1994	FY1995	FY1996	FY1997	FY98-99	FY00-01
O&MN								
HA								
PA								
Other O&MN (specify)	NA	NA	18	18	18	18	NA	NA
Other (specify) DBOF	NA	NA	1467	1490	1479	1450	NA	NA (R
TOTAL:	NA	NA	1485	1508	1497	1468	NA	NA (R

6d. Are there any compliance issues/requirements that have impacted operations and/or development plans at your base.

NO.

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
O&MN								
HA								
PA								
Other O&MN (specify)	NA	NA	18	18	18	18	NA	NA
Other (specify) DBOF	NA	NA	1467	1490	1479	1350	NA	NA
TOTAL:	NA	NA	1485	1508	1497	1368	NA	NA

6d. Are there any compliance issues/requirements that have impacted operations and/or development plans at your base.

NO.

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 [1]	Groundwater Contaminated?	Extends off base?	Drinking Water Source?	Cost to Complete ($M)/Est. Compl. Date	Status[2]/Comments
1	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	RI
2	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
3	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
4	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
5	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
6	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
7	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	RI
8	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
9	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
10	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
11	CERCLA	UNKNOWN	NO	NO	UNKNOWN	SI
12	CERCLA	UNKNOWN	NO	NO	UNKNOWN	SI
13	CERCLA	UNKNOWN	NO	NO	UNKNOWN	SI
15	CERCLA	UNKNOWN	NO	NO	UNKNOWN	SI

16	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
17	CERCLA	UNKNOWN	NO	NO	UNKNOWN	SI
18	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
19	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	RI
20	CERCLA	UNKNOWN	NO	NO	UNKNOWN	SI
21	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
22	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	RI
23	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
24	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
25	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
35	CERCLA	UNKNOWN	NO	NO	UNKNOWN	SI
36	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
37	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
38	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
40	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
43	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
44	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
45	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
46	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
47	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	
48	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	

49	CERCLA	UNKNOWN	NO	NO	UNKNOWN	
50	CERCLA	UNKNOWN	NO	NO	UNKNOWN	
51	CERCLA	UNKNOWN	NO	NO	UNKNOWN	
SWMU #41	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
SWMU #42 43	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
SWMU #17	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
SWMU #22	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
SWMU #24	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
SWMU #48	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
SWMU #51	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
SWMU #52 56	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
SWMU #57 64	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
SWMU #65 66	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
SWMU #69	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI
AOC #7	CERCLA/RCRA	UNKNOWN	NO	NO	UNKNOWN	SI

[1] Type site: CERCLA, 'RCRA corrective action (CA), UST or other (explain)

[2] 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?	YES

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.

YES, the base has a Part B Hazardous Waste Storage Facility Permit for two 9100 gallon tanks and one container storage area permitted to hold up to seven hundred twenty 55 gallon drums. The container storage facility is permitted to accept and store for up to one year all waste streams currently generated on a regular basis at WPNSTA Seal Beach, NAVORDCEN PACDIV Fallbrook Detachment, NWAD Corona, and NWAD Pomona. As a condition of the permit, the base is required to do the following:

-Accept waste generated only at and by the facilities listed

above into the container storage facility
-Prepare a Source Reduction Evaluation Review Plan
-Certify waste minimization annually
-Store hazardous waste only in areas listed in the Hazardous Waste Facility Operations Plan
-Perform a chemical analysis of all waste streams stored by the facility
-Maintain the following security measures: a continuous fence and a 24 hour surveillance system
-Report any noncompliance within 24 hours
-Ensure facility personnel have required training each year
-Maintain and update a Contingency Plan
-Maintain six foot aisle space in one area of the storage facility and five foot aisle space in all other areas
-Maintain facility operating records
-Prepare Hazardous Waste Annual Reports
-Prepare, maintain, and implement (at time of closure) a hazardous waste facility Closure Plan
-Perform RCRA corrective action for releases of hazardous waste on 69 Solid Waste Management Units and 9 Areas of Concern
-Comply with all other federal and state laws and regulations applicable to hazardous waste generators and permitted hazardous waste storage facilities

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.

NONE.

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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). (R

Parcel Descriptor	Acres	Location
Main Base	5004	WPNSTA Seal Beach
R.R. Right of Way	28.6	Westminister, CA

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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	5004	WPNSTA Seal Beach
R.R. Right of Way	1856	Westminister, CA

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.)		1782
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)		Wetlands: 1104
		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		1129
Total Undeveloped land considered to be without development constraints		989
Total Off-base lands held for easements/lease for specific purposes. RR Right of Way		28.6
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	1129
	HERF	
	HERP	.02
	HERO	1129
	AICUZ	NA
	Airfield Safety Criteria	NA
	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. 20.9 ACRES (Small arms pistol range)

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.

8b. Provide the acreage of the land use categories listed in the table below: (R

LAND USE CATEGORY		ACRES
Total Developed: (administration, operational, housing, recreational, training, etc.)		563
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)		Wetlands: 1000
		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		3236
Total Undeveloped land considered to be without development constraints		491
Total Off-base lands held for easements/lease for specific purposes. RR Right of Way		28.6
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	3236
	HERF	
	HERP	.02
	HERO	5004
	AICUZ	NA
	Airfield Safety Criteria	NA
	Other	

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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. 20.9 ACRES (Small arms pistol range)

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.

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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.)		563
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)		Wetlands: 1000
		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		3236
Total Undeveloped land considered to be without development constraints		491
Total Off-base lands held for easements/lease for specific purposes. RR Right of Way		1856
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	3236
	HERF	
	HERP	.02
	HERO	5004
	AICUZ	NA
	Airfield Safety Criteria	NA
	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. 20.9 ACRES (Small arms pistol range)

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)
Entrance Channel/Harbor	Anaheim Bay, NWS Seal Beach	Every 5 years	1.5	38	4.0

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 **designated dredge disposal areas** for maintenance dredging material? List location, remaining capacity, and future limitations.	1. Area beaches - indefinite quantities. 2. Ocean disposal - must be coordinated with EPA.
Are there available **designated dredge disposal areas** for new dredge material? List location, remaining capacity, and future limitations.	
Are the dredged materials considered contaminated? List known contaminants.	NO.

8.i. List any requirements or constraints resulting from consistency with **State Coastal Zone Management Plans**.

8j. Describe any **non-point source pollution problems affecting water quality** ,e.g.: coastal erosion.

Potential agricultural runoff
Soil erosion from stock piled soil

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

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.

Great blue heron rookery approx. <.5 acres
Wildlife habitat - barley planted for Canadian geese approx .20 acres
Belding Savannah sparrow - 20 acres

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.

(Natural Resources) Agreement documents for management of historic sites. Without this agreement, we must complete the Section 106 process for every project. This is not manageable.

(Air) Title V - Federal Facilities Permit.

9c. Describe any **other environmental or encroachment restrictions** on base property not covered in the previous 8 sections.

Eleven acres of RR right of way which restricts wharf operations. PCH adjacent to RR right of way restricts the quantity of ordnance WPNSTA Seal Beach can accomodate due to ESQD arc restrictions.

Recreational water craft going through Anaheim Bay.

Westminister Ave - existing magazines are downloaded to ensure ESQD arcs do not encumber street.

9d. List **any future/proposed laws/regulations or any proposed laws/regulations** which will constrain base operations or development plans in any way. Explain.

(Natural Resources) Category species can be proposed for listing and any time and constrain operations which are not constrained now.

(Air) Toxics air emission limits will continue to decrease. This could force us to add additional controls on the permit booths.

SCAQMD wants to implement a reactive organic gases (ROG) Regional Clean Air Incentives Market Program (RECLAIM). This program would look at our facility as a bubble and require ROG decreases each year.

WPNSTA SEAL BEACH DC 33

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)

D. E. Miller
Signature

Commander (Acting)
Title

26 May 94
Date

NAVORDCEN PACDIV
Activity

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)

J C Robertson
Signature

ACTING COMMANDER
Title

6/10/94
Date

NAVAL ORDNANCE CENTER
Activity

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

MAJOR CLAIMANT LEVEL

G. R. [illegible]
NAME (Please type or print)

G. R. Stamm
Signature

Title
[illegible] Systems Command

6/13/94
Date

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)

P.W. DRENNAN
NAME (Please type or print)

Signature

ACTING
Title

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

J. F. STEADLEY
NAME (Please type or print)

Signature

Commanding Officer
Title

25 May 94
Date

Naval Weapons Station Seal Beach
Activity

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, CAPT, USN
NAME (Please type or print)

Signature

Commander
Title

7 Nov 94
Date

NAVORDCEN PACDIV
Activity

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. SUTTON, CAPT, USN
NAME (Please type or print)

Signature

COMMANDER
Title

23 NOV 94
Date

NAVAL ORDNANCE CENTER
Activity

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)

Signature

Commander
Naval Sea Systems Command
Title

11/29/94
Date

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)

Signature

Title

12/5/94
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."

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

ACTIVITY COMMANDER

J. F. STEADLEY
NAME (Please type or print)

Signature

Commanding Officer
Title

28 SEP 1994
Date

Naval Weapons Station Seal Beach
Activity

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, CAPT, USN
NAME (Please type or print)

Signature

Commander
Title

27 Oct 94
Date

NAVORDCEN PACDIV
Activity

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

Signature

COMMANDER
Title

25 NOV 94
Date

NAVAL ORDNANCE CENTER
Activity

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)

Signature

G. R. STERNER
Commander
Title
Naval Sea Systems Command

11/29/94
Date

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)

Signature

Title

12/5/94
Date

2

BRAC-95 CERTIFICATION

REVISED ENVIRONMENTAL DATA CALL: DATA CALL TO BE SUBMITTED TO ALL NAVY/MARINE CORPS HOST ACTIVITIES

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

J. F. STEADLEY	
NAME (Please type or print)	Signature
Commanding Officer	12 Sep 94
Title	Date
Naval Weapons Station Seal Beach	
Activity	

Document Separator

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ACTIVITY: N60701

Activity Identification: Please complete the following table, identifying the activity for which this response is being submitted.

Activity Name:	NAVAL WEAPONS STATION, SEAL BEACH
UIC:	N60701
Major Claimant:	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 relocations 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

8 July 1994

Encl (1)

by the certifying official to clearly document the source of any non-DoD information submitted for this data call

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:	$37,684.92

Source of Data (1.a. Salary Rate): Human Resource Office, NAVORDCEN PACDIV

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". (R

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			
Orange	CA	146	464	50.1	15	16
Los Angeles	CA	49	268	28.9	32	35
Riverside	CA	4	63	6.8	54	70
San Bernadino	CA	1	48	5.2	64	59
San Diego	CA	4	15	1.6	N/A	N/A
Other		0	69	7.4	N/A	N/A
				= 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:

Orange and Los Angeles counties.

Source of Data (1.b. 1) & 2) Residence Data): HRO, NAVORDCEN PACDIV, QOL and Station Resources and Planning Departments for WPNSTA/PACDIV. Telephone calls to tenant activities.

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". (R

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			
Orange	CA	146	464	53.9	15	16
Los Angeles	CA	49	268	28.0	32	35
Riverside	CA	4	63	6.0	54	70
San Bernadino	CA	1	48	4.3	64	59
San Diego	CA	4	15	1.7	N/A	N/A
Other		0	69	6.1	N/A	N/A

= 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:

Orange and Los Angeles counties.

Source of Data (1.b. 1) & 2) Residence Data): HRO, NAVORDCEN PACDIV, QOL and Station Resources and Planning Departments for WPNSTA/PACDIV. Telephone calls to

Revised 27 July 1994

tenant activities.

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)
El Monte	Los Angeles	23
Glendale	Los Angeles	30
Inglewood	Los Angeles	22
Long Beach	Los Angeles	6
Los Angeles	Los Angeles	22
Pasadena	Los Angeles	30
Pomona	Los Angeles	27
Santa Clarita	Los Angeles	50
Torrance	Los Angeles	16
Anaheim	Orange	9
Costa Mesa	Orange	11
Fullerton	Orange	11
Garden Grove	Orange	7
Huntington Beach	Orange	7
Irvine	Orange	14
Orange	Orange	14

Santa Ana	Orange	11

Source of Data (1.c. Metro Areas): The Thomas Guide, Los Angles/Orange Counties Street Guide and Directory, 1994 Edition.

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	1	0.1
20 - 24 Years	11	1.2
25 - 34 Years	169	18.2
35 - 44 Years	258	27.8
45 - 54 Years	343	37.0
55 - 64 Years	136	14.7
65 or Older	9	1.0
TOTAL	927	100 %

Source of Data (1.d.) Age Data): HRO, NAVORDCEN PACDIV for WPNSTA/PACDIV and telephone calls to tenant activities.

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.

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less	0	0.0
9th through 11th Grade	22	2.4
12th Grade or High School Equivalency	363	39.2
1-3 Years of College	294	31.6
4 Years of College (Bachelors Degree)	174	18.8
5 or More Years of College (Graduate Work)	74	8.0
TOTAL	927	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").

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	36
Associate Degree	105
Bachelor Degree	189
Masters Degree	43
Doctorate	3

Source of Data (1.e.1) and 2) Education Level Data): HRO, NAVORDCENPAC for WPNSTA/PACDIV and telephone calls to tenant activities.

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
1. Agriculture, Forestry & Fishing	01-09	0	0.0
2. Construction (includes facility maintenance and repair)	15-17	76	8.2
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	55	5.9
3b. Aircraft (includes engines and missiles)	3721 et al	0	0.0
3c. Ships	3731	0	0.0
3d. Other Transportation (includes ground vehicles)	various	0	0.0
3e. Other Manufacturing not included in 3a. through 3d.	various	26	2.8

Industry	SIC Codes	No. of Civilians	% of Civilians
Sub-Total 3a. through 3e.	20-39	<81>	<8.7>
4. Transportation/Communications/Utilities	**40-49**		
4a. Railroad Transportation	40	5	0.5
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	125	13.5
4c. Water Transportation (includes organizational level maintenance)	44	0	0.0
4d. Air Transportation (includes organizational level maintenance)	45	0	0.0
4e. Other Transportation Services (includes organizational level maintenance)	47	0	0.0
4f. Communications	48	4	0.4
4g. Utilities	49	10	1.1
Sub-Total 4a. through 4g.	40-49	<144>	<15.5>
5. Services	**70-89**		
5a. Lodging Services	70	0	0.0
5b. Personal Services (includes laundry and funeral services)	72	1	0.1
5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services)	73	277	29.9
5d. Automotive Repair and Services	75	0	0.0
5e. Other Misc. Repair Services	76	0	0.0
5f. Motion Pictures	78	0	0.0
5g. Amusement and Recreation Services	79	3	0.3

Industry	SIC Codes	No. of Civilians	% of Civilians
5h. Health Services	80	0	0.0
5i. Legal Services	81	2	0.2
5j. Educational Services	82	0	0.0
5k. Social Services	83	0	0.0
5l. Museums	84	0	0.0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	299	32.4
5n. Other Misc. Services	89	2	0.2
Sub-Total 5a. through 5n.:	70-89	<584>	<63.1>
6. Public Administration	**91-97**		
6a. Executive and General Government, Except Finance	91	0	0.0
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	42	4.5
6c. Public Finance	93	0	0.0
6d. Environmental Quality and Housing Programs	95	0	0.0
Sub-Total 6a. through 6d.		<42>	<4.5>
TOTAL		927	100 %

Source of Data (1.f.) Classification By Industry Data): HRO, NAVORDCEN PACDIV and Station Resources and Planning Department, WPNSTA Seal Beach.

