for whom arresting drinking drivers is a business.

The reason, say despairing judges

maximum jail term for 180 days."

And that apparently didn't deter Toole.

another appointment.

Although police consider Toole one

See **DRIVER** on A17

suspended until 2068.

De Phila. Inquirer 4/28/95

U.S. Navy fuels jobs for Japanese workers

Two facilities in Japan service U.S. ships. While work is lost at home, business is brisk there.

By James R. Carroll and Neil Strassman
INQUIRER WASHINGTON BUREAU

WASHINGTON — At a time when thousands of American shipyard workers, including those in Philadelphia, are losing their jobs, the Navy has preserved an oasis of lucrative and plentiful work.

That oasis is in the Japanese port city of Yokosuka near the mouth of Tokyo Bay, where Japanese workers have guaranteed job security at facilities operated by the U.S. military for the U.S. military, and paid for by U.S. taxpayers.

The ships under repair at the U.S. Naval Ship Repair Facility in Yokosuka — and at a similar, smaller facility in Sasebo, Japan — are Navy warships assigned to protect American interests in the western Pacific. There is so much work to do in

See **SHIPYARDS** on A24

Inside

Defense lawyers continue to hammer at rookie criminalist Andrea Mazzola over her handling of a blood sample taken from O.J. Simpson. A7.

A teenager pleads guilty in the murder of Michael Jordan's father and agrees to testify against another man. A15.

A huge drug raid in North Philadelphia nets 14 arrests, including an alleged drug lord. B1.

PGW unleashes private bill collectors on 17,000 customers, including some who fell as little as one bill behind. **Business, C1.**

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Weather

Partly sunny, windy; high 68, low 47. Sunny tomorrow, high 66, low 47. **Full report, B8.**

U.S. will fight Microsoft-Intuit plan for merger

By Dan Steinberg
INQUIRER STAFF WRITER

The U.S. government said yesterday that it would fight the proposed merger of mammoth Microsoft Corp., the world's biggest software producer, with Intuit, which makes the software used by millions of people to balance their checkbooks and pay their taxes.

The Justice Department's antitrust division filed a lawsuit in San Francisco, alleging that the proposed $2 billion merger of Microsoft and Intuit, maker of the popular Quicken program, would lead to higher prices for consumers and less innovation in personal-finance software.

The companies said they would fight back. "We are 100 percent committed to this merger. We are resolved and resolute," Intuit chairman Scott Cook said. "We believe we are right, and we believe it is good for consumers."

Assistant Attorney General Anne K. Bingaman said allowing Microsoft to control the personal-finance market would give it "a cornerstone asset" that could be used "to seize con-

See **MICROSOFT** on A18

The 50th Holocaust Remembrance Day was marked yeste
Jerusalem. Survivor Mordechai Fuchs read the names o
awaited their turn. At 10 a.m., wailing sirens brought all
introspection. High school students in Tel Aviv lit a cand

A find points to

By Boyce Rensberger
WASHINGTON POST

Africans who lived about 90,000 years ago carved animal bones into barbed spear points and used these relatively sophisticated weapons to catch fish, a team of anthropologists has concluded.

And if they are right, their discovery indicates that technology reached this level of advancement in Africa about 75,000 years before it appeared in Europe or Asia.

Advancement over Europe and Asia was suggested.

The findings, reported in today's issue of the journal Science, fit well with other evidence
cally modern human
physically like those
and presumably of co
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perhaps
years a
reached
later, br
perior to
ities wit
Previo
had s
these earliest examp
humans had develo
pler, cruder stone-
until they reached
40,000 years ago. At

Maintaining U.S. warships keeps two facilities in Japan bustling

SHIPYARDS from A1

Yokosuka that the yard's 1,000 Japanese workers cannot keep up with it all. So the extra work is being subcontracted to private Japanese shipyards.

The Navy has kept operations humming by cutting a deal with the Japanese government under which Japan subsidizes what otherwise would be astronomical labor costs. The effect of the deal is to make ship-maintenance costs in Japan far cheaper than at any U.S. shipyard. By one estimate, the cost to do the work at U.S. yards would be anywhere from 131 percent to 460 percent higher.

The cornucopia of work in Japan is in stark contrast to the comparatively slim pickings in U.S. shipyards.

Under a 1991 agreement, Japan picks up an increasing share of the labor costs. By next year, it will be covering 100 percent.

The Navy has said that with its shrinking fleet, there is not enough work to spread among the seven U.S. naval yards. Previous base-closing commissions agreed: The Philadelphia Naval Shipyard; the Charleston, S.C., Naval Shipyard; and the Mare Island Naval Shipyard in Vallejo, Calif., all will close before the end of next year. It also has proposed to close the Long Beach, Calif., shipyard.

The Philadelphia shipyard is scheduled to close on Sept. 15, with a direct loss of more than 4,000 jobs and an estimated indirect loss of a similar number of jobs among vendors and subcontractors.

However, the Navy's own fleet-maintenance and repair plans for the next seven years show that a large amount of work that could be done at home is scheduled for the Japanese facilities.

"I think it's a disgrace. They're closing our shipyards and giving the work to a foreign country," said Bill Reil, president of the AFL-CIO Metal Trades Council in Philadelphia.

Rep. Curt Weldon, a Delaware County Republican, issued a stern warning to the Navy: "If nonemergency work is being done overseas, I will use every leverage I have as chairman of the research and development subcommittee of the House National Security Committee to stop it immediately."

He said he learned that work was being done in Japan two years ago and had the Congressional Budget Office look into it.

"They gave us the assurance it was specific emergency work for the fleet that operates in that part of the world," Weldon said. "If that's not true, there will be a strong bipartisan effort to bring them back into full compliance. There is no way we'll tolerate doing work there that could be done here."

"It's an outrage," said Rep. Steve Horn (R., Calif.), who represents the area that includes the Long Beach Naval Shipyard.

Horn and other furious lawmakers have charged that the U.S. government is doing what it has attacked private American companies for doing: exporting jobs.

Yokosuka and Sasebo together are scheduled for 142 maintenance and repair jobs through 2002 — more than the jobs scheduled at any U.S. naval shipyard, according to documents first made public by Inside the Navy, a watchdog newsletter.

"That's just criminal," Silas Nunn, vice president of the Shipbuilders Council of America, said of the work in Japan. The council represents 20 companies that operate 40 private shipyards in the United States.

The Navy insists that its critics are drawing the wrong conclusions about operations in Japan.

"We didn't close an American yard so we could keep work in a Japanese yard," said Charles Nemfakos, who headed the Navy task force on base closings. "Should we attempt to move normal maintenance out of a Japanese yard and send it back home? Given the distances involved, that would be difficult to pull off."

In fact, he said, "the American taxpayer is getting a pretty good deal. ... For one thing, we get a lot of support from the Japanese government in terms of costs they pick up that are not insignificant and support our forward presence."

Under a 1991 agreement with Japan, that nation's government agreed to pick up a gradually increasing share of the labor costs for work in Yokosuka and Sasebo. By next year, Japan will be covering 100 percent of those costs, a major reason why the bills to the Navy for ship repair and maintenance are so affordable there. However, the labor costs on the excess work going to the private Japanese yards are not covered.

Japan turns out to be an unusual case. Not only are Yokosuka and Sasebo the only such U.S.-run facilities in the world, but the Navy ships in Japan are the only ones with home ports outside the United States, except for two others in the Mediterranean. Almost all those ships in Japan remain stationed there for years at a time, according to the Navy.

Elsewhere around the globe, where the remaining 360 Navy ships are deployed, the vessels come home for any work beyond emergency repairs.

Navy officials contend that for national-security reasons, a large U.S. presence is still necessary in the Asia-Pacific region. Seventeen U.S. warships have home ports in Japan, and the maintenance must be done in Japan if the Navy is to meet its mission, officials argue.

They add that returning those ships to the United States for repairs would be a hardship to sailors and their families, who would have to move temporarily with the vessels, and would cost too much.

Critics attack the Navy's contentions of savings, saying that whatever money is saved in Japan is more than offset by the costs of thousands of lost jobs in American shipyards and the devastation to local economies.

Inquirer staff writer Henry J. Holcomb contributed to this article.

SATURDAY, A
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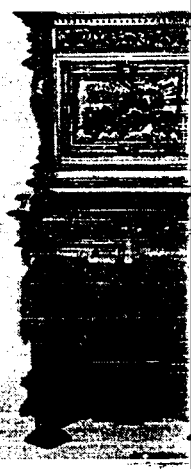
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DEFENSE BASE CLOSURE AND REALIGNMENT COMMISSION

SUMMARY SHEET

NAVAL SHIPYARD, LONG BEACH, CALIFORNIA

INSTALLATION MISSION

Provide comprehensive industrial workforce and facilities for conversion, overhaul, and drydocking of all classes of Navy non-nuclear vessels, their systems and equipment.

DOD RECOMMENDATION

- Close the Naval Shipyard Long Beach, California.
- Retain the sonar dome government-owned, contractor-operated facility and those family housing units needed to fulfill Department of the Navy requirements.
- Relocate necessary personnel to other naval activities as appropriate, primarily Naval Weapons Station, Seal Beach and naval activities in the San Diego, California area.

DOD JUSTIFICATION

- The Naval Shipyard at Long Beach is the only NSYD which performs non-nuclear shipwork exclusively, and its capacity is in excess of predicted future Navy requirements.
- The continuing decreases in force structure eliminate the need to retain the capacity to drydock large deck naval vessels for emergent requirements, beyond what is available in the private sector.
- The workload at Long Beach can be absorbed by the other nuclear-capable shipyards and private-sector facilities.

COST CONSIDERATIONS DEVELOPED BY DOD

- One-Time Cost: $74 million
- Net Savings During Implementation: $725.6 million
- Annual Recurring Savings: $131.9 million
- Break-Even Year: Immediate
- Net Present Value Over 20 Years: $1,948.6 million

MANPOWER IMPLICATIONS OF THIS RECOMMENDATION (EXCLUDES CONTRACTORS)

	Military	Civilian	Students
Baseline	263	3,443	0
Reductions	26	3,208[1]	0
Realignments	237	235	0
Total	263	3,443	0

MANPOWER IMPLICATIONS OF ALL RECOMMENDATIONS AFFECTING THIS INSTALLATION (INCLUDES ON-BASE CONTRACTORS AND STUDENTS)

Out		In		Net Gain (Loss)	
Military	Civilian	Military	Civilian	Military	Civilian
263	3,766	0	0	(263)	(3,766)

ENVIRONMENTAL CONSIDERATIONS

- At present, none of note.

REPRESENTATION

Governor:	Pete Wilson
Senators:	Dianne Feinstein
	Barbara Boxer
Representative:	Steve Horn
	Jane Harman (Adjacent District)

ECONOMIC IMPACT

- Potential Employment Loss: 13,291 (4,029 direct and 9,232 indirect)
- Los Angeles-Long Beach MSA Job Base:
- Percentage: 0.3 percent decrease
- Cumulative Economic Impact (1994-2001): 0.4 percent decrease

[1] Of the positions eliminated, 1,537 are not counted for salary savings because 1,537 man-years of work must be transferred to other activities.

MILITARY ISSUES

- Long Beach Naval Shipyard ranked slightly higher in military value than Portsmouth Naval Shipyard, yet Portsmouth did not appear on the closure list. In 1993, Long Beach ranked well above both Portsmouth and Long Beach.
  - ⇒ According to Navy testimony, Long Beach's degraded military value resulted, at least in part, from alterations in the military value computations, which were implemented in response to criticism from both the GAO and the Commission.
  - ⇒ Also, according to the Chief of Naval Operations, geography is an issue, and the current proposal to close only Long Beach leaves two shipyards on each coast: Puget Sound, in Washington; Pearl Harbor; Portsmouth, in Maine; Norfolk in Virginia.

- Long Beach has a carrier-capable drydock. In 1993, the Navy stated that the senior decision-makers were "concerned that there was insufficient capacity on the West Coast for drydocking carriers and other large ships. Accordingly, they agreed not to consider Long Beach Naval Shipyard...."
  - ⇒ The Navy has a total of six large-decked ships in San Diego, two of which are carriers. Transit time for a ship from San Diego to Long Beach is less than a day. From San Diego to Puget Sound is a little over three days. From San Diego to Pearl Harbor is about seven days.

COMMUNITY CONCERNS/ISSUES

- Questions from Congressman Steve Horn's office note that the recommended closure of Long Beach closes the least amount of excess capacity and saves the least amount of money.
- They further note that the Navy did not actively consider other options, such as realignment of Pearl Harbor Naval Shipyard or closure of Portsmouth Naval Shipyard.
- The Navy's process is inconsistent with Title 10 and Force Structure Requirements, and did not follow the selection criteria.

ITEMS OF SPECIAL EMPHASIS

- Closure of the shipyard may force the Navy to delay the drydocking of CV-63 in FY-97 and CV-64 in FY-98.

Larry Jackson/Navy/04/18/95 4:40 PM

1995 DoD Recommendations and Justifications

Naval Shipyard, Long Beach, California

Recommendation: Close the Naval Shipyard Long Beach, California, except retain the sonar dome government-owned, contractor-operated facility and those family housing units needed to fulfill Department of the Navy requirements, particularly those at Naval Weapons Station, Seal Beach, California. Relocate necessary personnel to other naval activities as appropriate, primarily Naval Weapons Station, Seal Beach and naval activities in the San Diego, California, area.

Justification: Despite substantial reductions in depot maintenance capability accomplished in prior base closure evolutions, as force levels continue to decline, there is additional excess capacity that needs to be eliminated. Force structure reductions by the year 2001 eliminate the requirement for the Department of the Navy to retain this facility, including its large-deck drydocking capability. As a result of BRAC 91, the adjoining Naval Station Long Beach was closed, and some of its assets were transferred to the naval shipyard for "ship support functions." Of those transferred assets, only those housing units required to fulfill Department of the Navy requirements in the local commuting area will be retained after closure of the naval shipyard.

Return on Investment: The total estimated one-time cost to implement this recommendation is $74.5 million. The net of all costs and savings during the implementation period is a savings of $725.6 million. Annual recurring savings after implementation are $130.6 million with an immediate return on investment expected. The net present value of the costs and savings over 20 years is a savings of $1,948.6 million.

Impacts:

Economic Impact on Communities: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 13,261 jobs (4,029 direct jobs and 9,232 indirect jobs) over the 1996-to-2001 period in the Los Angeles-Long Beach, California PMSA economic area, which is 0.3 percent of economic area employment. The cumulative economic impact of all BRAC 95 recommendations and all prior-round BRAC actions in the economic area over the 1994-to-2001 period could result in a maximum potential decrease equal to 0.4 percent of employment in the economic area.

Community Infrastructure Impact: There is no known community infrastructure impact at any receiving installation.

Environmental Impact: The closure of Long Beach Naval Shipyard will have a positive impact on the local environment. The removal of a major industrial activity from an area that is in non-attainment for carbon monoxide, ozone, and PM-10 will be of substantial benefit to the air quality of this area. Similarly, the workload and small numbers of personnel being relocated to

other activities are not expected to adversely impact the environment of geographic areas in which those activities are located. There are no adverse impacts to threatened/endangered species, sensitive habitats and wetlands, or cultural/historical resources occasioned by this recommendation.

INSTALLATION REVIEW

LONG BEACH NAVAL SHIPYARD

Location:

Long Beach Naval Shipyard is located on a portion of Terminal Island in Long Beach, California, approximately 30-40 minutes south of Los Angeles International Airport.

Selected Unique Facilities:

Drydock 1, one of two Navy drydocks capable of docking carriers on the West Coast, excluding Pearl Harbor. Of note, though Long Beach does not perform nuclear work, Drydock 1 is certified to dock a nuclear carrier. No alternatives for docking CV, CVN, LHD-class ships exists in southern California. Drydocks 2 and 3 can dock all non-nuclear vessels in the fleet, excepting carriers, large-deck amphibious ships, and combat logistic support ships.

Electroslag surfacing facility has the only DON/DOD certified equipment to do electroslag propulsion shafting repairs using 625 inconel. Qualified operators are highly skilled. (Electroslag is used for hawse piping, large-diameter valves, carrier launch rails, missile launch tubes, hatch covers, and corrosion control of critical underwater bearing surfaces.)

Propeller and shaft repair facility is the only DOD with state-of-the-art computerized numerical control extended length shaft lathes.

Gyro System Test Facility is one-of-a-kind with largest ships motion simulator (for testing) in the Naval repair system. Facility is designated overhaul point for the MK-19, MK-23, and MK-27 gyro compass systems.

Optical and navigational instrument test and repair facility provides collimation and calibration of optical instruments and systems to within 2 arc seconds traceable to National Bureau of Standards.

Long Beach Naval Station:

Closure of the NAVSTA, effective 01 October 1994, by BRAC-91, required realignment of former NAVSTA facilities to the shipyard account.

Commanding Officer: Captain John Pickering, USN

FY-96 Operating Costs: $73.5 million

BASE VISIT REPORT

LONG BEACH NAVAL SHIPYARD
LONG BEACH, CALIFORNIA

27 APRIL 1995

LEAD COMMISSIONER:

Commissioner Montoya

ACCOMPANYING COMMISSIONER:

Commissioner Cox
Commissioner Cornella
Commissioner Steele

COMMISSION STAFF:

Mr. David Lyles
Mr. Charlie Smith
Mr. Ben Borden
Mr. Alex Yellin
Mr. Larry Jackson
Ms. Liz King
Ms. Deidre Nurre
Mr. Wade Nelson

LIST OF ATTENDEES:

Representative Steve Horn
Representative Jane Harman
Representative Walter Tucker
Representative Dana Rohrbacher
Governor Pete Wilson
Mayor Beverly O'Neill, Long Beach
Captain John Pickering, USN, CO Long Beach NSY

BASE'S PRESENT MISSION:

Provide comprehensive industrial workforce and facilities for conversion, overhaul, and drydocking of all classes of Navy non-nuclear vessels, their systems and equipment.

DOD RECOMMENDATION:

- Close the Naval Shipyard Long Beach, California.
- Retain the sonar dome government-owned, contractor-operated facility and those family housing units needed to fulfill Department of the Navy requirements.
- Relocate necessary personnel to other naval activities as appropriate, primarily Naval Weapons Station, Seal Beach and naval activities in the San Diego, California area.

DOD JUSTIFICATION:

- The Naval Shipyard at Long Beach is the only NSYD which performs non-nuclear shipwork exclusively, and its capacity is in excess of predicted future Navy requirements.
- The continuing decreases in force structure eliminate the need to retain the capacity to drydock large deck naval vessels for emergent requirements, beyond what is available in the private sector.
- The workload at Long Beach can be absorbed by the other nuclear-capable shipyards and private-sector facilities.

MAIN FACILITIES REVIEWED:

- Visit began with a 1-hour press availability, and introductions by Gov. Wilson, Rep. Horn, Rep. Tucker, Rep. Rohrbacher, and Mayor O'Neill. RADM Montoya spoke for the Commission. Setting: Pier E, with USS ANTIETAM (CG-54) in background.
- Briefing and base overview by Commanding Officer, CAPT John Pickering, USN.
- Shipyard tour included a visit to Drydock #1, HITCO (the BP-subsidiary which manufactures submarine sonar domes at a GOCO located adjacent to the shipyard), the propeller shop.
- Windshield tour of former Naval Station, mole, and parts of the shipyard.
- Community presentation.

KEY ISSUES IDENTIFIED:

- With the closure of Drydock #1, Navy is having difficulty scheduling availabilities for CV-63 and CV-64, originally slated for that dock.
- The number of large-decked ships in the Pacific Fleet has not decreased and is not projected to decrease through 2005. The Navy has cited "decreases in force structure" as justification for shifting their argument from retention of Long Beach Naval Shipyard and Drydock #1 in 1993 to closure in 1995.
- Operational efficiency of Long Beach Naval Shipyard.
- Questionable ability of Pear Harbor's seaward drydock to accommodate a modern carrier.
- Navy capacity analysis considered only peacetime workload.

COMMUNITY CONCERNS RAISED:

- Closing Long Beach reduces the least amount of excess capacity and does not address the 37% excess nuclear capacity estimated to be remaining.

- Portsmouth Naval Shipyard's workload can be fully absorbed by the remaining naval shipyards, without even considering the capacity of Electric Boat and Newport News Shipbuilding, and should therefore be examined for closure.
- Pearl Harbor is expensive and inefficient. The Commission should consider it for realignment.
- Long Beach could support homeporting of up to three CVNs at less cost to the Navy than could San Diego.
- Long Beach is more "sailor-friendly" than San Diego because of the severe housing shortage in San Diego .
- **The Commission should consider the following options:**
  - ⇒ Designate Long Beach as a Carrier Homeport
  - ⇒ Realign both Long Beach and Pearl Harbor Naval Shipyards to Ship Repair Facilities under the Fleet Maintenance Officer, Pacific.
  - ⇒ Realign both Long Beach and Pearl Harbor Naval Shipyards to Detachments of Puget Sound Naval Shipyard and assign them to Regional Maintenance Centers at San Diego and Pearl Harbor.

REQUESTS FOR STAFF AS A RESULT OF VISIT:

Commissioner Steele requested that Mr. Jackson calculate percent excess capacity by shipyard for Pearl Harbor and Long Beach, and determine whether one is more conducive to downsizing.

- Admiral Hekman, USN (Ret.), alluded to a study of CVN homeporting at Long Beach Naval Shipyard conducted by the Puget Sound Naval Shipyard. Staff is attempting to acquire the study.

DATA CALL WORK SHEET FOR MILITARY VALUE:

NAVAL SHIPYARDS

and

NAVAL SHIP REPAIR FACILITY

Category	. . . . .	**Industrial Activities**
Type	. . . . .	**NAVAL SHIPYARDS**
	. . . . .	**NAVAL SHIP REPAIR FACILITY**
Claimant	. . . . .	**COMNAVSEASYSCOM** (Naval Shipyards)
	. . . . .	**CINCPACFLT** (Naval Ship Repair Facility)

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. Use the 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 all BRAC-88/91/93 actions.

2. "Production" equates to the number of items processed per Fiscal Year (FY), unless otherwise specified.

3. Unless otherwise specified, base your responses single shift operations of an eight hour day/five day notional normal work week (1-8-5). Report Direct Labor Man Years (DLMYs) in thousands of Man Years, to the nearest tenth, e.g. 32.2 K DLMYs.

4. Report workload performed on non-DON vessels (e.g. USCG, MSC) within the workload mission area most consistent with the work performed. Ensure that all workload performed/projected to be performed is reported.

If any responses are classified, so annotate the applicable question and include those responses in a separate classified annex.
This document has been prepared in WordPerfect 5.1/5.2.

DATA CALL for MILITARY VALUE
Naval Shipyards and Ship Repair Facility

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Table of Acronyms

$	Dollars
%	Percent
#	Number
ACT	American College Test
AOB	Average on Board
APPN	Appropriation
ARC	Alcohol Rehabilitation Center
Avlb	Availability
BAQ	Basic Allowance for Quarters
BEQ	Bachelor Enlisted Quarters
BOQ	Bachelor Officers Quarters
BQ	Bachelor Quarters
DoD	Department Of Defense
DoDDS	Department of Defense Dependents Schools
DON	Department of the Navy
ESQD	Explosive Safety Quantity Distance
FSC	Family Service Center
FY	Fiscal Year
FYDP	Future Years Defense Plan
HQ	Headquarters
HS	High School
ITT	Information, Tickets and Tours
LF	Linear Feet
MH	Man Hours
MLS	Multiple Listing Service
N / A	Not Applicable
NCIS	Naval Criminal Investigative Service
NM	Nautical Miles
NSYD	Naval Shipyard
OMN	Operations and Maintenance, Navy
POM	Program Objectives Memorandum
PN	Number of personnel accommodated
Qtr	Quarter
SAT	Scholastic Aptitude Test
SCN	Ship Construction, Navy
SF	Square Feet
SRF	Ship Repair Facility
UIC	Unit Identification Code
VHA	Variable Housing Allowance
W/O	Without
WY	Work Years
YR	Year

Table of Availability Types

Nuclear

CVN Complex Overhaul	COH
CVN Refueling Complex Overhaul	RCOH
CVN Docking Selected Restricted Availability	DSRA
CVN Extended Docking Selected Restricted Availability	EDSR
CVN Docking Phased Incremental Availability	DPIA
CVN Selected Restricted Availability	SRA
CVN Extended Selected Restricted Availability	ESRA
CVN Phased Incremental Availability	PIA
SSBN Inactivation	INACT
SSBN Extended Refit Period	ERP
SSBN Regular Overhaul / Refueling Overhaul	ROH/RFOH
SSBN Engineered Overhaul / Engineered Refueling Overhaul	EOH/ERO
SSN Inactivations	INACT
SSN Regular Overhaul / Refueling Overhaul	ROH / RFOH
SSN Engineered Overhaul / Engineered Refueling Overhaul	EOH / ERO
SSN Docking Selected Restricted Availability	DSRA
SSN Depot Modernization Period	DMP
CGN Inactivations	INACT
CGN Complex Overhaul / Refueling Complex Overhaul	COH/RCOH
CGN Docking and Non-Docking Selected Restricted Availability	DSRA/SRA

NonNuclear

Regular Overhaul	ROH
Complex Overhaul	COH
Docking Phased Maintenance Availability	DPMA
Phased Maintenance Availability	PMA
Docking Selected Restricted Availability	DSRA
Selected Restricted Availability	SRA
Service Craft Overhaul	SCO
Inactivations	INACT

Other Productive Work	OPW
Restricted Availability/Technical Availability	RA/TA

Table of Ship Types

CVN 68	AD 41	LCC 19	MCM 1 / MCS-12 / MHC 51
CV 62	AOE 1	LCC 20	AFB / AFDL / AFDM / ARDM
CGN 38	AOE 6	LHA 1	NR-1
CG 47	ARS 50	LHD 1	AGF 3 / AGF 11
SSBN 726	AS 36/39	LPD 4	
SSN 688		LPH 2	
SSN 21		LSD 36	
DD 963		LSD 41	
DDG 51			
DDG 993			
FFG 7			

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

Data Call for Military Value:
Naval Shipyards and Naval Ship Repair Facilities

Questions for the Activities

Primary Activity UIC: N60258
(Use this number as the Activity identification at the top of each page.)

Mission Area

1. Production Workload

1.1 Workload Breakout by Availability. Using the Table of Availability Types, identify the work package and number of availabilities (Avlb) for the types/classes of ships which have been or will be maintained, modernized, or converted at your activity. Include all CNO and non-CNO scheduled shipwork, off-site work, and Other Production Work (OPW). Account for availabilities whose durations exceed one fiscal year by including them in all fiscal years with scheduled work from that availability. Do not include potential guarantee work in your submission.

Example: *NSYD Sample executed:*

- two 12month duration SSN 688 class DMPs, beginning in September 1990 and in August 1991 respectively;
- two SSN 688 class DSRAs (each of 2 month duration) beginning in December 1991 and March 1992 respectively;
- an SSN 688 class ERO of 22 month duration, beginning in June 1993; and
- two AOE1 class DPMAs, each of 6 month duration, begun in September 1990 and January 1991 respectively.

This workload would be represented as:

Class of Vessel	FY 1990		FY 1991		FY 1992		FY 1993	
	Avlb (#)	Avlb (#)	Avlb (#)	Avlb (#)	Avlb (#)	Avlb (#)	Avlb (#)	Avlb (#)
SSN 688	DMP (1)		DMP (2)		DMP (1)	SRA (2)	ERO (1)	
AOE 1	DPMA (1)		DPMA (2)					

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

1. Production Workload, continued

Table 1.1.a: **Workload Breakout by Type of Availability**

Class of Vessel	FY 1990				FY 1991			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
SSBN 726								
SSN 688								
SSN 21								
CVN 68								
CV 62								
AD 41								
AOE 1								
AOE 6								
ARS 50								
AS 36/39								
LCC 19								
LCC 20								
LPD 4								
LPH 2								
LSD 36	RA(2)				DPMA (1)	RA(1)		
LSD 41								
CV 61	DSRA (1)							
ARS 38	RA (1)				RA (1)			
LKA 113	RA (1)							
AOR 1					PMA (1)			
WHEC 718	RA (1)				RA (2)			

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

1. Production Workload, continued

Table 1.1.b: **Workload Breakout by Type of Availability**

Class of Vessel	FY 1990				FY 1991			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
MCM1/MCS12/ MHC51								
AFDB/AFDL/ AFDM/ARDM	ROH (1)							
NR-1								
AGF3/AGF11								
CG 47	SRA (1)				DSRA (1)	SRA (1)		
DD 963	ROH (1)	RA (2)			ROH (2)	DSRA (1)		
DDG 51								
DDG 993	ROH (1)				ROH (1)			
FFG 7	PSA (1)				DSRA (1)	RA (1)		
LHA 1	SRA (1)				SRA (1)	COH (1)		
LHD 1								
CGN 38								
FF 1052	DSRA (1)	SRA (2)	RA (2)		SRA (1)	RA (1)		
BB 61	Inact (1)				RA (1)	Inact (1)		
AD 14					RA (1)			

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

1. Production Workload, continued

Table 1.1.c: **Workload Breakout by Type of Availability**

Class of Vessel	FY 1992				FY 1993			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
SSBN 726								
SSN 688								
SSN 21								
CVN 68								
CV 62					SRA (1)			
AD 41								
AOE 1								
AOE 6								
ARS 50								
AS 36/39								
LCC 19								
LCC 20								
LPD 4					DPMA (1)	RA (1)		
LPH 2								
LSD 36	DPMA (1)				DPMA (1)			
LSD 41								

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

1. **Production Workload, continued**

Table 1.1.d: **Workload Breakout by Type of Availability**

Class of Vessel	FY 1992				FY 1993			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
MCM1/MCS12/ MHC51								
AFDB/AFDL/ AFDM/ARDM								
NR-1								
AGF3/AGF11								
CG 47	SRA (1)	DRA (1)			SRA (1)	RA (1)		
DD 963	ROH (2)	DSRA (1)			ROH (2)	DSRA (1)	SRA (1)	
DDG 51								
DDG 993								
FFG 7					RA (2)			
LHA 1	COH (1)				COH (2)	RA (1)		
LHD 1					PSA (1)			
CGN 38								
BB 61	Inact (1)							
FF 1052	DSRA (2)				DSRA (3)	RA (4)		
AOR 1	SRA (1)	DPMA (1)			DPMA (1)			
WHEC 718	TA (2)				TA (4)			
LKA 113					RA (1)			
CV 61					Inact (1)			

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

1. **Production Workload, continued**

Table 1.1.e: **Workload Breakout by Type of Availability**

Class of Vessel	FY 1994				FY 1995			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
SSBN 726								
SSN 688								
SSN 21								
CVN 68								
CV 62								
AD 41								
AOE 1								
AOE 6								
ARS 50								
AS 36/39								
LCC 19								
LCC 20								
LPD 4								
LPH 2								
LSD 36								
LSD 41								

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

1. Production Workload, continued

Table 1.1.f: **Workload Breakout by Type of Availability**

Class of Vessel	FY 1994				FY 1995			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
MCM1/MCS12/ MHC51								
AFDB/AFDL/ AFDM/ARDM					SCO (1)			
NR-1								
AGF3/AGF11								
CG 47	DSRA (1)				ROH (1)			
DD 963	ROH (1)				ROH (2)			
DDG 51								
DDG 993								
FFG 7	SRA (3)				SRA (2)			
LHA 1	COH (1)	RA (1)			COH (1)			
LHD 1	PSA (1)							
CGN 38								
CV 61	Inact (1)							
FF 1052	DSRA (3)				DSRA (3)			
FML					DSRA (2)			

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

1. Production Workload, continued

Table 1.1.g: **Workload Breakout by Type of Availability**

Class of Vessel	FY 1996				FY 1997			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
SSBN 726								
SSN 688								
SSN 21								
CVN 68								
CV 62					ROH (1)			
AD 41								
AOE 1								
AOE 6								
ARS 50								
AS 36/39								
LCC 19								
LCC 20								
LPD 4								
LPH 2								
LSD 36								
LSD 41								

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

1. Production Workload, continued

Table 1.1.h: **Workload Breakout by Type of Availability**

Class of Vessel	FY 1996				FY 1997			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
MCM1/MCS12/ MHC51								
AFDB/AFDL/ AFDM/ARDM	SCO (2)				SCO (1)			
NR-1								
AGF3/AGF11								
CG 47					ROH (1)			
DD 963	ROH (3)				ROH (2)			
DDG 51								
DDG 993								
FFG 7								
LHA 1								
LHD 1	PSA (1)							
CGN 38								
FML	DSRA (3)				DSRA (3)			

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

1. Production Workload, continued

Table 1.1.i: **Workload Breakout by Type of Availability**

Class of Vessel	FY 1998				FY 1999			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
SSBN 726								
SSN 688								
SSN 21								
CVN 68								
CV 62	ROH (1)	DSRA (1)						
AD 41								
AOE 1								
AOE 6								
ARS 50								
AS 36/39								
LCC 19								
LCC 20								
LPD 4								
LPH 2								
LSD 36								
LSD 41								

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

1. Production Workload, continued

Table 1.1.j: **Workload Breakout by Type of Availability**

Class of Vessel	FY 1998				FY 1999			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
MCM1/MCS12/ MHC51								
AFDB/AFDL/ AFDM/ARDM								
NR-1								
AGF3/AGF11								
CG 47	ROH (1)				ROH (1)			
DD 963					ROH (1)			
DDG 51								
DDG 993								
FFG 7								
LHA 1	COH (1)				COH (1)			
LHD 1					COH (1)			
CGN 38								
FML	DSRA (4)				DSRA (4)			

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

1. Production Workload, continued

Table 1.1.k: **Workload Breakout by Type of Availability**

Class of Vessel	FY 2000				FY 2001			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
SSBN 726								
SSN 688								
SSN 21								
CVN 68								
CV 62								
AD 41								
AOE 1								
AOE 6								
ARS 50								
AS 36/39								
LCC 19								
LCC 20								
LPD 4								
LPH 2								
LSD 36								
LSD 41								

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

1. Production Workload, continued

Table 1.1.l: **Workload Breakout by Type of Availability**

Class of Vessel	FY 2000				FY 2001			
	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)	Avlb/(#)
MCM1/MCS12/ MHC51								
AFDB/AFDL/ AFDM/ARDM	SCO (1)							
NR-1								
AGF3/AGF11								
CG 47	ROH (1)							
DD 963	ROH (1)							
DDG 51					ROH (1)			
DDG 993								
FFG 7								
LHA 1	COH (1)				COH (1)			
LHD 1	COH (1)				COH (1)			
CGN 38								
FML	DSRA (4)				DSRA (4)			

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

1. Production Workload, continued

1.2 DLMY Workload. Identify the Direct Labor Man Years (DLMYs) expended or projected to be expended in performance of the listed work packages for the period requested.

Table 1.2.a: **Historic/Projected Work Package Performance**

EVENT	FY 1990	FY 1991	FY 1992	FY 1993
CVN COH				
CVN RCOH				
CVN DSRA				
CVN EDSR				
CVN DPIA				
CVN SRA				
CVN ESRA				
CVN PIA				
SSBN INACT				
SSBN ERP				
SSBN ROH/RFOH				
SSBN EOH/ERO				
SSN INACT				
SSN ROH/RFOH				
SSN EOH/ERO				
SSN DSRA				
SSN DMP				
CGN INACT				
CGN COH/RCOH				
CGN DSRA/SRA				
Table 1.2.a Total				

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

1. Production Workload, continued

Table 1.2.b: **Histoic/Projected Work Package Performance**

EVENT		FY 1990	FY 1991	FY 1992	FY 1993	Revisic
Non Nuclear ROH		.922	.305	.593	.553	R
Non Nuclear COH		.005	.545	.584	.280	R
Non Nuclear DPMA			.001	.219	.261	R
Non Nuclear PMA			.082			R
Non Nuclear DSRA		.220	.154	.119	.425	R
Non Nuclear SRA		.263	.059	.076	.204	R
Non Nuclear SCO						
Other INACTs		.038	.100	.018	.077	R
OPW:	Nuclear					
	NonNuclear	.303	.317	.321	.362	
RATA:	Nuclear					
	NonNuclear	.164	.147	.107	.077	
Table 1.2.b Total		1.915	1.710	2.037	2.239	R
Table 1.2.a Total		0	0	0	0	
Annual Total		1.915	1.710	2.037	2.239	R

ACTIVITY: Long Beach Naval Shipyard
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1. Production Workload, continued

Table 1.2.b: Histoic/Projected Work Package Performance

EVENT		FY 1990	FY 1991	FY 1992	FY 1993
Non Nuclear ROH		.922(R)	.305(R)	.593(R)	.553(R)
Non Nuclear COH		.005(R)	.545(R)	.584(R)	.280(R)
Non Nuclear DPMA			.001(R)	.219(R)	.261(R)
Non Nuclear PMA			.082(R)		
Non Nuclear DSRA		.220(R)	.154(R)	.119(R)	.425(R)
Non Nuclear SRA		.263(R)	.059(R)	.076(R)	.204(R)
Non Nuclear SCO					
Other INACTs		.038(R)	.100(R)	.018	.007
OPW:	Nuclear				
	NonNuclear	.303	.317	.321	.362
RATA:	Nuclear				
	NonNuclear	.164	.147	.107	.077
Table 1.2.b Total		1.915(R)	1.710(R)	2.037(R)	2.239(R)
Table 1.2.a Total		0	0	0	0
Annual Total		1.915(R)	1.710(R)	2.307(R)	2.239(R)

(R) - Indicates revised number as of 25 July '94.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

1. **Production Workload, continued**

Table 1.2.b: **Histoic/Projected Work Package Performance**

EVENT		FY 1990	FY 1991	FY 1992	FY 1993
Non Nuclear ROH		.522	.251	.581	.579
Non Nuclear COH			.570	.885	.296
Non Nuclear DPMA			.002	.215	.262
Non Nuclear PMA			.064		
Non Nuclear DSRA		.260	.149	.121	.424
Non Nuclear SRA		.244	.055	.074	.212
Non Nuclear SCO					
Other INACTs		.040	.098	.018	.077
OPW:	Nuclear				
	NonNuclear	.303	.317	.321	.362
RATA:	Nuclear				
	NonNuclear	.164	.147	.107	.077
Table 1.2.b Total		1.533	1.653	2.322	2.289
Table 1.2.a Total		0	0	0	0
Annual Total		1.533	1.653	2.322	2.289

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

1. **Production Workload, continued**

Table 1.2.c: **Historic/Projected Work Package Performance**

EVENT	FY 1994	FY 1995	FY 1996	FY 1997
CVN COH				
CVN RCOH				
CVN DSRA				
CVN EDSR				
CVN DPIA				
CVN SRA				
CVN ESRA				
CVN PIA				
SSBN INACT				
SSBN ERP				
SSBN ROH/RFOH				
SSBN EOH/ERO				
SSN INACT				
SSN ROH/RFOH				
SSN EOH/ERO				
SSN DSRA				
SSN DMP				
CGN INACT				
CGN COH/RCOH				
CGN DSRA/SRA				
Table 1.2.c Total				

R

1. Production Workload, continued

Table 1.2.d: **Historic/Projected Work Package Performance**

EVENT		FY 1994	FY 1995	FY 1996	FY 1997	Revision
Non Nuclear ROH		.079	.574	.685	.614	R
Non Nuclear COH		.705	.001			
Non Nuclear DPMA						
Non Nuclear PMA						
Non Nuclear DSRA		.170	.549	.435	.451	
Non Nuclear SRA		.224	.006	.091		R
Non Nuclear SCO			.093	.094	.112	
Other INACTs		.073				R
OPW:	Nuclear					
	NonNuclear	.307	.327	.327	.327	
RATA:	Nuclear					
	NonNuclear	.063	.081	.098	.098	
Table 1.2.d Total		1.621	1.631	1.730	1.602	R
Table 1.2.c Total		0	0	0	0	
Annual Total		1.621	1.631	1.730	1.602	R

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

1. Production Workload, continued

Table 1.2.d: Historic/Projected Work Package Performance

EVENT		FY 1994	FY 1995	FY 1996	FY 1997
Non Nuclear ROH		.078	.574	.685	.614
Non Nuclear COH		.705	.001		
Non Nuclear DPMA					
Non Nuclear PMA					
Non Nuclear DSRA		.170	.549	.435	.451
Non Nuclear SRA		.218	.006	.091	
Non Nuclear SCO			.093	.094	.112
Other INACTs		.073 R			
OPW:	Nuclear				
	NonNuclear	.307	.327	.327	.327
RATA:	Nuclear				
	NonNuclear	.063	.081	.098	.098
	Table 1.2.d Total	1.614 R	1.631	1.730	1.602
	Table 1.2.c Total	0	0	0	0
Annual Total		1.614 R	1.631	1.730	1.602

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

1. **Production Workload, continued**

Table 1.2.d: **Historic/Projected Work Package Performance**

EVENT		FY 1994	FY 1995	FY 1996	FY 1997
Non Nuclear ROH		.078	.574	.685	.614
Non Nuclear COH		.705	.001		
Non Nuclear DPMA					
Non Nuclear PMA					
Non Nuclear DSRA		.170	.549	.435	.451
Non Nuclear SRA		.218	.006	.091	
Non Nuclear SCO			.093	.094	.112
Other INACTs		.070			
OPW:	Nuclear				
	NonNuclear	.307	.327	.327	.327
RATA:	Nuclear				
	NonNuclear	.063	.081	.098	.098
Table 1.2.d Total		1.611	1.631	1.730	1.602
Table 1.2.c Total		0	0	0	0
Annual Total		1.611	1.631	1.730	1.602

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

1. Production Workload, continued

1.3 Emergent Repair. Identify the total Direct Labor Man Years (DLMYs) expended by your activity in providing emergent repair of operational ships. Breakout the annual totals by type of work performed, (not by propulsion system of the originating platform). [For this question, and this question only, nuclear work is to be construed as repair on the reactor plant, including its associated primary systems and those portions of secondary systems whose maintenance is under the technical cognizance of NAVSEA 08.]

Table 1.3: **Emergent Repairs**

Type of Work	FY 1989	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct-31 Mar)
Nuclear						
Conventional	.185	.164	.147	.107	.077	.028
Total	.185	.164	.147	.107	.077	.028

1.4 Other Shipboard Work. List and describe any other nuclear and conventional ship work not reported in question 1.2 above.

None

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

2. Operating Factors

2.1 Special Equipment and Skills. Identify any specialized, unique, or peculiar characteristics about the facilities, equipment, or skills at this activity. Highlight those capabilities that are one of a kind within the DON/DoD.

(a) **Drydock #1 - other than Drydock #6 at Puget Sound Naval Shipyard, Drydock #1 at LBNSY** is the only dock on the west coast capable of docking CV/CVN's and is the designated west coast emergency drydock for CVN's. This drydock is the only drydock south of San Francisco capable of docking LHD's. Drydock 2 and 3 provide docking capability for every non-nuclear vessel in the USN inventory with the exception of aircraft carriers, large-deck amphibious assault and combat logistics support ships. All docks are certified.

(b) **Electric motor rewind repair and test facility** is **one of a kind** for testing 440VAC 3 phase 60 Hz induction motors that serve horizontal and vertical applications. The motors range in size from fractional to 350 horsepower. The facility includes five microprocessor based test consoles, a Hewlett-Packard 1000E central computer, four eddy current dynamometers for loading motors and a electrical distribution center for motors under test. In addition to the normal measurement parameters for electric motors (i.e. temperature. speed, voltage, current and torque), measurements are also made on phase winding resistance, friction and windage losses, and vibrational levels. Included is a specialized vacuum pressure impregnation capability for water proofing electric motors.

(c) **Generator/Motor-Generator set test facility** is the **only known West Coast test facility** to test motor-generator sets which provide 400 Hz power at ratings up to 300 KW. A 300 KW resistive-reactive load bank is used for absorbing power from the motor-generators sets in test. The facility also includes a 110 foot YFN type electrical test barge used in the load testing of shipboard generators up to 2500 KW and shore power stations with a rating of 450 VAC, 3 phase to 5000 amps with various power factors. The major equipment on the test barge are three 1500 KW, one 750 KW and one 300 KW resistive/reactive test units.

(d) **Diesel engine repair test and analyzer facility** is **one of a kind**, state of the art industrial diesel complex dedicated to depot level maintenance of diesel engines up to 2,000 HP and to diesel components (i.e. cylinder heads, turbochargers, fluid pumps, injectors, governors, etc.) Access to the diesel repair/test facility is supported by a 15-ton crane plus rail, road and water transportation. The diesel repair facility includes 2,664 square foot temperature controlled "Clean Room" repair space with two (2) 4,000 pound capacity overhead cranes. The **unique** diesel test/analyzer facility adjoins the Clean Room and provides: simultaneous testing of four (4) engines in separate soundproof test cells; computer-controlled data acquisition system with automated central test reporting; dynamometer testing of engines up to 2,000 horsepower; generic

testing hardware is independent of engine model; automatic failsafe system includes warning and shutdown by individual parameters; environmental control of engine emissions by means of a natural gas rooftop incinerator; and remote-control and monitoring of all four (4) test systems from a central, sound-proof control room. Test cells are currently being modified to permit testing of the Isotta Fraschini diesel engines which provide main and generator power for the MCM/MCH craft. Personnel have depot level maintenance, repair and testing skills for all applications of diesel equipment.

(e) **MK-86 and 92 Gun Fire Control System** (Above Deck) with special built **one of a kind** in-house test console, 561 & 562 Network Analyzers, various test fixtures. Depot level repair and testing expertise exist at LBNSY, which is the designated overhaul point for the above deck equipment.

(f) **Electronic Module Repair and Test Facility** capable of a full spectrum of electronic component repairs to a wide variety of electronic systems including the following:

(1) **SPS-55 Radar and Antenna Test Station** is **one of a kind** used to test and align all printed circuit cards, modules and sub-assemblies of the entire SPS-55 Surface Search Radar system and other. Depot level repair and testing expertise exist at LBNSY.

(2) **SPS-40 Radar and Antenna Test Station** is **one of a kind** used to test and align all sub-modules of the SPS-40 Air Search Radar. Depot level repair and testing expertise exist at LBNSY. LBNSY is the **only facility** capable of wind load analysis, repair and testing of the AB-1144/SPS-40B antenna pedestal.

(3) **Modular Oriented Automated Test System (MOATS)** is **one of a kind** with capability of repairing and testing all types of modules and printed circuit boards. Depot level repair and testing expertise exist at LBNSY.

(4) **UQN-1 and UQN-4 Fathometer** repair and test station is **one of a kind,** use in the overhaul, repair and test of the AN/UQN-1H, AN/UQN-4 and -4A, SM- 698/UQN, ID-1566/UQN-4, CV-2465/UQN-4 and DO-55 surface mount printed circuit boards. This work is not done at other facilities.

(5) **AN/SRC-23(V) Radio Frequency Tuner Repair and Test Facility** is **one of a kind** and the most advanced test fixture for the repair, analysis and overhaul of RF tuners. This facility has the flexibility to be utilized on other systems. This facility is **unique** to the Navy. Depot level repair and testing expertise exist at LBNSY.

(6) **AM-3790/SRC-23(V) Power Amplifier Repair and Test Facility** is **one of a kind** and

has advanced equipment for the overhaul and testing of AM-3790/SRC-23(V) Power Amplifier. It is the **only DON** repair facility of its type. Depot level repair and testing expertise exist at LBNSY.

(7) **Electronics repair center** capable of repair and test of electrical/electronic devices and printed circuit boards including multilayer and flexible circuit repair up to 18 layers thick. The Pace PRC-2000 Process Control System and the specialized 400 MHZ oscilloscope and computer controlled test equipment enhance this process.

(8) **High Frequency radio communication equipment** expertise to repair and test: AN/URT-24, AN/URT-23 and AN/URA-38 for transmitters and antenna couplers and R-1051 MF receivers.

(g) **Anechoic Chambers test facility** capability to electronically testing antennas in an interference-free environment

(h) **Optical and navigational instrument test and repair facility** is the **only known DON** facility which provides collimation and calibration of optical instruments and systems (i.e. stadimeters, sextants and theodolites) to within 2 arc seconds traceable to the National Bureau of Standards. The facility provides back engineering of lens systems, including grinding, polishing, coating, filter wavelength design, and testing for lenses and lens systems where replacement parts or technical data does not exist.

(i) **Gyro System Test Facility** is one of a kind with the largest Scorsby Test Stand (ships motion simulator) in the Naval repair system, capable of handing gyros and other equipment up to 10,000 pounds. It tests, repairs and overhauls the MK-19, MK-23 and MK-27 "Sperry" gyro compass systems with it's electronic controls and power supplies. The facility also tests, repairs and calibrates the newer WSN-2 and WSN-5 systems. A clean room to disassemble, clean and balance associated gyro parts is also available. This asset also gives us the ability to overhaul, test and calibrate the MK-19 Meridians and slave gyros. The facility is the designated overhaul point for the MK-19, MK-23 and MK-27 gyro compass systems.

(j) **Hydraulic transmissions, motors and cylinders repair and test facility** is **one of a kind** within DON/DOD/Industry capable of simultaneous testing two units in separate test cells. Special features include: computer controlled data acquisition system with automated central test reporting; dynamometer testing of transmissions up to 200 HP input, with variable drive speeds: testing to 5000 psi dynamic pressure: generic testing hardware that is independent of transmission model, and provides emulation of operational environment; specialized test fixtures; automatic failsafe system includes warning and shutdown by individual parameters; environment protecting built in fluid recovery system; graphical touch screen control of test systems and remote control

of test systems from soundproof room; interactive video disk system for training of test cell operators; and built in material handling system. Personnel have depot level maintenance, repair and testing skills for all applications of the equipment.

(k) **Dehydrator repair and test facility** capable of overhauling, refurbishing and performance testing both low pressure and high pressure dehydrators. It is the **only West Coast** dehydrator repair facility.

(l) **Air flasks test facility** for test and certification of air flasks using the displacement and expansion method. This is the **only west coast public-sector** facility.

(m) **Air compressor repair and test facility** has the **only West Coast Shipyard** compressor test cell. This facility includes the following unique features: automatic monitoring of 46 individual compressor parameters, with automatic warning when any parameter reaches a preset limit; automatic shutdown when any of the 46 parameters exceeds maximum compressor limits (does not require constant operator attention); testing of both LPAC and HPAC compressors, with testing of HPAC compressors up to 5000 PSI; extended break in running under selected, regulated back pressures; automatic computation (and verification) of CFM rating for compressor under test, and it simulates unloader test; operator modification of a test specification file permits adaptation of system to test any type of compressor in automatic (computer controlled) mode; test reports that can be printed out in several formats for a permanent record, and also stored in a hard disk drive for future use; test control and monitoring of all compressor pressures and temperatures can be done from video console in a soundproof, air conditioned room. The following new features were added in 1994: provision for testing (verification) of compressor mounted, over temperature and low oil pressure sensors with automatic shutdown and visual indicator lights: and provision for condensate drain build up monitoring, with automatic shutdown and visual indicator light. LBNSY has certified and trained compressor analyzer technicians.

(n) **Air conditioning and Refrigeration (AC&R) repair and test facility** has the **only West Coast Shipyard** AC&R compressor test cell. This facility has the following unique features: testing of compressors up to three hundred (300) tons; testing of both centrifugal and reciprocal compressors in either automatic or manual mode; computer monitoring of nine critical compressor parameters, with automatic warning and shutdown when any parameters exceed a preset limit; capability of preforming volumetric, leak-back, and run-in tests; display of compressor diagram on color CRT screen that simplifies hook up and monitoring by operators; operator modification of a test specification file that permits easy adaptation of the computer program to allow new types of compressors to be tested automatically; test reports that can be printed out and stored on a hard disc drive for future use and evaluation; computer database program that allows for test results to be queried in various modes i.e by date, ship, compressor type, job order number, serial number; test control and monitoring of all control pressures and temperatures can be done from

video console in a sound proof, air conditioned room during testing; and a video tape instruction system for operator training. LBNSY has certified and trained AC&R technicians.