8 July 1994

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
1. Executive, Administrative and Management	302	32.7
2. Professional Specialty		
2a. Engineers	182	19.6
2b. Architects and Surveyors	0	0.0
2c. Computer, Mathematical & Operations Research	36	3.9
2d. Life Scientists	2	0.2
2e. Physical Scientists	5	0.5
2f. Lawyers and Judges	2	0.2
2g. Social Scientists & Urban Planners	0	0.0
2h. Social & Recreation Workers	3	0.3
2i. Religious Workers	0	0.0
2j. Teachers, Librarians & Counselors	0	0.0
2k. Health Diagnosing Practitioners (Doctors)	0	0.0
2l. Health Assessment & Treating(Nurses, Therapists,	0	0.0

ACTIVITY: N60701

Occupation	Number of Civilian Employees	Percent of Civilian Employees
2n. Visual Arts	3	0.3
Sub-Total 2a. through 2n.:	<237>	<25.4>
3. Technicians and Related Support		
3a. Health Technologists and Technicians	0	0.0
3b. Other Technologists	0	0.0
Sub-Total 3a. and 3b.:	0	0.0
4. Administrative Support & Clerical	48	5.2
5. Services		
5a. Protective Services (includes guards, firefighters, police)	42	4.5
5b. Food Preparation & Service	1	0.1
5c. Dental/Medical Assistants/Aides	0	0.0
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	0	0.0
Sub-Total 5a. through 5d.	<43>	<4.6>
6. Agricultural, Forestry & Fishing	0	0.0
7. Mechanics, Installers and Repairers	60	6.5
8. Construction Trades	63	6.8
9. Production Occupations	148	16.0
10. Transportation & Material Moving	26	2.8
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	0	0.0
TOTAL	927	100 %

Source of Data (1.g.) Classification By Occupation Data): HRO, NAVORDCEN PACDIV and Station Resources and Planning Department, WPNSTA Seal Beach.

Occupation	Number of Civilian Employees	Percent of Civilian Employees
Pharmacists, Nutritionists, etc.)		
2m. Communications	4	0.4
2n. Visual Arts	3	0.3
Sub-Total 2a. through 2n.:	<237>	<25.4>
3. Technicians and Related Support		
3a. Health Technologists and Technicians	0	0.0
3b. Other Technologists	0	0.0
Sub-Total 3a. and 3b.:	0	0.0
4. Administrative Support & Clerical	48	5.2
5. Services		
5a. Protective Services (includes guards, firefighters, police)	42	4.5
5b. Food Preparation & Service	1	0.1
5c. Dental/Medical Assistants/Aides	0	0.0
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	0	0.0
Sub-Total 5a. through 5d.	<43>	<4.6>
6. Agricultural, Forestry & Fishing	0	0.0
7. Mechanics, Installers and Repairers	60	6.5
8. Construction Trades	63	6.8
9. Production Occupations	148	16.0
10. Transportation & Material Moving	26	2.8
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	0	0.0

Occupation	Number of Civilian Employees	Percent of Civilian Employees
TOTAL	927	100 %

Source of Data (1.g.) Classification By Occupation Data): HRO, NAVORDCEN PACDIV and Station Resources and Planning Department, WPNSTA Seal Beach.

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.** Busdrivers; material moving equipment operators; rail transportation occupations; truckdrivers; water transportation occupations.
11. **Handlers, Equipment Cleaners, Helpers and Laborers** (not included elsewhere). Entry level jobs not requiring significant training.

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:	65.7
2. Percentage of Military Spouses Who Work Outside of the Home:	50.5
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:	1.9
3c. Employed "Off-Base" - Federal Employment:	1.9
3d. Employed "Off-Base" - Other Than Federal Employment	96.2

Source of Data (1.h.) Spouse Employment Data): Military Affairs Office, WPNSTA Seal Beach and telephone calls to tenant activities.

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.

a. Table A: Ability of the local community to meet the expanded needs of the base. (R

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:			
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 communities" are defined as the communities surrounding WPNSTA Seal Beach. These communities and their population are: Seal Beach (26,050), Los Alamitos (12,150), Garden Grove (149,700), Westminister (81,100) and Huntington Beach (186,900).

a. Table A: Ability of the <u>local community</u> to meet the expanded needs of the base. (R

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:			
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 communities" are defined as the communities surrounding WPNSTA Seal Beach. These communities and their population are: Seal Beach (26,050), Los Alamitos (12,150), Garden Grove (149,700), Westminister (81,100) and Huntington Beach (186,900).

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.

NA

Source of Data (2.a. 1) & 2) - Local Community Table): The Thomas Guide, Los Angeles and Orange Counties, Street Guide and Directory, 1994 Edition.

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	A	A	A
Fire Protection	A	A	A
Police	A	A	A
Health Care Facilities	A	A	A
Utilities:			
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: Economic region includes the counties of Los Angeles (9,158,400) and Orange (2,557,300).

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.

NA

Source of Data (2.b. 1) & 2) - Regional Table): The Thomas Guide, Los Angeles/Orange Counties, Street Guide and Directory, 1994 Edition.

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: 12%.

Units for Sale: In California, the indicator used for this data element is months of unsold inventory. In May, 1994, that indicator was 8.1 months.

Source of Data (3.a. Off-Base Housing): Telephone call on 7/8/94 to Apartment Owners Association, Jim Rodriguez, (213)937-8811. Telephone call on 7/8/94 to California Association of Realtors, Research Department, (213)739-8200.

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	Number of Schools			Enrollment		Pupil-to-Teacher Ratio		Does School District Serve Gov't Housing Units? *
		Element-ary	Middle	High	Current	Max. Capacity (1)	Current	Max. Ratio (2)	
Anaheim City	Orange	21	N/A	N/A	17017	NA	26.9	NA	No
Buena Park	Orange	6	1	N/A	4825	NA	26.4	NA	No
Centralia	Orange	8	N/A	N/A	4685	NA	25.2	NA	No
Cypress	Orange	9	N/A	N/A	4240	NA	22.6	NA	No
Fountain Valley	Orange	8	3	N/A	5845	NA	25.8	NA	No
Fullerton	Orange	14	3	N/A	11124	NA	24.3	NA	No
Huntington Beach City	Orange	6	2	N/A	5849	NA	26.7	NA	No
La Habra City	Orange	6	2	N/A	5094	NA	24.0	NA	No
Magnolia	Orange	8	N/A	N/A	5224	NA	22.9	NA	No
Ocean View	Orange	15	N/A	N/A	8934	NA	24.1	NA	No
Savanna	Orange	4	N/A	N/A	2063	NA	24.4	NA	No
Westminister	Orange	14	3	N/A	8604	NA	23.0	NA	No
Anaheim Union	Orange	N/A	8	11	23466	NA	26.8	NA	No
Fullerton Union	Orange	N/A	N/A	8	12782	NA	28.4	NA	No
Huntington Beach Union	Orange	N/A	N/A	8	13361	NA	25.6	NA	No
Brea-Olinda Unified	Orange	6	1	3	5435	NA	26.1	NA	No
Capistrano Unified	Orange	21	4	5	31282	NA	25.4	NA	No
Garden Grove Unified	Orange	45	9	8	41864	NA	26.2	NA	No
Irvine Unified	Orange	21	4	5	21519	NA	23.7	NA	Yes
Laguana Beach Unified	Orange	2	1	1	2437	NA	22.9	NA	No
Los Alamitos Unified	Orange	4	1	2	7414	NA	25.0	NA	Yes
Newport Mesa Unified	Orange	17	2	6	17560	NA	25.5	NA	No
Orange Unified	Orange	26	6	6	28387	NA	24.9	NA	No
Placentia-Yorba Linda Unified	Orange	19	5	4	22482	NA	26.4	NA	No

School District	County	Number of Schools			Enrollment		Pupil-to-Teacher Ratio		Does School District Serve Gov't Housing Units? *
		Element-ary	Middle	High	Current	Max. Capacity (1)	Current	Max. Ratio (2)	
Saddleback Unified	Orange	23	4	5	27721	NA	24.5	NA	Yes
Santa Ana Unified	Orange	29	8	6	48407	NA	27.0	NA	No
Tustin Unified	Orange	9	3	3	12407	NA	26.3	NA	Yes
ABC Unified	Los Angeles	19	5	6	21623	NA	26.8	NA	No
Alhambra City	Los Angeles	13	N/A	N/A	10691	NA	30.0	NA	No
Alhambra City High	Los Angeles	N/A	N/A	5	13204	NA	30.0	NA	No
Antelope Valley Union	Los Angeles	N/A	N/A	7	13756	NA	30.0	NA	No
Arcadia Unified	Los Angeles	6	3	3	8385	NA	29.7	NA	No
Azusa Unified	Los Angeles	12	3	4	11002	NA	29.2	NA	No
Baldwin Park Unified	Los Angeles	13	4	4	30760	NA	29.0	NA	No
Bassett Unified	Los Angeles	5	2	3	5342	NA	28.8	NA	No
Bellflower Unified	Los Angeles	9	N/A	4	15977	NA	31.0	NA	No
Beverly Hills Unified	Los Angeles	3	N/A	2	4599	NA	25.6	NA	No
Bonita Unified	Los Angeles	8	2	3	9746	NA	29.1	NA	No
Burbank Unified	Los Angeles	11	3	3	17315	NA	30.5	NA	No
Castaic Union	Los Angeles	2	1	N/A	1650	NA	26.9	NA	No
Centinela Valley Union High	Los Angeles	N/A	N/A	3	13300	NA	30.5	NA	No
Charter Oak Unified	Los Angeles	5	1	3	5952	NA	27.7	NA	No
Claremont Unified	Los Angeles	7	1	3	6376	NA	29.3	NA	No
Compton Unified	Los Angeles	24	8	4	32607	NA	29.9	NA	No
Covina-Valley Unified	Los Angeles	12	3	5	36454	NA	28.9	NA	No
Culver City Unified	Los Angeles	4	1	2	4560	NA	27.0	NA	No
Downey Unified	Los Angeles	12	4	5	17996	NA	29.5	NA	No
Duarte Unified	Los Angeles	5	1	2	4453	NA	27.4	NA	No
East Whittier City	Los Angeles	10	3	N/A	7743	NA	28.1	NA	No
Eastside Union	Los Angeles	2	1	N/A	2040	NA	28.8	NA	No
El Monte City	Los Angeles	18	N/A	N/A	11009	NA	27.2	NA	No
El Monte Union High	Los Angeles	N/A	N/A	6	36481	NA	30.0	NA	No
El Rancho Unified	Los Angeles	9	3	2	13616	NA	30.5	NA	No
El Segundo Unified	Los Angeles	1	1	2	2178	NA	29.3	NA	Yes

School District	County	Number of Schools			Enrollment		Pupil-to-Teacher Ratio		Does School District Serve Gov't Housing Units? *
		Element-ary	Middle	High	Current	Max. Capacity (1)	Current	Max. Ratio (2)	
Garvey	Los Angeles	11	2	N/A	7394	NA	30.1	NA	No
Glendale Unified	Los Angeles	19	4	5	28598	NA	30.4	NA	No
Glendora Unified	Los Angeles	6	2	2	6802	NA	28.5	NA	No
Gorman	Los Angeles	1	N/A	N/A	55	NA	19.7	NA	No
Haciendia La Puente Unified	Los Angeles	23	5	6	21176	NA	29.0	NA	No
Hawthorne	Los Angeles	9	0	N/A	7450	NA	25.1	NA	No
Hermosa Beach City	Los Angeles	1	N/A	N/A	810	NA	23.9	NA	No
Hughes-Elizabeth Lakes Union	Los Angeles	1	N/A	N/A	485	NA	31.6	NA	No
Inglewood Unified	Los Angeles	13	2	3	16121	NA	28.6	NA	No
Keppel Union	Los Angeles	5	1	N/A	3300	NA	26.4	NA	No
La Canada Unified	Los Angeles	3	N/A	2	3663	NA	31.0	NA	No
Lancaster	Los Angeles	12	2	N/A	12522	NA	27.7	NA	No
Las Virgenes Unified	Los Angeles	8	2	3	10494	NA	29.7	NA	No
Lawndale	Los Angeles	6	1	N/A	4690	NA	28.9	NA	No
Lennox	Los Angeles	5	1	N/A	5760	NA	28.7	NA	No
Little Lake City	Los Angeles	7	2	N/A	4304	NA	27.5	NA	No
Long Beach Unified	Los Angeles	57	15	8	77310	NA	27.7	NA	Yes
Los Angeles Unified	Los Angeles	415	72	107	704327	NA	28.4	NA	Yes
Los Nietos	Los Angeles	3	1	N/A	1969	NA	29.6	NA	No
Lowell Joint	Los Angeles	4	1	N/A	2772	NA	28.4	NA	No
Lynwood Unified	Los Angeles	9	1	3	14612	NA	27.3	NA	No
Manhattan Beach City	Los Angeles	4	1	1	2513	NA	28.2	NA	No
Monrovia Unified	Los Angeles	5	2	3	10270	NA	27.9	NA	No
Montebello Unified	Los Angeles	17	6	6	68303	NA	32.1	NA	No
Mountain View	Los Angeles	10	2	N/A	9449	NA	28.7	NA	No
Newhall	Los Angeles	6	N/A	N/A	5185	NA	29.1	NA	No
Norwalk-La Mirada Unified	Los Angeles	16	6	4	20357	NA	29.6	NA	No
Palmdale	Los Angeles	16	2	N/A	16968	NA	28.1	NA	Yes

School District	County	Number of Schools			Enrollment		Pupil-to-Teacher Ratio		Does School District Serve Gov't Housing Units? *
		Element-ary	Middle	High	Current	Max. Capacity (1)	Current	Max. Ratio (2)	
Palos Verdes Peninsula Unified	Los Angeles	12	2	2	8540	NA	29.8	NA	No
Paramount Unified	Los Angeles	9	2	2	13735	NA	28.8	NA	No
Pasadena Unified	Los Angeles	20	3	6	22717	NA	29.4	NA	No
Pomona Unified	Los Angeles	24	6	5	29063	NA	30.3	NA	Yes
Redondo Beach Unified	Los Angeles	8	2	2	6450	NA	28.9	NA	No
Rosemead	Los Angeles	4	1	N/A	3115	NA	28.9	NA	No
Rowland Unified	Los Angeles	15	3	3	18907	NA	29.1	NA	No
San Gabriel Unified	Los Angeles	6	1	N/A	3520	NA	27.9	NA	No
San Marino Unified	Los Angeles	2	1	1	2735	NA	26.4	NA	No
Santa Monica-Malibu Unified	Los Angeles	10	2	3	9500	NA	28.4	NA	No
Sagus Union	Los Angeles	10	N/A	N/A	6275	NA	29.5	NA	No
Soledad-Agua Dulce Union	Los Angeles	3	N/A	N/A	3594	NA	30.0	NA	No
South Bay Union High	Los Angeles	N/A	N/A	4	3715	NA	27.0	NA	No
South Pasadena Unified	Los Angeles	3	1	2	3580	NA	29.5	NA	No
South Whittier	Los Angeles	6	1	N/A	3650	NA	28.7	NA	No
Sulfur Springs Union	Los Angeles	7	N/A	N/A	4152	NA	28.8	NA	No
Temple City Unified	Los Angeles	4	1	1	4806	NA	28.7	NA	No
Torrance Unified	Los Angeles	17	6	5	19131	NA	29.1	NA	Yes
Valle Lindo	Los Angeles	2	N/A	N/A	1200	NA	24.1	NA	No
Walnut Valley Unified	Los Angeles	9	3	3	12811	NA	28.3	NA	No
West Covina Unified	Los Angeles	8	1	2	8010	NA	28.5	NA	No
Westside Union	Los Angeles	7	2	N/A	5042	NA	28.4	NA	No
Whittier City	Los Angeles	11	2	N/A	6232	NA	27.9	NA	No
Whittier Union High	Los Angeles	N/A	N/A	6	8878	NA	28.0	NA	No
William S. Hart Union High	Los Angeles	N/A	4	5	14828	NA	31.8	NA	No
Wilsona	Los Angeles	2	1	N/A	2141	NA	26.2	NA	No
Wiseburn	Los Angeles	3	N/A	N/A	1455	NA	28.8	NA	No

* Answer "Yes" in this column if the school district in question enrolls students who reside in government housing.

These tables provide data for public schools only within Los Angeles and Orange Counties. There are hundreds of private and parochial school in these counties.

Note: (1) Maximum capacity of schools can be varied depending upon such factors as portable classrooms, class size and rental facilities. Most districts can accomodate an increase in pupils with no impact on present operations.

(2) State of California, Education Code 41372 recommends a maximum teacher/pupil ratio of 32:1 for K-3 and 30:1 for 4-8.

Source of Data (3.b.1) Education Table): Los Angeles County Office of Education, 1994 Public Schools Directory and Los Angeles County School Districts Annual Financial Report 1991/92 with Selected 1992/1993 Data; Orange County Department of Education, 1993-1994 Directory and Racial & Ethnic Survey, Fall 1993; State of California, Educational Code 41372; L.A. County Superintendent of Schools, Communication Office, Data '92-'93; Orange County Department of Education, Business Services Data '93.

2) Are there any on-base "Section 6" Schools? If so, identify number of schools and current enrollment.

NONE.