(o) **Automatic combustion controls and pneumatics facility** for overhaul, test, and calibrate of all pneumatic controls for: Main plant boilers; 400-1200 psi; waste heat boilers; auxiliary and main steam systems; air conditioning and refrigeration units; air compressors; and high pressure air manifolds and components to 7,000 lbs. LBNSY has certified and trained ACC technicians.

(p) **Nationally Recognized California Environmental laboratory certification** provides full service testing for processing and disposal of hazardous wastes and materials. Capable of complex chemical, metallurgical and physical property analyses using state-of-the-art gas chromatography, spectral analysis, scanning electron microscopy, and strain gage/hardness/tensile tests.

(q) **Winch repair and testing facility** is **one of a kind within DON** capable of repairing and testing portable and stationary weight handling equipment. It has specialized testing fixtures to accommodate spanwire, highline and inhaul/outhaul winches. It is capable of testing to a maximum static load of 39,000 psi and 500 feet per minute. Personnel have depot level repair and testing skills.

(r) **Electroslag surfacing (ESS) facility** has the **only DON/DOD** certified equipment to do electroslag propulsion shafting repairs using 625 Iconel. The special equipment used to support this process is the Electroslag welding head. This welding head is **unique to DON/DOD**. The qualified welders/operators that operates this equipment have highly specialized skills that are **unique within DON/DOD**. LBNSY is also the **only shipyard** that is certified to use this process for the following applications: Hawse Piping, Large Diameter Valves, Carrier Launch Rails, Missile Launch Tubes, Hatch Covers, and Corrosion Control of critical underwater bearing surfaces.

(s) **Closed loop steel shot abrasive blasters** are transportable and drivable; they comply with environmental regulations.

(t) **Pressure Fired Boiler repair and refurbishment facility (REFIT)** is the **only DOD/DON** facility that possesses the skills, personnel, and technical expertise to refurbish Pressure Fired Boiler Superheater Units for FF and FFG Class ships. This facility is also capable of training foreign nationals in Pressure fired boiler repairs.

(u) Two **Elwell Parker Platform Lifts** are **unique** hydraulic platform lifts capable of lifting 120,000 lbs. These lifts are designed so the platforms move laterally in addition to vertically. Shaft fixtures have dual posts which operate independent of each other. This allows one fixture

to position a shaft section for removal/installation vice two.

(v) **Mobile Hazardous Material Waste Spill Capability** is designed to responsd to land and water spills. Hazardous material response team is California certified for level A entry. Rapid deployment capability for containment and pick-up of spills. Able to assist Coast Guard and other agencies with spill containment and cleanup. Equipment includes:

(1) **Hazardous material spill response van** equipped to support spill team for containment and clean-up of land based spills.

(2) **26' Skimmer boat** used to pick-up oil floating in the water. While able to operate alone the use of other boats with water pumps to direct oil towards skimmer has increased the efficiency of oil spill clean-up.

(3) **40' Trash boat** specially fitted to clean up solid waste debris from inland waters.

(w) **Certified Underwater welding and UT capability** is the **only Naval Shipyard** diving unit certified to perform underwater welding and Level II UT.

(x) **Certified Hyperbaric Chamber** is the **only west coast Naval Shipyard** with an on site hyperbaric chamber for treating diving and altitude bends cases. LBNSY provides pressure testing services for potential divers and pilots in Southern California.

(y) **Flexible Computer Integrated Manufacturing Center** is a Centralized programming/process planning facility (direct numerical control capable DNC) with state of the art equipment utilizing Integraph client server technology supported by machine language output processors, computer assisted process planning, and modular fixturing technology. Twenty six computer numerical control machine tools equipment with tool changes, modular tooling shop floor conversational programming, and graphical user interfaces. Manufacturing library contains over 1100 manufacturing work packages. Unique equipment includes:

(1) Horizontal CNC bar turning/milling center capability (3 axis)

a) .125 to 1.250 dia. x 10.0" long
b) 2.0" to 10.0" dia x 29" long

(2) Horizontal CNC turning/shafting (2 axis)

a) 20" swing x 90" length
b) 76" swing over bed x 83'11" long

(3) Vertical CNC turning/boring (3 axis)

33" dia. x 47" long

(4) Horizontal machining/drilling (4 axis)

12" cube size up to 48" cube size with face milling capability.

(5) Vertical machining/drilling (4 axis)

4" cube size up to 36" cube size. (10' length on traveling column)

(6) Computer coordinate measurement machine technology (50" cube size)

Inspection and reverse engineering

(7) CNC vertical wire electrical discharge machine 300mm x 650mm table size.

(8) CNC vertical die sink electrical discharge machine 12" x 16" x 48" table size. Both machine tools are used for die forming, gear cutting, tool and die manufacturing and irregular/unique part as well as one of a kind part manufacturing.

(z) **Industrial Waste Treatment Plant (IWTP) and Laboratory** is the **largest** facility for storage and treatment capacity in Southern California and is able to provide a comprehensive range of industrial waste water treatment technology and lab analysis. Heavy metals and chemicals removed include chromate waste, lead, copper, zinc, cadmium generated from the sandblasting and chrome plating processes. The IWTP incorporates state-of-the-art technology including the extensive use of electronic and microprocessor controls to monitor influent and effluent waste streams that meet the requirements of the receiver. Additional IWTP capabilities include boiler wash treatment, i.e. destruction of nitrites, CHT waterblast treatment and sewer treatment. Personnel assigned to the IWTP possess the ability to treat sewage for dissolved sulfides and maintain contractual oversight of same. The IWTP Laboratory and assigned personnel provide a comprehensive range of diagnostic lab support including dissolved sulfides, water hardness analysis, silica, chlorides, PH, conductivity, volatile organic compounds, heavy metals by AA and ICP, microwave digestion, oil/grease totals, nitrites, nitrates and hexavalent chrome in support of the waste treatment process. The treatment plant possess a holding capacity of 600,000 gallons with a discharge rate of 50 gallons per minute.

(aa) **State Certified Asbestos Plan developers, inspectors, and abatement/removal personnel** services provide a cost effective resource due diminishing availability of contract resources meeting very stringent California environmental and CALOSH regulations. LBNSY has provided services to the Federal Prison at Boron and the Coast Guard.

(ab) **Battleship Regunning Facility** is the **only facility** to regun a battleship since 1954. The facility has custody of a complete set of 16" regunning gear, and developed the Industrial Process Instruction (No. 7111-601A), Regunning 16"/50 Caliber Guns. Also, six 16" gun barrels are in inventory.

(ac) **Cableway Training Facility** is the **only West Coast activity** providing mandatory shipboard electrical cableway installation technical training. The Cableway Training Facility provides training for public and private shipyards, vendors, Navy shipboard and land based intermediate level maintenance activities, Supervisor of Shipbuilding Quality Assurance personnel, and forces afloat. The facility uses a 25'x15' mock-up shipboard compartment to provide hands-on training in a classroom environment. This training and quality control program is in full compliance with NAVSEA instructions (NAVSEAINST 9304.1B), and has been consistently evaluated as outstanding by the NAVSEA Inspector General.

(ad) **Hardfacing of catapult valves** with the flux-cored arc welding (FCAW) process. This ability is **unique within DON/DOD.**

(ae) **Pump repair and test facility** with centralized functional overhaul work area featuring dedicated machine tools, grinding, balance support. Dedicated testing facilities for steam or motor driven pumps and purifiers, utilizing macro cell technology. Pump testing capacities to 5000 gallons per minute up to 400 amps and pump pressures to 2000 PSI. Steam generators rated at 30,000 pounds per hour, 1000 degrees superheated steam at 1550 PSI.

(af) **Propeller and shaft repair facility** is the **only facility** (on either coast) with state of the art computerized numerical control extended length shaft lathes. This dedicated facility (100'x200') utilizes macro cell technology while all other facilities utilize manual equipment. The building was designed for the sole purpose of accomplishing shaft, propeller and rudder repair. All remaining shipyards utilize space within their machine shops to do this type of work, which ties up their cranes that are also utilized for general lifting within the shop. This facility has a dedicated lifting dual crane system, bridge type, 50 and 100 ton capacity; dedicated welding and stress relief equipment; dedicated balancing machine with a capacity of 44 ton 100 RPM; dust control and ventilation system; and a dedicated rail car and track system for transportation and movement to paint/sandblast facility and to Non-destructive testing facility. LBNSY has certified and trained propeller repair technicians.

(ag) **YD-171 386 Ton Floating Crane** is **one of a kind** with a level luffing cantilever boom capable of reaching the highest point on any ship. It has (2) 175 long ton, (2) 30 long ton, and (1) 10 long ton hooks. It has (3) 1200HP main engines, (1) auxiliary engine (lighting) and (2) air compressors. The barge is 204 feet long, 109 feet wide and has a draft of 17 feet. It can be re-configured to be self propelled. The crane is capable of reaching across entire width of LHA and LHD class ships, and beyond the centerline of flight decks on CV and CVN class ships.

(ah) **Main assembly bay** located in building 128 has a floor space measuring 95 feet wide by 400 feet long with 30 feet of overhead crane clearance. Rigging services are provided by two (2) overhead cranes that are equipped with dual hoists. The main hoist on each crane has a lifting capacity of 50,000 pounds and the auxiliary hoist has a 10,000 pound capacity. Additional lifting capability is provided by ten (10) fixed booms that are equipped with pneumatic winches and can lift 4,000 pounds each. The fixed booms have been strategically placed along the walls to provide maximum support for those areas where materials must often be repositioned during fabrication and assembly. Numerous utility hook-up stations are also located at strategic locations throughout the bay. A typical station has six (6) compressed air outlets, two (2) 440 volt receptacles, four (4) helium manifold outlets, and six (6) welding grids rated at 295 amperes each. This combination of equipage and services makes it possible to assemble extremely large work packages indoors. For example, when the USS Cook suffered severe bow damage from a collision with a much larger ship, the USS Mars, a new bow section was fabricated entirely in the main bay. When the new bow section was transported to the waterfront, it dwarfed the 24 wheel flat bed trailer that strained under its weight. Two portal cranes were needed to lift the bow and set it in place on the USS Cook.

(ai) **Large capacity computer numerically controlled CM-100 oxygen-acetylene and plasma arc burning machine** with an extra large 22 foot by 44 foot water table has the **unusual** capability of handling several full plates up to 6 inches thick. It has an overhead crane to facilitate handling of material. The cutting capacity is 6 inches of mild steel and 4 inches of aluminum. NC programming through Intergraph work station allows full nesting and part memory. The unit is tied to a shipyard wide LAN which allows access to lofting and engineering assist. The plasma torch is powered by a 1200 ampere power source. The fuel gas system controls 6 individual torches .

(aj) **Electroplating facility with Industrial Waste Treatment Plant (IWTP)** is the **only known** electroplating facility in Southern California complete with a waste treatment plant to process the industrial waste generated in the plating process. The facility is in complete environmental compliance as set forth by U.S. EPA Region IX, the Los Angeles Water District, the Long Beach Water District and the Southwest Air Quality Board. The plating facility was modernized in 1980 with the IWTP going into operation in 1992. The plating facility measures 60' x 60' with three separate tank lines (i.e. chromate, cyanide and miscellaneous). The modern IWTP is used

to process waste water and has a holding capacity of 600,000 gallons with a discharge rate of 50 gallons per minute.

(ak) **Automated Aluminum Welding** equipment and personnel are able to weld large aluminum structural members. This equipment includes a double sided fillet welding machine, self propelled tractors, and positioning equipment to handle large structures. Using ultra high purity helium we are able to produce x-ray quality weldments on aluminum. We have a large weather protected layout area which allows us to work year round on this difficult to weld material. This includes Jet Blast Deflectors, Armor Bulkheads, Portable Buildings and Fluid Holding Tanks.

(al) **375 Ton Injection Molding Press** is one of a kind in Naval Shipyards capable of drawing a two cubic foot plastic molded object (via injection mold process).

(am) **ESAB 55,000 psi Computer Numerically Controlled Hydro-cutting Machine** has the ability to cut intricate shapes with virtually no heat affected zone, and minimal distortion. It is able to cut ferrous and non-ferrous metals, plastics, rubber, Kevlar, glass and bi-metallic pieces up to 4' by 8' in size.

2.2 Planning Yard Mission. Identify the classes of ships (include one-of-a-kind) for which your activity serves as the planning yard.

Long Beach Naval Shipyard is the Planning Yard for the 51 ships of the FFG-7 class.

2.3 Reactor Compartment Disposal. Does your activity remove reactor compartments from inactive nuclear powered vessels?

No

2.4 Non-Shipwork. Identify the work, in total Direct Labor Man Years (DLMYs), performed by your activity during FY 1993 in support of other DON industrial facilities (e.g. Naval Aviation Depots (NADEPs), Aviation Intermediate Maintenance Departments (AIMDs), Marine Corps Logistics Bases (MCLBs), Shore Intermediate Maintenance Activities (SIMAs), Fleet and Industrial Support Centers (FISCs), etc.).

Non-Shipwork DON Industrial support = 112.5 DLMYs

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2.5 Interservice Workload. Identify the productive work your activity provides to customers other than USN vessels (e.g. nonship work, such as repairables, calibration; non-DON vessels, such as MSC or USCG ships; work for other DoD elements, other agencies of the Federal government or the commercial sector). Specify any related specialized, unique or peculiar capabilities of your activity which support such workload. Highlight those areas where your activity is the only DOD/DON source for that workload.

Note: * Indicated only DOD/DON source for that workload.

Productive Work - Non-DON vessels

USCG		**Installation of CIWS, Harpoon, MK 38 Gun System.**
MSC	*	**Designated Overhaul Point (DOP) for 4th Generation UNREP Winch System and Components, including one of a kind performance test facility.**
SOC		**Overhaul of Special Operations Command (SOC) Rigid Inflatable Boats (RIB) and patrol craft.**
FML/FMS	*	**Reactivation, Overhaul, and Modernization of ex-USN vessels for foreign Navies.**
CBPAC		**West Coast DOP for Side-loading Warping Tug and Causeway Service Life Extension Program (SLEP).**
US Army		**Overhaul, repair and modernization of U.S. Army vessels.**

Productive Work - Repairables

USN	*	**DOP for MK-86 GFCS (Above Deck) with unique repair fixture, test facilities, and range equipment.**
USN	*	**DOP for SPS-55 Radar and Antenna Arrays with unique test stations.**
USN	*	**DOP for UQN-1/UQN-4 Fathometer with unique test stations.**

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USN	*	DOP for SPS-40 Radar and Antenna Arrays with unique sub-module test stations and wind load analysis.
USN	*	DOP for AN/SRC-23(v) R.F. Tuner and Power Amplifier with advanced test fixtures that can be used with other radio components.
USN	*	DOP for SPS-10 Radar and Antenna with test stations.
DOD	*	DOP for various printed circuit boards and electronic modules using Modular Oriented Automated Test System (MOATS) with unique automated testing.
DOD	*	DOP for four Diesel Engines with full computer operated dynamometer testing facilities.
DOD	*	DOP for Optical/Navigation Instrument of lenses/lense systems with reverse engineering and production capabilities.
USN	*	DOP for 4th Generation UNREP Winch System and Components with unique full performance testing facility.
DOD	*	DOP for Sealed Hydraulic Transmissions, Motors, and Cylinders with unique computer controlled dynamic testing facility.
USN	*	DOP for MK-19, MK-23, and MK-27 Gyro Compass. Clean room and the largest scors by Test Stand (Ship Motion Simulator)
USN	*	DOP for Propulsion Shafts, Rudder Posts, and Propellers with Electroslag Surfacing (ESS) Capability.
USMC		Repair and test Motor/Diesel Driven Pumps and Air Compressors.
DOD		DOP for repair and testing of over 5,000 DLA/SPCC Mechanical, Electrical, and Electronic Equipment and Components. Products can be tested in test stations or facilities listed above in 2.1.
DOD		DOP for Cryptographic Equipment with test stations.

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Productive Work - Manufacturing

USN	*	Jet Blast Deflectors.
USN	*	Jet Blast Deflector Cooling Modules.
USN	*	Catapult Butterfly Exhaust Valves.
USN		RAS/FAS Wire Rope.
USN		Hydraulic Manifolds. Design, prototyping, and manufacturing.
USN		Test Missile Nose Cones.
USN		Extended Length Hydraulic Lifting Cylinders.
USN		Speciality Canvas Hose.
USN		Ferrous and non-ferrous strainers.

Productive Work - Design and Engineering

USN	*	Expanded Planning Yard for FFG-7 Class Ships.
FML/FMS		Planning Yard/Logistic Support for Brazil, Taiwan, Austrailia, and Spain.
FAA		"Iron Bird" Project in cooperation with McDonnell-Douglas. (The FAA has contracted with McDonnel-Douglass to study the effects of terrorist explosions aboard commercial airlines and to determine mitigating design factors. "Iron Bird" is the design and construction of a reusable steel fuselage for explosive testing. LBNSY has been tasked in the project to assist in steel structural design and fabrication of the fuselage.)

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Table 2.5: Productive Work - Services

Customer	Hzrd Waste Note 1	Spill Rspn Note 2	Crane Srvs Note 3	Crane Trng	Brge Srvs Note 4	Divng Note 5	Ptrn mkng	Asb-estos Note 6	Elect Sppt	Tmp Srvs	Fcty Mant
DOD-Defense Fuel Depot	X	X	X		X				X		X
DOT-USCG	X	X	X	X	X			X		X	
DOD-Armed Force Res CTR	X										
DOD-DRMO	X		X	X							
USN-NAVWEPSTA Seal Beach	X	X	X	X	X				X		
USN-Family Housing	X		X					X	X		X
USN-SUPSHIP Long Beach	X	X									
Southwest Marine	X				X						
AL Larson Boat	X				X						
San Pedro Boat Works	X				X						
USN-CB Units	X										
USN-CB HQ Port Hueneme				X		X					
USN-FISC San Diego	X	X		X							X
USN-NAVSTA San Diego									X		

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Customer	Hzrd Waste Note 1	Spill Rspn Note 2	Crane Srvs Note 3	Crane Trng	Brge Srvs Note 4	Divng Note 5	Ptrn Mkng	Asb-estos Note 6	Elect Sppt	Tmp Srvs	Fcty Mant
USN-NAVSTA LB-MWR											X
USN-SIMA San Diego							X				
USN-SIMA LB	X		X	X	X		X				
USN-PWC San Diego			X						X		
USN-NAVSTA Everett				X							
USN-COMNAVSURFPAC							X				

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Customer	Hzrd Waste Note 1	Spill Rspn Note 2	Crane Srvs Note 3	Crane Trng	Brge Srvs Note 4	Divng Note 5	Ptrn Mkng	Asb-estos Note 6	Elect Sppt	Tmp Srvs	Fcty Mant
USN-Clemente Island						X					
Federal Bureau of Prisons								X			
City of Long Beach		X	X			X					
City of Los Angeles		X		X		X					
HITCO			X								

Note (1): Pick-up and California State Certified receipt handling and permitted storage, disposal and certified testing of hazardous waste at LBNSY hazardous waste storage facility and hazard waste chemistry laboratory.

Note (2): Mutual aid agreements for HAZMAT land and waterborne spill response.

Note (3): Provide certified crane (floating and mobile) and rigging services (only DON/DOD) local activity to load/offload submarine Bow Domes from HITCO plant, Ammunition at NAVWEPSTA, Seal Beach or anchorage and other miscellaneous items.

Note (4): Provide barge services for litterage, CHT, chemical, oil and fuel transfers.

Note (5): Diving and Hyperbaric chamber support.

Note (6): Conduct asbestos inspections and provide asbestos laboratory, abatement and removal services.

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Features and Facilities
3. Facility Measures

3.1 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.

NOTE: Table 3.1: Reflects data utilizing the 30 SEP 93 P-164, the shipyard FPD dated 14 April 94 and the NAVSTALBEACH FPD dated 8 OCT 92. The data reported in the tables supercedes the data reflected by the FPD's. (SEE NOTES:)

NOTE: Seventy-five percent of the deficiencies defining substandard conditions are related to changes in building codes to meet seismic standards. All of our facilities have withstood earthquakes of 6.9 magnitude with only superficial damage and pose no safety problem. All seismic-related deficiencies are programmed for resolution during FY95-97.

Table 3.1.: **Facility Conditions (Long Beach Naval Shipyard)**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
123	Veh Fuel/Disp	9 OL	0	0	
131	Comms-Buildings	0.03 KSF	0	0	
131	Comms-Buildings *	0.86 KSF	3.2 KSF	0	B30, C05
134	Radar Facility	1 ea	0	0	
135	Comms Lines	25 mi	0	0	
135	Comms Lines *	16 mi	0	0	
137	Ship NAV & TR BLDG *	0.3 KSF	0	4.5 KSF	A30
141	Operation Bldgs	0 KSF	2.4 KSF	0	A30
143	Ship & Other Op Bldg	1.8 KSF	0	0	
151	Piers	6903 FB	0	0	NOTE 1
151	Piers *	3678 FB	0	0	

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CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
152	Wharfs *	2960 FB	0	0	
154	Quaywalls	4.6 KLF	3.4 KLF	0	A30
154	Quaywalls *	2.7 KLF	0	0	
155	Small craft berthing	720 FB	0	0	
159	Other Water Fr Op	0.1 KSF	2.7 KSF	0	A30 NOTE 2
171	Training Bldgs	7.2 KSF	16.8 KSF	0	E05,C45,A30 NOTE 3
179	WPN/RNG op Tower	1 ea	0	0	
213	Production Bldgs	122.4 KSF	1428.1 KSF	0	A30,C03,C45, E05 NOTE 4
213	Production Bldgs *	0 KSF	20.4 KSF	16.6 KSF	A30, C05, A10, C40
213	Drydocks	305.1 KSF	0	0	
214	Maint-Auto	9.0 KSF	44.6 KSF	0 KSF	A30,E05
217	Mnt-Elex/Coms	3 ea	0	0	
218	Cable Repair	1.7 KSF	0	0	
218	Maint-Misc *	0	0	1.9 KSF	A30, C05
219	PW Shops	27.9 KSF	65.3 KSF	0	A30,E05,E03 NOTE 5
219	PW Shops *	1.0 KSF	3.4 KSF	0	D30
317	Elec/Comm Lab	2.2 KSF	0.5 KSF	0	A30
441	General Storage	48.9 KSF	93.8 KSF	0	A30,C40,E05,C 30 NOTE 6
441	General Storage *	0	9.1 KSF	1.4 KSF	A30, D30, C05

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CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
610	Admin Office	39.1 KSF	248.5 KSF	0	A30,C03,E05,C45 NOTE 7
610	Admin Office *	66.9 KSF	29.0 KSF	23.8 KSF	C05, A30, A01, B30, A23, C40, A03
711	Family Housing *	1867.0 KSF	0	0	
714	Fam Hsg/Det Fac *	7.0 KSF	0	0	
721	UEPH *	243.7 KSF	172.2 KSF	0	A01, C05
722	UNAC PR-MES *	0	21.8 KSF	0	C05
723	UEPH-DET Fac *	0.3 KSF	0	0	
730	Community Facilities	0.3 KSF	0.3 KSF	0	
730	Community Facilities *	5.2 KSF	48.3 KSF	0	A30, D30,E05, B30, E03, C05
740	Credit Union/Restaurant	27.8 KSF	33.0 KSF	0	C45
740	Community Facilities - MWR *	198.5 KSF	47.1 KSF	16.9 KSF	A04, A30, E05, B26, D30, A26,C30, A27
750	Comm Fac-MWR *	52 ea	0	0	
812	Elec Tmsn/Distr	6.6 KSF	0	0	Also 798.9 KLF
812	Elec Tmsn/Distr *	4.6 KSF	0	0	Also 33.5 KLF
813	Elec Pwr Sub/SW	14.7 KSF	0	0	Also 140.5K KV
821	Heat Plant Bldg	16.9 KSF	0	0	Also 480 MB
822	Steams Lines	128.3 KLF	0	0	

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CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
824	Gas Lines	48.3 KLF	0	0	
824	Gas Lines *	34.2 KLF	0	0	
831	Sewage Treatment & Disposal	19.1 KSF	0	0	Also 4600 KG
832	Sewage/Collection *	3.8 KSF	0	0	Also 195.2 KLF
841	Wtr-Sup/Tmt/Stc	0.2 KSF	0	0	Also 4320 KG
842	Wtr Distr *	0.9 KSF	0	0	Also 197.8 KLF
843	Water-fire protection	54.1 KLF	0	0	
844	Water Supply *	93 KG	0	0	
845	Water distribution nonpotable	24.3 KLF	0	0	
851	Roads	205.7 KSY	0	0	
851	Roads *	242 KSY	0	0	
852	Parking/sidewalks *	297 KSY	0	0	
852	Parking/sidewalks	359.3 KSY	0	0	
860	Railroad	6 mi	0	0	
871	Grounds drainage	46.9 KLF	0	0	
871	Grounds drainage *	172.6 KLF	0	0	
872	Fence *	85.7 KLF	0	0	
872	Fence	45.8 KLF	0	0	
880	Fire Alarm System *	58 BX	0	0	

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CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
880	Fire Alarm System	43 BX	0	0	
890	Misc. Util.	30.2 KSF	0	0	Also 73.2 KLF
	Activity TOTAL:	9 OL	0 OL	0 OL	
	Activity TOTAL:	57 EA	0 EA	0 EA	
	Activity TOTAL:	47 MI	0 MI	0 MI	
	Activity TOTAL:	14261 FB	0 FB	0 FB	
	Activity TOTAL:	647.5 KLF	3.4 KLF	0 KLF	
	Activity TOTAL:	1104 KSY	0 KSY	0 KSY	
	Activity TOTAL:	101 BX	0 BX	0 BX	
	Activity TOTAL:	93 KG	0 KG	0 KG	
	Activity TOTAL:	3081.3 KSF	2290.5 KSF	65.1 KSF	

*** Includes NAVSTA LONG BEACH and housing facilities to be transferred to LBNSY on 1 October 1994 as a result of BRAC-91.**

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

NOTE 1: CCN 151 - Pier 3 deficiencies corrected resulting in 2444 FB upgraded from substandard to adequated.

NOTE 2: CCN 159 - Building 218 deficiencies corrected resulting in 2668 SF upgraded from inadequate to substandard.

NOTE 3: CCN 171 - Building 96 demolished and Building 100 deficiencies corrected resulting in 1680 SF eliminated and 7200 SF upgraded from substandard to adequate.

NOTE 4: CCN 213 - Reflects recently demolished buildings and various deficiency corrections resulting in upgrades to substandard and adequate status.

NOTE 5: CCN 219 - Building 154, 365 and 382 recently demolished resulting in 1000 SF eliminated.

NOTE 6: CCN 441 - Reflects recently demolished buildings and various deficiency corrections resulting in upgrades from substandard to adequate.

NOTE 7: CCN 610 - Reflects various deficiency corrections resulting in upgrades from substandard to adequate.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

Note: Defense Printing Service Detachment Branch Office (UIC#: N68347)

Table 3.1.a: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
229	Printing Plant	15.8	0	0	
	Activity TOTAL:	15.8 KSF	0	0	

Note: SUPSHIP Long Beach Detachment (UIC #: N65870)

Table 3.1.b: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
610	Admin Office	16.8	0	0	
	Activity TOTAL:	16.8 KSF	0	0	

Note: Intra-Flt Supply Support San Diego, CA (UIC# N68439)

Table 3.1.c: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
610	Admin Office	0.8	0	0	
	Activity TOTAL:	0.8 KSF	0	0	

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

Note: SWNAVFACENGCOM San Diego, CA (UIC# N68711)

Table 3.1.d: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
610	Admin Office	9.2	0	0	
	Activity TOTAL:	9.2 KSF	0	0	

Note: Naval Criminal Investigative Service (NCIS DET) Long Beach **(UIC# N32123)**

Table 3.1.e: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
610	Admin Office	0	.8 KSF	0	A30
	Activity TOTAL:	0	.8 KSF	0	

Note: Defense Finance and Accounting Service (DFAS) (UIC# S33181)

Table 3.1.f: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
610	Admin Office	1.2 KSF	0	0	
	Activity TOTAL:	1.2 KSF	0	0	

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

Note: Branch Dental Clinic Long Beach (UIC# N62947)

Table 3.1.g: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
540	Dental Clinic	0	23.2 KSF	0	A05
	Activity TOTAL:	0	23.2 KSF	0	

Note: Naval Medical Clinic Long Beach (UIC# N32539)

Table 3.1.h: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
550	Medical Clinic	57.8 KSF	0	0	
	Activity TOTAL:	57.8 KSF	0	0	

Note: Shore Intermediate Maintenance Activities Detachment (SIMA DET) Long Beach (UIC# N68828)

Table 3.1.i: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
213	Production BLDG	0	11.5 KSF	0	A30, C45
	Activity TOTAL:	0	11.5 KSF	0	

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

Note: Defense Commissary (UIC# N49200)

Table 3.1.j: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
740	Community Facility	50.9 KSF	0	0	
	Activity TOTAL:	50.9 KSF	0	0	

Note: Navy & Marine Corps Reserve Center, Long Beach (UIC# N62102)

Table 3.1.k: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
171	Training BLDG	60.0 KSF	0	0	
211	Maint-Aircraft	0.2 KSF	0	0	
214	Maint-Auto	1.0 KSF	0	0	
441	General Storage	0.3 KSF	0	0	
852	Parking/Sidewalks	12 KSY	0	0	
	Activity TOTAL:	61.5 KSF	0	0	
	Activity TOTAL:	12 KSY	0	0	

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

Note: Naval Computer and Telecommunications Command (UIC# N35272)

Table 3.1.l: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
131	Comms-BLDG	0	7.3 KSF	0	B30, C05
	Activity TOTAL:	0	7.3 KSF	0	

Note: Personnel Support Activity Detachment (PSD) Long Beach (UIC# N43142)

Table 3.1.m: **Facility Conditions**

CCN	Facility Type	Condition			Comments
		Adequate	Substandard	Inadequate	
610	Admin Office	13.9 KSF	0	0	
	Activity TOTAL:	13.9 KSF	0	0	

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

Deficiency Code Definitions:

A01 - Physical Condition - Heating System
A03 - Physical Condition - Environmental Control Systems
A04 - Physical Condition - Plumbing/Piping/Fixtures
A05 - Physical Condition - Fire Deterrent Systems
A10 - Physical Condition - Lighting/Fixtures
A23 - Physical Condition - Walls
A26 - Physical Condition - Building Interior/Configuration
A27 - Physical Condition - Roof
A30 - Physical Condition - Building or Structure (Total)
B26 - Functional or Space Criteria - Building Interior/Configuration
B30 - Functional or Space Criteria - Building or Structure (Total)
C03 - Design Criteria - Environmental Control Systems
C05 - Design Criteria - Fire Deterrent Systems
C30 - Design Criteria - Building or Structure (Total)
C40 - Design Criteria - OSHA Deficiency
C45 - Design Criteria - To comply with current seismic codes.
D30 - Location or Siting Criteria - Building or Structure (Total)
E03 - Non existent - Environmental Control Systems
E05 - Non existent - Fire Deterrent Systems

Units of Measure Definitions:

BX - Boxes
EA - Each
FB - Feet of Berthing
LF - Linear Feet
OL - Outlets
SY - Square Yards
KG - Thousands of Gallons
KV - Kilovolt Ampheres
MB - Millions of BTU per hour
MI - Miles
SF - Square Feet

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

3. Facility Measures, continued

3.2 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 3.1, 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?

None for LBNSY. All inadequate facilities are NAVSTA LONG BEACH facilities to be transferred to LBNSY on 1 October 1994 as a result of BRAC-91, and are available for demolition.

CCN 137

a. Ship NAVIGATIONAL BLDG (BLDG 145 - Port Control Office)/CCN 137.
b. General building physical condition; inadequate heating/ventilation system.
c. Port service office will be vacated by 01 October 94.
d. Unknown.
e. Building is inadequate for any other use.
f. Planned for demolition but unfunded.
g. No.

CCN 213

a. Production BLDGs (BLDGs 143, 144, 145 - Boat Shop)/CCN 213.
b. General buildings physical condition; inadequate heating/ventilation system; no fire suppression system; expose wood frame.
c. Port services boat shop will be vacated by 01 October 94.
d. Unknown.
e. Buildings are inadequate for any other uses.
f. Planned for demolition but unfunded.
g. No.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

CCN 218

a. Maintenance - miscellaneous (BLDG 145 - Repair Shop Storage)/CCN 218.
b. General building physical condition; inadequate heating/ventilation system; no fire suppression system.
c. Port services repair shop storage will be vacated by 01 October 94.
d. Unknown.
e. Building is inadequate for any other use.
f. Planned for demolition but unfunded.
g. No.

CCN 441

a. General storage (BLDG 145 - General Warehouse)/CCN 441.
b. General building physical condition; inadequate heating/ventilation system; no fire suppression system.
c. Port services repair shop storage will be vacated by 01 October 94.
d. Unknown.
e. Building is inadequate for any other use.
f. Planned for demolition but unfunded.
g. No.

CCN 610

a. Administrative office (BLDGs 112, 113, 144, 145)/CCN 610.
b. General building physical condition; inadequate heating/ventilation system; no fire suppression system; exposed frame; inadequate listing.
c. Port service and PSD administrative offices will be vacated by 01 October 94.
d. Unknown.
e. Buildings are inadequate for any other uses.
f. Planned for demolition but unfunded.
g. No.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

CCN 740

a. Community facilities - MWR (BLDG 45 - Theater)/CCN 740.
b. General building physical condition; inadequate heating/ventilation system; insufficient listing; no fire suppression system.
c. The base theater is currently vacant.
d. Unknown.
e. Building is inadequate for any other use.
f. Planned for demolition but unfunded.
g. No.

3.3 Identify any specialized major equipments or facilities (e.g. cranes, centrifuges, autoclaves, wind tunnels, interior and exterior aircraft storage areas) *not previously delineated*, which are unique or peculiar to your activity.

NONE

3.4 IPE Age. Identify the average age of Industrial Plant Equipment (IPE) at the activity as of 30 September 1994.

IPE Average Age = 17.08 Yrs.

3.5 AIS Backlog. Identify the Annual Inspection Summary (AIS) backlog at the activity in thousands of dollars ($ K) and percent of total backlog, for the period requested.

Table 3.5: **AIS Backlog (Long Beach Naval Shipyard only)**

	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	Average
Backlog * ($ K)	29,501	28,493	30,519	25,085	23,404	27,400
% Backlog Retired	52%	45%	37%	25%	35%	39%

NOTE: AIS backlog data for NAVSTA LONG BEACH facilities to be transferred to LBNSY on 1 October 1994 as a result of BRAC-91 was not available except for FY 93 which was $6,551K.

* **Total Critical and Deferable DBOF and O&MN Backlog.**

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

Features and Facilities

4. Support Services

4.1 Identify the support (police, fire protection, etc.) now provided by the host Naval or Marine Corps activity or other source. Add any additional applicable factors. Identify what factors would be needed by your activity if the host facility is closed.

Table 4.1: **Support Facilities**

Support	Currently Obtained from:	Needed if Host Closes?
Police	Self-Support	N/A
Security	Self-Support	N/A
Fire *	NAVSTA Long Beach	YES
Cafeteria	Self-Support	N/A
Parking	Self-Support	N/A
Utilities	Self-Support	N/A
Child Care *	NAVSTA Long Beach	YES
HRO-NAVSEA	Self-Support	N/A
Hazardous Waste Processing	Self-Support	N/A
Port Services *	NAVSTA Long Beach	YES
Family Housing *	NAVSTA Long Beach	YES
Religous Ministries *	NAVSTA Long Beach	YES
Enlisted Dining *	NAVSTA Long Beach	YES
Bachelor Quarters *	NAVSTA Long Beach	YES
Morale, Welfare Recreation *	NAVSTA Long Beach	YES
Navy Exchange *	NAVSTA Long Beach	YES
Family Services *	NAVSTA Long Beach	YES

***Function will transfer to LBNSY upon NAVSTA closure effective 1 OCT 94 as a result of BRAC 91.**

ACTIVITY: Long Beach Naval Shipyard
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4.2 If your activity is relocated, what new location(s) (for your activity) most efficiently provides adequate oversight of this support?

N/A

4.3 Other Support. Identify any services or support your activity provides to the community or to other DON/DoD activities. (Include only services to activities which employ 300 or more personnel.)

Customer	HWP	LAB	U&M	PC	VEH	OIL	MH	TRG	EAC	IE
USCG	X	X				X				
SURFPAC	X	X								
SOUTHWEST-NAVFACENGCOM	X	X								
Naval Air Warfare Center PT MUGU WPN DIV	X	X								
Naval Marine Corp Reserve Center	X			X					X	
NAVWEPSTA S. Beach								X	X	X
AFRC, Los Alamitos									X	

HWP - Hazardous Waste Processing
LA - Lab Analysis
U&M - Utility and Maintenance
PC - Pest Control
VEH - Vehicle
OIL - Oil Spill
MH - Material Handling
TRG - Training
EAC - Emergency Area Coordinator
IE - Industrial Equipment

5. Waterfront Support Services

5.1 Identify the source(s) of your activity's tugs and pilots, barges, and other harbor services.
Tugs - contract with Crowley Towing and Transportation Co.
Pilots - Civil Service Pilots
Barges - Command Controlled
Other Harbor Services are self-provided

5.2 Does your activity provide tugs and pilots, barges, and other harbor services to other (non-NSYD/SRF) activities? **Yes.**

If so, please specify what services and to what activities.

ACTIVITY: Long Beach Naval Shipyard
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1. Provide tug, pilot, floating crane, barge and rigging services for loading and unloading ammo at Seal Beach Weapons Station and at ammo anchorages.

2. Provide crane, rigging and transportation services for loading and off-loading HITCO submarine sonar domes.

3. Provide convenience berthing, tug, pilot, rigging services and pier utility services for USN, USCG and MSC ships.

4. Provide environmental cleanup services for Harbor Flotsam throughout Los Angeles Harbor.

5. Provide Pollution Response Team for the Coast Guard, Seal Beach Weapons Station and other activities in the Southern California area upon request.

6. Provide diving services and hyperbaric chamber services for activities in the Southern California area upon request.

7. Schedule fuel and boiler feedwater deliveries for USN, USCG and MSC ships upon request.

8. Provide permitted hazardous waste pickup, packaging, testing, storage and disposal services.

5.3 If the naval station, base, or other supporting activity in closest proximity is closed, identify all additional annual costs that would accrue to your activity for tugs and pilots, barges, or any other harbor services.

None

R

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

Features and Facilities

6. Personnel Experience

6.1 What is the total number of apprentices trained at this activity over the period FY 1990 through FY 1994?

Total # of apprentices = 40

What percentage of those apprentices are still employed at your activity? % = 70

How many apprentices are currently being trained at this activity?

Current # apprentices = 0

6.2 Using the following table, identify the average experience of personnel in the functional areas and their total longevity at your activity.

Table 6.2: Workforce Longevity and Experience

Functional Area	Years	
	Experience in this Position	Total Longevity
Nuclear Engineers	N/A	N/A
Conventional Engineers	13	13 R
Journeyman/Mechanics	8.7 R	13.4 R
RADCON Technicians	N/A	N/A
Quality Assurance Inspector	4.8	13.8
Total Shipyard	6.4	11.2

Data is based on DCPDS data of 18 May 1994

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

Features and Facilities

6. Personnel Experience

6.1 What is the total number of apprentices trained at this activity over the period FY 1990 through FY 1994?

Total # of apprentices = **40**

What percentage of those apprentices are still employed at your activity? % = **70**

How many apprentices are currently being trained at this activity?

Current # apprentices = **0**

6.2 Using the following table, identify the average experience of personnel in the functional areas and their total longevity at your activity.

Table 6.2: **Workforce Longevity and Experience**

Functional Area	Years	
	Experience in this Position	Total Longevity
Nuclear Engineers	N/A	N/A
Conventional Engineers	13	13.3
Journeyman/Mechanics	8.4	13.9
RADCON Technicians	N/A	N/A
Quality Assurance Inspector	4.8	13.8
Total Shipyard	6.4	11.2

Data is based on DCPDS data of 18 May 1994

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

Costs

7. Investments

7.1 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 7.1: **Capital Improvement Expenditure**

Project	Description	Fund Year	Value ($K)
P-183	Electronic Sys. Evaluation Facility	87	1,100
P-082	Medical Clinic *	87	6,000
P-171	BEQ *	87	9,000
P-173	BEQ *	87	5,000
P-176	Bowling Alley Expansion *	88	1,600
955	B303 HVAC	88	7
C1-87	Landscape Community Center *	88	182
C1-89	Contstruct Maintenance Facility *	89	125
C5-89	Construct Marine Rigging Shop *	89	185
C7-89	Construct Bowling Center Parking Lot *	89	70
CR4-89	Alterations/Repairs to Community Center *	89	185
1022	B303 Install Utilities	89	24
1029	Saltwater Pit #7 Crane Install	89	9
1033	Sewer Alts	89	176
1041	HAZ Waste Stage Facility	89	188
1042	DD1 Waste Pipe Line	89	91
C21-90	Modification/Extension to Fire Station *	90	106
1039	Install SESEF Security Alarm System	90	22

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Project	Description	Fund Year	Value ($K)
1043	B150 Steam Valve Access	90	10
1045	WHSE A Phone Cable Conduit	90	11
1050	B129 Code 130 Office Construct	90	68
1053	Install Sampling Facility	90	14
1054	B108 Install Ventilation	90	16
1061	Gas Station Fuel Spill Containment	91	91
1067	HAZ Waste Staging Facil (Shop 51)	91	56
1068	HAZ Waste Staging Facil (Shop 02)	91	14
1069	B108 Filter Press ALTs	91	121
1046	B302 Oil Install	92	47
1055	Oil Lab Improvement	92	28
P-235	Asbestos Removal Shop	92	315
1052	Shore Power Upgrade	93	179
1071	Drydock 2 Shore Power Upgrade	93	85
1083	Waste H20 OW/WO (CONT)	94	102
1074	HAZ Waste Staging Facility X03/07	94	110
1095	B132 Shop 38 Consolidation	94	132
45018	DRMO Relocation (BRAC) *	94	293

Note: No capital improvements at LBNSY as a result of BRAC Realignments or closures.
*** NAVSTA LONG BEACH Projects.**

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

7.2. 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 7.2: **Planned Capital improvements**

Project	Description	Fund Year	Value ($K)
1092	B113 Coord Ctr	95	110
	Minor Const Projects	95	190
C01-91	Metering Base Usage Elec Demand	96	283
	Minor Const Projects	96	750
RC01-94	DD1 Dewatering Pumps Alts	97	291
	Minor Const Projects	97	500

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

Table 7.3: **Planned BRAC Capital improvements**

Project	Description	Fund Year	Value
None			N/A

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

7. Investment, continued

7.4 Identify by Investment Category Code and Name (e.g. 05-Training Facilities; 14-Administration) the actual investment at your activity, to include all MCON, maintenance and repair, installed equipment, and minor construction, in thousands of dollars ($ K) over the period FY 1990 through FY 1994 for all your facilities. Report separately all other Class 2 equipment investments. The following table should include your responses to questions 7.1-7.3 above.

Table 7.4: **Historic Investment Summary**

Investment Category	$ K
IC-02 Communication Facility	446
IC-03 Waterfront Oper Facility	806
IC-04 Other Oper Facility	3,007
IC-07 Shipyard Maint Prod	8,364
IC-08 Other Maint Prod	7,751
IC-17 Utilities	37,940
IC-18 Real Estate/Grounds	2,496
IC-20 Other	9,492
Other (NAVSTA LONG BEACH) *	17,514
Equipment (other than Class 2)	10,264
Activity TOTAL	98,080

*** Includes NAVSTA LONG BEACH facilities to be transferred to LBNSY on 1 October 1994 as a result of BRAC-91.**

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

Total planned Investments = $ 120,844 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

7. Investments, continued

7.6 Provide a list of all other documented major facility deficiencies not addressed in 7.1-7.3 (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.

NOTE: The seismic upgrade projects are related to changes in building codes to meet current seismic standards. All of our facilities have withstood earthquakes of 6.9 magnitude with only superficial damage and pose no safety problem.

Table 7.6: **Facility Deficiencies**

Deficiency	Cost to Correct ($ K)	Result of Corrections	FY Savings
R46-91 B300 Seismic Upgrade	1414	Compliance with lastest seismic criteria.	95 - N/A
R47-91 B210 Seismic Upgrade	2940	Compliance with lastest seismic criteria.	96 - N/A
R49-91 B129A Seismic Upgrade	1090	Compliance with lastest seismic criteria.	96 - N/A

Note: The above projects are included in para 7.5.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

Costs

8. Labor Rates

8.1 Provide the following actual rates per hour, less direct materials, for your activity for the period requested. Reproduce the table as necessary to report different rate structures for different functional areas, specifying the functional areas represented in each table.

Table 8.1: Labor Rates

Functional Area: Ship Repairs

	Rate ($/Hour)	
	FY 1993	FY 1994*
Direct Labor Rate	24.77	25.01
Production Expense	15.89	18.92
Overhead (G&A)	16.30	23.45
Fully Burdened Rate	56.96	67.38

*** FY 94 actuals are as of March**

Table 8.1: **Labor Rates**

Functional Area: ALT'S

	Rate ($/Hour)	
	FY 1993	FY 1994*
Direct Labor Rate	23.60	24.90
Production Expense	15.24	13.20
Overhead (G&A)	16.30	23.45
Fully Burdened Rate	55.14	61.56

*** FY 94 actuals are as of March**

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

Table 8.1: **Labor Rates**

Functional Area: Inactivation

	Rate ($/Hour)	
	FY 1993	FY 1994*
Direct Labor Rate	23.26	22.34
Production Expense	6.78	18.83
Overhead (G&A)	16.30	23.45
Fully Burdened Rate	46.35	64.62

*** FY 94 actuals are as of March**

Table 8.1: **Labor Rates**

Functional Area: RA/TA

	Rate ($/Hour)	
	FY 1993	FY 1994*
Direct Labor Rate	23.74	24.82
Production Expense	15.31	16.78
Overhead (G&A)	16.30	23.45
Fully Burdened Rate	55.35	65.05

*** FY 94 actuals are as of March**

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

Table 8.1: **Labor Rates**

Functional Area: REFIT

	Rate ($/Hour)	
	FY 1993	FY 1994*
Direct Labor Rate	22.63	23.28
Production Expense	16.98	9.23
Overhead (G&A)	16.30	23.45
Fully Burdened Rate	55.92	55.96

*** FY 94 actuals are as of March**

Table 8.1: **Labor Rates**

Functional Area: OPW

	Rate ($/Hour)	
	FY 1993	FY 1994*
Direct Labor Rate	24.21	23.05
Production Expense	12.35	10.25
Overhead (G&A)	16.30	23.45
Fully Burdened Rate	52.86	56.75

*** FY 94 actuals are as of March**

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

Table 8.1: **Labor Rates**

Functional Area: Planning Yard

	Rate ($/Hour)	
	FY 1993	FY 1994*
Direct Labor Rate	29.32	30.18
Production Expense	19.49	11.69
Overhead (G&A)	16.30	23.45
Fully Burdened Rate	65.11	65.33

Revised pg

UIC: N60258

DATA CALL for MILITARY VALUE
Naval Shipyards and Ship Repair Facility

Amendment One

Questions for the Activities

Primary Activity UIC: N60258

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

Costs

8. Labor Rates

8.2 Provide the following actual rates per hour, less direct materials, for your activity for FY 1997. Reproduce the table as necessary to report different rate structures for different functional areas, specifying the functional areas represented in each table.

Table 8.2: **Labor Rates**

Functional Area: Ship Repairs

	Rate ($/Hour)
	FY 1997
Direct Labor Rate	28.54
Production Expense	23.32
Overhead (G&A)	25.24
Fully Burdened Rate	77.10

Table 8.2: **Labor Rates**

Functional Area: ALTs

	Rate ($/Hour)
	FY 1997
Direct Labor Rate	28.55
Production Expense	23.17
Overhead (G&A)	25.24
Fully Burdened Rate	76.96

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UIC: N60258

Table 8.2: **Labor Rates**

Functional Area: Inactivation

	Rate ($/Hour)
	FY 1997
Direct Labor Rate	25.96
Production Expense	19.97
Overhead (G&A)	25.24
Fully Burdened Rate	71.17

Table 8.2: **Labor Rates**

Functional Area: RA/TA

	Rate ($/Hour)
	FY 1997
Direct Labor Rate	27.69
Production Expense	19.09
Overhead (G&A)	25.24
Fully Burdened Rate	72.02

Table 8.2: **Labor Rates**

Functional Area: REFIT

	Rate ($/Hour)
	FY 1997
Direct Labor Rate	26.69
Production Expense	5.75
Overhead (G&A)	25.24
Fully Burdened Rate	57.68

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UIC: N60258

Table 8.2: **Labor Rates**

Functional Area: OPW

	Rate ($/Hour)
	FY 1997
Direct Labor Rate	26.43
Production Expense	6.94
Overhead (G&A)	25.24
Fully Burdened Rate	58.61

Table 8.2: **Labor Rates**

Functional Area: Planning Yard

	Rate ($/Hour)
	FY 1997
Direct Labor Rate	34.60
Production Expense	17.75
Overhead (G&A)	25.24
Fully Burdened Rate	77.59

Table 8.2: **Labor Rates**

Functional Area: Shipyard

	Rate ($/Hour)
	FY 1997
Direct Labor Rate	28.13
Production Expense	16.05
Overhead (G&A)	25.24
Fully Burdened Rate	69.42

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Strategic Concerns

9. Location Factors

9.1 Strategic Location. Specify any special strategic importance or military value consideration of your activity accruing from its geographical location. Include the number of major customer activities located within a 100 mile radius.

Long Beach Naval Shipyard is strategically located in the center of the world's third largest port, (Los Angeles/Long Beach) complex.

- The shipyard is located 81 nautical miles from San Diego, the largest concentration of fleet assets on the West Coast.

- Drydock #1 is the only dock, south of Puget Sound Naval Shipyard, capable of docking CV/CVN's. Drydock #2 and #3 are capable of docking most non-nuclear vessels in the USN inventory.

- The shipyard provides easy, deep water access to the Pacific Ocean. Ships leaving the shipyard have a 10-15 minute sea detail, the shortest of any West Coast port. Maintenance dredging is not required.

- The shipyard is centered in the San Diego Regional Maintenance area, thereby providing rapid mobility for material and personnel to be moved within the region.

- The Defense Fuel Supply pier and tank farm provide handling and storage for 60% of DOD Jet Fuel used in the Pacific.

- The shipyard is located 50 miles from USMC Camp Pendleton, the port would be a major mount out and mobilization outport.

- The shipyard is located 10 miles from NAVWEPSTA Seal Beach, provides easy ammunition on/off load capabilities.

- The shipyard is located at the intermodal connection of major east/west and north/south rail, truck, air and water transportation routes.

- Drydock #1 is the largest dry dock south of Portland, OR, capable of handling large commercial tankers and containerships.

- The LA/LB port complex is expected to become the largest port in the world by the year 2010.

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- The LA/LB ports handle 70% of the West Coast's refined petroleum output.

- The LA/LB Basin provides a major resource pool for skilled workers. Additionally, the industrial base provides ready access to most materials and components necessary for ship repair.