Source of Data (3.b.2) On-Base Schools): Station Resources and Planning Department, WPNSTA Seal Beach.

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 :

Art Center College of Design (Pasadena)
Art Institute of So California (Laguna Beach)
Azusa Pacific University (Azusa)
Biola University (La Mirada)
California Institute of Technology (Pasadena)
California State Polytechnic University (Pomona)
California State University, Dominguez Hills (Carson)
California State University, Fullerton
California State University, Long Beach
California State University, Los Angeles
California State University, Northridge
Chapman University (Orange)
Christ College Irvine (Irvine)
Claremont McKenna College (Claremont)
DeVry Institute of Technology (City of Inglewood)
Harvey Mudd College (Claremont)
Loyola Marymount University (LA)
The Master's College (Newhall)
Mount St. Mary's College (LA)
Northrop University (LA)
Occidental College (LA)
Otis Parsons School of Art Design (LA)
Pacific Christian College (Fullerton)
Pitzer College (Claremont)
Pomona College (Claremont)
Scripps College (Claremont)
Southern California College (Costa Mesa)
University of California, Irving (Irvine)
University of California, Los Angeles (LA)
University of La Verne (La Verne)
University of Southern California (LA)
West Coast University (LA)
Whittier College (Whittier)
Woodbury University (LA)
American Academy of Dramatic Arts/West (Pasadena)
Antelope Valley College (Lancaster)
Brooks College (Long Beach)

Cerritos College (Norwalk)
Citrus College (Glendora)
Concordia College (Irvine)
Coastline Community College (Fountain Valley)
College for Developmental Studies (West Hollywood)
College of Oceaneering (Wilmington)
College of the Canyons (Valencia)
Compton Community College (Compton)
Control Data Institute (Anaheim)
Cypress College (Cypress)
Don Bosco Technical Institute (Rosemead)
East Lost Angeles College (Monterey Park)
El Camino College (Torrance)
Fashion Institute-Design/Merchandising,LA Campus(Los Angeles)
Fullerton College (Fullerton)
Glendale Community College (Glendale)
Golden West College (Huntington Beach)
Irvine Valley College (Irvine)
ITT Technical Institute (Buena Park)
ITT Technical Institute (Carson)
ITT Techincal Institute (Van Nuys)
Long Beach City College (Long Beach)
Los Angeles City College (Los Angeles)
Los Angeles Harbor College (Wilmington)
Los Angeles Mission College (San Fernando)
Los Angeles Pierce College (Woodland Hills)
Los Angeles Southwest College (Los Angeles)
Los Angeles Trade-Technical College (Los Angeles)
Los Angeles Valley College (Van Nuys)
Marymount College (Palos Verdes)
Mt. San Antonio College (Walnut)
National Technical Schools (Los Angeles)
National University (Irvine)
Saddleback College (Mission Viejo)
Pasadena City College (Pasadena)
Pepperdine University (Malibu)
Santa Monica City College (Santa Monica)
Orange Coast College (Costa Mesa)
Rancho Santiago College (Santa Ana)
Rio Hondo College (Whittier)
West Los Angeles College (Culver City)

American Film Institute Center for Advanced
Film and Television Studios (Los Angeles)
Antioch University of Los Angeles (Los Angeles)
California Family Study Center (North Hollywood)
California Institute of the Arts (Valencia)
California School of Professional Psychology (Los Angeles)
Charles R. Drew University (Los Angeles)
Cleveland Chiropractic College (Los Angeles)
College For Development Studies - Infancy Through
Adulthood (West Hollywood)
College of Osteopathic Medicine of the Pacific (Pomona)
Fuller Theological Seminary (Pasadena)
Los Angeles Chiropractic (Whittier)
Pacific Coast University, School of Law (Long Beach)
Pacific Oaks College (Pasadena)
RAND Graduate School of Policy Studies (Santa Monica)
Sierra University: A University Without Walls (Costa Mesa)
Southern California College of Chiropractic (Pico Rivera)
Southern California College of Optometry (Fullerton)
Southern California Institute of Architecture (Santa Monica)
Southwestern University School of Law (Los Angeles)
University of Judaism (Los Angeles)
University of West Los Angeles (Los Angeles)
Western State University College of Law of Orange County (Fullerton)

Source of Data (3.b.3) Colleges): The Thomas Guide, Los Angeles/Orange Counties, Street Guide and Directory, 1994 Edition.

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:

Abram Friedman Occupational Center (Los Angeles)
Welding, Machine Shop Drafting
Antelope Valley College (Lancaster)
Air Conditioning and refrigeration, welding technology
Business Industry School (Los Angeles)
Business Computer Occupations, Drafting (Computer Aided)
Cerritos College (Norwalk)
Business Computer Information Systems (Programmer)
Drafting (tool design, mechanical), Electronics

Citrus College (Glendora)
Drafting (electronic, mechanical)
Computer and Information Systems
Coastline Community College (Fountain Valley)
Electrical Maintenance, Computer Services Technology
College of the Canyons (Valencia)
Mechanical Technology, welding, drafting technology
Compton Community College (Compton)
Computer numerical technology, welding technology
Cypress College (Cypress)
Data processing, air conditioning and refrigeration
East Los Angeles College (Monterey Park)
Electronics - computer technology, drafting technology
East Los Angeles Occupational Center (Los Angeles)
Air Conditioning/refrigeration, electronics technology
El Camino College (Torrance)
Air conditioning, refrigeration, electronics technology
Fullerton College (Fullerton)
Architectural drafting, word processing/office automation
machine shop
Glendale Community College (Glendale)
Drafting/electro-machanical design, manufacturing technology
welding/combination welder
Golden West College (Huntington Beach)
Engineering technology, graphic arts technology, drafting
Harbor Occupational Center (San Pedro)
Electrician, industrial, plumbing, welding
Los Angeles City College (LA)
Civil Engineering, drafting, engineering technology
Los Angeles Harbor College (Wilmington)
Drafting, electronic engineering technician
Los Angeles Mission College (San Fernando)
Electronics
Los Angeles Pierce College (Woodland Hills)
Drafting, mechanical, machine shop techonolgy
tooling technology, welding technology
Los Angeles Southwest College (LA)
Electronics engineering technology
Quality Control Technology
Los Angeles Trade-Technical College (LA)
Electronics engineering technician

eningeering drafting
Los Angeles Valley College (Van Nuys)
Mechanical - drafting and design metal machining technology
Mount San Antonio College (Walnut)
Engineering technology, surveying, machine tool technology machinist, metallurgy, NC-CNC, welding
North Valley Occupational Center (Mission Hills)
Machine Shop, refrigeration and air conditioning service, Welding
Orange Coast College (Costa Mesa)
Machine technology, welding technology
Pasadena City College (Pasadena)
welding, electrical technology, electronic/electronic computer technology
Rancho Santiago College (Santa Ana)
welding technology, engineering technician, computer information systems, sciences
Rio Hondo College (Whittier)
welding technology, quality technology
Saddleback College (Mission Viejo)
computer and information management, drafting technology eletronic technology
Santa Monica College (Santa Monica)
Computer information systems, drafting, welding
Valley Vocational Center (La Puente)
Welding, machine shop, data processing
West Los Angeles College (Culver City)
electronics technology, drafting technology
West Valley Occupatinal Center (Woodland Hills)
Word processing, refrigeration and air conditioning maint.
AA International Translation and Linguistics (Redondo Beach)
Spanish language and literature
A and V Technical School (Anaheim)
Mechanics and repair
Academy of Radio Broadcasting (Huntington Beach)
Radio and television broadcasting
Academy Schools (Tustin)
Real estate
Accelerated Computer Training (Los Angeles)
Computers
Advanced Keypunch School (Rosemead)

Information processing/data entry
Allied Nursing Center (Los Angeles)
Nurse assistance
Alpha Computer Training (Glendale)
Computer and information sciences
American Auto Institute (Van Nuys)
Design and applied arts
American College of Hotel and Restaurant Mgmt (North Hollywood)
Business management and administrative services
American College of Optechs (Los Angeles)
Opticianry, pharmacy assisting
American College of Travel (Long Beach)
Travel services marketing operations

American Communications Institute (Hollywood)
Radio and television broadcasting
American Institute of Printing and Graphic (Whitter)
Printing press operation
American Institute of Specialized Studies (Northridge)
Protective services
American Real Estate Appraisal (Canoga Park)
Real estate
American School of X-Ray (Gardena)
Medical radiologic technology
Anthonly Schools (Various places)
Real estate
Assert, Inc. (Van Nuys)
Truck, bus and other commercial vehicle operation
Associated Printing Schools (Paramount/Tustin)
Printing Press Operation
Avant Institute (Industry)
Computer and information sciences
AV Tech (Pacoima)
Welder-welding technology
Baker's School of Locksmithing (Whitter)
Locksmith
Baraban Secuirites, Inc (Anaheim)
Investments and securities
BNS Technical Institute (Anaheim)
Accounting
Bryan College of Court Reporting (Los Angeles)

Court reporting
California Academy of Real Estate (Northridge)
Real estate
California Business Institute (El Monte)
Accounting, information processing and computer
California Career Schools (Anaheim)
Security and loss prevention services
California Institute of Customer Engineering (Panaorama City/Westminister)
Mechanics and repair
California Institute of Locksmithing, Inc (Van Nuys)
Locksmith and safe repair
California Paramedical & Technical College (Long Beach)
Pharmacy technology, surgical/operating room technology
California School of Neon (Hollywood)
Electrical and electronic engineering related technologies
California Security Training School (Lomita)
Criminal justice and corrections
California Tax Institute (Yorba Linda)
Taxation
Cal-Trade Welding School (Paramount)
Welder-welding technology
Career Development Center (Pomona)
Accounting, administrative services, information processing and data entry
Careermotion (Santa Monica)
Business
Carter Vocational Schools, Inc (Tustin)
Accounting, hotel/motel and restaurant management
CDI Career Development Institute (Santa Ana)
Business information, data processing, computer maintenance technology
Center for Employment Training (Santa Ana/Vernon)
Administrative assistant/secretarial, custodial, electrical and electronics
Century Business College (Los Angeles)
Banking and financial support services, computer typography and composition
Certified Health Services (Long Beach)
Nurse assistance
Compton Business Training Center (Compton)
Administrative assistant secretarial science, data processing technology, general office
Computer Learning Center (Los Angeles/Anaheim)
Computer and information sciences, computer installation and repair
Computer School of California (Los Angeles)
Computer programming and business writing

Computer Training Institute (Laguna Hills)
Administrative assistant/secretarial science, computer programming
Consolidate Welding School (Lynwood)
Welder/welding technology
Constance Dean Yambert & Associates (Pasadena)
Communications
Construction Institute of California (Pomona)
Construction trades
Daniel Freeman Hospital Paramedic School (Inglewood)
Emergency medical technology
Dearborn Financial (West Covina)
Investments and securities
Dental Technology Institute (Orange)
Dental laboratory technology, medical assisting, computer and information sciencs
Diversified Education (Los Angeles)
Medical assisting
DMC Automotive Training School (Placentia)
Auto/automotive mechanics/technology
Donald Vocational School (Los Angeles)
Medical Assisting
Dootson School of Trucking (Arcadia)
Truck, bus and other commercial vehicle operation
Ecologics Training Institute (Anaheim)
Occupational health and industrial hygiene
Educational Design Institute (Commerce)
Business, business administration and management, financial management
Film Industry Workshops, Inc (Studio City)
Acting and directing, visual and performing arts
Gemological Institute of America (Santa Monica)
Fine arts and art studies
Gendarme Security Training School (Garden Grove)
Security and loss prevention services
Glendale Career College (Glendale)
Accounting technology, general office/clerical and typing, medical assisting
G.P. Travel School (Cerritos)
Travel, tourism management
Health and Career Institute (South El Monte)
Accounting technology
Health Staff Training Institute (Santa Ana)
Pharmacy
Hectors Sewing Machine Operator School (Los Angeles)

Commercial garment and apparel work
Hemphill School (Los Angeles)
Auto/automobile mechanics/technology, electrical and electronics equipment
Hollywood Scriptwriting Institute (Hollywood)
Playwriting and screenwriting
Hollywood Technical Institute (Sherman Oaks)
Playwriting and screenwriting
Huntington College of Dental Technology (Huntington Beach)
Dental asisting, dental laboratory technology
ILA Institute (Orange)
Business management and administrative services, financial management
Imperial Truck Driving School (Los Angeles)
Truck, bus and other commercial vehicle operation
Institute of Audio/Video Engineering (Hollywood)
Film/video and photographic arts
Institute of Computer Technology (Los Angeles)
Accounting technology, business computer facilities operation, data processing
Institute of Industrial Sewing Machine Engineering and Mechanical (Granada Hills)
Industrial machinery maintenance and repair
Institute of Studio Makeup (Hollywood)
Makeup art
Insurance Education Association (Newport Beach)
Insurance and risk management
Interior Decorators Institute (Los Angeles)
Interior Design
International American Schools (Los Angeles)
Electrical and electronics equipment installation and repair
Internation Technical Schools (Rosemead)
Mechanics and repair
Irvine College of Business (Irvine)
Accounting technology, hotel/motel and restaurant management
Jackie Bento Studio (Santa Monica)
Film/video and photographic arts
Jobs for Progress (Los Angeles)
General office, clerical and typing
JP Computer Graphic (Los Angeles)
Data processing technology
Kensington College (Santa Ana)
Legal administrative assistant, secretarial services
Kevin Anthony and Associates (Los Angeles)
Legal administrative, paralegal/legal assistant

The Language Institute (Pasadena)
Language and literature
Larson Training Centers (Orange)
Accounting, computer and information sciences, data processing technology
Latin American College of Business (Los Angeles)
Accounting technology, business administration, computer programming
Locksmith School of Technology (Orange)
Locksmith and safe repair
Long Beach College of Business (Long Beach)
Accounting technology, data processing technology, information processing
Los Angeles Computer College (Los Angeles)
Administrative assistant, secretarial science
L.S. Internation School (Los Angeles)
Clothing, apparel and textile work and management
Lumbleau Real Estate School (Costa Mesa/Laguna Hills/Van Nuys)
Real estate
Magnum School, Inc (Los Angeles)
Protective services
Manna institute (Artesia)
Real estate
Mar's Soldering Training School (Los Angeles)
Precision production trades
Martial Arts Security Service, Inc. (Santa Ana)
Security and loss prevention services
Mercury Real Estate Schools (Anaheim)
Real estate
Merit College (Van Nuys)
Court reporting
Mike Russ Schools (Los Angeles/North Hollywood/Orange/Granada Hills)
Real Estate
Modern Technology School of X-Ray (Anaheim/North Hollywood)
Diagnostic medical sonography, medical radiologic technology
Montessori Western Teacher Training Program (Garden Grove)
Pre elementary/early childhood teacher education
MTI College (Orange)
Accounting technology, data processing, drafting, paralegal assistance
Musicians Institute (Hollywood)
Music, general performance, voice and choral performance
NAACP New Careers Training Institute (Los Angeles)
Accounting technology, general office/clerical and typing, information processing
National Business Review Foundation (Irvine)

Real estate
National Computer Training (Encino/West Hollywood)
Business computer facilities operation
National Education Center (Anaheim/Long Beach/Los Angeles/Rosemead)
Medical assisting
Newbridge College (Tustin)
Health and medical administrative services, information processing/data entry
Nor-Tech Training Center (Norwalk)
Small engine mechanics and repair, vehicle and mobile equipment mechanics and repair
Nova Institute of Health Technology (Los Angeles/Ontario/Whitter)
Dental assisting, emergency medical technology, medical assisting
Olympic Realty School (Los Angeles)
Real estate
Orange County Business College (Anaheim)
Accounting, administrative and secretarial services, business computer
Orange County Technical Institute (Costa Mesa)
Machinist/machine technology
Pacific Fabricare Institute (Orange)
Clothing, apparel and textile work and management
Pacific Hotel Schools (Los Angeles)
Hotel/motel and restaurant management
Pacific Securities Training Institute (Los Angeles)
Financial services marketing operations
Parker Institute (Pasadena)
Pre-elementary, early childhood teacher education
Platt College (Cerritos/Irvine/Los Angeles)
Design and applied arts, graphic design, commercial art
Practical Data Processing (Cerritos)
Administrative assistant/secretarial science
Practical Schools (Anaheim)
Business Machine repair, heating, air conditioning and refrigeration mechanics and repair
Professional Investigators Training School (Glendale)
Criminal justice, law enforcement administration
QPE Technical Institute (Anaheim)
Machinist/machine technology, plastics technology, quality control technology
Quality Business Systems (Los Angeles)
Photographic technology
Quicks Computer Center (Covina)
Administrative assistant/secretarial science
Real Estate Institute, USA (Westminister)
Real estate