The shipyard is centrally located in Southern California with the following major bases and activities located within 100 miles: San Diego homeported ships and activities at NAVSTA San Diego (32nd Street), Point Loma, and North Island; NADEP North Island; NAF Imperial Beach; NAVSUBASE Point Loma; NAS Miramar; FISC San Diego; DLA San Diego; NAVWEPSTA Corona; NAVWEPSTA Fallbrook; NAB Coronado; NAS North Island; Camp Pendleton; MCAS Tustin; MCAS El Toro; NAVWEPSTA Seal Beach; March AFB; MCLD Barstow; Edwards AFB; George AFB; and Port Hueneme.

Within 150 miles are also located Vandenberg AFB; Fort Irwin National Training Center; MCAS 29 Palms; NAVWEPSTA China Lake; NAS El Centro.

9.2Transportation. List and indicate the distance in road-miles from your activity all Interstate Highways, airports of embarkation, seaports of embarkation, and cargo rail terminals serving your activity.

Distance from LBNSY to Interstate Hwy 710 is 1.5 miles.
Distance from LBNSY to Interstate Hwy 110 is 2.2 miles.
Distance from LBNSY to Interstate Hwy 405 is 6.0 miles.
Distance from LBNSY to L.B. Municipal Airport is 9.5 miles.
Distance from LBNSY to L.A. Int'l Airport is 22 miles.
Distance from LBNSY to Port of L.A. seaport of embarcation is 2.2 miles.
Distance from LBNSY to cargo rail of embarcation is located inside the Terminal Island Naval Complex.

9.3 Rail Network. Is your activity serviced by rail trackage providing direct access to commercial rail network?
Yes.

If not, identify the road miles separating your facility from the nearest railhead access.
Distance = N/A Miles

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9.4 Regional Maintenance Concept. Has your activity been chosen to be a part of the Navy's Regional Maintenance Concept? If so, provide the details as currently known, and list other DON industrial activities (both intermediate and depot level) that are located within a 25 mile range of your activity.

Long Beach Naval Shipyard is part of the San Diego Maintenance Region, as defined by CINCPACFLT msg 270906z May 94. This message only provides geographical regions and tasks COMNAVSURFPAC as lead TYCOM. A RM QMB will be established to develop plans for implementation and management of the RM concept.

Shipyards are not in a position to respond to this item because a definitive shipyard role has not yet been identified. Naval Shipyards are a center point of the Regional Maintenance concept. However, no change in naval shipyards workload has been identified based on the Regional Maintenance concept. The concept has been approved in phases; phase 1 is primarily Intermediate level consolidations.

Included in the San Diego RMC are LBNSY; NADEP North Island; SIMA's at San Diego and Long Beach; AIMD's at NAS's Miramar, North Island, El Toro, Tustin, Fallon, and Lemoore; NAB Coronado (O & R Department); NAVWEPSTA Seal Beach; and PWC's at various bases. Within a 25 mile range of LBNSY are SIMA Long Beach, FISC San Deigo Det. Long Beach and NAVWEPSTA Seal Beach.

Strategic Concerns

10.Natural Inhibitors to Operations

10.1Identify the percent of the planned work schedule at this facility (averaged by month) that was interrupted by local weather or climatic conditions for the period FY 1990-1993 (i.e. what percent of man-days were lost annually, by month, because of hurricanes, tornado, earthquake, blizzard, below freezing temperatures, or other performance-impinging natural conditions?). **None**

Table 10.1.a: **Impact on Operations** (%)

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

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Table10.1.b: **Impact on Operations** (%)

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

10.2 Identify the total number of Direct Labor Man Years (DLMYs) of planned work lost at your facility due to hurricanes, tornadoes, earthquakes, blizzards, below freezing temperatures, or other performance-impinging natural conditions. **None**

Table 10.2: **Impact on Operations** (DLMYs)

	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct-31 Mar)
DLMYs Lost	0	0	0	0

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Strategic Concerns

11. Contingency and Mobilization Features

11.1 Identify the covered and uncovered, storage and industrial space at your activity which is currently surplus to the planned need (your current requirement), expressed in thousands of square feet (K SF).

Table 11.1: **Surplus Storage (Long Beach Naval Shipyard)**

K SF	Covered	Uncovered
Storage	1.66	0
Industrial	1.25	0.73

Table 11.1.a: **Surplus Storage (Naval Station, Long Beach) ***

K SF	Covered	Uncovered
Storage	23.5	0
Industrial	1.6	0

*** Includes NAVSTA LONG BEACH facilities to be transferred to LBNSY on 1 October 1994 as a result of BRAC-91.**

11.2 Identify any additional space in these categories programmed to be available by FY 2001.

None

11.3 Identify the amount of the potentially available other DoD or commercial activity, industrial, space within a one-hour drive of your activity. Include any physical restrictions (e.g. road limitations) that might apply should those facilities be used for facility augmentation or in an emergency.

We are located in a metropolitan area with an immeasurable amount of industrial warehouse space.

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Environment and Encroachment

12. Environmental Considerations

12.1 Identify all environmental restrictions to expansion at your activity.

None

12.2 Describe the undeveloped acreage or waterfront that are available to this activity, including its size, current state, and the amount of development required to make it usable to the industrial facility. Specify any undeveloped acreage that is unique to this activity.

None

12.3 Identify any specific facilities, programs, or capabilities in regard to the handling and disposal of hazardous materials/wastes at this activity.

Nationally recognized California Environmental Laboratory certification for testing of drinking water, hazardous wastes, inorganic chemistry of toxic elements, and industrial wastewater.

Fuels and Petroleum Laboratory Physical testing of new and used petroleum products including spectrographic wear metal analysis.

Fiber Analysis Laboratory Analysis and identification of all natural and man made vitreous fibers.

Transfer Storage and Disposal Facility (TSDF). A fully permitted storage facility for hazardous waste consisting of 8400 square feet and ten storage bays, including PCB and reactive chemical storage. Capacity is 664 55-gallon drums (36,520 gallons).

Industrial Waste Water Treatment Plant (IWTP). Facility is permitted to remove heavy metals from industrial waste water. Storage capacity is 887,500 gallons with a permitted discharge rate of 600,000 gallons per month.

Less than 90 Day Storage Facilities. Eleven RCRA-compliant less than 90 day storage facilities are strategically located throughout the shipyard. These facilities are used to store hazardous waste in 55-gallon (or smaller) drums prior to transfer to the TSDF.

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Less than 60 Day Tank Farm. The tank farm storage area is used for the storage of large portable tanks which collect hazardous waste.

Less than 180 Day Battery Storage Area. This area is used to store spent batteries prior to disposal or recycling.

Milcon P-224Proposed FY-97 project to provide a central facility for containment and control of hazardous and flammable materials for use within the production shops.

Asbestos Facility. Less than 90 day storage facility supported with personnel trained in the identification, removal, segregating and disposal of asbestos containing material (ACM).

Environmental Response Van fully equipped and staffed by trained personnel capable of responding to a Level "A" emergency response.

U.S.C.G. Trailers. Four forty-foot self contained fully equipped trailers with containment and recovery equipment to provide immediate response to oil spills in the harbor.

Water/Trash SkimmerHarbor Trash Collection Boat (HTCB) is designed to harvest trash and debris from the water, separate out the water, and on-load the trash and debris into portable containers for disposal.

Oil Skimmer. The self propelled Dynamic Inclined Oil Skimmer is designed to harvest oil and sorbents from the surface of the water, pump the harvested products into on-board storage tanks for collection and disposal.

Oil/Water Separator Facility. This facility is used to recycle waste fuel from ships for resale and use in diesel driven equipment at LBNSY.

Hazardous Material Management Program: Hazardous Materials (HM) at Long Beach Naval Shipyard (LBNSY) are managed and controlled in accordance with OPNAVINST 4110.2 and NAVSHIPYDLBEACHINST 4110.1. In order to comply with EPCRA requirements and in attemp to establish a consistent method shipyard-wide for tracking HM, Code 106 developed a record logbook for tracking HM quantities. This was meant to assist shop personnel in tracking inventory and usage amounts of HM. This initiative was also meant to establish controls to assist in minimizing the amounts of HM that are purchased and used within our facility.

Toxic Release Inventory Control Program: A positive control system (receipt control, log in/log out, use records) combined with individual employee accountability (badge number recording) has resulted in a clearer picture of hazardous material flow and used in the shipyard. To maintain an accurate for the shipyard, shop personnel were instructed on how to maintain accurate and consistent inventory records. This information is collected by shop and is use for submission of Toxic Release Inventory (TRI) reports.

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Hazardous Waste Management: LBNSY has a unique EPA generator I.D. number. We generate in excess of 36,000 tons of hazardous waste (hw) each year. Our formal hazardous wasted management program deals with listed and regulated wastes, the majority of the waste is wastewater with oils and/or metals coming from ships. The shipyard maintains two large hw permitted facilities. One is a Transfer, Storage and Disposal Facility which can store hw for up to one year on site. The other is a Industrial Wastewater Treatement Plant capable of treating wastewaters with metals. We have thirteen less than 90 day storage areas and over 150 satellite accumulation points. Over 200 employees have been fully trained as hw handlers and coordinators.

Underground Storage Tank (UST) Program: The Underground Storage Tank Program is managed and controlled in accordance with California Code of Regulations Title 23 and Health and Safety Code Division 20. The LIA (Local Implementing Agency) is the Long Beach Fire Department. Twenty non-compliant USTs have been removed. The tank removal design has been completed for four tanks deleted from the original removal contract. All remaining active tanks are programmed for removal or replacement with either above ground tanks or double walled tanks. All active tanks are monitored in accordance with the approved monitoring plan and are integrity tested annually.

Polychlorinated bi-phenols (PCB) Program: Our formal PCB management program is managed, controlled and addresses all PCB containing materials and equipments. A major facility-wide electrical systems upgrade will result in the complete removal and disposal of utilities/electrical components containing PCB materials. In addition, shipboard gasket materials and equipments which may contain PCB's are rapidly analyzed at LBNSY's state of California certified environmental laboratory down to the lowest detection levels equiped for treatment disposal.

13. Encroachment Considerations

13.1 Identify any ground, industrial noise, approach channel, waterway, harbor, bridge height, turning basin, ESQD, HERO, airspace or other encroachments of record at your activity. **None**

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Table 13.1: **Encroachments of Record**

Encroachments	Date Recorded	Current Status
None		

Customer Support

14. Customer Support

14.1 Homeport Proximity. Identify the distance, by road-miles and by water, to the two closest fleet homeport concentrations.

Table 14.1: **Homeport Proximity**

Homeport	Distance	
	Road (Miles)	Water (NM)
San Diego to Long Beach	110	81
Everett, Wash to Long Beach	1185	1135

Note: NAVSTA Long Beach and NAVSTA San Fran were excluded from this table based on closure action as a result of BRAC 91-93.

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14.2 Billeting. Identify the billeting support provided to the crews of ships undergoing work at your activity. Provide the total number of individuals within each category for the period requested.

Table 14.2: **Billeting Support**

	FY 1991	FY 1992	FY 1993	FY 1994 (01 Oct-31 Mar)
Berthed on Barges	2628	3302	3103	0
Retained onboard own vessel	496	0	1734	1368
Billeted ashore (Homeport/own quarters)	111	275	786	327
Billeted ashore (BQs maintained by your activity) See note #3	865	821	703	1185
Total	4100	4398	6326	2880

Quality of Life

15. Military Housing - Family Housing - Note: LBNSY currently receives housing support from NAVSTA Long Beach. LBNSY will assume operation/maintenance responsibility effective 10/1/94 as a result of NAVSTA closure due to BRAC-91.

15.1 Do you have mandatory assignment to on-base housing? **No.**

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

Table 15.2: **Available Military Family Housing**

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	48	48		
Officer	3	50	50		
Officer	2	4	4		
Enlisted	4+	104	104		
Enlisted	3	291	291		
Enlisted	1 or 2	536	536		
Mobile Homes		0			
Mobile Home lots		0			

15.3 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. **N/A**

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?

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15. Military Housing - Family Housing, continued

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

Table 15.4: **Military Housing Waiting List**

Pay Grade	Number of Bedrooms	Number on List*	Average Wait
0-6 **	1	N/A	
	2	N/A	
	3	N/A	
	4+	1	0-1 Mo.
0-4/5	1	N/A	
	2	N/A	
	3	3	2-3 Mo.
	4+	2	2-3 Mo.
0-1/2/3/CWO	1	N/A	
	2	4	1-2 Mo.
	3	2	1-2 Mo.
	4+	0	2-3 Mo.
E7-E9	1	N/A	
	2	N/A	
	3	17	0-1 Mo.
	4+	10	2-4 Mo.
E1-E6	1	N/A	
	2	18	0-1 Mo.
	3	17	0-1 Mo.
	4+	15	2-4 Mo.

*** N/A = no units of that bedroom size or rank eligible for larger unit**

**** 06 is assigned 4 bedroom or larger because of rank**

R

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15. Military Housing - Family Housing, continued

15.5 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 15.5: Housing Demand Factors

	Top Five Factors Driving the Demand for Base Housing
1	Proximity to Naval Activity
2	High cost of civilian housing (rent)
3	Lack of civilian housing near Naval Activity
4	Higher security in military housing
5	No additional fee for utilities in military housing

15.6 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 R %

15.7 Provide the utilization rate for family housing for FY 1993. Overall: 91%

Table 15.7: Family Housing Utilization

Type of Quarters	Utilization Rate (%)
Adequate	94%
Substandard	78%
Inadequate	N/A

15.8 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?

966 units closed with 140 additionally scheduled to close before end of FY 94 as a part of BRAC 91 NAVSTA closure. Occupancy rate is deliberately low to allow for closure of additional units. After all scheduled units are closed and the occupants are relocated, the remaining unit occupancy is expected to exceed 99%.

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15. Military Housing - Family Housing, continued

15.5 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 15.5: **Housing Demand Factors**

	Top Five Factors Driving the Demand for Base Housing
1	Proximity to Naval Activity
2	High cost of civilian housing (rent)
3	Lack of civilian housing near Naval Activity
4	Higher security in military housing
5	No additional fee for utilities in military housing

15.6 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)?

15.6 %

15.7 Provide the utilization rate for family housing for FY 1993. **Overall: 91%**

Table 15.7: **Family Housing Utilization**

Type of Quarters	Utilization Rate (%)
Adequate	94%
Substandard	78%
Inadequate	N/A

15.8 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?

966 units closed with 140 additionally scheduled to close before end of FY 94 as a part of BRAC 91 NAVSTA closure. Occupancy rate is deliberately low to allow for closure of additional units. After all scheduled units are closed and the occupants are relocated, the remaining unit occupancy is expected to exceed 99%.

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Quality of Life

16. Military Housing -- Bachelor Quarters - Note: LBNSY currently receives housing support from NAVSTA Long Beach. LBNSY will assume operation/maintenance responsibility effective 10/1/94 as a result of NAVSTA closure due to BRAC-91.

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

Table 16.1: BEQ Utilization

Type of Quarters	Utilization Rate
Adequate	67 R%
Substandard	0
Inadequate	0

16.2 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?

Yes. Increase in occupancy due to the change in policy regarding utilization of berthing barges.

Overall occupancy rate is 80%. Reason for vacancy rate greater than 5% is decrease in the requirement for transient berthing due to closure of surrounding activities.

16.3 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 = 811 R

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Quality of Life

16. Military Housing - Bachelor Quarters - Note: LBNSY currently receives housing support from NAVSTA Long Beach. LBNSY will assume operation/maintenance responsibility effective 10/1/94 as a result of NAVSTA closure due to BRAC-91.

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

Table 16.1: **BEQ Utilization**

Type of Quarters	Utilization Rate
Adequate	66%
Substandard	0
Inadequate	0

16.2 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?

Yes. Increase in occupancy due to the change in policy regarding utilization of berthing barges.

Overall occupancy rate is 80%. Reason for vacancy rate greater than 5% is decrease in the requirement for transient berthing due to closure of surrounding activities.

16.3 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 = 104

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

Table 16.4: Reasons for Geographic Separation (BEQ)

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	55 R	73.3 R	(1), (2) R
Spouse Employment (non-military)	1 R	1.3 R	(3) R
Other	19 R	25.3 R	(4), (5), (6), (7), (8), (9) R
TOTAL	75 R	100 %	

(1) Family resides in another city/county/state. 36 R
(2) Family Decision 19 R
(3) Spouse attending school in another area. 1 R
(4) Retiring, residence out of area. 3 R
(5) Personal Convenience 7 R
(6) Command Transfering to another state. 3 R
(7) Family Problems 3 R
(8) Hardship (Medical) 1 R
(9) Non Hardship (Medical) 2 R

16.5 How many enlisted Geographic Bachelors (GB) do not live on base?

GB Off-Base = 10

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

Table 16.4: **Reasons for Geographic Separation (BEQ)**

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	102	84	
Spouse Employment (non-military)	20	16	Many own homes in location of spouse empl.
Other			
TOTAL	122	100 %	

16.5 How many enlisted Geographic Bachelors (GB) do not live on base?

GB Off-Base = 10

R

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16. Military Housing - Bachelor Quarters, continued

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

Table 16.6: BOQ Utilization

Type of Quarters	Utilization Rate
Adequate	100%
Substandard	0
Inadequate	0

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

No.

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

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

AOB = 37 R

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

Table 16.9: Reasons for Geographic Separation (BOQ)

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	11	100	(1) R
Spouse Employment (non-military)	0	0	
Other	0 R	0 R	
TOTAL	11	100	

(1) Families live in another city/county/state. R

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

GB Off-Base = 1

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16. Military Housing - Bachelor Quarters, continued

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

Table 16.6: **BOQ Utilization**

Type of Quarters	Utilization Rate
Adequate	100%
Substandard	0
Inadequate	0

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

No.

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

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

AOB = 10.2

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

Table 16.9: **Reasons for Geographic Separation (BOQ)**

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	11	100	mostly financial
Spouse Employment (non-military)	0	0	
Other			
TOTAL	11	100	

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

GB Off-Base = 1

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Quality of Life

17. MWR Facilities

NOTE: LBNSY will assume MWR operation/maintenance responsibility effective 1 October 1994 as a result of NAVSTA closure due to BRAC-91.

17.1 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 Los Alamitos (Golf Course) DISTANCE 15 Miles

Table 17.1.a: **MWR Facilities Summary**

Facility	Unit of Measure	Total	Profitable (Y / N / N/A)
Auto Hobby	Indoor Bays	None	
	Outdoor Bays	None	
Arts / Crafts	SF	None	
Wood Hobby	SF	None	
Bowling	Lanes	32	Y
Enlisted Club	SF	63061	Y
Officers Club	SF	None	N/A
Library	SF	8562	N/A
Library	Books	30,000	N/A
Theater	Seats	72	N
ITT	SF	236	N
Museum / Memorial	SF	None	
Pool (indoor)	Lanes	None	

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Facility	Unit of Measure	Total	Profitable (Y / N / N/A)
Pool (outdoor)	Lanes	6	N/A
Beach	LF	None	
Swimming Ponds	Each	None	
Tennis Court	Each	None	N/A

17. MWR Facilities, continued

Table 17.1.b: **MWR Facilities Summary**

Facility	Unit of Measure	Total	Profitable (Y / N / N/A)
Volleyball court (outdoor)	Each	None	N/A
Basketball court (outdoor)	Each	1	N/A
Racquetball court	Each	5	N/A
Golf Course	Holes	27	Y
Driving Range	Tee Boxes	21	Y
Gymnasium	SF	26,976	N/A
Fitness Center	SF	25,665	N/A
Marina	Berths	352	Y
Stables	Stalls	None	N/A
Softball Field	Each	4	N/A
Football Field	Each	None	N/A
Soccer Field	Each	None	N/A
Youth Center	SF	6576	N/A
Outdoor Equipment Center	SF	1800	N/A

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17.2 Is your library part of a regional interlibrary loan program?

No.

Quality of Life

18. Base Family Support Facilities and Programs

NOTE: LBNSY will assume operation/maintenance responsibility effective 1 October 1994 as a result of NAVSTA closure due to BRAC-91.

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

Table 18.1: **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*	8	468	N/A	N/A	50	120
12-24 Months	20	980	N/A	N/A	41	120
24-36 Months	28	1424	N/A	N/A	24	90
3-5 Years	44	1447	N/A	N/A	22	90

*** Data available for 0-12 months.**

18.2 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: **N/A**

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?

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18. Base Family Support Facilities and Programs, continued

18.3 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.

Referral agencies are available and recommended.

18.4 How many "certified home care providers" are registered at your base? # = 16

18.5 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).

Fort MacArthur Los Angeles Air Force Base (AFB) Annex: 60 children, 6 mos - 5 yrs
Los Angeles AFB; 54 children, 6 wks - 5 yrs

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18. Base Family Support Facilities and Programs, continued

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

Table 18.6: **Available Services**

Service	Unit of Measure	Quantity
Exchange	SF	118,029
Gas Station	SF	1,330
Auto Repair	SF	2,958
Auto Parts Store	SF	7,331
Commissary	SF	50,875
Mini-Mart	SF	4100-Seal Beach 2800-San Pedro
Package Store	SF	None
Fast Food Restaurants	Each	1
Bank/Credit Union	Each	2
Family Service Center	SF	4228
Laundromat	SF	792
Dry Cleaners	Each	1
ARC	PN	None
Chapel	PN	250
FSC Classroom/Auditorium	PN	26/47

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19. Metropolitan Areas

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

Table 19.1: **Proximate Metropolitan Areas**

City	Distance (Miles)
Long Beach	5
Los Angeles*	25
Carson	10

Note: The City of Los Angeles (LA) is a city of communities. There are 75 community names recognized by the city. The distance from L.A. to the shipyard ranges from approx. 4 mi to approx. 48 mi.

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Quality of Life

20. VHA Rates

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

Table 20.1: **VHA Rates**

Paygrade	With Dependents	Without Dependents
E1	325.94	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	435.34
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

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O5	612.43	506.48
O6	567.37	469.62
O7	574.79	467.01

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Quality of Life

21. Off-base Housing Rental and Purchase

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

Table 21.1: **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

R

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

Table 21.2: Rental Occupancy Rate

Type Rental	Occupancy Rate (%)
Efficiency	91.6 R%
Apartment (1-2 Bedroom)	91.6 R%
Apartment (3+ Bedroom)	91.6 R%
Single Family Home (3 Bedroom)	91.6 R%
Single Family Home (4+ Bedroom)	91.6 R%
Town House (2 Bedroom)	91.6 R%
Town House (3+ Bedroom)	91.6 R%
Condominium (2 Bedroom)	91.6 R%
Condominium (3+ Bedroom)	91.6 R%

Note: There is no breakdown of rental occupancy rate by dwelling type. However, the cummulative vacancy rate is available and is computed at 9.5% by the U.S. Dept of Commerce (1993 Annual Statistic)

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

Table 21.2: **Rental Occupancy Rate**

Type Rental	Occupancy Rate (%)
Efficiency	90.5%
Apartment (1-2 Bedroom)	90.5%
Apartment (3+ Bedroom)	90.5%
Single Family Home (3 Bedroom)	90.5%
Single Family Home (4+ Bedroom)	90.5%
Town House (2 Bedroom)	90.5%
Town House (3+ Bedroom)	90.5%
Condominium (2 Bedroom)	90.5%
Condominium (3+ Bedroom)	90.5%

Note: There is no breakdown of rental occupancy rate by dwelling type. However, the cummulative vacancy rate is available and is computed at 9.5% by the U.S. Dept of Commerce (1993 Annual Statistic)

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21. Off-base Housing Rental and Purchase, continued

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

Table 21.3: **Regional Home Costs**

Type of Home	Median Cost ($ K)
Single Family Home (3 Bedroom)	160
Single Family Home (4+ Bedroom)	170
Town House (2 Bedroom)	140
Town House (3+ Bedroom)	145
Condominium (2 Bedroom)	150
Condominium (3+ Bedroom)	155

21.4 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 21.4: **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

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21. Off-base Housing Rental and Purchase, continued

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

High Average income in Los Angeles County.
Locality Desirability.
High land values.

22. Sea-Shore Opportunities

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

Table 22.1: **Sea Shore Opportunities**

Rating	# Sea Billets in Local Area*	# Shore Billets in Local Area**
MM	79	8
BM	96	8
EM	69	7
HT	33	6
BT	59	4

***Note: Sea billets are based on ships in the area for overhaul (e.g., USS TARAWA, USS FORD, USS INGRAHAM, USS DAVID R. RAY and USS WABASH).**

****Note: These numbers are the total authorized shore billets for SIMA Det, SUPSHIP, and LBNSY.**

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23. Commuting Distances

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

Table 23.1: **Commuting Distances**

Location	% Employees	Distance (Miles)	Time (Minutes)
Long Beach	27.7	5	8
Los Angeles*	15.0	25	45
Carson	7.3	10	20
Compton	4.2	14	25
Lakewood	4.2	8	15

***Note: The City of Los Angeles (LA) is a city of communities. There are 75 community names recognized by the city. The distance from LA to the shipyard ranges from approx 4 miles to approximately 48 miles.**

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24. 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 sites) and their dependents.

24.1 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 24.1: **Educational Opportunities**

Institution	Type	Grade Level(s)	Special Education Available	Annual Enrollment **Cost/Student**	SAT/ ACT Score	% HS to College	Source of Info
San Pedro High	Pub	10-12	Yes	0	840/21.5	75	School
Huntington Beach High	Pub	9-12	Yes	0	981/23.6	75	H.B. Union School Dist. Ofc.
Los Alamitos High	Pub	9-12	Yes	0	1004/23.9	54	School
Dana Junior High	Pub	7-9	Yes	0	N/A	N/A	School
Dodson Junior High	Pub	7-9	Yes	0	N/A	N/A	School
White's Point Elementary	Pub	K-6	Yes	0	N/A	N/A	School
Taper Avenue Elementary	Pub	K-6	Yes	0	N/A	N/A	School

See note on next page.

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The above seven listed schools were selected based on their proximity to military housing and because they are the ones which the majority of military dependents attend.

In addition, since Los Angeles is a large metropolitan area, there are a total of 415 elementary schools, 72 junior high schools, 48 senior high schools, 44 continuation schools, 14 opportunity schools and centers, 18 schools for handicapped, and 95 magnet schools and centers in the L.A. Unified School District alone. Orange County School District provides 340 elementary schools, 71 middle schools, 58 senior high schools, 15 continuation schools, and 23 alternative education schools.

***Sources: Los Angeles County Office of Education**
Orange County Department of Education
California Department of Education

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24. Regional Educational Opportunities, continued

24.2 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 24.2: **Off-Base Educational Programs**

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Long Beach Adult School	Day X	X				
	Night					
Long Beach Community Service Ctr	Day X	X			X	
	Night					
Sommerset (Bellflower)	Day X	X				
	Night					
Cal State Long Beach	Day X		X	X	X	X
	Night X		X	X	X	X
Long Beach City College	Day X		X	X	X	(Assoc Degree Only)
	Night X		X	X	X	
Cal State Dominguez Hills	Day X			X	X	X
	Night X			X	X	X

Note: The above listed schools were selected based on their accessibility to service members and their adult dependents. Since Los Angeles is a large metropolitan area, they represent only a small sample of the institutes in the immediate vicinity. In addition to the above 26 community adult schools and 11 vocational occupational centers in the L.A. Unified School District alone. There are also 22 community colleges and 36 public and private four year colleges and universities in the Los Angeles County.

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24. Regional Educational Opportunities, continued

24.3 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 24.3: **On-Base Educational Programs**

Institution	Type Classes	Program Type				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Chapman University	Day					
	Night	No	No	Yes	Yes	Yes
	Corres-pondence					

Quality of Life

25. Spousal Employment Opportunities

25.1 Provide the following data on spousal employment opportunities.

Table 25.1: **Spouse Employment**

Skill Level	# Military Spouses Serviced by FSC Spouse Employment Assistance			Local Community Unemployment Rate (%)
	FY 1991	FY 1992	FY 1993	
Professional				
Manufacturing				
Clerical				
Service				
Other (All)	102	240	162	9.9%

Note: Los Angeles County Office of Economic Development does not break out skill level of unemployed. Percentage of unemployed as of April 1994.

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26. Medical / Dental Care

26.1 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 difficulty in military or civilian health care system due to onboard NAVMEDCLINIC capability and effective referral service (consults and supplemental care referrals to NAVHOSP, CAMP PENDLETON, NAVHOSP San Diego, Long Beach VA Hospital and 198 local civilian medical facilities (formal agreements with 5). For after hours care - military personnel utilize the VA Hospital or local civilian medical facilities for immediate or emergency care. Onboard full service dental care.

26.2 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.

Limited access to military medical care on base - Pharmacy is available to all categories of beneficiaries; no access to military dental; access to NAVCARE facility at Tustin CA, located 35 miles from base.

Health benefits advisors (NAVMEDCLINIC Staff) and TRICARE Service Center Counselors are located within base at NAVMEDCLINIC. They provide information to all beneficiaries on medical benefits and how/where to obtain care.

Access to copious supply of full-service civilian medical and dental care providers through TRICARE system, Medicare, private insurance and referral to other military treatment's facility and Uniformed Services Active Duty Dependents Dental Plan.

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Quality of Life
27. Crime Rate
27.1 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 27.1.a: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
1. Arson (6A)	13	10	9
Base Personnel - military	7	6	3
Base Personnel - civilian	2	1	0
Off Base Personnel - military	4	3	6
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	3
Base Personnel - military	0	0	2
Base Personnel - civilian			
Off Base Personnel - military	0	0	1
Off Base Personnel - civilian			

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27. Crime Rate, continued

Table 27.1.b: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
5. Customs (6M)	1	0	0
Base Personnel - military	1	0	0
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
6. Burglary (6N)	127	89	105
Base Personnel - military	30	32	22
Base Personnel - civilian	38	19	42
Off Base Personnel - military	19	27	25
Off Base Personnel - civilian	40	11	16
7. Larceny - Ordnance (6R)	0	1	0
Base Personnel - military			
Base Personnel - civilian	0	1	0
Off Base Personnel - military			
Off Base Personnel - civilian			
8. Larceny - Government (6S)	339	300	225
Base Personnel - military	58	44	43
Base Personnel - civilian	265	236	168
Off Base Personnel - military	10	14	12
Off Base Personnel - civilian	6	6	2

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27. Crime Rate, continued

Table 27.1.c: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)	291	256	188
Base Personnel - military	51	64	47
Base Personnel - civilian	146	108	106
Off Base Personnel - military	55	38	17
Off Base Personnel - civilian	39	46	18
10. Wrongful Destruction (6U)	349	444	354
Base Personnel - military	77	141	170
Base Personnel - civilian	172	172	90
Off Base Personnel - military	41	66	55
Off Base Personnel - civilian	59	65	39
11. Larceny - Vehicle (6V)	33	37	25
Base Personnel - military	11	14	11
Base Personnel - civilian	15	11	5
Off Base Personnel - military	7	9	9
Off Base Personnel - civilian	0	3	0
12. Bomb Threat (7B)	45	57	55
Base Personnel - military	16	13	20
Base Personnel - civilian	24	11	7
Off Base Personnel - military	5	20	23
Off Base Personnel - civilian	0	13	5

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27. Crime Rate, continued

Table 27.1.d: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)	0	1	0
Base Personnel - military			
Base Personnel - civilian		1	
Off Base Personnel - military			
Off Base Personnel - civilian			
14. Assault (7G)	177	141	119
Base Personnel - military	44	25	24
Base Personnel - civilian	50	31	35
Off Base Personnel - military	51	49	32
Off Base Personnel - civilian	32	36	28
15. Death (7H)	4	2	0
Base Personnel - military	2	1	0
Base Personnel - civilian			
Off Base Personnel - military	2	1	0
Off Base Personnel - civilian			
16. Kidnapping (7K)	2	0	2
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military	2	0	2
Off Base Personnel - civilian			

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27. Crime Rate, continued

Table 27.1.e: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)	33	35	34
Base Personnel - military	9	8	11
Base Personnel - civilian	9	13	11
Off Base Personnel - military	9	13	9
Off Base Personnel - civilian	6	1	3
19. Perjury (7P)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			
20. Robbery (7R)	5	4	2
Base Personnel - military	2	2	0
Base Personnel - civilian			
Off Base Personnel - military	3	2	2
Off Base Personnel - civilian			
21. Traffic Accident (7T)	455	266	475
Base Personnel - military	115	89	181
Base Personnel - civilian	142	148	196
Off Base Personnel - military	50	53	32
Off Base Personnel - civilian	148	93	66

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27. Crime Rate, continued

Table 27.1.f: **Local Crime Rate**

Crime Definitions	FY 1991	FY 1992	FY 1993
22. Sex Abuse - Child (8B)	2	4	2
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military	2	4	2
Off Base Personnel - civilian			
23. Indecent Assault (8D)	2	2	7
Base Personnel - military	1	1	3
Base Personnel - civilian			
Off Base Personnel - military	1	1	4
Off Base Personnel - civilian			
24. Rape (8F)	3	9	5
Base Personnel - military	0	2	1
Base Personnel - civilian			
Off Base Personnel - military	3	7	4
Off Base Personnel - civilian			
25. Sodomy (8G)	0	0	0
Base Personnel - military			
Base Personnel - civilian			
Off Base Personnel - military			
Off Base Personnel - civilian			

Document Separator

23 June 1994

DATA CALL FOR MILITARY VALUE ANALYSES
for
NAVAL SHIPYARDS and NAVAL SHIP REPAIR FACILITY

Supplement

TAB A: TECHNICAL OPERATIONS

FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

TAB B: SPECIAL FACILITIES AND EQUIPMENT

FACILITIES/EQUIPMENT CAPABILITY FORM

APPENDIX A:

I. FUNCTIONAL SUPPORT AREAS (PRODUCTS)
II. LIFE-CYCLE WORK AREAS

APPENDIX B:

I. FUNCTIONAL SUPPORT AREA DEFINITIONS
II. LIFE-CYCLE WORK AREA DEFINITIONS

ACTIVITY: **Long Beach Naval Shipyard**
UIC: **N60258**

TAB A: TECHNICAL OPERATIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

INSTRUCTIONS FOR TAB A

1. Use Tables 1.a-1.h to identify the Functional Areas in which your facility performs work for the listed functional support areas (products). Appendices A and B define/describe the products and functional areas used in these Tables.

2. Complete the Tables for all categories and all products provided in this Tab.

3. In completing Tab A, provide Direct Labor Man Years of "work years" for DBOF activities.

R

ACTIVITY: Long Beach Naval Shipyard
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TAB A: Table 1.a: TECHNICAL WORKLOAD MATRIX / FUNCTIONAL AREAS

PRODUCTS	Basic Research	Explor. Devel.	Adv. Devel.	Engr & Mfg Devel	RDT&E Mgt Support	Op Sys Support	Produc-tion	Accep-tance Testing	Moder-nization
1 Platforms									
1.1 UnderSea									
1.2 Aircraft									
1.3 Surface Ship									587 * (R)
1.4 Space Satellites									
1.5 Ground Vehicles									
2 Weapons Systems									
2.1 Gun Systems									71 *
2.2 Guided Missiles									
2.3 Freefall Weapons & Rockets									
2.4 Torpedoes									
2.5 Mines									
2.6 Directed Energy Systems									
2.7 Explosives									
2.8 Launchers									16 *
2.9 Fire Control									32 *
2.10 Wpns Data Links									11
2.11 Weapons Fuzing									
2.12 Wpns Propulsion									
2.13 Other Ordnance									
3. Combat Systems Integration									
3.1 Subsurface									
3.2 Air									
3.3 Surface									
3.4 Multiplatform									

* Includes expanded planning yard direct labor.
(R) – Indicates revised number as of 25 July '94.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: Table 1.a: **TECHNICAL WORKLOAD MATRIX / FUNCTIONAL AREAS**

PRODUCTS	Basic Research	Explor. Devel.	Adv. Devel.	Engr & Mnfg. Devel	RDT&E Mngt Support	Op Sys Support	Production	Acceptance Testing	Modernization
1. Platforms									
1.1 UnderSea									
1.2 Aircraft									
1.3 Surface Ship									608 *
1.4 Space Satellites									
1.5 Ground Vehicles									
2. Weapons Systems									
2.1 Gun Systems									71 *
2.2 Guided Missiles									
2.3 Freefall Weapons & Rockets									
2.4 Torpedoes									
2.5 Mines									
2.6 Directed Energy Systems									
2.7 Explosives									
2.8 Launchers									16 *
2.9 Fire Control									32 *
2.10 Wpns Data Links									11
2.11 Weapons Fuzing									
2.12 Wpns Propulsion									
2.13 Other Ordnance									
3. Combat Systems Integration									
3.1 Subsurface									
3.2 Air									
3.3 Surface									
3.4 Multiplatform									

* **Includes expanded planning yard direct labor.**

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: Table 1.b: TECHNICAL WORKLOAD MATRIX / FUNCTIONAL AREAS

PRODUCTS	Program Support	Sched. Maint.	Repair	Testing	In Serv. Engr.	Program Support	Retire-ment	Trng/ Ops Spt	Sim. Model/ Anlys
1. Platforms									
1.1 UnderSea									
1.2 Aircraft									
1.3 Surface Ship			845(R)	1 *					
1.4 Space Satellites									
1.5 Ground Vehicles									
2. Weapons Systems									
2.1 Gun Systems			13						
2.2 Guided Missiles									
2.3 Freefall Weapons & Rockets									
2.4 Torpedoes									
2.5 Mines									
2.6 Directed Energy Systems									
2.7 Explosives									
2.8 Launchers			6						
2.9 Fire Control			6						
2.10 Wpns Data Links			2						
2.11 Weapons Fuzing									
2.12 Wpns Propulsion									
2.13 Other Ordnance									
3. Combat Systems Integration									
3.1 Subsurface									
3.2 Air									
3.3 Surface									
3.4 Multiplatform									

* Includes expanded planning yard direct labor.
(R) - Indicates revised number as of 25 July '94.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: Table 1.b: TECHNICAL WORKLOAD MATRIX / FUNCTIONAL AREAS

PRODUCTS	Program Support	Sched. Maint.	Repair	Testing	In Serv. Engr.	Program Support	Retire-ment	Trng/ Ops Spt	Sim. Model/ Anlys
1. Platforms									
1.1 UnderSea									
1.2 Aircraft									
1.3 Surface Ship			874	1 *					
1.4 Space Satellites									
1.5 Ground Vehicles									
2. Weapons Systems									
2.1 Gun Systems			13						
2.2 Guided Missiles									
2.3 Freefall Weapons & Rockets									
2.4 Torpedoes									
2.5 Mines									
2.6 Directed Energy Systems									
2.7 Explosives									
2.8 Launchers			6						
2.9 Fire Control			6						
2.10 Wpns Data Links			2						
2.11 Weapons Fuzing									
2.12 Wpns Propulsion									
2.13 Other Ordnance									
3. Combat Systems Integration									
3.1 Subsurface									
3.2 Air									
3.3 Surface									
3.4 Multiplatform									

* **Includes expanded planning yard direct labor.**

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: Table 1.c: TECHNICAL WORKLOAD MATRIX / FUNCTIONAL AREAS

PRODUCTS	Basic Research	Explor. Devel.	Adv. Devel.	Engr & Mnfg. Devel	RDT&E Mngt Support	Op Sys Support	Prod uc-tion	Accep-tance Testing	Moder-nization
4. Special Ops Spt									
4.1 Landing Force Eqmt & Systems									
4.2 Coastal/Special Warfare Support									
5. Sensors & Surveillance Sys									
5.1 Sonars Systems									93 *
5.2 Radar Systems									6 *
5.3 Special Sensors									1 *
5.4 Space Sensor / Surveillance Sys									
5.5 Ocean Surv.									
6. Navigation									
6.1 Sub. Nav. Sys									
6.2 Aircraft Nav. Sys									
6.3 Surf. Ship Nav.									1
6.4 Wpns Nav. Sys									
6.5 Satellite Nav. Sys									
7. C^3I									
7.1 Submarine									
7.2 Airborne									
7.3 Shipboard									6
7.4 Land-Based									
7.5 Space Comm Sys									
7.6 Non-Tact Data									2 *
7.7 Air Traffic Cntrl									
7.8 Intel Info Sys									

*** Includes expanded planning yard direct labor.**

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: Table 1.d: **TECHNICAL WORKLOAD MATRIX / FUNCTIONAL AREAS**

PRODUCTS	Program Support	Sched. Maint.	Repair	Testing	In Serv. Engr.	Program Support	Retire-ment	Trng/ Ops Spt	Sim. Model/ Anlys
4. Special Ops Spt									
4.1 Landing Force Eqmt & Systems									
4.2 Coastal/Special Warfare Support									
5. Sensors & Surveillance Sys									
5.1 Sonars Systems			5						
5.2 Radar Systems			27						
5.3 Special Sensors									
5.4 Space Sensor / Surveillance Sys									
5.5 Ocean Surv.									
6. Navigation									
6.1 Sub. Nav. Sys									
6.2 Aircraft Nav. Sys									
6.3 Surf. Ship Nav.			10						
6.4 Wpns Nav. Sys									
6.5 Satellite Nav. Sys			1						
7. C^3I									
7.1 Submarine									
7.2 Airborne									
7.3 Shipboard			16						
7.4 Land-Based									
7.5 Space Comm Sys									
7.6 Non-Tact Data			1						
7.7 Air Traffic Cntrl									
7.8 Intel Info Sys			2						

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: Table 1.e: **TECHNICAL WORKLOAD MATRIX / FUNCTIONAL AREAS**

PRODUCTS	Basic Research	Explor. Devel.	Adv. Devel.	Engr & Mnfg. Devel	RDT&E Mngt Support	Op Sys Support	Produc-tion	Accep-tance Testing	Moder-nization
8. Defense Systems									
8.1 Ballistic Msl Def									
8.2 Countermeasures									11 *
8.3 Electronic Warfare									47 *
9. Strategic Programs									
9.1 Navy Strategic Sys									
9.2 Nuc Wpns/Effects									
10. Gen Mission Spt									
10.1 Personnel/Training									
Sub related Trng Sys									
Air related Trng Sys									
Surf related Trng Sys									
Wpn related Trng Sys									
Human Resrc R&D									
10.2 Log Plng/Implem.									54 *
10.3 Fac Engineering									
10.4 Diving, Salv, O.E.									
10.5 Env Dscrp/Pred									
10.6 Crew Eqmt/ Life Spt									
Submarine									
Aircraft									
Surface Ship									18 *
Med Resr/Cmb Cslty									
Clothing and Textiles									
10.7 Range Dev & Ops									
10.8 Other Subsid Sys									
10.9 Miss/Func Spt									

*** Includes expanded planning yard direct labor.**

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: Table 1.f: TECHNICAL WORKLOAD MATRIX / FUNCTIONAL AREAS

PRODUCTS	Program Support	Sched. Maint.	Repair	Testing	In Serv. Engr.	Program Support	Retire-ment	Trng/ Ops Spt	Sim. Model/ Anlys
8. Defense Systems									
8.1 Ballistic Msl Def									
8.2 Countermeasures			1						
8.3 Electronic Warfare			5						
9. Strategic Programs									
9.1 Navy Strategic Sys									
9.2 Nuc Wpns/Effects									
10. Gen Mission Spt									
10.1 Personnel/Training									
Sub related Trng Sys									
Air related Trng Sys									
Surf related Trng Sys									
Wpn related Trng Sys									
Human Resrc R&D									
10.2 Log Plng/Implem.									
10.3 Fac Engineering						63			
10.4 Diving, Salv, O.E.									
10.5 Env Dscrp/Pred									
10.6 Crew Eqmt/ Life Spt									
Submarine									
Aircraft									
Surface Ship									
Med Resr/Cmb Cslty									
Clothing and Textiles									
10.7 Range Dev & Ops									
10.8 Other Subsid Sys			13						
10.9 Miss/Func Spt		255							

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: Table 1.g: **TECHNICAL WORKLOAD MATRIX / FUNCTIONAL AREAS**

PRODUCTS	Basic Research	Explor. Devel.	Adv. Devel.	Engr & Mnfg. Devel	RDT&E Mngt Support	Op Sys Support	Produc-tion	Accep-tance Testing	Moder-nization
11. Generic Tech Base									
11.1 Computers									
11.2 Software									
11.3 Comm Network									
11.4 Electronic Device									
11.5 Matl & Processes									
11.6 Energy Storage									
11.7 Propulsion and Energy Conservation									
11.8 Design Automation									11 *
11.9 Human-System Interfaces									
11.10 Other Tech Base Programs									

*** Includes expanded planning yard direct labor.**

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: Table 1.h: **TECHNICAL WORKLOAD MATRIX / FUNCTIONAL AREAS**

PRODUCTS	Program Support	Sched. Maint.	Repair	Testing	In Serv. Engr.	Program Support	Retire-ment	Trng/ Ops Spt	Sim. Model/ Anlys
11. Generic Tech Base									
11.1 Computers									
11.2 Software									
11.3 Comm Network									
11.4 Electronic Device									
11.5 Matl & Processes									
11.6 Energy Storage									
11.7 Propulsion and Energy Conservation.									
11.8 Design Automation									
11.9 Human-System Interfaces									
11.10 Other Tech Base Programs									

R

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	1. Platform/1.3 Surface Ships
Life Cycle Work Area	9. Modernization

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. In-House Work Years. Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

587 (R) WYs

2. Expenditures.

a. In-House Expenditures. Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 98,322.9 K

b. Out-of-House Expenditures. Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. Do not include direct cite funding.

$ 247.2 K

c. Direct Cites. Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

(R) - Indicates revised number as of 25 July '94.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	1. Platform/1.3 Surface Ships
Life Cycle Work Area	9. Modernization

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

608 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 98,322.9 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 247.2 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

R

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	1. Platform/1.3 Surface Ships
Life Cycle Work Area	12. Repair

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. In-House Work Years. Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

845 (R) WYs

2. Expenditures.

a. In-House Expenditures. Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 140,671.9 K

b. Out-of-House Expenditures. Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. Do not include direct cite funding.

$ 5,331.7 K

c. Direct Cites. Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

(R) - Indicates revised number as of 25 July '94.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	1. Platform/1.3 Surface Ships
Life Cycle Work Area	12. Repair

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

874 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 140,671.9 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 5,331.7 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	1. Platform/1.3 Surface Ships
Life Cycle Work Area	13. Testing

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

1 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 115.5 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	2. Weapons Systems/2.1 Gun Systems
Life Cycle Work Area	9. Modernization

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

71 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 9,383.0 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 4.8 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	2. Weapon Systems/2.1 Gun Systems
Life Cycle Work Area	12. Repair

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

13 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 7,569.3 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 77.9 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	2. Weapons Systems /2.8 Launchers
Life Cycle Work Area	9. Modernization

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

16 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 1,488.0 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 3.2 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	2. Weapons Systems/2.8 Launchers
Life Cycle Work Area	12. Repair

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

6 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 827.0 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 19.7 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	2. Weapons Systems/2.9 Fire Control
Life Cycle Work Area	9. Modernization

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

32 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 4,846.4 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 97.3 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	2. Weapons Systems/2.9 Fire Control
Life Cycle Work Area	12. Repair

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.
6 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.
$ 1,465.0 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.
$ 112.0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area. $ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	2. Weapons Systems/2.10 Weapons Data Lines
Life Cycle Work Area	9. Modernization

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

11 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 1,390.0 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	2. Weapons Systems/2.10 Weapons Data Lines
Life Cycle Work Area	12. Repair

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

2 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 517.1 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 16.1 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	5. Sensors & Surveillance Systems/5.1 Sonar Systems
Life Cycle Work Area	9. Modernization

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

93 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 12,448.7 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	5. Sensors & Surveilance Systems/5.1 Sonar Systems
Life Cycle Work Area	12. Repair

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

5 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 1,104.2 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	5. Sensors & Surveilance Systems/5.2 Radar Systems
Life Cycle Work Area	9. Modernization

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

6 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 709.1 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	5. Sensors & Surveilance Systems/5.2 Radar Systems
Life Cycle Work Area	12. Repair

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

27 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 4,953.0 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 46.6 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	5. Sensor & Survey Ships/5.3 Special
Life Cycle Work Area	9. Modernization

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

1 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 17.6 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	6. Navigation/6.3 Surface Ship Navigation
Life Cycle Work Area	9. Modernization

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

1 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 12.2 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	6. Navigation/6.3 Surface Ship Navigation
Life Cycle Work Area	12. Repair

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

10 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 1,459.0 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	6. Navigation/6.5 Satellite Navigation Systems
Life Cycle Work Area	12. Repair

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

1 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 20.2 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	7. Exterior Communications/7.3 Shipboard
Life Cycle Work Area	9. Modernization

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

6 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 759.5 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	7. Exterior Communications/7.3 Shipyard
Life Cycle Work Area	12. Repair

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

16 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 2,497.0 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 116.1 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	7. Exterior Communications/7.6 Non-Tac
Life Cycle Work Area	9. Modernization

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

2 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 289.3 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	7. Exterior Communications/7.6 Non Tact Data
Life Cycle Work Area	12. Repair

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

1 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 272.0 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 5.0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	7. Exterior Communications/7.8 Intel Info Systems
Life Cycle Work Area	12. Repair

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

2 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 245.6 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	8. Defense Systems/8.2 Countermeasures
Life Cycle Work Area	9. Modernization

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

11 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 1,445.0 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 3.4 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	8. Defense Systems/8.2 Countermeasures
Life Cycle Work Area	12. Repair

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

1 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 51.3 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	8. Defense Systems/8.3 Elex Warfare
Life Cycle Work Area	9. Modernization

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

47 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 6,381.5 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 54.6 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	8. Defense Systems/8.3 Elex Warfare
Life Cycle Work Area	12. Repair

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

5 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 806.0 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	10. Gen Mission Support/10.2 Log Plng/Implem
Life Cycle Work Area	9. Modernization

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

54 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 5427.0 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	10. General Mission Support./10.3 Facilities Engineering
Life Cycle Work Area	15. Program Support

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

63 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 3274.0 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 237.0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	10. Gen Mission Suppt/10.6.3 Crew Eq/Life Suppt - Surface Ship
Life Cycle Work Area	9. Modernization

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

18 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 5536.0 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	10. General Mission Support/10.8 Other Subsidary System
Life Cycle Work Area	12. Repair

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

13 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 1,651.0 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	10. General Mission Support/10.9 Mission Function Support
Life Cycle Work Area	11. Scheduled Maintenance

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

255 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 27,578.0 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB A: TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA - LIFE CYCLE WORK AREA FORM

Activity Name	Long Beach Naval Shipyard
Functional Support Area	11. Gen Tech Base/11.8 Design Automation
Life Cycle Work Area	9. Modernization

Note: An example of a functional support area - life cycle work area is:
"1. Platform, 1.1 Undersea, - 10. Program Support".

Note:
In-House Expenditures are comprised of the Total Obligation Authority (TOA) for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

Out-of-House Expenditures are comprised of TOA for direct work (customer funded, mission oriented) performed or to be performed by other than the organizational entity. Out-of-house performers may include other departmental or DoD organizational entities, industrial firms, educational institutions, not-for-profit institutions and private individuals.

1. **In-House Work Years.** Provide the total number of in-house government employee (civilian and military) Work Years (WYs) for FY 1993 that were performed by your activity in this functional support area - life cycle work area. Work Years are to be consistent with those used in the preparation of inputs to the President's Budget.

11 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost, in thousands of dollars ($ K), in FY 1993 for this functional support area - life cycle work area.

$ 1236.1 K

b. **Out-of-House Expenditures.** Provide the total funds expende, ion thousands of dollars ($ K), during FY 1993 for this functional support area - life cycle work area. **Do not** include direct cite funding.