Roman Ward Jewelry Institute (Los Angeles/Sepulveda)
Metal and jewelry arts
Rowland Heights Montessori Institute (Rowland Heights)
Pre elementary, early childhood teacher education
Royal Security Training Academy (Los Angeles)
Security and loss prevention
St. Joseph Hospital School Of Medical Technology (Orange)
Health and medical laboratory technologies
San Gabriel Valley Training Center (La Puente)
Computer and information sciences
Santa Fe Technical College (Santa Fe Springs)
Auto/automobile mechanics technology, business information, computer installation
School of Lock Technology (Fullerton)
Locksmith and safe repair
Singer Business College (North Hollywood)
Accounting technology, general office/clerical and typing
Southern California Health Care Education Center (Los Angeles)
Health assistance, medical records, nurse assistance, nursing
Southern California Institute of Technology (Garden Grove)
Electrical, electronic and communications engineering technology
Stella Adler Conservatory (Hollywood)
Acting and directing
Studio Makeup Academy (Hollywood)
Makeup art
Sutech School (Anaheim/Los Angeles)
Machinist/machine technology
Systems Programming Development Institute (Commerce)
Accounting technology, adminstrative assistant, computer and information science
TAI Travel Academy (Costa Mesa)
Travel services marketing operations
Technical Health Careers School (Los Angeles)
Medical assisting, medical laboratory assisting, pharmacy technology
Tragua (Industry)
Truck, bus and other commercial vehicle operation
Trans World Travel Academy (Los Angeles)
Tourism and travel services marketing operations
Travel and Trade Career Institute (Garden Grove/Long Beach)
Business information, data processing, tourism and travel services marketing operations
Travel Schools West (Los Angeles/Newport Beach)
Travel services marketing operations
Trebas Institute of Recording Arts (Hollywood)

Music business management and merchandising
United Education and Computer College (Los Angeles)
Accounting, computer and information sciences, data processing technology
United Education Institute (Long Beach/Los Angeles/Santa Ana/Van Nuys)
Administrative assistant/secretarial science, computer installation and repair
United Mortgage and Tellers School (Hawthorne/Santa Ana/West Covina)
Banking and financial support services
United Tech Engineering (Los Angeles)
Computer maintenance technology
Van Mar Academy of Motion Picture and Television (Hollywood)
Acting and directing
Verliz Travel Schools (Cerritos)
Tourism and travel services marketing operations
Watterson College (Pasadena/West Covina)
Administrative assistant/secretarial service, medical office management, paralegal
Waseda Institute of Dental Technology (Los Angeles)
Dental laboratory technology, dental services
Westech College (Pomona)
Accounting technology, drafting
Wilshire Real Estate School (Los Angeles)
Real estate
W.L. Stephenson Institute of Business and Law (Westlake Village)
Law and legal studies, legal administrative assistant, paralegal assistance

Source of Data (3.b.4) Vo-tech Training): Peterson's Vocational and Technical Schools West, 1994.

c. **Transportation.**

1) Is the activity served by public transportation?

	Yes	No
Bus:	X	
Rail:		X
Subway:		X
Ferry:		X

Source of Data (3.c.1) Transportation): Station Resources and Planning Department, WPNSTA Seal Beach.

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.

Santa Ana Transportation Center 11 miles

Source of Data (3.c.2) Transportation): The Thomas Guide, Los Angeles/Orange Counties. Street Guide and Directory, 1994 Edition.

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.

Los Angeles International	23 miles
John Wayne/Orange County	11 miles
Long Beach Municipal	6 miles

Source of Data (3.c.3) Transportation): The Thomas Guide, Los Angeles/Orange Counties, Street Guide and Directory, 1994 Edition.

4) How many carriers are available at this airport?

Los Angeles International	96 carriers
John Wayne/Orange County	14 carriers
Long Beach Municipal	4 carriers

Source of Data (3.c.4) Transportation): Telephone calls to the following on 7/5/94: Los Angeles Airport Commission (310)646-5252, Orange County Airport Authority (714)252-5200 and Long Beach Municipal Airport (310)421-8293.

5) What is the Interstate route number and distance, in miles, from the activity to the nearest Interstate highway?

Interstate 405 - 1 mile.

Source of Data (3.c.5) Transportation): The Thomas Guide, Los Angeles/Orange Counties, Street Guide and Directory, 1994 Edition.

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 road systems surrounding the station are excellent. The principal access routes are: 1) San Diego/Garden Grove Freeways - a ten lane divided highway forming the northern boundary with a road capacity during peak periods of 325,000 vehicles. Access is provided from Seal Beach Blvd and Bolsa Chica Road which mark the northwestern and northeastern corners of the station; 2) Seal Beach Blvd - a 6 lane arterial highway marking the western boundary. Main gate is located on Seal Beach Blvd.; 3)Bolsa Chica Road is a 4 to 6 lane arterial highway bordering the eastern boundary; 4) Pacific Coast Highway - a 4 lane divide roadway on the southern end of the station. PCH is elevated to allow for an at grade connection between Anaheim Bay Inner Harbor operations and the rest of the station; 5) Westminster Avenue - a 4 land divided highway bisecting the station east/west. Truck gate is located here along with the access between the the Station's north and south sections.

b) Do access roads transit residential neighborhoods?

NO.

c) Are there any easements that preclude expansion of the access road system?

NONE.

d) Are there any man-made barriers that inhibit traffic flow (e.g., draw bridges, etc.)?

NO.

Source of Data (3.c.6) Transportation): Naval Weapons Station, Seal Beach Complex Master Plan. CALTRANS Traffic Count 12/3/93.

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.

Yes. Mutual Support Agreement (N60701-88182-322) with Orange County Fire Department which provides for fire and other emergency services on a reciprocal, non-reimbursible basis. This includes automatic response to fires, rescues, and other emergencies of a magnitude which has developed or may develop beyond the control of a single party and requires the combined forces of both parties to control. Joint Training has been established. Hazardous materials incidents are not specifically addressed but mutual response is implicit as an emergency. Orange County Fire Department will not fight ammunition fires.

Source of Data (3.d. Fire/Hazmat): Safety Department, WPNSTA Seal Beach.

e. **Police Protection.**

1) What is the level of legislative jurisdiction held by the installation?

Proprietary.

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.

N/A.

3) Does the activity have a specific written agreement with local law enforcement concerning the provision of local police protection?

Yes. Memorandum of Understanding (MOU) with City of Seal Beach's Police Department.

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.

N/A.

Source of Data (3.e. 1) - 5) - Police): Security Department, WPNSTA Seal Beach.

f. **Utilities.** (R

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.

N68711-84-C-0008	Water	City of Seal Beach, CA
N68711-70-C-1209	Electrical	Southern California Edison Company
N68711-71-C-3725	Sewage Transport	City of Seal Beach, CA
N68711-77-M-3031	Sewage Treatment	Orange County Sanitation District
N68711-77-F-7596	Natural Gas	Southern California Gas Company
N68711-77-F-7598	Natural Gas	Southern California Gas Company
N68711-77-F-7603	Natural Gas	Southern California Gas Company
N68711-91-C-4197	Refuse Disposal	Perdomo and Sons

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N/A.

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N68711-77-F-7603	Natural Gas	Southern California Gas Company
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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.

NO.

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.

NO.

Source of Data (3.f. 1) - 3) Utilities): NAVFAC Utility Contracts.

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):

Employer	Product/Service	No. of Employees
1. Los Angeles County	Government	84,738
2. U.S. Government	Government	72,338
3. Los Angeles Unified School District	Education	55,000
4. City of Los Angeles	Government	45,724
5. Allied Signal Aerospace Company	Aerospace	35,000
6. Kaiser Permanente	Medical	32,720
7. Hughes Aircraft Corporation	Aerospace	30,000
8. Bank of America	Finance	29,742
9. Northrup	Aerospace	25,000
10. Rockwell International Corporation	Aerospace	22,000

Source of Data (4. Business Profile): Economic Development Corporation of Los Angeles County, (213)462-5111.

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: (R

"Since 1989, 20% of all the jobs lost have been in California." (President Bill Clinton - Weekly Radio Address -12/4/93). Southern California has been hardest hit in this recession largely because of it preponderance of manufacturing jobs tied to the military -industrial complex. From July 1990 to October 1993, Los Angeles County has lost 427,000 jobs and Orange County's job loss has been 74,500 jobs; the hardest hit of any California metropolitan area. Unemployment in October, 1993 was 9.6% in Los Angeles County and 6.6% in Orange County. Large defense and aerospace firms posted some of the largest reductions ever. The direct and indirect job losses were: Lockheed 9,900 and 27,720; Northrop 8,800 and 24,640; McDonnell Douglas 16,500 and 40,200; General Dynamics 10,960 and 30,660; Rockwell International 2,100 and 5,880 and Hughes 12,700 and 35,560. Aerospace alone has decreased 50,000 workers. 64% of that loss was in Los Angeles County and another 19% included Orange and San Diego Counties. Defense spending has dropped from $63 billion in 1988 to $33 billion in 1993. Statewide the following industries have lost jobs: aircraft/parts 56,000 (-35%), search/navigation 55,000 (-44%), missile/space 24,000 (-43%), communications equipment 13,000 (-9%) and shipbuilding 2,400 (-18%).

b. Introduction of New Businesses/Technologies: (R

With the decline of defense and aerospace industries, Southern California's future economy will be based on a variety of industries. With products ranging from plastic bridges to roller coaster, defense firms are turning their expertise to non-military ventures. Some of the developments are: environmental radar, cutting edge assembly lines, frozen smoke insulation, plastic bridges, maps of the future, the environment and sculpting the earth. Southern California's leadership in advanced technologies, infrastructure, transportation, trade and manufacturing capabilities will represent the future basis for a new economy. The skills of this area - working with precision parts and advanced adaptive skills will help Southern California to become the leader in electric vehicle technology and manufacturing, impressive research and development efforts are underway on batteries, fuel cells and natural gas storage modules. Additionally, other high technology industries are continuing their efforts to adapt the products of the defense and aerospace industries to the commercial world.

c. Natural Disasters:

The Southern California area has had some major natural disasters within the past three years, none of which has affected mission performance. Major earthquakes were

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:

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c. Natural Disasters:

Whitter Narrows (11/91), Landers (6/92), Big Bear (6/92) and Northridge (1/94). Other natural disasters have included flooding during heavy rains and firestorms in Los Angeles and Orange Counties (10/93).

d. Overall Economic Trends:

There is evidence that the three year slump is slowing and improvement is being seen in the high technology area. For the next year little or no change is expected in the Los Angeles economy. Nobody expects vigorous recovery anywhere in the state for years to come while the shrinkage of the defense sector plays itself out.

Source of Data (5. Other Socio/Econ): Various Los Angeles Times articles from 1993/94.

6. Other. Identify any contributions of your activity to the local community not discussed elsewhere in this response. (R

WPNSTA Seal Beach employees are active in their communities and make significant contributions. They support the charitable activities with their time and money. They have volunteered for numerous community and school assist programs.

1. Supported the Northridge Earthquake Relief efforts with 16 volunteers, both sailors and civilians, for 21+ days.

2. Provides volunteer support annually for the local Salvation Army Christmas Party.

3. Provides volunteer support annually for the Orange County Special Olympics.

4. Sponsors the McGaugh Elementary School in the Adopt-A-School Program, providing the school with volunteers for the Read Aloud and Rocketeering Programs.

5. Provides our neighbor, Leisure World community, and other civic groups with weekly tours of the Weapons Station and National Wildlife Refuge.

6. Co-sponsors the annual Wildlife Refuge clean-up with the Sierra Club.

7. Provides volunteer entries to the City of Seal Beach's Easter and Christmas parades.

The Southern California area has had some major natural disasters within the past three years, none of which has affected mission performance. Major earthquakes were Whitter Narrows (11/91), Landers (6/92), Big Bear (6/92) and Northridge (1/94). Other natural disasters have included flooding during heavy rains and firestorms in Los Angeles and Orange Counties (10/93).

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5. Provides our neighbor, Leisure World community, and other civic groups with weekly tours of the Weapons Station and National Wildlife Refuge.

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8. Hosts local scout troops at camp outs and other outdoor activities.

9. Provides volunteers to assist the Disneyland "Voluntears" with their Physically Challenged Children Program.

10. Serves as ex officio member of the Huntington Harbour Waterways and Beach Commission.

11. Serves as ex officio member of the Long Beach Chamber of Commerce Military Affairs Committee. Several meetings per year are hosted aboard the Weapons Station.

12. Supports the City of Seal Beach by providing facilities for their annual 10K Run.

13. Serves as ex officio member of the Seal Beach Chamber of Commerce. Several meetings per year are hosted by the Weapons Station.

14. Outleases land for the annual Seal Beach Chamber of Commerce Carnival, the largest fund raiser for the Chamber.

15. Provides volunteer entry for the Huntington Harbour Christmas Boat Parade.

Source of Data (6. Other): Local knowledge of the area.

6. Co-sponsors the annual Wildlife Refuge clean-up with the Sierra Club.

7. Provides volunteer entries to the City of Seal Beach's Easter and Christmas parades.

8. Hosts local scout troops at camp outs and other outdoor activities.

9. Provides volunteers to assist the Disneyland "Volunteers" with their Physically Challenged Children Program.

10. Serves as ex officio member of the Huntington Harbour Waterways and Beach Commission.

11. Serves as ex officio member of the Long Beach Chamber of Commerce Military Affairs Committee. Several meetings per year are hosted by the Weapons Station.

12. Supports the City of Seal Beach by providing facilities for their annual 10K Run.

13. Serves as ex officio member of the Seal Beach Chamber of Commerce. Several meetings per year are hosted by the Weapons Station.

14. Outleases land for the annual Seal Beach Chamber of Commerce Carnival, the largest fund raiser for the Chamber.

15. Provides volunteer entry for the Huntington Harbour Christmas Boat Parade.

Source of Data (6. Other): Local knowledge of the area.

Revised 27 July 1994

BRAC DATA CALL - 65

WPNSTA SEAL BEACH

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)

Signature

Acting Commander
Title

15 Jul 94
Date

NAVORDCEN PACDIV
Activity

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)

Signature

ACTING COMMANDER
Title

7/29/94
Date

NAVAL ORDNANCE CENTER
Activity

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)

Signature

Title

8/2/94
Date

Commander
Naval Sea Systems 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)

J. B. GREENE, JR.
NAME (Please type or print)

Signature

ACTING
Title

17 AUG 1994
Date

BRAC DATA CALL - 65

WPNSTA SEAL BEACH

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)

Signature

Acting Commander
Title

15 Jul 94
Date

NAVORDCEN PACDIV
Activity

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)

Signature

ACTING COMMANDER
Title

7/29/94
Date

NAVAL ORDNANCE CENTER
Activity

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)

Signature

Title

8/2/94
Date

Commander
Naval Sea Systems 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)

J. B. GREENE, JR.
NAME (Please type or print)

Signature

ACTING
Title

17 AUG 1994
Date

BRAC-95 CERTIFICATION

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

J. F. STEADLEY
NAME (Please type or print)

Signature

Commanding Officer
Title

8 Jul 94
Date

Naval Weapons Station Seal Beach
Activity

Document Separator

10

R

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

Table 1: Military Construction (MILCON) Projects (Excluding Family Housing Construction Projects)

Installation Name:	**SEAL BEACH CA NWS**
Unit Identification Code (UIC):	**N60701**
Major Claimant:	**NAVSEA**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1998	203	COMMAND OPERS BUILDING	MCON	5,200
		Sub-Total - 1998		**5,200**
1999	137	STANDARD MISSILE MAG	MCON	6,300
1999	181	STANDARD MISSILE MAGAZINE	MCON	8,100
1999	191	TOMAHAWK MISSILE MAGAZINES	MCON	12,000
		Sub-Total - 1999		**26,400**
2000	190	TOMAHAWK MISSILE MAGS-DBOF	MCON	11,000
		Sub-Total - 2000		**11,000**
		Grand Total		**42,600**

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)

MDThornton
Signature

CDR, CEC, USN
Title

9 Dec 94
Date

MILCON PROGRAMMING DIVISION
Division

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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)

Signature

COMMANDER
Title

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)

Signature

Title

12/7/94
Date

Document Separator

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

Table 1: Military Construction (MILCON) Projects (Excluding Family Housing Construction Projects)

Installation Name:	**SEAL BEACH CA NWS**
Unit Identification Code (UIC):	**N60701** #105
Major Claimant:	**NAVSEA**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1998	203	COMMAND OPERS BUILDING	MCON	5,200
		Sub-Total - 1998		**5,200**
1999	137	STANDARD MISSILE MAG	MCON	6,300
1999	181	STANDARD MISSILE MAGAZINE	MCON	8,100
1999	191	TOMAHAWK MISSILE MAGAZINES	MCON	12,000
		Sub-Total - 1999		**26,400**
2000	190	TOMAHAWK MISSILE MAGS-DBOF	MCON	11,000
		Sub-Total - 2000		**11,000**
		Grand Total		**42,600**

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)

Signature

COMMANDER
Title

7/13/94
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)

Signature

Title

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)

Signature

CDR, CEC, USN
Title

12 July 1994
Date

MILCON PROGRAMMING DIVISION
Division

FACILITIES PROGRAMMING AND CONSTRUCTION DIRECTORATE
Department

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

105

NAVAL WEAPONS STATION, SEAL BEACH
N60701

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

Questions for the Activities

Category	....	**Industrial Activities**
Type	....	**Naval Weapon Stations,**
	....	**Naval Magazines, and**
	....	**Strategic Missile Facilities**
Claimants	....	**COMNAVSEASYSCOM** (Naval Weapon Stations)
	....	**CINCPACFLT** (Naval Magazines)
	....	**DIRSSP** (Strategic Weapons Facilities)

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.