$ 0 K

c. **Direct Cites.** Provide total direct cite funds, in thousands of dollars ($ K), expaneded on contract during FY 1993 for this functional support area - life cycle work area.

$ 0 K

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

INSTRUCTIONS FOR TAB B

A. Definitions

Special Facilities/Equipment Resources. Include a copy of the form provided at Tab B of this data call for each conventional (non-nuclear) facility and "major" piece of equipment located at this activity. *Include* information on separate detachments. The following definitions will apply:

Facilities will include such things as rocket firing bays, towing tanks, anechoic chambers, hypervelocity gun ranges, hyperbaric chambers, wind tunnels, simulation/emulation laboratories, etc. Include buildings that are integral to the facility/equipment. Do not include major outdoor ranges or land.

Additionally, describe modeling and simulation capabilities, hardware in-the-loop facilities and analysis or wargaming capabilities, as appropriate.

Equipment includes resources used to support the operation of the site with a replacement value of $500,000 or greater. Do not include land or buildings in this category. In reporting equipment, provide information to indicate the degree of portability of the equipment.
Class 3 Personal Property items ("plant equipment" or "equipment in place") by definition are highly portable and can be moved easily. Some Class 2 Installed Equipment, such as Main-frame computers, test stands and small hyperbaric chambers, require more extensive utilities support and assembly of components, but can be relocated without damage to the facility or equipment, and therefore are considered "moveable" assets. Other Class 2 items are so large and/or integral to the facility that houses them that major demolition and construction would be required to relocate them, and therefore are considered "fixed" assets.

B. Instructions

1. Complete Tab B for each piece of identified conventional facilities and equipment (as defined above) supporting all Functional Support Areas (products) marked in the matrix (Tab A, Tables 1.a-1.h).

2. Where appropriate, pieces of equipment may be aggregated for the purposes of completing Tab B. For example, inside shop equipment may be consolidated as a shop facility; cranes, special hull treatment enclosures, portable test equipment, etc.

3. Do not list drydocks as a facility or an equipment.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	Mass Storage Unit NID - 661210

1. State the primary purpose(s) of the facility/equipment.

THE MASS STORAGE UNIT STORES ALL SHIPYARD DATA RELATING TO COSTS INCURRED, PAYROLL, MATERIAL ORDERING, RECEIVING AND ISSUING, ACCOUNTS PAYABLE, CUSTOMER BILLING, PROJECT STATUS, DRAWING LOCATION, TIME AND ATTENDENCE, PLANT PROPERTY MANAGEMENT AND PRODUCTION SCHEDULING. ALSO USED TO STORE DATA FOR THE SUPERVISOR OF SHIP BUILDING.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 551,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 4482 LB Cube = 1800 CU-FT

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

220 VOLTS 3 PHASE 200 AMPS

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

23.6 TONS A/C 600 FPM AIR FLOW VENTS @FLOOR

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.
COMMON CARRIER

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP
11.1 GENERIC TECHNOLOGY BASE/ COMPUTERS

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

UNIT OF MEASURE : 24 HOURS - 7 DAYS / WEEK = 100% UTILIZATION
HISTORICAL UTILIZATION = 100%

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 100 % THROUGH 1997

13. What is the approximate number of personnel used to operate the equipment?

THIS EQUIPMENT IS CONTROLLED BY THE MAIN COMPUTER AND THERE ARE NO PERSONNEL REQUIRED TO OPERATE IT DIRECTLY.

14. What is the approximate number of personnel needed to maintain the equipment?

MAINTAINED BY CONTRACTOR - (1) FIELD ENGINEER

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	HONEYWELL AUGMENTATION NID - 616079

1. State the primary purpose(s) of the facility/equipment.

SHIPYARD'S MAINFRAME COMPUTER WHICH IS USED TO PROCESS ALL DATA RELATED TO SHIPYARD COSTS, PAYROLL, MATERIAL ORDERING, RECEIVING AND ISSUING, ACCOUNTS PAYABLE, CUSTOMER BILLING, PROJECT STATUS, DRAWING LOCATION, TIME AND ATTENDENCE, PLANT PROPERTY MANAGEMENT AND PRODUCTION SCHEDULING. ALSO USED TO STORE DATA FOR THE SUPERVISOR OF SHIP BUILDING.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 2,231,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 6580 LB Cube = 1476 CU-FT

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

220 VOLTS, 3 PHASE, 201 AMPS

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

23.6 TONS A/C 600 FPM VENTS @FLOOR

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.
COMMON CARRIER

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/ SURFACE SHIP
11.1 GENERIC TECHNOLOGY BASE/COMPUTERS

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

UNIT OF MEASURE : 24 HOURS - 7 DAYS / WEEK = 100% UTILIZATION
HISTORICAL UTILIZATION = 100%

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 100 % THROUGH 1997

13. What is the approximate number of personnel used to operate the facility/equipment?

(6) COMPUTER SPECIALISTS

14. What is the approximate number of personnel needed to maintain the equipment?

MAINTAINED BY CONTRACTOR - (1) FIELD ENGINEER

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	CM-100 CUTTING MACHINE

1. State the primary purpose(s) of the facility/equipment.

ACCURATE, PRECISION COMPUTER CONTROLLED PLASMA AND OXY/FUEL CUTTING OF FERROUS AND NON-FERROUS PLATE INTO REQUIRED PRODUCTION SHAPES. FULL NESTING AND NETWORKING CAPABILITIES FOR THE MOST EFFICIENT AND ECONOMICAL METHOD OF FABRICATING LARGE AND MULTIPLE CUT OPERATIONS. CAPABLE OF CUTTING 1/8" THROUGH 6" THICK SINGLE OR MULTIPLE SHEETS UP TO A MAXIMUM SIZE OF 22' x 44'.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 641,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 20,000 Cube = 8,000 C/F

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

CLOSED-LOOP HEAVY METAL FILTRATION

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

COMMON CARRIER

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%

HISTORICAL UTILIZATION AVERAGE = 1989 - 95% 1990 - 96% 1991 - 96%
1992 - 98% 1993 - 98%

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 95% THROUGH 1997

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) SHIPFITTER MECHANIC
(1) RIGGER
(1) CRANE OPERATOR

14. What is the approximate number of personnel needed to maintain the equipment?

(1) ELECTRICIAN
(1) ELECTRONIC TECHNICIAN
(1) MAINTENANCE MECHANIC
(2) TANK CLEANERS
(1) HAZARDOUS MATERIAL HANDLER

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	3000 TON HYDRAULIC VERTICAL PRESS

1. State the primary purpose(s) of the facility/equipment.

USED FOR PRESSING LARGE STRUCTURAL STEEL AND ALUMINUM SHAPES AND STRAIGHTENING PREFABRICATED BULKHEADS, DECKS, AND DOORS ON IT'S UNUSUALLY LARGE 10' x 20' BED IN SUPPORT OF SHIP REPAIR AND MODERNIZATION.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

FIXED

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $500,000

4. Provide the gross weight and cube of the facility.

Gross Weight = N/A Cube = 624 Square Feet

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

COST TO RELOCATE EXCEEDS COST OF ORIGINAL EQUIPMENT DUE TO EXTREME SIZE AND WEIGHT. ONE OF A KIND, NO LONGER MANUFACTURED.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

COMMON CARRIER 1966

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%

HISTORICAL UTILIZATION AVERAGE = 5% (1989 - 1993)

12. Provide the projected utilization data out to FY 1997.

1994 - 2% 1996 - 20%
1995 -20% 1997 - 20%

13. What is the approximate number of personnel used to operate the facility/equipment?

(2) SHIPFITTER MECHANICS
(1) RIGGER

14. What is the approximate number of personnel needed to maintain the equipment?

(1) ELECTRICIAN
(1) MAINTENANCE MECHANIC

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	STRUCTURAL ASSEMBLY BAY

1. State the primary purpose(s) of the facility/equipment.

USED FOR FABRICATION AND ASSEMBLY OF DECK HOUSES, PLATFORMS, MASTS, SPONSONS, FOUNDATIONS, LADDERS, STORAGE TANKS, FOILS, SONAR DOMES, BULKHEADS, DECKS, BOW SECTIONS, SECTIONS OF SHIP'S UNDERWATER HULL, AND OTHER LARGE STRUCTURES OF VARIOUS METALS (STEEL, ALUMINUM, ETC.) IN SUPPORT OF SHIP REPAIR AND MODERNIZATION. ALSO USED FOR MANUFACTURING LARGE METAL COMPONENTS FOR NON-SHIP SYSTEMS.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

FIXED

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $3 MILLION

4. Provide the gross weight and cube of the facility.

Gross Weight = N/A Cube = 1,140,000 CuFt

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

STEAM ,NATURAL GAS AND OXYGEN AND ACETYLENE HARD PIPED

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

PORTABLE H.E.P.A. FILTER VENTILATION IS USED FOR FUME CONTROL.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

UNIQUE TO DON/DOD DUE TO EXTREMELY LARGE ENVIRONMENTALLY CONTROLLED, AND FULLY SUPPORTED WORK AREA WITH OVERHEAD CRANE SERVICE, TRUCK ACCESS TO INTERIOR OF BAY, AND ALL STRUCTURAL MANUFACTURING CAPABILITIES AND FACILITIES.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

CONSTRUCTED IN STAGES, ON SITE., SLAB WAS BUILT IN THE 1940'S. SLAB WAS ENCLOSED IN 1968

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE = 100%

89 - 98%	91 - 98%	93 - 98%
90 - 98%	92 - 98%	

12. Provide the projected utilization data out to FY 1997.

94 - 96%	96 - 98%
95 - 95%	97 - 98%

13. What is the approximate number of personnel used to operate the facility/equipment?

(2) CRANE OPERATORS
(2) RIGGERS
THIS FACILITY WILL SUPPORT 1 TO 30 WELDERS AND 3 TO 40 SHIPFITTERS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) ELECTRICIAN MECHANIC
(1) MAINTENANCE MECHANIC
(1) CRANE REPAIR MECHANIC
(1) PIPEFITTER MECHANIC

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	SHAFT WELDING LATHE

1. State the primary purpose(s) of the facility/equipment.

USED FOR PROPULSION SHAFTING REPAIR, INCLUDING STRAIGHTENING, BEARING SURFACE BUILD-UP/CLADDING, AND STRESS RELIEF OF SHAFTING. CAPABLE OF ANY SHAFT LENGTH UP TO 80'. CAPABLE OF ELCTRO SLAG SURFACING OF BEARING AREAS USING ALL SEMI - AUTOMATIC WELDING EQUIPMENT. CRANE SERVICE AVAILABLE FOR SHAFT MOVEMENT IN AN ENVIRONMENTALLY CONTROLLED WORKING AREA.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 523,852.40

4. Provide the gross weight and cube of the facility.

Gross Weight = 60,000 Cube = 10,800

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

90 POUNDS COMPRESS AIR SUPPLY

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

N/A

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

PORTABLE H.E.P.A. FILTER VENTILATION IS USED FOR FUME CONTROL.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

THIS IS THE ONLY DON/DOD CERTIFIED EQUIPMENT TO PERFORM PROPULSION SHAFTING REPAIRS WITH THE ELECTRO SLAG PROCESS USING 625 INCONEL. THE WELDING HEAD USED ON THE LATHE IS UNIQUE WITH DON/DOD. THE QUALIFIED WELDERS/OPERATORS THAT OPERATE THIS EQUIPMENT HAVE HIGHLY SPECIALIZED SKILLS THAT ARE UNIQUE TO DON/DOD. IF THIS EQUIPMENT IS LOST, THE CAPABILITY TO REPAIR SHAFTS, RUDDER POST AND PROPELLERS ON THE WEST COAST WOULD ALSO BE LOST.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

COMMON CARRIER 1984 CONSTRUCTED BY PUBLIC WORKS

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEEK, 10 HOUR SHIFT) AVAILABLE = 100%

1989 - 98%, 1990 - 95%, 1991 - 92%, 1992 - 90%, 1993 - 89%.

12. Provide the projected utilization data out to FY 1997.

1994 - 98%, 1995 - 98%, 1996 - 98%, 1997 - 98%

13. What is the approximate number of personnel used to operate the facility/equipment?

(2) WELDER MECHANICS
(1) MACHINIST MECHANIC

14. What is the approximate number of personnel needed to maintain the equipment?

(1) ELECTRONIC TECHNICIAN
(1) ELECTRICIAN MECHANIC
(1) MAINTENANCE MECHANIC

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	CNC DUAL HEAD STOCK, THREE CARRIAGE, SHAFT LATHE

1. State the primary purpose(s) of the facility/equipment.

PRECISION COMPUTER CONTROLLED MACHINING OF PROPULSION SHAFTS, SHAFT SLEEVES, RUDDER POSTS, AND ANY EXTENDED LENGTH ROUND PARTS UP TO 70 INCH DIAMETER AND UP TO 83' - 11" LONG.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 2,300,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 20,000 Cube = 6,237 CU/FT

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

DUAL CRANE LIFTING CAPABILITY IS REQUIRED.

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

SPECIAL FOUNDATION IS REQUIRED FOR THIS EQUIPMENT AT AN ESTIMATED COST OF $550,000.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

AN EXHAUST SYSTEM IS REQUIRED DUE TO THE EXTENSIVE WELDING OPERATIONS WHICH TAKE PLACE DURING SHAFT REPAIRS.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO OTHER SHIPYARD, PRIVATE OR PUBLIC HAS CNC EQUIPMENT OF THIS LENGTH AND SWING.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

COMMON CARRIER 1943

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%

HISTORICAL UTILIZATION AVERAGE = 62% (1989 - 1993)

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 32% THROUGH 1997.

13. What is the approximate number of personnel used to operate the facility/equipment?

(2) MACHINISTS FOR SETUP OF LARGE SHAFTS
(1) MACHINIST DURING OPERATION

14. What is the approximate number of personnel needed to maintain the equipment?

(1) MECHANICAL / HYDRAULIC MECHANIC
(1) ELECTRONIC TECHNICICAN

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	CNC SHAFT LATHE, SINGLE CARRIAGE

1. State the primary purpose(s) of the facility/equipment.

PRECISION COMPUTER CONTROLLED MACHINING OF PROPULSION SHAFTS, SHAFT SLEEVES, RUDDER POSTS, AND ANY EXTENDED LENGTH ROUND PARTS UP TO 76 INCH DIAMETER AND UP TO 77' LONG.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 2,600,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 225,000 Cube = 302,400 SQ. FT.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

DUAL CRANE LIFTING CAPABILITY IS REQUIRED.

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

SPECIAL FOUNDATION IS REQUIRED FOR THIS EQUIPMENT AT AN ESTIMATED COST OF $700,000.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

AN EXHAUST SYSTEM IS REQUIRED DUE TO THE EXTENSIVE WELDING OPERATIONS WHICH TAKE PLACE DURING SHAFT REPAIRS.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

COMMON CARRIER 1981

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%

HISTORICAL UTILIZATION AVERAGE = 22% (1989 - 1993)

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 17% THROUGH 1997.

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) MACHINIST

14. What is the approximate number of personnel needed to maintain the equipment?

(1) MECHANICAL / HYDRAULIC MECHANIC
(1) ELECTRONIC TECHNICICAN

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	CNC 4 AXIS VERTICAL MACHINING CENTER

1. State the primary purpose(s) of the facility/equipment.

PRECISION COMPUTER CONTROLLED MACHINING, MILLING, DRILLING, BORING, THREADING, AND 3 OR 4 AXIS CONTOUR MILLING OF PARTS IN DEMENSIONS UP TO 30" WIDE x 20" HIGH x 50" LONG.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 531,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 45,000 LB. Cube = 2,420 CU. FT.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

SPECIAL FOUNDATION IS REQUIRED FOR THIS EQUIPMENT AT AN ESTIMATED COST OF $110,000.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

COMMON CARRIER 1992

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%

HISTORICAL UTILIZATION AVERAGE = 44% (1992 - 1993) (1989-1991 = 0%)

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 40% THROUGH 1997

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CNC TRAINED MACHINIST

14. What is the approximate number of personnel needed to maintain the equipment?

(1) MECHANICAL / HYDRAULIC MECHANIC
(1) ELECTRONIC TECHNICIAN
(1) ELECTRONIC TECHNICIAN - CONTRACT SUPPORT

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	CNC VERTICAL TURNING CENTER

1. State the primary purpose(s) of the facility/equipment.

PRECISION COMPUTER CONTROLLED MACHINING AND CONTOURING OF LARGE ROUND PARTS IN DEMENSIONS UP TO 35" DIAMETER x 40" HIGH.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 1,052,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 25,000 ___Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

SPECIAL FOUNDATION IS REQUIRED FOR THIS EQUIPMENT AT AN ESTIMATED COST OF $100,000.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

COMMON CARRIER 1964
OVERHAULED AND CNC RETROFITTED 1989

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%

HISTORICAL UTILIZATION AVERAGE = 68% (1989 - 1993)

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 33% THROUGH 1997

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CNC TRAINED MACHINIST

14. What is the approximate number of personnel needed to maintain the equipment?

(1) MECHANICAL / HYDRAULIC MECHANIC
(1) ELECTRONIC TECHNICIAN
(1) ELECTRONIC TECHNICIAN - CONTRACT SUPPORT

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	CNC 4 AXIS, DUAL PALLET, HORIZONTAL MACHINING CENTER

1. State the primary purpose(s) of the facility/equipment.

PRECISION COMPUTER CONTROLLED MACHINING, MILLING, DRILLING, BORING, THREADING, AND 3 OR 4 AXIS CONTOUR MILLING OF VARIOUS PARTS AND DIMENSIONS UP TO 30" WIDE x 30" HIGH x 30" LONG.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 927,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 420,000 Cube = 464,966

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

SPECIAL FOUNDATION IS REQUIRED FOR THIS EQUIPMENT AT AN ESTIMATED COST OF $155,000.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

COMMON CARRIER 1993

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE = 100%

EQUIPMENT NEWLY INSTALLED - 1993
CURRENT HISTORICAL UTILIZATION AVERAGE = 10% (1993 - 1994)

12. Provide the projected utilization data out to FY 1997.

PROJECT UTILIZATION = 22% THROUGH 1997.

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CNC TRAINED MACHINIST

14. What is the approximate number of personnel needed to maintain the equipment?

(1) MECHANICAL / HYDRAULIC MECHANIC
(1) ELECTRONIC TECHNICIAN
(1) ELECTRONIC TECHNICIAN - CONTRACT SUPPORT

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	CNC 4 AXIS, VERTICAL TRAVELING COLUMN, MACHING CENTER

1. State the primary purpose(s) of the facility/equipment.

PRECISION COMPUTER CONTROLLED MACHINING, MILLING, DRILLING, BORING, THREADING, AND 3 OR 4 AXIS CONTOUR MILLING OF PARTS IN DEMENSIONS UP TO 35" WIDE x 80" HIGH x 144" LONG.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 900,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 73,000 LB. Cube = 453,600 CU. FT.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

SPECIAL FOUNDATION IS REQUIRED FOR THIS EQUIPMENT AT AN ESTIMATED COST OF $400,000.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

COMMON CARRIER 1983

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%

HISTORICAL UTILIZATION AVERAGE = 85% (1989 - 1993)

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 85% THROUGH 1997

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CNC TRAINED MACHINIST

14. What is the approximate number of personnel needed to maintain the equipment?

(1) MECHANICAL / HYDRAULIC MECHANIC
(1) ELECTRONIC TECHNICIAN
(1) ELECTRONIC TECHNICIAN - CONTRACT SUPPORT

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	CNC VERTICAL UNIVERSAL PRECISION GRINDER

1. State the primary purpose(s) of the facility/equipment.

PRECISION COMPUTER CONTROLLED CLOSE TOLERANCE FINISH MACHINING OF ROUND PARTS. MACHINE SIZE: 32" BENEATH THE BRIDGE AND 54" DIAMETER.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 546,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 12,000 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

COMMON CARRIER 1988

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%

HISTORICAL UTILIZATION AVERAGE = 32% (1989 - 1993)

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 30% THROUGH 1997

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CNC TRAINED MACHINIST

14. What is the approximate number of personnel needed to maintain the equipment?

(1) MECHANICAL / HYDRAULIC MECHANIC
(1) ELECTRONIC TECHNICIAN
(1) ELECTRONIC TECHNICIAN - CONTRACT SUPPORT

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	CNC PRECISION SURFACE GRINDER

1. State the primary purpose(s) of the facility/equipment.

PRECISION COMPUTER CONTROLLED CLOSE TOLERANCE FINISH MACHINING OF LARGE FLAT PARTS IN DIMENSIONS UP TO 36" WIDE x 36" HIGH x 16' LONG.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 1,000,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 80,000 LB. Cube = 100,000 CU. FT.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

COMMON CARRIER 1960
OVERHAULED AND CNC RETROFITTED 1991

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%

HISTORICAL UTILIZATION AVERAGE = 32% (1989 - 1993)

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 35% THROUGH 1997

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CNC TRAINED MACHINIST

14. What is the approximate number of personnel needed to maintain the equipment?

(1) MECHANICAL / HYDRAULIC MECHANIC
(1) ELECTRONIC TECHNICIAN

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	CNC 4 AXIS, VERTICAL MACHINING CENTER

1. State the primary purpose(s) of the facility/equipment.

PRECISION COMPUTER CONTROLLED MACHINING, MILLING, DRILLING, BORING, THREADING, AND 3 OR 4 AXIS CONTOUR MILLING OF PARTS IN DEMENSIONS UP TO 33" WIDE x 24" HIGH x 55" LONG.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 660,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 13,425 Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

SPECIAL FOUNDATION IS REQUIRED FOR THIS EQUIPMENT AT AN ESTIMATED COST OF $100,000.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

COMMON CARRIER 1984

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%

HISTORICAL UTILIZATION AVERAGE = 75% (1989 - 1993)

12. Provide the projected utilization data out to FY 1997.

PROJECT UTILIZATION = 64% THROUGH 1997.

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CNC TRAINED MACHINIST

14. What is the approximate number of personnel needed to maintain the equipment?

(1) MECHANICAL / HYDRAULIC MECHANIC
(1) ELECTRONIC TECHNICIAN

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	CNC PUNCH / PLASMA ARC MACHINING CENTER

1. State the primary purpose(s) of the facility/equipment.

PRECISION COMPUTER CONTROLLED HOLE PUNCHING AND PLASMA ARC CUTTING OF VARIOUS SHEETMETAL PLATES (CARBON STEEL, ALUMINUM, CRES, ETC.) RANGING FROM 1/32" TO 1/4" IN THICKNESS.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 511,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 17,100 LB. Cube = 2,280 C/F

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

COMPRESSED GAS
PNEUMATIC AIR

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

AIR EMMISSION CONTROLS FOR PLASMA CUTTING PROCESS WITH H.E.P.A. FILTERS.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

COMMON CARRIER, 1984

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%

HISTORICAL UTILIZATION AVERAGE = 80% (1989 - 1993)

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 70% THROUGH 1997

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CNC TRAINED SHEETMETAL MECHANIC

14. What is the approximate number of personnel needed to maintain the equipment?

(1) MECHANICAL / HYDRAULIC MECHANIC
(1) ELECTRONIC TECHNICIAN

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	PUMP TEST ANALYZER AND PUMP TEST FACILITY

1. State the primary purpose(s) of the facility/equipment.

DEDICATED PUMP TEST FACILITIES WITH (14) TEST ANALYZERS TO CONDUCT POST OVERHAUL PUMP TESTS OF STEAM AND MOTOR DRIVEN PUMPS AND PURIFIERS. PUMP TESTING CAPABILITIES UP TO 5000 GPM AND 2000 PSI ; ELECTRICAL TESTING CAPABILITIES UP TO 400 AMP MOTORS ; AND STEAM TESTING LIMITS UP TO 30,000 LBS AT 1500 PSI.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

FACILITY (FIXED) AND TEST ANALYZERS (MOVEABLE)

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 1,240,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 50,000 LB. Cube = 76,800 CU. FT.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

440 VOLT ELECTRICAL REQUIREMENT

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

PERMITTED OILY WASTEWATER RECOVERY SYSTEM

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

COMMON CARRIER, 1980

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%

HISTORICAL UTILIZATION AVERAGE = 37%

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION AVERAGE = 25% THROUGH 1997

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) MECHANIC
(1) ELECTRICIAN

14. What is the approximate number of personnel needed to maintain the equipment?

(2) MAINTENANCE TECHNICIANS
(1) ELECTRONIC CALIBRATION TECHNICIAN
(1) ELECTRONIC TECHNICIAN - CONTRACT SUPPORT

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	AIR COMPRESSOR TEST FACILITY

1. State the primary purpose(s) of the facility/equipment.

CONDUCT AUTOMATIC OR COMPUTER CONTROLLED POST OVERHAUL TESTING AND MONITORING OF VARIOUS TYPES OF HIGH OR LOW PRESSURE AIR COMPRESSORS TO DESIGN TEST PARAMETERS. TESTING CAPABILITIES UP TO 5,000 PSI.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEBLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 504,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 25,000 LB. Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

COMMON CARRIER 1977

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%

HISTORICAL UTILIZATION AVERAGE = 16% (1989 - 1993)

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 16% THROUGH 1997.

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) MECHANIC

14. What is the approximate number of personnel needed to maintain the equipment?

(1) ELECTRONIC TECHNICIAN - CONTRACT SUPPORT

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	REFRIGERATION COMPRESSOR TEST CENTER

1. State the primary purpose(s) of the facility/equipment.

CONDUCT COMPUTER CONTROLLED POST OVERHAUL TESTING AND MONITORING OF VARIOUS CENTRIFUGAL OR RECIPROCAL AIR CONDITIONING AND REFRIGERATION (AC&R) COMPRESSORS TO DESIGN TEST PARAMETERS. TESTING CAPABILITIES UP TO 300 TON UNITS.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 535,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 18,000 LB. Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

COMMON CARRIER 1982

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%

HISTORICAL UTILIZATION AVERAGE = 8% (1989 - 1993)

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 8% THROUGH 1997.