Encl (1)

NAVAL WEAPONS STATION, SEAL BEACH
N60701

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
ACT	American College Test
AOB	Average on Board
ARC	Alcohol Rehabilitation Center
BAQ	Basic Allowance for Quarters
BEQ	Bachelor Enlisted Quarters
BOQ	Bachelor Officers Quarters
CAD/CAM	Computer Aided Design / Computer Aided Manufacturing
CCN	Category Code Number
DLMY	Direct Labor Man Year
DM	Depot Maintenance
DoD	Department Of Defense
DoDDS	Department of Defense Dependents Schools
DON	Department of the Navy
ESQD	Explosive Safety Quantity Distance
FMS	Foreign Military Sales
FSC	Family Service Center
FY	Fiscal Year
FYDP	Future Years Defense Plan
HE	High Explosive
HERO	Hazardous Electronic Radiation - Ordnance
HS	High School
IM	Intermediate Maintenance
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

N / A	Not Applicable
NAVMAG	Naval Magazine
NCIS	Naval Criminal Investigative Service
NEW	Net Explosive Weight
OOS	Out Of Service
ORD	Ordnance
ORDCEN	Ordnance Center
PACDIV	Pacific Division
PN	Number of Personnel accommodated
POM	Program Objectives Memorandum
Qtr	Quarter
RSSI	Receipt, Segregation, Stowage and Issue
SAT	Scholastic Aptitude Test
SF	Square Feet
SOP	Standard Operating Procedures
SWF	Strategic Weapons Facility
TY	Then Year
UIC	Unit Identification Code
VHA	Variable Housing Allowance
W/O	Without
WPNSTA	Weapons Station
WY	Work Years

ACTIVITY: N60701

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

Primary Activity UIC: N60701
(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** (R

	Present Storage		FY 2001	
	SF	Tons	SF	Tons
Total Storage	523,819	14,347	602,945	17,756

R 8/31/94

FY 2001 Data include MILCONs P-134 (FY94), P-137 (FY98), and P-181/P-191 (FY99)

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	58	51	52	57	70	85	100	100	100
Threat	77	80	85	82	90	95	100	100	100
Nuclear	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Other	82	78	79	81	90	95	100	100	100
Total	72	69	72	70	83	92	100	100	100

OTHER includes inert ordnance, explosive components, CAD/PAD, and other commodities not included in Threat all-up-rounds or LOE. (R 8/31/

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

Primary Activity UIC: N60701 WPNSTA SEAL BEACH
(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	523,819	14,347	592,777	17,281

FY 2001 Data include MILCONs P-134 (FY94), P-137 (FY98), and P-181/P-191 (FY99)

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	58	51	52	57	70	85	100	100	100
Threat	77	80	85	82	90	95	100	100	100
Nuclear	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Other	82	78	79	81	90	95	100	100	100
Total	72	69	72	70	83	92	100	100	100

OTHER includes inert ordnance, explosive components, CAD/PAD, and other commodities not included in Threat all-up-rounds or LOE.

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.

A significant amount of storage space is approved for Security Risk Category (SRC) I and II material storage. The requirements for SRC I and II storage include an Intrusion Detection System (IDS), fencing, and lighting.

Several new missile magazines have been constructed. The storage of long ordnance (TOMAHAWK and STANDARD missiles for example) requires these specialized storage magazines for safe and efficient storage and handling.

WPNSTA Seal Beach is the only PACFLT (both West Coast and WESTPAC) storage and issue site for CAD/AEPS/Cartridges.

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

DON storage provided = 97 %

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 = 3 %

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 accomodates other vessels at anchorage, please note below.

Table 2.1: **Outload Characteristics**

	Container	Bulk/Break Bulk	Specialized
Amphibious		X	X
Combatant			X
CV/CVN (Note 1)		X	
Submarines			X
CLF (Note 2)		X	
Other Break Bulk			
Container Ship (Note 1)	X		
Other (Note 3)		X	X

Note: (1) Loading at explosive anchorage only.

(2) AE21 and AE26 class ships can be out/downloaded pierside either with an ESQD event waiver or limited "top-offs" pierside within the existing ESQD limit. All other CLF loading would be at explosive anchorage.

(3) Includes Coast Guard, small boats, and barges.

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	42	42	42	42	42	42	42	42
Threat	238	238	238	238	238	238	238	238
Strategic								
Other								
Total	280	280	280	280	280	280	280	280

Additional Comments: Based on loading two (2) CG51 class ships pierside in a total of 2 days. No anchorage or VERTREP operations are included.

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	90	90	90	90	90	90	90	90
Threat	192	192	192	192	192	192	192	192
Strategic								
Other								
Total	282	282	282	282	282	282	282	282

Additional Comments: Above are daily figures based on loading two (2) CG51 class ships pierside in a total of 2 days. No anchorage or VERTREP operations are included.

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.

With no restrictions on ship height, and direct access to open sea, WPNSTA Seal Beach is the only explosive qualified loading point for combatants other than Port Hadlock, Washington on the West Coast. Strategic geographic location within close proximity to 2/3 of Pacific Fleet units which reduces steaming time and fuel costs. Provisions all FMF Pacific landing force operational readiness munitions (LFORM). WPNSTA Seal Beach is the only VLS (TOMAHAWK) certified shore activity on the West Coast for the loading of submarines. As submarine tenders are decommisioned, this capability will become increasingly valuable to the Navy.

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
Combatant/SSN	2
AE/Amphibious	1

Additional Comments: Mutually exclusive (does not include nesting of ships or anchorage operations).

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 = 2 Combatants or 2 Submarines.

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 = Not Applicable

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.

With no restrictions on ship height, and direct access to open sea, WPNSTA Seal Beach is the primary explosive qualified loading point for combatants other than Port Hadlock, Washington on the West Coast. Strategic geographic location within close proximity to 2/3 of Pacific Fleet units which reduces steaming time and fuel costs. Provisions all FMF Pacific landing force operational readiness munitions (LFORM). WPNSTA Seal Beach is the only VLS (TOMAHAWK) certified shore activity on the West Coast for the loading of submarines. As submarine tenders are decommisioned, this capability will become increasingly valuable to the Navy.

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
Combatant/SSN	2
AE/Amphibious	1

Additional Comments: Mutually exclusive (does not include nesting of ships or anchorage operations).

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 = 2 Combatants or 2 Submarines.

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 = Not Applicable

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**

Vessel Type	FY 1991	FY 1992	FY 1993
Amphibious	14	21	24
Combatant	103	82	62
CV/CVN	0	0	0
Submarines	1	0	0
CLF	1	5	1
Other Break Bulk	0	0	0
Container Ship	0	1	0
Other (Note 1)	108	99	94
Total:	227	208	181

Note: (1) Includes barges to NAS North Island, small boats, and Coast Guard ships.

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 redudced if multiple ships are being accomodated 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	320	320	1 LPH in 1 1/2 days
Combatant	280	280	2 CGs in 2 days
CV/CVN			
Submarines	78	78	Los Angeles class
CLF	500	500	AE-26
Other Break Bulk			
Container Ship			
Other			
Total:	N/A	N/A	Capabilities are mutually exclusive

Additional Comments: Above capability does not include anchorage operations. Simultaneous anchorage operations, if properly planned, would not decrease pierside throughput. AE pierside throughput capability limited by pier NEW limit; full load/download would require an event waiver or anchorage operations.

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 redudced if multiple ships are being accomodated 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	320	320	1 LPH in 1 1/2 days
Combatant	282	282	2 CGs in 2 days
CV/CVN			
Submarines	78	78	Los Angeles class
CLF	500	500	AE-26
Other Break Bulk			
Container Ship			
Other			
Total:	N/A	N/A	Capabilities are mutually exclusive

Additional Comments: Above daily capabilities do not include anchorage operations. Simultaneous anchorage operations, if properly planned, would not decrease pierside throughput. AE pierside throughput capability limited by pier NEW limit; full load/download would require an event waiver or anchorage operations.

ACTIVITY: N60701

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	921	774	746	700	0	0	0	0
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat	1157	1011	1292	1472	1482	1352	1316	1287
LOE	10.2M	10.2M	10.2M	10.2M	10.2M	10.2M	10.2M	10.2M
Other (TOMAHAWK)	514	597	672	700	720	695	685	685
DEMIL	50K	50K	50K	50K	50K	50K	50K	50K
Containers/Can-isters	7144	4903	8472	7085	5524	6000	6000	6000
TOTAL	10.3M	10.3M	10.3M	10.3M	10.3M	10.3M	10.3M	10.3M

LOE data includes CAD/PADS, Rockets, Bombs, Gun Ammo, Small Arms, Pyro/Demo, and Grenades/Mortars/Projectiles

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

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

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	29	25	23	22	0	0	0	0	
Air Launched Threat	0	0	0	0	0	0	0	0	
Surface Launched Threat	89	73	93	94	109	101	76	75	R 10/14/94
LOE	NA	13	13	13	13	13	13	13	R 10/14/94
Other (TOMAHAWK)	12	14	15	16	17	16	15	15	
DEMIL	5	5	5	5	5	5	5	5	
Containers/Canisters	29	29	29	29	29	29	29	29	
TOTAL	164	159	178	179	173	164	138	137	R 10/14/94

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. (R

WPNSTA Seal Beach operates the Navy's only VLS canister maintenance facility.

WPNSTA Seal Beach operates the Navy's only West Coast SMS intermediate level maintenance facililty.

WPNSTA Seal Beach operates the Navy's only West Coast VLS TOMAHAWK Sub/Surface Encan/Decan facility.

WPNSTA Seal Beach operates the Navy's only STANDARD missile UHF telemetry and test systems maintenance facility. R 10/14/94

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 = 0 %

Commercial effort = 0 %

Other Military Departments (Army) = 0 %

Other Military Department (Air Force) = 0 %

Other DoD Agencies (specify) = 0 %

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)

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	.9	.9	.9	.7	.2	0	0	0
Air Launched Threat	0	0	0	0	0	0	0	0
Surface Launched Threat/TOMAHAWK	3.8	3.8	3.8	4.0	4.4	3.7	3.7	3.7
LOE/DEMIL	.6	.6	.6	.9	.8	.5	.6	.5
Containers/Canisters	1.1	1.1	1.1	.6	.9	.5	.5	.6
Total	6.4	6.4	6.4	6.2	6.3	4.7	4.8	4.8

Additional Comments: The data above provides the RSS&I support, movement to and from the production facility, for rework and repair.

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
STANDARD Missile APBU & SCU	35.6	0

NOTE: 1 Workyear = 1,750 hours

Mission Area

4. Packaging and Handling Equipment

4.1 For each type of packaging or handling equipment designed/manufactured and/or maintained/repaired 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
VLS PHS&T	0	0	0	0	2	3	4	4
SMS Equipment (Note 1)	0	0	0	0	1	1	1	1

Note (1): Includes missile transfer dollies, lifting beams, missile test and assembly equipment, and handlift trucks.

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.

Having the PHS&T maintenance site at WPNSTA Seal Beach provides close proximity to related weapons maintenance activities and outload at the waterfront performed at WPNSTA Seal Beach.

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4. Packaging and Handling Equipment

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
TOMAHAWK	5.94	4.75	3.3	2.2	2.4	1.7	1.7	1.7
TRIDENT	16.0	16.0	14.2	14.2	15.7	9.9	9.9	9.9

NOTE: 1 Workyear = 1,750 hours

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.

A controlled environment, controlled access laboratory test facility
Classified material storage
RF anechoic chamber
RF shielded room/Explosive test cells
Ordnance storage magazines
X-ray test facility
Separation Nut Test Console (unique)
Thruster Assembly Test Console (unique)
Electrothermal Response Tester
LVI/GC Test Set (unique)
Explosion proof lathe
SSU Test Console (unique)
IFD Pull Test Fixture (unique)
RF Network Analyzer
Automatic Circuit Analyzer
TOMAHAWK SLT Test Console (unique)
TOMAHAWK JILT Test Console (unique)

Mission Area

6. Combat System Support - N/A

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

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.

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

Vibration equipment (sine, random, shock)
Temperature-altitude chamber
Ultrasonic Tester (c-scan output) (unique)
Test fixtures and gages (unique)
Ion Chromatography
High Performance Liquid Chromatography
Bomb Calorimetry
Scanning Electron Microscope

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

WPNSTA Seal Beach has been designated by the Strategic Systems Programs via SSPINST 9784.2C to manage and conduct the Stockpile and Reliability Assessment Program for the TRIDENT I Reentry System. This task requires a coordinated and integrated effort with the Department of Energy, Sandia National Laboratories, Applied Physics Laboratory, Strategic Systems Programs, and the prime contractor. We have also been responsible for similar stockpile surveillance programs for the POSEIDON and POLARIS reentry systems. The uniqueness of the reentry system design and the comprehensiveness of the laboratory testing in support of the surveillance program require that we have a broad range of technical expertise including ordnance, electronics, microwave, environmental simulation, non-destructive testing (ultrasonic, x-ray, dye penetrant, electrical conductivity, gaging), chemistry, materials analysis, failure analysis, statistics, stockpile life assessment, and reliability assessment. A test laboratory and many pieces of test equipment, several functional test consoles being unique to the TRIDENT I reentry system, complement the technical expertise.

It would be possible for another Navy/DOD agency to perform our surveillance function if the receiving activity had the basic technical expertise, laboratory facilities, and test equipment; and assuming that the unique test equipment would be transferred and sufficient time will be available for training and re-establishing working relationships with the TRIDENT surveillance community.

Mission Area

7. Publications Management and Distribution (R

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**

Publication Types	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
OPs								
JMEMs								
NWPs/MWIPs								
MILSPECs								
Standards	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Instructions/Notes								
Other	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Total	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0

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.)?

NONE. The 2.5 workyears in Standards develops local standard operating procedures and the 1.5 workyears in Other maintains the technical document center.

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?

NEW at the wharf ranges from 52.7K to 64K of Class 1.1 ammunition depending upon location of ammo on wharf. Usually 52.7K is the most NEW allowed on wharf at one time. Exemption is in place because of inadequate Inhabited Building Distance to Pacific Coast Highway. (OP5 Vol 1, page 7-12, Para 7-3.3.2 & 7-3.3.4 applies.)

Except in an emergency situation there is no welding, open flame or hot work permitted during ammunition handling. Emergency welding/hot work is allowed only in areas not involved in the ordnance handling evolution.

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

NEW at the wharf is the restricting factor. There are no other restrictions when moving ammo to wharf.

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

One AE could be berthed at the wharf restricted to 64K NEW. An ESQD event waiver would be required to exceed that limit.

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.

Two surface combatants or two nuclear submarines could be berthed at the wharf.

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	1.753			1.753
133	Navigation (Non-ship)	0.144			0.144
137	Ship Navigation			0.080	0.080
141	Operational (Non-ship)	0.973			0.973
143	Ship & Other Operational	67.262		12.670	79.932
151	Piers	3.447			3.447
152	Wharves	92.268			92.268
159	Other Waterfront Ops	3.060			3.060
171	Training	9.689		12.358	22.047
212	Maint - Guided Missiles	220.671		27.737	248.408
213	Maint - Ships/Spares	180.916			180.916
214	Maint - Tank/Automotive	46.623			46.623
216	Maint - Ammunition	120.875			120.875
218	Maint - Miscellaneous	36.675			36.675
219	Maint - Installation Repair	45.309			45.309
319	Misc Items & Equipment	16.278			16.278

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CCN	Facility Type	Condition			Total
		Adequate	Substandard	Inadequate	
421	Ammunition Storage	727.217		58.622	785.839
441	General Supply Storage	169.379			169.379
550	Dispensaries/Clinics	.468		4.832	5.300
610	Administrative Bldg	121.719		27.487	149.206
620	Administrative Stru	1.213			1.213
711	Family Housing	16.763			16.763
714	FH - Detached Bldg	1.900			1.900
721	UEPH	14.256		12.452	26.708
722	UEPH Mess Facilities	1.473			1.473
730	Community Fac - Personal Support & Service	34.748		0.330	35.078
740	Community Fac - MWR	46.999			46.999
	Activity TOTAL:	1,982.078	0.000	156.568	2,138.646

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: Ship Navigation/137 (420).
b. What makes it inadequate? No permanent power source.
c. What use is being made of the facility? Ship navigation antenna.
d. What is the cost to upgrade the facility to substandard? Not economical.
e. What other use could be made of the facility and at what cost? None.
f. Current improvement plans and programmed funding: None.
g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? No.

a. Facility type/code: Ship & Other Operational/143 (17, 18, 101, 800)
b. What makes it inadequate? Total deterioation of buildings (all).
c. What use is being made of the facility? Ordnance support operations.
d. What is the cost to upgrade the facility to substandard? Not economical.
e. What other use could be made of the facility and at what cost? None.
f. Current improvement plans and programmed funding: None.
g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? No.

a. Facility type/code: Training/171 (13)
b. What makes it inadequate? Complete deterioration of building.
c. What use is being made of the facility? Reserve training.
d. What is the cost to upgrade the facility to substandard? Not economical.
e. What other use could be made of the facility and at what cost? None.
f. Current improvement plans and programmed funding: None.
g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? No.

a. Facility type/code: Maintenance - Guided Missiles/212 (915, 916)
b. What makes it inadequate? Test cells do not meet safety requirements, needs lightning protection (915) and complete deterioration of building (916).
c. What use is being made of the facility? Storage of missile components.
d. What is the cost to upgrade the facility to substandard? Not economical.
e. What other use could be made of the facility and at what cost?
f. Current improvement plans and programmed funding: None.

g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? No.

a. Facility type/code: Ammunition Storage/421 (652, 653, 654, 655, 659, 660, 661, 662, 663, 664)
b. What makes it inadequate? Small doors and loading docks and interior configuration (all).
c. What use is being made of the facility? Missile storage.
d. What is the cost to upgrade the facility to substandard? Not economical.
e. What other use could be made of the facility and at what cost? Return to SP&P storage for which magazines were designed.
f. Current improvement plans and programmed funding: None.
g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? No.

a. Facility type/code: Dispensaries/Clinics/550 (22)
b. What makes it inadequate? Deterioration of building.
c. What use is being made of the facility? Medical dispensary.
d. What is the cost to upgrade the facility to substandard? Not economical.
e. What other use could be made of the facility and at what cost? None.
f. Current improvement plans and programmed funding: None.
g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? No.

a. Facility type/code: Administrative Buildings/610 (112, 199, 206, 229, 260)
b. What makes it inadequate? Physical condition of building (all), poor interior configuration due to design for other uses (112, 206), sesmic deficiencies (206)
c. What use is being made of the facility? Administrative offices.
d. What is the cost to upgrade the facility to substandard? Not economical.
e. What other use could be made of the facility and at what cost? None.
f. Current improvement plans and programmed funding: None.
g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? No.

a. Facility type/code: UEPH/721 (11)
b. What makes it inadequate? Physical condition of building, no fire detection system, sesmic deficiencies.
c. What use is being made of the facility? UEPH.
d. What is the cost to upgrade the facility to substandard? Not economical
e. What other use could be made of the facility and at what cost? None.
f. Current improvement plans and programmed funding: None.
g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? No.

a. Facility type/code: Community Facility - Personnel Support & Service/730 (850)
b. What makes it inadequate? Physical condition of building.
c. What use is being made of the facility? None.
d. What is the cost to upgrade the facility to substandard? Not economical.
e. What other use could be made of the facility and at what cost? None.
f. Current improvement plans and programmed funding: None.
g. Has this facility condition resulted in C3 or C4 designation on your BASEREP? 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
HQ 119, USNR	OJT in support of WPNSTA ordnance requirements/Bldg 13.
DET 219, USNR	OJT in support of WPNSTA ordnance requirements/Bldg 13.
DET 319, USNR	OJT in support of WPNSTA ordnance requirements/Bldg 13.
DET 411, USNR	OJT in support of WPNSTA ordnance requirements/Bldg 13.
DET 519, USNR*	OJT in support of WPNSTA ordnance requirements/Bldg 13.
DET 620, USNR*	OJT in support of WPNSTA ordnance requirements/Bldg 13.
DET 716, USNR	OJT in support of WPNSTA ordnance requirements/Bldg 13.

* Units are assigned to WPNSTA Seal Beach but have begun to train at NAVORDCEN PACDIV Fallbrook Detachment.

The following units are planned to be reassigned to WPNSTA Seal Beach in FY95.

Reserve Unit	Training Function/Facilities Used
HQ 622, USNR	OJT in support of WPNSTA ordnance requirements/Bldg 13.
DET 722, USNR	OJT in support of WPNSTA ordnance requirements/Bldg 13.
DET 1109, USNR	OJT in support of WPNSTA ordnance requirements/Bldg 13.
DET 1311, USNR	OJT in support of WPNSTA ordnance requirements/Bldg 13.
DET 1418, USNR	OJT in support of WPNSTA ordnance requirements/Bldg 13.
DET 1822, USNR	OJT in support of WPNSTA ordnance requirements/Bldg 13.
DET 2513, USNR	OJT in support of WPNSTA ordnance requirements/Bldg 13.

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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. (R

Table 10.2: **Reserve Personnel**

Unit: HQ 119 Seal Beach, 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	7	0	6	0	7	0	7	0	18	0	19	0	R 08/31/94
Officer	12	0	12	0	12	0	12	0	12	0	12	0	

Unit: DET 219 Long Beach, 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	26	0	26	0	26	0	27	0	24	0	22	0	R 08/31/94
Officer	3	0	3	0	3	0	3	0	3	0	5	0	R 08/31/94

Unit: DET 319 Encino, 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	13	0	12	0	13	0	13	0	12	0	14	0	R 08/31/94
Officer	3	0	3	0	3	0	3	0	3	0	3	0	

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: HQ 119 Seal Beach, 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	TARF TS
Enlisted	7	0	6	0	7	0	7	0	10	0	9	0
Officer	12	0	12	0	12	0	12	0	12	0	12	0

Unit: DET 219 Long Beach, 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	TARF TS
Enlisted	26	0	26	0	26	0	27	0	23	0	26	0
Officer	3	0	3	0	3	0	3	0	3	0	3	0

Unit: DET 319 Encino, 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	TARF TS
Enlisted	13	0	12	0	13	0	13	0	15	0	12	0
Officer	3	0	3	0	3	0	3	0	3	0	3	0

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Unit: DET 411 El Paso, TX	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	35	0	39	0	35	0	38	0	34	0	40	0
Officer	2	0	3	0	2	0	2	0	2	0	2	0

Unit: DET 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	25	0	16	0
Officer	4	0	3	0	4	0	4	0	2	0	2	0

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Unit: DET 620 Denver, CO	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	34	0	34	0	35	0	33	0	31	0	37	0
Officer	3	0	3	0	3	0	4	0	3	0	2	0

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Unit: DET 411 El Paso, TX	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	TARF TS
Enlisted	35	0	39	0	35	0	38	0	34	0	40	0
Officer	2	0	3	0	2	0	2	0	2	0	2	0

Unit: DET 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	TARF TS
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

Unit: DET 620 Denver, CO	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	TARF TS
Enlisted	34	0	34	0	35	0	33	0	29	0	32	0
Officer	3	0	3	0	3	0	4	0	3	0	2	0

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Unit: DET 716 Sioux Falls, SD	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	40	0	40	0	40	0	42	0	40	0	43	0
Officer	2	0	2	0	2	0	2	0	4	0	3	0

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NOTE: Differences between authorized and actual manning are the result of normal fluctuations with Reserve units staffing.

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

Training requirements to increase as more reserves are brought onboard (MASC/CHB), then decrease as training is accomplished.

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

Yes. Explosive safety training and forklift operations in addition to OJT in specific ordnance areas requiring workload support.

Unit: DET 716 Sioux Falls, SD	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	TARF TS
Enlisted	40	0	40	0	40	0	42	0	40	0	43	0
Officer	2	0	2	0	2	0	2	0	2	0	2	0

NOTE: Differences between authorized and actual manning are the result of normal fluctuations with Reserve units staffing.

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

Training requirements to increase as more reserves are brought onboard (MASC/CHB), then decrease as training is accomplished.

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

Yes. Explosive safety training and forklift operations in addition to OJT in specific ordnance areas requiring workload support.

Costs

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)
86-7966	DRAIN LINES BOILER RMS SB	1988	20.0
87-6174	HEATING SYSTEM B-915 SB	1988	1.9
86-1412	ALTS WATER WELL #6 SB	1988	44.1
87-6140	EMDCAN SITE PREP SB	1989	6.5
88-2745	CONTAINMENT BERM B-97 SB	1989	38.5
86-1412	PARKING LOT B-10/13 SB	1989	23.1
89-5289	EQUIP TEST PAD B-247 SB	1989	14.4
88-2797	SEWER TO B-89 SB	1989	37.0
89-5347	CONST SIDEWALK B-204 SB	1989	13.2
86-1412	CONST CONCRETE PAD B-128 SB	1989	7.3
86-1412	CONST CONCRETE PAD B-235 SB	1989	12.2
86-1412	PARKING LOT B-235 SB	1989	19.9

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ACTIVITY: N60701

(R item total

86-1412	PARKING LOT B-59 SB	1989	26.5
89-5347	SIDEWALK B-204 SB	1990	5.8
86-1412	MODS B-6 SB	1990	5.3
89-2797	SEWER CONNECTION B-89 SB	1990	7.0
5200217	SITE PREP METAL SHREDDER SB	1990	20.7
88-2761	PHS&T/OIL SPILL EQUIP STOR FAC SB	1991	14.3
88-2760	OTTO FUEL STOR FAC SB	1991	15.5
88-2798	CAR WASH FAC SB	1991	9.0
88-2798	RESTROOM FAC, SMALL ARMS RANGE SB	1991	16.4
88-2760	ACCESS ROAD, MAGS 910 & 911 SB	1991	11.1
88-2760	FCDC FOR ACCESS ROAD SB	1991	1.4
90-3646	ALTS CALIBRATION LAB B-112 SB	1992	131.2
90-3670	RAILROAD CROSSING SIGNALS SB	1992	69.6
91-4199	CONST ROAD B-910 SB	1992	50.3
90-3603	EXTEND PAINT SPRAY BOOTH B-241 SB	1992	51.9
90-3629	ALTS WEST WING B-230 SB	1992	148.8
91-3593	ALTS CADS FAC B-65/69 SB	1993	27.3
91-4232	ALTS WEST WING B-230 SB	1994	49.9
89-5328	OIL SPILL/PHS&T EQUIP STOR FAC SB	1994	85.5
93-3276	PARKING LOT B-26 SB	1994	65.0
92-6173	WATER BOOSTER STATION SB	1994	180.0

ACTIVITY: N60701

Project	Description	Fund Year	Value ($K)
86-7966	DRAIN LINES BOILER RMS SB	1988	20.0
86-1412	PARKING LOT B-59 SB	1989	26.5
89-5347	SIDEWALK B-204 SB	1990	5.8
86-1412	MODS B-6 SB	1990	5.3
89-2797	SEWER CONNECTION B-89 SB	1990	7.0
5200217	SITE PREP METAL SHREDDER SB	1990	20.7
88-2761	PHS&T/OIL SPILL EQUIP STOR FAC SB	1991	14.3
88-2760	OTTO FUEL STOR FAC SB	1991	15.5
88-2798	CAR WASH FAC SB	1991	9.0
88-2798	RESTROOM FAC, SMALL ARMS RANGE SB	1991	16.4
88-2760	ACCESS ROAD, MAGS 910 & 911 SB	1991	11.1
88-2760	FCDC FOR ACCESS ROAD SB	1991	1.4
90-3646	ALTS CALIBRATION LAB B-112 SB	1992	131.2
90-3670	RAILROAD CROSSING SIGNALS SB	1992	69.6
91-4199	CONST ROAD B-910 SB	1992	50.3
90-3603	EXTEND PAINT SPRAY BOOTH B-241 SB	1992	51.9
90-3629	ALTS WEST WING B-230 SB	1992	148.8
91-3593	ALTS CADS FAC B-65/69 SB	1993	27.3
91-4232	ALTS WEST WING B-230 SB	1994	49.9
89-5328	OIL SPILL/PHS&T EQUIP STOR FAC SB	1994	85.5
93-3276	PARKING LOT B-26 SB	1994	65.0
92-6173	WATER BOOSTER STATION SB	1994	180.0

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P-128	STANDARD/TOMAHAWK MAGAZINES	1988	7744.0
P-133	VLS/STANDARD MSL ILM FACILITY	1989	8850.0
P-129	STANDARD/TOMAHAWK MAGAZINES	1990	8676.0

NOTE: No capital improvements as a result of BRAC realignment or closures.

ACTIVITY: N60701

Project	Description	Fund Year	Value ($K)
86-7966	DRAIN LINES BOILER RMS SB	1988	20.0
P-128	STANDARD/TOMAHAWK MAGAZINES	1988	7744.0
P-133	VLS/STANDARD MSL ILM FACILITY	1989	8850.0
P-129	STANDARD/TOMAHAWK MAGAZINES	1990	8676.0

NOTE: No capital improvements as a result of BRAC realignment or closures.

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)
	SMALL ARMS RANGE FAC SB	1995	100.0
	ALTS B-203 SB	1995	100.0
	EXHAUST SYS B-235 SB	1995	40.0
	CAR WASH FAC SB	1995	100.0
	CCTV, PHASE 2 SB	1995	130.0
	HOT WATER STORAGE TANK B-241 SB	1995	40.0
	ALTS GUARD HOUSE B-107 SB	1996	30.0
	FORKLIFT BATTERY SHOP SB	1996	150.0
	ENERGY CONTROL SYSTEM SB	1996	75.0
	ALTS GUARD HOUSE B-848 SB	1996	30.0
	ALTS GUARD HOUSE B-202 SB	1996	50.0
	ALTS B-123 SB	1997	100.0
	STORAGE FAC PW YARD SB	1997	30.0
P-134	TOMAHAWK MAGAZINE	1992	2545.0
P-031	ORDNANCE TRANSFER FACILITY	1993	2150.0

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			

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ACTIVITY: N60701

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 faciliites. 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-Waterfron Operational Facilities	2318
04-Other Operational Facilities	1520
05-Training Facilities	272
06-Aviation Maintenance/Production	0
07-Shipyard Maintenance/Production	236
08-Other Maintenance/Production	8280
09-RDT&E	825
10-POL Supply/Storage	7
11-Ammo Supply/Storage	28650
12-Other Supply/Storage	89
13-Medical	18
14-Administrative	3130
15-Troop Housing/Messing	8 (R
16-Other Personnel Support & Services	760
17-Utilities	5180
18-Real Estate & Ground Structures	10700 (R

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 faciliites. 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**

Investment Category	$ K
01-Aviation Operational Facilities	0
02-Communication Operational Facilities	5
03-Waterfron Operational Facilities	2318
04-Other Operational Facilities	1520
05-Training Facilities	272
06-Aviation Maintenance/Production	0
07-Shipyard Maintenance/Production	236
08-Other Maintenance/Production	8280
09-RDT&E	825
10-POL Supply/Storage	7
11-Ammo Supply/Storage	28650
12-Other Supply/Storage	89
13-Medical	18
14-Administrative	3130
15-Troop Houding/Messing	8
16-Other Personnel Support & Services	760
17-Utilities	5180

ACTIVITY: N60701

Investment Category	$ K
Other (specify)	4500
Equipment (other than Class 2)*	20283.8
Activity TOTAL	86,781.8

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NOTE: *WPNSTA Seal Beach included NWAC and NAVORDCEN PACDIV Fallbrook Detachment for FY90-93.

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

Total planned Investments = $ 85,173.8K*

*Includes $32,835.0K of proposed MCON projects of which 22,300.0K are unprogrammed.

ACTIVITY: N60701

Investment Category	$ K
18-Real Estate & Ground Structures	10700
Other (specify)	0
Equipment (other than Class 2)*	20283.8
Activity TOTAL	82,281.8

NOTE: *WPNSTA Seal Beach included NWAC and NAVORDCEN PACDIV Fallbrook Detachment for FY90-93.

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

Total planned Investments = $ 85,173.8K*

*Includes $32,835.0K of proposed MCON projects of which 22,300.0K are unprogrammed.

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**

Deficiency	Cost to Correct ($ K)	Result of Corrections
MAINT DREDGING	4,000	0
REPR DOORS SH AREA	100	0
REPR B-73	90	0
REPR ROOFS SH AREA	220	0
LIGHTNING PROT B-102	83	0
REPR DRAIN, WATER, AIR B-94	100	0
REPR MAGAZINE EARTH COVERS	275	0
REPR LIGHT/LIGHTNING PROT B-94	242	0
LIGHTNING PROT SYS B-102	250	0
REPR SPRINKLERS B-126	55	0
REPR HEATING B-102	200	0
PAINT BOOTH EMISSION CNTL B-241	250	0
PAINT BOOTH EMISSION CNTL B-128	250	0
SEISMIC UPGRADE B-94	100	0
REPR HEATING B-128	120	0
PAINT BOOTH EMISSION CNTL B-59	250	0
REPR ELECTRICAL B-89	110	0

ACTIVITY: N60701

Deficiency	Cost to Correct ($ K)	Result of Corrections
SIDING B-128	50	0
REPR DOORS VARIOUS BLDGS	50	0
REPR ROOF B-251	35	0
REPR NORTH WING B-10	300	0
REPR B-123	200	0
REPR SPRINKLERS B-26	200	0
DEMO BOILERS B-10 & 72	100	0
REPR RESTROOMS VARIOUS BLDGS	40	0
REPR B-203	200	0
REPR WINDOS B-22	200	0
REPR B-235	165	0
REPR B-247	75	0
REPR ROOF B-112	300	0
REPR FUEL SYSTEM B-228	275	0
REPR WATER TOWER B-123	110	0
REPR B-250	85	0
REPR OIL/WATER SEPARATORS	75	0
SEWER LIFT STATIONS	200	0
REPR ELECTICAL DISTRIBUTION SYS	220	0
LIGHTNING PROT WHARF	140	0
REPR B-18	250	0
REPR SPRINKLERS B-923	100	0

REPR A/C B-879	110	0
REPR ROOF B-123	200	0
REPR ROOF B-235	200	0
REPR B-26	300	0
REPR B-230	100	0
REPR SPRINKLERS B-123	200	0
REPR B-68	150	0
REPR B-229	250	0
REPR ROADS	400	0
REPR FIRE ALARM SYS	800	0
REPR WATERFRONT FACILITY	100	0
REPR FENCES	200	0
REPR HEATING B-22	220	0
REPR ROOFS VARIOUS BLDGS	1300	0
REPR HVAC B-112	250	0
SEWAGE SYS B-915	200	0
REPR WHARF	600	0
REPR B-204	500	0
REPR B-110	800	0

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		
Security		
Fire		
Cafeteria		
Parking		
Utilities		
Child Care		
Base Housing	Naval Station, Long Beach	YES

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

Distance = <1 NM
Transit Time = <1 hours

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

Interstate Highway Interstate 405 1 mile

Airport of embarkation	Los Alamitos	4 miles
Seaport of embarkation	Long Beach	8 miles
Cargo rail terminal	Los Angeles	25miles

12. Stand Alone and Location Factors, continued

12.4 Is your activity serviced by rail trackage providing direct access to the commercial rail network?

YES.

If Yes, are you serviced by single or multiple tracks?

SINGLE.

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

Distance = _____ 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
Long Beach	8 miles
San Diego	92 miles

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

Table 12.6: **Pier Access**

Largest Vessel	Limiting Factors

Largest Vessel	Limiting Factors
AE21/AE26	Water depth, turning basin or pier length depending of ship class.

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	0	0	
Railcars	48,196	95	
Barges	16,000	6	
Explosive Holding Yards	329,000	3	Cell 500, Helo Pad, Marshalling Yard
Explosive Anchorages	N/A	1	Kilo 5
Barricaded Railroad Siding	489,600	40	4 railcars per siding
Other (specify)			

Note: No units are excess to planned needs.
An explosive anchorage is available to load large ships classes (NEW, Length, and Draft). This anchorage provides a 1.25M (1.1) NEW and is located approximately 2 nautical miles from the wharf. (R

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Largest Vessel	Limiting Factors
AE21/AE26	Water depth, turning basin or pier length depending of ship class.

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.

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Explosive Anchorages	N/A	1	Kilo 5
Barricaded Railroad Siding	489,600	40	4 railcars per siding
Other (specify)			

Note: No units are excess to planned needs.

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

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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.

One (1) combatants (including CG, LPD, and FFG) or one (1) SSN may be berthed pierside while conducting loading operations on an additional ship pierside. No electrical power, steam, or compressed air is available at present. A CVN could be berthed at anchorage, no services available. The largest ship that can be berthed at the pier is an AE21 or AE26 class ship.

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.

In accordance with OP5, transmission within 75' of the pier are forbidden, except for HERO approved radios.

All hot work requires a permit from safety. Requirement are determined on a case by case basis. Except in an emergency situation there is no welding, open flame or hot work permitted during ammunition handling. Emergency welding/hot work is allowed only in areas not involved in the ordnance handling evolution.

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. (R

- 64 sites being investigated under the Navy's Installation Restoration Program.

- Approximately 1,000 acre National Wildlife Refuge.

- Air emission capability has reached allowed capacity. Existing emission level will be reduced in future.

- There are 989 unrestricted acres and 1129 restricted acres available for expansion.

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.

- Undeveloped acreage is farmland.

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

Hazardous waste is accumulated in less-than-90-day storage site. When appropriate the waste is transferred to RCRA permitted storage facility where it is processed for disposal. The storage facility has the capacity to hold up to 700 55 gallon drums. The station also operates two 9,100 gallon RCRA permitted storage tanks that are emptied once a year.

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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
Rail Road Right-of-Way	30 March 1992	Still in Affect
Westminster Avenue	1 June 1992	Still in Affect
Water craft (Anaheim Bay)	1 February 1963	Still in Affect
PCH Adjacent Rail Road Right-of-way (ESQD)	2 July 1946	Still in Affect

Quality of Life

17. Military Housing - Family Housing

17.1 Do you have mandatory assignment to on-base housing? **Yes.**

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

NOTE: Family housing in the local area is managed by Naval Station, Long Beach. There are 8 family housing units on WPNSTA Seal Beach property records and additional 200 units on station property that are on Naval Station, Long Beach's records. Naval Station, Long Beach is scheduled for closure but WPNSTA Seal Beach requests the retention and management of the family housing units on WPNSTA Seal Beach property. Information supplied in this section was provided by the Housing Office at Naval Station, Long Beach.

Table 17.2: **Available Military Family Housing**

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	48			
Officer	3	50			
Officer	1 or 2	4			
Enlisted	4+	104			
Enlisted	3	291			
Enlisted	1 or 2	536			
Mobile Homes		N/A			
Mobile Home lots		N/A			

NOTE: This table represents all the assets that Naval Station, Long Beach manages. The 208 units located at WPNSTA Seal Beach are adequate.

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.

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?

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** (R

Pay Grade	Number of Bedrooms	Number on List	Average Wait
O-6/7/8/9	1	N/A	
	2	N/A	
	3	N/A	
	4+	1	0-1 MONTH
O-4/5	1	N/A	
	2	N/A	
	3	3	2-3 MONTHS
	4+	2	2-3 MONTHS
O-1/2/3/CWO	1	N/A	
	2	4	
	3	2	
	4+	0	
E7-E9	1	N/A	
	2	N/A	
	3	17	0-1 MONTH
	4+	10	2-4 MONTHS
E1-E6	1		
	2	18	0-1 MONTH
	3	17	0-1 MONTH
	4+	15	2-4 MONTHS

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Note: Data is for units managed by Housing Office, Naval Station, Long Beach.

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	Closeness to station.
2	High cost of civilian housing.
3	No civilian housing near station.
4	Security of military housing.
5	Utilities included in military housing.

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	94
Substandard	78
Inadequate	

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.

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Quality of Life

18. Military Housing - Bachelor Quarters

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

Table 18.1: **BEQ Utilization**

Type of Quarters	Utilization Rate
Adequate	52
Substandard	N/A
Inadequate	46

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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 to date.

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

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

AOB = 13 R 8/31/94

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.)	13	87	
Spouse Employment (non-military)	2	13	
Other			
TOTAL		100 %	

18.5 How many enlisted Geographic Bachelors (GB) do not live on base? R 8/31/9

GB Off-Base = 0

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	49
Substandard	N/A
Inadequate	45.5

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 to date.

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

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

AOB = 12

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.)	13	87	
Spouse Employment (non-military)	2	13	
Other			
TOTAL		100 %	

ACTIVITY: N60701

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

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?

N/A.

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

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

AOB = N/A

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)**

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

ACTIVITY: N60701

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

GB Off-Base = N/A

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 SEAL BEACH DISTANCE 0

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

Facility	Unit of Measure	Total	Profitable (Y / N / N/A)
Auto Hobby	Indoor Bays		
	Outdoor Bays		
Arts / Crafts	SF		
Wood Hobby	SF		
Bowling	Lanes	4	Y
Enlisted Club	SF		
Officers Club	SF		
Library	SF		
Library	Books		
Theater	Seats		
ITT	SF	1168	Y
Museum / Memorial	SF		
Pool (indoor)	Lanes		
Pool (outdoor)	Lanes		
Beach	LF	1095	N/A
Swimming Ponds	Each		
Tennis Court	Each	1	N/A

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R

ACTIVITY: N60701

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	2	N/A
Golf Course	Holes		
Driving Range	Tee Boxes	13	N
Gymnasium	SF	8640	N/A
Fitness Center	SF	2272	N/A
Marina	Berths		
Stables	Stalls		
Softball Field	Each	2	N/A
Football Field	Each		
Soccer Field	Each		
Youth Center	SF		
All Hands Club	SF	4277	Y
Beach House	SF	867	N
Batting Cage	Each	2	N
Vehicle Storage	Spaces	131	Y
Bowling Snack Bar	SF	1168	Y

R 8/31/94

R 8/31/94

19.2 Is your library part of a regional interlibrary loan program?

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	2	N/A
Golf Course	Holes		
Driving Range	Tee Boxes	13	N
Gymnasium	SF	8640	N/A
Fitness Center	SF	2272	N/A
Marina	Berths		
Stables	Stalls		
Softball Field	Each	2	N/A
Football Field	Each		
Soccer Field	Each		
Youth Center	SF		
All Hands Club	SF	4277	Y
Beach House	SF	405	N
Batting Cage	Each	2	N
Vechicle Storage	Spaces	131	Y
Bowling Snack Bar	SF	1168	Y

19.2 Is your library part of a regional interlibrary loan program?

N/A.

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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.

NONE.

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						
6-12 Months						
12-24 Months						
24-36 Months						
3-5 Years						

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 BASEREP?

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? # = 0

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).

Naval Station, Long Beach 172 children 0-5 years

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** (R

Service	Unit of Measure	Quantity
Exchange	SF	
Gas Station	SF	
Auto Repair	SF	
Auto Parts Store	SF	
Commissary	SF	
Mini-Mart	SF	3914
Package Store	SF	
Fast Food Restaurants	Each	
Bank/Credit Union	Each	1
Family Service Center	SF	
Laundromat	SF	
Dry Cleaners	Each	
ARC	PN	
Chapel	PN	
FSC Classroom/Auditorium	PN	
All Hands Club	SF	4277

R 08/31/94

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	
Gas Station	SF	
Auto Repair	SF	
Auto Parts Store	SF	
Commissary	SF	
Mini-Mart	SF	3914
Package Store	SF	
Fast Food Restaurants	Each	
Bank/Credit Union	Each	1
Family Service Center	SF	
Laundromat	SF	
Dry Cleaners	Each	
ARC	PN	
Chapel	PN	
FSC Classroom/Auditorium	PN	
All Hands Club	SF	1168

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)
Los Angeles	12
Long Beach	2
Anaheim	8

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	329.94	182.36
E2	313.18	196.95
E3	306.43	225.79
E4	328.15	229.02
E5	358.55	250.34
E6	418.55	284.92
E7	455.46	316.39
E8	515.05	389.37
E9	510.90	387.83
W1	529.56	402.18
W2	541.06	424.37
W3	535.54	436.34
W4	627.08	555.99
O1E	499.92	370.82
O2E	507.19	404.38
O3E	546.02	461.93
O1	455.84	335.90
O2	491.21	383.94
O3	506.09	426.10
O4	595.06	517.47
O5	612.43	506.48
O6	667.37	469.62

O7	574.79	467.00

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	850	350	55
Apartment (1-2 Bedroom)	1000	450	80
Apartment (3+ Bedroom)	1400	800	100
Single Family Home (3 Bedroom)	2000	1200	125
Single Family Home (4+ Bedroom)	2100	1300	125
Town House (2 Bedroom)	1100	800	90
Town House (3+ Bedroom)	1200	1000	100
Condominium (2 Bedroom)	1100	800	90
Condominium (3+ Bedroom)	1200	1000	100

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	91.6
Apartment (1-2 Bedroom)	91.6
Apartment (3+ Bedroom)	91.6
Single Family Home (3 Bedroom)	91.6
Single Family Home (4+ Bedroom)	91.6
Town House (2 Bedroom)	91.6
Town House (3+ Bedroom)	91.6
Condominium (2 Bedroom)	91.6
Condominium (3+ Bedroom)	91.6

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)	160,000
Single Family Home (4+ Bedroom)	170,000
Town House (2 Bedroom)	140,000
Town House (3+ Bedroom)	145,000
Condominium (2 Bedroom)	150,000
Condominium (3+ Bedroom)	155,000

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	0	0	0
May	0	0	0
June	0	0	0
July	0	0	0
August	0	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.

This area has a high property value. Location is near the ocean and within a large metropolitan area where property values can be high. The Los Angeles/Orange county area has a large civilian population that is capable of paying the high cost of rentals/sales.

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
FC	0	15
GMM	0	20
TM	0	9
SK	0	1

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)
Long Beach	10	10	25
Westminister	7	5	15
Garden Grove	7	7	20
Los Alamitos	6	5	15
Lakewood	4	12	30

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	Type	Grade Level(s)	Special Education Available	Annual Enrollment Cost/Student	SAT/ ACT Score	% HS to College	Source of Info
Los Alamitos Unified	Pub	K-12	Yes	NA	1004	62.5	(1)
Montesori Greenhouse	Pri	K	No	NA			(2)
St. Hedwig	Par	K-8	No	NA			(2)
Small World	Pri	K	No	NA			(2)

NOTE: Los Alamitos Unified School District is the local unified school district in which the Station is located. It has five elementary (K-5), one middle (6-8) and two high schools (9-12) with an enrollment of 7296. There are 109 public elementary/high school districts with 2079 schools in Orange and Los Angeles counties; most with special education programs. Additionally, there are hundreds of private and parochial schools in this region. Depending upon residence location, every type of educational support and opportunity is available within this network.

(1) Los Alamitos Unified School District, May 94.

(2) Orange County Department of Education, 1992-1993 Directory.

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	
UC, Irvine	Day	N0	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
UC, Los Angeles	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
CSU, Long Beach	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
CSU, Fullerton	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
CSU, Dominguez Hills	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
CSU, Los Angeles	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
Cal Poly, Pomona	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
Calif Institute of Techology	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
Chapman	Day	NO	YES	YES	YES	YES

	Night	NO	YES	YES	YES	YES
Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Christ College, Irvine	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
Loyola Marymount	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
Mount St. Mary's	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
The Master's College	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
Northrup University	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
Occidental	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
Pacific Christian	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
Southern California College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
University of Southern Calif	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
Whitter	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES

Rio Hondo College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
West Los Angeles College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
Cerritos College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
Citrus College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
Coastline Community College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
Cypress College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
El Camino College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
East Los Angeles College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
Fullerton College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
Golden West College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
Glendale College	Day	NO	YES	YES	YES	NO

	Night	NO	YES	YES	YES	NO
Ivine Valley College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Long Beach City College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
Los Angeles City College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
LA Harbor College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
LA Mission College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
LA Pierce College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
LA Southwest College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
LA Trade-Technical College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
LA Valley College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
Mt. San Antonio College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO

Orange Coast College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
Rancho Santiago College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Pacific Coast, School of Law	Day	NO	NO	NO	NO	YES
	Night	NO	NO	NO	NO	YES
Rand Graduate School of Policy	Day	NO	NO	NO	NO	YES
	Night	NO	NO	NO	NO	YES
Western State College of Law	Day	NO	NO	NO	NO	YES
	Night	NO	NO	NO	NO	YES
Saddleback College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
Art Center College of Design	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
Art Institute of So. Calif	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
American Film Institute Center	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
Antioch University	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
Calif Family Study Center	Day	NO	YES	YES	NO	NO

	Night	NO	YES	YES	NO	NO
Calif Institute of the Arts	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
Charles R. Drew University	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Cleveland Chiropractic College	Day	NO	NO	NO	YES	YES
	Night	NO	NO	NO	YES	YES
Fuller Theological Seminary	Day	NO	NO	NO	YES	YES
	Night	NO	NO	NO	YES	YES
Los Angeles Chiropractic	Day	NO	NO	NO	YES	YES
	Night	NO	NO	NO	YES	YES
Pacific Oaks College	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
Sierra University	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
SoCal College of Chiropractic	Day	NO	NO	NO	YES	YES
	Night	NO	NO	NO	YES	YES
SoCal College of Optometry	Day	NO	NO	NO	YES	YES
	Night	NO	NO	NO	YES	YES
SoCal Institute of Architecture	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO

University of Judaism	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
University of West Los Angeles	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
DeVry Institute of Technology	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Otis Parsons School of Art Design	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
West Coast University	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
National University	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
Woodbury University	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
American Academy of Dramatic Arts	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
Brooks College	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
College of Developmental Studies	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
College Ocean Engineering	Day	NO	YES	YES	YES	NO

	Night	NO	YES	YES	YES	NO
Comptom Community College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO
Control Data Institute	Day	NO	YES	YES	NO	NO
	Night	NO	YES	YES	NO	NO
Don Bosco Technical Institute	Day	NO	YES	YES	NO	NO
	Night	NO	YES	YES	NO	NO

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Fashion Institute of Design	Day	NO	YES	NO	NO	NO
	Night	NO	YES	NO	NO	NO
ITT Technical Institute Buena Park	Day	NO	YES	NO	NO	NO
	Night	NO	YES	NO	NO	NO
ITT Technica Institute Carson	Day	NO	YES	NO	NO	NO
	Night	NO	YES	NO	NO	NO
ITT Technical Institute Van Nuys	Day	NO	YES	NO	NO	NO
	Night	NO	YES	NO	NO	NO
National Technical Schools	Day	NO	YES	NO	NO	NO
	Night	NO	YES	NO	NO	NO
Friedman Occupational Center	Day	NO	YES	NO	NO	NO
	Night	NO	YES	NO	NO	NO
Santa Monica City College	Day	NO	YES	YES	YES	NO
	Night	NO	YES	YES	YES	NO

Business Industry School	Day	NO	YES	NO	NO	NO
	Night	NO	YES	NO	NO	NO
Harbor Occupational Center	Day	NO	YES	NO	NO	NO
	Night	NO	YES	NO	NO	NO
North Valley Occupational Center	Day	NO	YES	NO	NO	NO
	Night	NO	YES	NO	NO	NO
Valley Occupational Center	Day	NO	YES	NO	NO	NO
	Night	NO	YES	NO	NO	NO
Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
West Valley Occupational Center	Day	NO	YES	NO	NO	NO
	Night	NO	YES	NO	NO	NO
Azusa Pacific	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES
Biola	Day	NO	YES	YES	YES	YES
	Night	NO	YES	YES	YES	YES

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	
Various*	Day	NO	YES	NO	NO	NO
	Night	NO	NO	NO	NO	NO
	Corres-pondence	NO	YES	YES	NO	NO
	Day					
	Night					
	Corres-pondence					
	Day					
	Night					
	Corres-pondence					

*Job-related technical short courses are offered on-site from various resources. Vocational, technical, and academic correspondence courses are available to civilian and military from a variety of resources.

Quality of Life

27. Spousal Employment Opportunities

27.1 Provide the following data on spousal employment opportunities.

Table 27.1: **Spouse Employment***

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

*No FSC Spouse Employment Assistance provided during this period.

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.

No. The access to military or civilian medical/dental care within the Los Angeles/Orange county area is not a problem. The quantity and diversity of these services is enormous and the area possesses an excess of these services.

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.

No. The access to military or civilian medical/dental care within the Los Angeles/Orange county area is not a problem. The quantity and diversity of these services is enormous and the area possesses an excess of these services.

ACTIVITY: N60701

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** (R

Crime Definitions	FY 1991	FY 1992	FY 1993	
1. Arson (6A)	1	0	0	R 8/31/94
Base Personnel - military	(1)			R 8/31/94
Base Personnel - civilian				
Off Base Personnel - military				
Off Base Personnel - civilian				
2. Blackmarket (6C)	0	0	0	
Base Personnel - military				
Base Personnel - civilian				
Off Base Personnel - military				
Off Base Personnel - civilian				
3. Counterfeiting (6G)	0	0	0	
Base Personnel - military				
Base Personnel - civilian				
Off Base Personnel - military				
Off Base Personnel - civilian				
4. Postal (6L)	0	0	0	
Base Personnel - military				
Base Personnel - civilian				
Off Base Personnel - military				
Off Base Personnel - civilian				R 8/31/94

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			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
2. Blackmarket (6C)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
3. Counterfeiting (6G)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
4. Postal (6L)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			

ACTIVITY: N60701

Off Base Personnel - civilian			

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				
Base Personnel - civilian				
Off Base Personnel - military				
Off Base Personnel - civilian				
6. Burglary (6N)	8	14	12	R 8/31/94
Base Personnel - military				
Base Personnel - civilian	(1)	(3)	(2)	R 8/31/94
Off Base Personnel - military		(2)		R 8/31/94
Off Base Personnel - civilian	(7)	(9)	(10)	R 8/31/94
7. Larceny - Ordnance (6R)	0	0	0	
Base Personnel - military				
Base Personnel - civilian				
Off Base Personnel - military				
Off Base Personnel - civilian				
8. Larceny - Government (6S)	11	4	12	R 8/31/94
Base Personnel - military	(1)			R 8/31/94
Base Personnel - civilian	(9)	(4)	(12)	R 8/31/94
Off Base Personnel - military				
Off Base Personnel - civilian	(1)			R 8/31/94

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			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
6. Burglary (6N)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
7. Larceny - Ordnance (6R)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
8. Larceny - Government (6S)	0	5	7
Base Personnel - military			
Base Personnel - civilian		(5)	(7)
Off Base Personnel - military			
Off Base Personnel - civilian			

ACTIVITY: N60701

29. Crime Rate, continued

Table 29.1.bc: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993	
9. Larceny - Personal (6T)	16	15	5	R 8/31/94
Base Personnel - military	(3)	(4)	(4)	R 8/31/94
Base Personnel - civilian	(13)	(10)		R 8/31/94
Off Base Personnel - military			(1)	R 8/31/94
Off Base Personnel - civilian		(1)		R 8/31/94
10. Wrongful Destruction (6U)	27	24	29	R 8/31/94
Base Personnel - military	(11)	(14)	(13)	R 8/31/94
Base Personnel - civilian	(15)	(10)	(13)	R 8/31/94
Off Base Personnel - military				
Off Base Personnel - civilian	(1)		(3)	R 8/31/94
11. Larceny - Vehicle (6V)	2	2	1	R 8/31/94
Base Personnel - military	(1)	(2)	(1)	R 8/31/94
Base Personnel - civilian	(1)			R 8/31/94
Off Base Personnel - military				
Off Base Personnel - civilian				
12. Bomb Threat (7B)	4	7	2	R 8/31/94
Base Personnel - military		(3)	(2)	R 8/31/94
Base Personnel - civilian	(3)	(4)		R 8/31/94
Off Base Personnel - military				
Off Base Personnel - civilian	(1)			R 8/31/94

29. Crime Rate, continued

Table 29.1.bc: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)	UNK	10	0
Base Personnel - military		(6)	
Base Personnel - civilian		(4)	
Off Base Personnel - military			
Off Base Personnel - civilian			
10. Wrongful Destruction (6U)	UNK	24	25
Base Personnel - military		(8)	(7)
Base Personnel - civilian		(16)	(18)
Off Base Personnel - military			
Off Base Personnel - civilian			
11. Larceny - Vehicle (6V)	0	2	0
Base Personnel - military			
Base Personnel - civilian		(2)	
Off Base Personnel - military			
Off Base Personnel - civilian			
12. Bomb Threat (7B)	UNK	0	1
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

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ACTIVITY: N60701

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	R 8/31/94
Base Personnel - military				
Base Personnel - civilian				
Off Base Personnel - military				
Off Base Personnel - civilian				
14. Assault (7G)	6	6	6	R 8/31/94
Base Personnel - military	(4)	(4)	(3)	R 8/31/94
Base Personnel - civilian	(2)	(1)	(2)	R 8/31/94
Off Base Personnel - military		(1)		R 8/31/94
Off Base Personnel - civilian			(1)	R 8/31/94
15. Death (7H)	0	0	0	R 8/31/94
Base Personnel - military				
Base Personnel - civilian				
Off Base Personnel - military				
Off Base Personnel - civilian				(R 8/31/94
16. Kidnapping (7K)	0	0	0	
Base Personnel - military				
Base Personnel - civilian				
Off Base Personnel - military				
Off Base Personnel - civilian				

29. Crime Rate, continued

Table 29.1.d: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)	UNK	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
14. Assault (7G)	UNK	4	6
Base Personnel - military		(1)	(4)
Base Personnel - civilian		(1)	(1)
Off Base Personnel - military			
Off Base Personnel - civilian		(2)	(1)
15. Death (7H)	0	0	1
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			(1)
16. Kidnapping (7K)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

29. Crime Rate, continued

Table 29.1.e: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993	
18. Narcotics (7N)	1	4	1	R 8/31/94
Base Personnel - military				R 8/31/94
Base Personnel - civilian		(4)	(1)	R 8/31/94
Off Base Personnel - military				
Off Base Personnel - civilian	(1)			R 8/31/94
19. Perjury (7P)	0	0	0	
Base Personnel - military				
Base Personnel - civilian				
Off Base Personnel - military				
Off Base Personnel - civilian				
20. Robbery (7R)	0	0	0	
Base Personnel - military				
Base Personnel - civilian				
Off Base Personnel - military				
Off Base Personnel - civilian				
21. Traffic Accident (7T)	24	30	24	R 8/31/94
Base Personnel - military	(11)	(8)	(13)	R 8/31/94
Base Personnel - civilian	(11)	(19)	(11)	R 8/31/94
Off Base Personnel - military				
Off Base Personnel - civilian	(2)	(3)		R 8/31/94

29. Crime Rate, continued

Table 29.1.e: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)	1	3	2
Base Personnel - military	(1)	(2)	(2)
Base Personnel - civilian		(1)	
Off Base Personnel - military			
Off Base Personnel - civilian			
19. Perjury (7P)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
20. Robbery (7R)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
21. Traffic Accident (7T)	UNK	14	10
Base Personnel - military		(5)	(5)
Base Personnel - civilian		(9)	(5)
Off Base Personnel - military			
Off Base Personnel - civilian			

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	R 8/31/94
Base Personnel - military				
Base Personnel - civilian				
Off Base Personnel - military				
Off Base Personnel - civilian				
23. Indecent Assault (8D)	0	0	0	
Base Personnel - military				
Base Personnel - civilian				
Off Base Personnel - military				
Off Base Personnel - civilian				
24. Rape (8F)	0	0	0	
Base Personnel - military				
Base Personnel - civilian				
Off Base Personnel - military				
Off Base Personnel - civilian				
25. Sodomy (8G)	1	0	0	R 8/31/94
Base Personnel - military				
Base Personnel - civilian	(1)			R 8/31/94
Off Base Personnel - military				
Off Base Personnel - civilian				

29. Crime Rate, continued

Table 29.1.f: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
22. Sex Abuse - Child (8B)	UNK	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
23. Indecent Assault (8D)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
24. Rape (8F)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
25. Sodomy (8G)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

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)

Signature

Executive Director
Title

3 Jun 94
Date

NAVORDCEN PACDIV
Activity

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)

Signature

COMMANDER
Title

14 JUL 94
Date

NAVAL ORDNANCE CENTER
Activity

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)

Signature

Title Commander
Naval Sea Systems Command

7/15/94
Date

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)

Signature

Title

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

J. F. STEADLEY
NAME (Please type or print)

Signature

Commanding Officer
Title

1 Jun 94
Date

Naval Weapons Station Seal Beach
Activity

Data Call 46 - Military Value

BRAC CERTIFICATION - REVISED MIL ANALYSIS

WPNSTA SEAL BEACH

2

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, CAPT, USN
NAME (Please type or print)

Signature

Commander
Title

24 Oct 94
Date

NAVORDCEN PACDIV
Activity

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NEXT ECHELON LEVEL (if applicable)

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

Signature

COMMANDER
Title

7 NOV 94
Date

NAVAL ORDNANCE CENTER
Activity

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)
G. R. STERNER

Signature

Commander
Title
Naval Sea Systems Command

11/8/94
Date

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)

Signature

Title

12/2/94
Date

R

BRAC-95 CERTIFICATION

REVISED DATA CALL WORK SHEET FOR MILITARY VALUE ANALYSIS, NAVAL WAPONS STATIONS, NAVAL MAGAZINES AND STRAEGIC MISSILE FACILITIES

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."

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

ACTIVITY COMMANDER

J. F. STEADLEY
NAME (Please type or print)

Signature

Commanding Officer
Title

21 Oct 94
Date

Naval Weapons Station Seal Beach
Activity

BRAC DATA CALL - MILITARY VALUE ANALYSIS
WPNSTA SEAL BEACH

105 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)

J. C. DEVLIN, CAPT, USN
NAME (Please type or print)

Signature

Commander
Title

27 Oct 94
Date

NAVORDCEN PACDIV
Activity

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)

Signature

COMMANDER
Title

2 DEC 94
Date

NAVAL ORDNANCE CENTER
Activity

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)

Signature

G. R. STERNER
Title Commander
Naval Sea Systems Command

12/8/94
Date

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)

Signature

Title

12/22/94
Date

R

BRAC-95 CERTIFICATION

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

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."

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

ACTIVITY COMMANDER

J. F. STEADLEY
NAME (Please type or print)

Signature

Commanding Officer
Title

12 Sep 94
Date

Naval Weapons Station Seal Beach
Activity

REVISED DATA CALL WORKSHEET FOR MILITARY VALUE ANALYSIS
NAVAL WEAPONS STATIONS, NAVAL MAGAZINES, AND
STRATEGIC WEAPONS FACILITIES - WPNSTA SEAL BEACH

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, CAPT, USN
NAME (Please type or print)

Signature

Commander
Title

7 Nov 94
Date

NAVORDCEN PACDIV
Activity

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, CAPT, USN
NAME (Please type or print)

Signature

COMMANDER
Title

2 DEC 94
Date

NAVAL ORDNANCE CENTER
Activity

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)

Signature

G. R. STERNER
Title Commander
Naval Sea Systems Command

12/8/94
Date

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

W. A. EARNER

NAME (Please type or print)

Signature

Title

12/22/94
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.

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

ACTIVITY COMMANDER

J. F. STEADLEY
NAME (Please type or print)

Signature

Commanding Officer
Title

Date 28 SEP 1994

Naval Weapons Station Seal Beach
Activity