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) AIR CONDITIONING AND REFRIGERATION MECHANIC

14. What is the approximate number of personnel needed to maintain the equipment?

(1) ELECTRONIC TECHNICIAN - CONTRACT SUPPORT

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	HYDRAULIC TRANSMISSION TEST FACILITY

1. State the primary purpose(s) of the facility/equipment

CONDUCT TESTING OF FOUR TYPES OF NAVY STANDARD TRANSMISSION AND FOUR TYPES OF SEALED HYDRAULIC TRANSMISSIONS (ie. HIGHLINE, INHAUL / OUTHAUL, AND SPANWIRE) UNDER SIMULATED "UNREP" OPERATING CONDITIONS. **** UNREP** - UNDERWAY REPLENISHING

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 2,358,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 35,000 LB Cube = 2800 CU. FT.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

SPECIAL FOUNDATIONS WITH SUMP FOR HYDRAULIC FLUID

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

COMMON CARRIER 1989

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%

HISTORICAL UTILIZATION AVERAGE = 1989-90 0%

1991- 23% 1992-32% 1993- 28%

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 1995- 96 15% 1997 23%

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) HYDRAULIC MECHANIC

14. What is the approximate number of personnel needed to maintain the equipment?

(1) ELECTRONIC TECHNICIAN - CONTRACT SUPPORT

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	DIESEL ENGINE ANALYZER AND INCINERATOR

1. State the primary purpose(s) of the facility/equipment.

FULL PERFORMANCE DYNO TESTING OF DIESEL ENGINES AFTER OVERHAUL UP TO 2,000 HORSEPOWER AND GENERATING COMPUTER CONTROLLED ANALYTICAL TEST RESULTS.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 750,000

4. Provide the gross weight and cube of the facility.

Gross Weight = N/A Cube = 6' 6" X 16' 8" =708 CU - FT

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NATURAL GAS, COMPRESSED AIR AND COOLING WATER

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

AFTER-BURNER AND EXHAUST SYSTEM REQUIRED TO COMPLY WITH & SCAQMD EPA REGULATIONS. SPECIAL FOUNDATION FOR TEST CELL

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

AIR POLLUTION CONTROL SYSTEM - AFTERBURNER AND EXHAUST SYSTEM WITH A 40 HORSEPOWER BLOWER FOR 4 TEST CELLS.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

ENGINE ANALYZER WAS CONSTRUCTED, ON-SITE, BY SOUTHWEST RESEARCH INSTITUTE. INCINERATOR AND AFTER-BURNER WERE INSTALLED BY SMITH ENGINEERING. INSTALLATION WAS DONE 1989/90.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%

AVERAGE PERFORMANCE TEST AND HEAT RUN REQUIRES 28.6 HOURS. AN AVERAGE OF 24 ENGINES TESTED PER YEAR 1989 - 1993.

12. Provide the projected utilization data out to FY 1997.

PROJECT UTILIZATION = 35% THROUGH 1997, BASED ON PROJECTION OF 36 ENGINES .

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) DIESEL MECHANIC

14. What is the approximate number of personnel needed to maintain the equipment?

(1) MAINTENANCE MECHANIC
(1) ELECTRONIC TECHNICIAN - CONTRACT SUPPORT

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	6" CNC PIPE BENDER

1. State the primary purpose(s) of the facility/equipment.

COMPUTER CONTROLLED PIPE BENDING OF VARIOUS PIPING MATERIALS IN DIMENSIONS RANGING FROM 2" TO 6" IPS.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 670,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 15 TONS Cube = 2,496 CU. FT.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

NEW CONSTRUCTION 1988

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%

HISTORICAL UTILIZATION AVERAGE = 15% (1989 - 1993)

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 10% THROUGH 1997.

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) PIPEFITTER MECHANIC

14. What is the approximate number of personnel needed to maintain the equipment?

(1) MAINTENANCE MECHANIC
(1) ELECTRONIC MECHANIC

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	#448 7"-10" PIPE PUSHER BENDER

1. State the primary purpose(s) of the facility/equipment.

PIPE BENDING OF VARIOUS PIPING MATERIALS IN DIMENSIONS RANGING FROM 7" TO 10" IPS.

2.Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

FIXED

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 700,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 70,000 Cube = 57,120 C/.F

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

COMMON CARRIER 1953 . MOVED WITH GREAT DIFFICULTY IN 1982.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%

1989 - 1993 AVERAGE UTILIZATION = 20%

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 15% THROUGH 1997.

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) OPERATOR PIPEFITTER MECHANIC

14. What is the approximate number of personnel needed to maintain the equipment?

(1) MAINTENANCE MECHANIC

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	ELECTRONIC MODULAR AUTOMATED TEST SYSTEM (MOATS)

1. State the primary purpose(s) of the facility/equipment.

AUTOMATIC PROGRAMMED DYNAMIC TESTING AND REPAIR OF ALL TYPES OF ELECTRICAL AND ELECTRONIC DEVICES AND CIRCUIT BOARDS.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 1,500,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 10,000 LB Cube = 576 CU. FT.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

EQUIPMENT CALIBRATION

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

TEMPERATURE AND HUMIDITY CONTROLS

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

TRANSPORTED AND INSTALLED BY SOUTHWEST RESEARCH INSTITUTE IN 1983.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP2.9
2.9 WEAPONS SYSTEM/FIRE CONTROL
2.10 WEAPONS SYSTEM/WEAPONS DATA LINKS
6.4 NAVIGATION/WEAPONS NAVIGATION SYSTEMS

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%

HISTORICAL UTILIZATION AVERAGE = 80% (1989 - 1993)

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 80% THROUGH 1997.

13. What is the approximate number of personnel used to operate the facility/equipment?

(10) ELECTRONIC MECHANICS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) ELECTRONIC MECHANIC
(1) ELECTRONIC MEASUREMENT MECHANIC
(1) AUTOMATIC TEST EQUIPMENT MECHANIC

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:LBNSY	LBNS
Facility or Equipment Nomenclature or Title	SPS-40 AIR SEARCH RADAR TEST AND REPAIR STATION

1. State the primary purpose(s) of the facility/equipment.

CONDUCT TESTING, ALIGNING, AND REPAIRING OF ALL PRINTED CIRCUIT CARDS, MODULES AND SUB- MODULES OF THE SPS-40 SERIES AIR SEARCH RADAR.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 1,000,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 2 TONS Cube = 144 CU. FT.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

EQUIPMENT CALIBRATION AND REPAIR

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

TEMPERATURE AND HUMIDITY CONTROLS

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

CONSTRUCTED BY DYNELL ELECTRONICS CORP. IN 1973

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP
2.9 WEAPONS SYSTEMS/FIRE CONTROL
6.4 NAVIGATION/WEAPONS NAVIGATION SYSTEMS

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%

HISTORICAL UTILIZATION = 80%

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 80% THROUGH 1997.

13. What is the approximate number of personnel used to operate the facility/equipment?

(2) ELECTRONIC MECHANICS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) ELECTRONIC MECHANIC
(1) MEASUREMENT EQUIPMENT MECHANIC

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	SPS-55 SEARCH RADAR TEST AND REPAIR STAND

1. State the primary purpose(s) of the facility/equipment.

CONDUCT TESTING, ALIGNING, AND REPAIRING OF ALL PRINTED CIRCUIT CARDS, MODULES AND SUB- MODULES OF THE SPS-55 SURFACE SEARCH RADAR SYSTEM.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $500,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 2 TONS Cube = 224 CU. FT.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

EQUIPMENT CALIBRATION AND REPAIR

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

TEMPERATURE AND HUMIDITY CONTROLS

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

ACQUIRED FROM SEAL BEACH NAVAL WEAPONS STATION IN 1987

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP
2.9 WEAPONS SYSTEMS/FIRE CONTROL
3.3 COMBAT SYSTEM INTEGRATION/SURFACE
5.2 SENSORS & SURVEILLANCE SYSTEMS/RADAR SYSTEMS
6.4 NAVIGATION/WEAPONS NAVIGATION SYSTEMS

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%

HISTORICAL UTILIZATION AVERAGE = 80% (1989 - 1993)

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 80% THROUGH 1997

13. What is the approximate number of personnel used to operate the facility/equipment?

(4) ELECTRONIC MECHANICS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) ELECTRONIC MECHANIC
(1) MEASUREMENT EQUIPMENT MECHANIC

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	ELECTRIC MOTOR TEST FACILITY

1. State the primary purpose(s) of the facility/equipment.

TESTING 440 VAC, THREE PHASE, 60 HZ ELECTRIC MOTORS THAT SERVE BOTH HORIZONTAL AND VERTICAL APPLICATIONS. TEST PARAMETERS INCLUDE: TEMPERATURES, SPEEDS, VOLTAGES, CURRENTS, TORQUE, PHASE WINDING RESISTANCE, FRICTION AND WINDAGE LOSSES, AND VIBRATION LEVELS.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 650 K

4. Provide the gross weight and cube of the facility.

Gross Weight = N/A Cube = 30' X 30' = 900 SQ. FT.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

A SOLID, VIBRATION-FREE FOUNDATION

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

IT WAS INSTALLED AS PART OF THE BUILDING CONSTRUCTION IN 1970

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE = 100%

HISTORICAL UTILIZATION AVERAGE = 90% (1989 - 1993)

12. Provide the projected utilization data out to FY 1997.

PROJECT UTILIZATION = 90% THROUGH 1997.

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) ELECTRICIAN MECHANIC
(2) ELECTRICAL TEST MECHANICS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) ELECTRICIAN MECHANIC
(1) TEST ELECTRICIAN
(1) ELECTRICIAN HELPER

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	GYRO SYSTEM TEST FACILITY

1. State the primary purpose(s) of the facility/equipment.

CONDUCT TESTING OF INTERNAL NAVIGATION SYSTEMS, GYROSCOPES AND STABILIZATION UNITS.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

FIXED

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 3.1 MILLION

4. Provide the gross weight and cube of the facility.

Gross Weight = N/A (FACILITY) Cube = 900 CU. FT.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

REGULATED 400 HZ POWER, 28 VOLTS D.C. AND AIR CONDITIONING

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

SPECIAL PITS AND BEARING REFERENCE PLANES

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

TEMPERATURE AND HUMIDITY

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

EXTREMELY DIFFICULT TO RELOCATE AS NEW FACILITY. WOULD HAVE TO BE BUILT TO PROPERLY HOUSE EQUIPMENT. LOSS OF LARGEST GYRO MOTION SIMULATOR AVAILABLE TO DON.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

NEW CONSTRUCTION IN 1970

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP
6.3 NAVIGATION/SURFACE SHIP NAVIGATION SYSTEMS

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE = 100%

HISTORICAL UTILIZATION AVERAGE = 20% (1989 - 1993)

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 10% THROUGH 1997

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) INSTRUMENT MECHANIC LEADER
(6) INSTRUMENT MECHANICS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) INSTRUMENT MECHANIC

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	ELECTRO PLATING FACILITY

1. State the primary purpose(s) of the facility/equipment.

PROVIDES FULL PLATING SERVICES SUCH AS, HARD CHROME, GOLD, SILVER, CADMIUM, AND COPPER. ALSO PERFORMS ALUMINUM ETCHING WITH BUFFING AND POLISHING SERVICES.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

FIXED

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 2,400,000

4. Provide the gross weight and cube of the facility.

Gross Weight = N/A Cube = 9000 SQ. FT.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

STEAM & WATER

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

SPECIAL BERMS, COLLECTION SUMPS AND PUMPING STATIONS.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

AIR POLLUTION CONTROL DEVICES; AIR SCRUBBERS.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

CONSTRUCTED IN 1970 AND UPGRADED IN 1980.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE = 100%

HISTORICAL UTILIZATION AVERAGE = 40% (1989 - 1993)

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 100% THROUGH 1997

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) ELECTRO-PLATER LEADER
(6) ELECTRO-PLATER MECHANICS
(4) ELECTRO-PLATER WORKERS
(2) BUFFER / POLISHERS
(1) ELECTRO-PLATER HELPER

14. What is the approximate number of personnel needed to maintain the equipment?

(1) ELECTRO-PLATER LEADER
(1) ELECTRO-PLATER HELPER
(1) PIPEFITTER MECHANIC
(1) ELECTRICIAN MECHANIC

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	GENERATOR TEST BARGE

1. State the primary purpose(s) of the facility/equipment.

ELECTRICAL TESTING OF POWER GENERATING EQUIPMENT WHICH INCLUDES SHIPS SERVICE GENERATORS UP TO AND INCLUDING 2500 KW. ALSO PROVIDES AIRCRAFT SERVICING POWER REQUIREMENTS FOR SURFACE SHIP FLIGHT DECK CERTIFICATION.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 1,100,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 394 TONS Cube = 22,048 CU. FT.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

BERTHING AND SHORE POWER

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

LBNSY ACQUIRED THE BARGE IN 1992. BARGE WAS RETROFITTED IN 1993.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE = 100%

HISTORICAL UTILIZATION AVERAGE = 40% (1993), (1989-1992 = 0%)

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTIIZATION = 20% THROUGH 1997.

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) ELECTRICAL TEST LEADER
(4) ELECTRICAL TEST MECHANICS
(2) ELECTRICIAN MECHANICS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) ELECTRICIAN LEADER
(1) ELECTRICIAN HELPER

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	BLAST AND RECOVERY SYSTEM

1. State the primary purpose(s) of the facility/equipment.

ABRASIVE BLASTING STEEL GRIT RECYCLING RECOVERY SYSTEM USED TO REMOVE EXISTING PAINT, RUST, SCALE, SEA GROWTH FROM THE UNDERSIDE AND FREEBOARD OF VARIOUS CLASSES OF SHIPS, STRUCTURAL SHAPES, AND DECK HOUSE ASSEMBLIES.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

PORTABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 596,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 5,000 LB. Cube = 2,560 CU.FT.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

AIR SUPPLY

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

DRYER UNITS TO CONTROL HUMIDITY LEVELS AND A FILTER SYSTEM TO REDUCE/ELIMINATE FUGITIVE DUST.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NONE

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

COMMON CARRIER, 1992

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE = 100%

HISTORICAL UTILIZATION AVERAGE = 50% (1993) (1989-1992 = 0%)

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 50% THROUGH 1997

13. What is the approximate number of personnel used to operate the facility/equipment?

(6) MECHANICS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) MAINTENANCE MECHANIC

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	SHIPS HULL SIDE CLEANING (ELECTRIC)

1. State the primary purpose(s) of the facility/equipment.

AN ENVIRONMENTALLY ENGINEERED AND CONSTRUCTED PIECE OF EQUIPMENT USED FOR PAINT REMOVAL FROM HULLS, TANKS, AND UNDERWATER BODY HULLS OF NAVAL SHIPS PRIOR TO INSPECTION AND PRESERVATION.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

PORTABLE (SELF PROPELLED)

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 2,119,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 52,000 LB Cube = 6884 CU. FT.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

A SELF CONTAINED PORTABLE DIESEL GENERATOR TO PROVIDE ELECTRICAL POWER TO TRANSPORT UNITS.

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

BARGE AND COMMON CARRIER - 1975

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE = 100%

HISTORICAL UTILIZATION AVERAGE = 35% (1989 - 1993)

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 35% THROUGH 1997

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) MACHINE OPERATOR
(1) MECHANICAL MECHANIC

14. What is the approximate number of personnel needed to maintain the equipment?

(1) ELECTRICIAN
(1) MECHANICAL MECHANIC
(1) ELECTRONIC MECHANIC

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	SIDE BLASTER DIESEL (2 EACH)

1. State the primary purpose(s) of the facility/equipment.

PROVIDE ENVIRONMENTALLY CLEAN SYSTEM OF REMOVING PAINT, RUST, SCALE AND MARINE GROWTH FROM SHIP HULLS

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

PORTABLE (SELF-PROPELLED)

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 2,500,000 EACH

4. Provide the gross weight and cube of the facility.

Gross Weight = 50,000 LB. Cube = 842 CU. FT.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

DIESEL FUEL

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

AIR QUALITY PERMIT REQUIRED IN THE STATE OF CALIFORNIA

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

THESE UNITS HAVE BEEN LOANED IN THE PAST AND IT REQUIRES THAT THEY BE DISASSEMBLED AT A COST OF $100,000 PER UNIT

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

9. Indicate how and when the facility/equipment was transported and or constructed at the site.
BARGE AND COMMON CARRIER - 1982

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE = 100%

HISTORICAL UTILIZATION AVERAGE = 35% (1989 - 1993)

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 35% THROUGH 1997

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) OPERATOR
(1) CLEARANCE UNIT WORKER

14. What is the approximate number of personnel needed to maintain the equipment?

(1) HYDRAULIC MACHINERY MECHANIC
(1) MECHANICAL MECHANIC

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	MULTI MEDIA BLASTING.PAINTING AND DRYING FACILITY

1. State the primary purpose(s) of the facility/equipment.

CONDUCT ENVIRONMENTALLY COMPLIANT SANDBLASTING, PAINTING, AND DRYING PROCESSES ON LARGE METAL STRUCTURAL SHAPES IN SUPPORT OF SHIP REPAIR AND MODERNIZATION.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

FIXED

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 7,200,000

4. Provide the gross weight and cube of the facility.

Gross Weight = N/A Cube = N/A (BUILDING)

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

HEAT CONTROLLED EXHAUST SYSTEM, DOWN DRAFT WET SCRUBBER VENTILATION AIR WATER GAS (NEGATIVE PRESSURE)

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

SOUND DAMPERS, BLASTING, DUST COLLECTION FILTER SYSTEM

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

MULTIMEDIA CONTROL SYSTEM REQUIRED . WASTE COLLECTION FOR SLUDGE AND PAINT.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

IT WOULD BE EXTREMELY DIFFICULT TO RELOCATE; IT IS A FIXED ASSET PERMITTED FOR PAINTING .

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

COMMON CARRIER 1977

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE = 100%

HISTORICAL UTILIZATION AVERAGE = 125% (1989 - 1993). UTILIZED FULL TIME ON DAY SHIFT AND 25% OF THE TIME ON THE BACK SHIFT.

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 112 % THROUGH 1997.

13. What is the approximate number of personnel used to operate the facility/equipment?

(2) SAND BLASTERS
(1) EQUIPMENT CLEANER
(4) PAINTERS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) ELECTRICIAN
(1) MECHANICAL MECHANIC

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	CHEMICAL BARGE SWOB - 14

1. State the primary purpose(s) of the facility/equipment.

PROVIDES A COLLECTION AND STORAGE SYSTEM FOR LIQUID CHEMICAL WASTE RESULTING FROM OFF-LOADING OF SHIP'S HAZARDOUS WASTE AND INDUSTRIAL WORK PROCESSES.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 230,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 73,000 Cube = 27,216 C/F

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NONE

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

MODIFIED AT LBNS, 1975

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	RECOMPRESSION CHAMBER BU/SHIPS STOCK#S23-C-32950-200

1. State the primary purpose(s) of the facility/equipment.

USED FOR MEDICAL TREATMENT OF BAURO-TRAMA RELATED INJURIES & PRESSURE TOLERANCE TESTING, (COMMONLY KNOWN AS BENDS).

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 550,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 18,000 LB Cube = 500 CU. FT.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

"LIFE-CRITICAL" SUPPLY SYSTEMS FOR OXYGEN, CO_2

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

TEMPERATURE AND HUMIDITY CONTROLS DUST-FREE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

RELOCATION REQUIRES DISASSEMBLY/ REASSEMBLY AND AN EXTENSIVE CERTIFICATION PROCESS. IF THE UNIT IS MOVED, MEDICAL EMERGENCIES WILL HAVE TO BE TREATED 75 MILES AWAY IN SAN DIEGO VIA AIR MEDIVAC.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

DELIVERED BY COMMON CARRIER IN 1972. INSTALLED WITH TRUCK CRANE AND HEAVY-DUTY FORKLIFT.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.2 PLATFORMS/AIRCRAFT
1.3 PLATFORMS/SURFACE SHIP
4.2 SPECIAL OPERATIONS SUPPORT/COASTAL/SPECIAL WARFARE SUPPORT
10.4 GENERAL MISSION SUPPORT/DIVING, SALVAGE AND OCEAN ENGINEERING

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

UNIT OF MEASURE: UNDERWATER DIVE OPERATIONS
HISTORICAL UTILIZATION AVERAGE = 36 DIVES PER YEAR (1989 - 1993)
1989 = 41 1990 = 20 1991 = 40 1992 = 58 1993 = 21

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 30 UNDERWATER DIVE OPERATIONS THROUGH 1997

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) SUPERVISOR DIVER
(1) DIVING MEDICAL OFFICER
(4) DIVERS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) DIVER

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE = 100%

HISTORICAL UTILIZATION AVERAGE = 85%

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION AVERAGE = 85% THROUGH 1997.

13. What is the approximate number of personnel used to operate the facility/equipment?

(2) EQUIPMENT CLEANERS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) MAINTENANCE MECHANIC

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	ELWELL PARKER PLATFORM LIFTS

1. State the primary purpose(s) of the facility/equipment.

USED FOR REMOVAL AND INSTALLATION OF PROPULSION SHAFTS, PROPELLERS, AND RUDDERS. ALSO MOVES HEAVY ANCHORS, CHAIN AND LARGE MACHINERY INSIDE BUILDINGS. DIESEL POWERED, SELF PROPELLED WITH A PLATFORM DESIGNED TO MOVE LATERALLY AS WELL AS VERTICALLY. CAPABLE OF LIFTING OBJECTS WEIGHING 120,000 LBS.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 991,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 53,400 LB Cube = 1920 CU. FT.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

TRANSPORTED BY SPECIAL EQUIPMENT TRAILER. INSTALLED BY MANFACTURER 1989/90.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE = 100%

HISTORICAL UTILIZATION = 9%

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 8 % THROUGH 1997.

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) OPERATOR

14. What is the approximate number of personnel needed to maintain the equipment?

(1) H M E MECHANIC
(1) H M E ELECTRICIAN

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	YD-171 FLOATING CRANE

1. State the primary purpose(s) of the facility/equipment.

USED TO LIFT LARGE EQUIPMENT , COMPONENTS, MATERIALS AND SUPPLIES IN SUPPORT OF SHIP MODERNIZATION AND REPAIR FROM A FLOATING PLATFORM. LIFT CAPABILITY UP TO 368 TONS TO A HEIGHT EXCEEDING 150 FEET. CRANE IS SELF PROPELLED CAPABLE, ONE OF A KIND WITH LEVEL LUFFING, CANTILEVER BOOM. CAPABLE OF REACHING TALLEST STRUCTURE ONBOARD "CV", "CVN", "LHA", AND "LHD" CLASS SHIPS.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 15-20 million

4. Provide the gross weight and cube of the facility.

Gross Weight =5,500 TONS Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing)

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

THIS IS A ONE OF A KIND CRANE.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

TRANSPORTED FROM GERMANY IN AUG. 1946, RE-CONTRUCTED AT LBNSY, & PLACED IN SERVICE DEC. 1948

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP
2.9 WEAPONS SYSTEMS/FIRE CONTROL

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE = 100%

HISTORICAL UTILIZATION AVERAGE = 1989 - 75% 1990 - 62% 1991 - 42%
1992 - 48% 1993 - 11% AVERAGE UTILIZATION RATE = 48%

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 0% THROUGH 1997. CRANE IS CURRENTLY EXCESS CAPACITY, BUT COULD BE PLACED BACK INTO SERVICE.

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) SUPERVISOR
(1) CRANE OPERATOR
(1) H M E MECHANIC
(1) H M E ELECTRICIAN
(6) RIGGERS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) H M E MECH. INSPECTOR
(1) H M E ELECTRICIAN INSPECTOR
(1) STRUCTURAL ENG.
(1) MECHANICAL ENG.
(1) TEST DIRECTOR
(1) H M E ELECTRICIANS
(2) H M E MECHANICS
(1) OILER

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	X-RAY UNIT

1. State the primary purpose(s) of the facility/equipment.

24 HOUR X-RAY CAPABILITY IN SUPPORT OF NON-SHIP AND SHIP APPLICATIONS OF NON-DESTRUCTIVE INSPECTION FOR ANY TYPE OF STRUCTURAL MEMBERS (STEEL, ALUMINUM, ETC.) OF ANY SIZE/THICKNESS. ALSO, NDT INSPECTIONS OF HIGH PRESSURE SYSTEMS.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

FIXED

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 500,000

4. Provide the gross weight and cube of the facility.

Gross Weight = N/A Cube = 3,840 CU. FT.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

BUILDING 52 X-RAY VAULT 16' X 20' PERMANENT FACILITIES WITH 24" INCH BARIUM WALLS, 300 KV X-RAY MACHINE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

COMMON CARRIER, SEPT 1974

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE = 100%

HISTORICAL UTILIZATION AVERAGE = 40% (1989 - 1993)

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 20 % PER YEAR BASED ON 40 HOUR WORK WEEK

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) RADIOGRAPHER
(1) RADIOGRAPHER ASSISTANT

14. What is the approximate number of personnel needed to maintain the equipment?

(1) RADIOGRAPHER
(1) RADIOGRAPHER ASSISTANT

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	
Facility or Equipment Nomenclature or Title	INDUSTRIAL LABORATORY FACILITY

1. State the primary purpose(s) of the facility/equipment.

NATIONALLY RECOGNIZED STATE OF CALIFORNIA CERTIFIED ENVIRONMENTAL TESTING LABORATORY PROVIDING A FULL SPECTRUM OF CHEMICAL AND METALLURGICAL LABORATORY ANALYSIS.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 1,775,980

4. Provide the gross weight and cube of the facility.

Gross Weight = 15,927 LB. Cube = 16,500 KSF

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

CONTINOUS FILTERED AND SURGE PROTECTED ELECTRICAL POWER WITH REDUNDANT BACKUP SYSTEMS IN CASE OF POWER LOSS TO PREVENT DAMAGE TO SENSITIVE LABORATORY EQUIPMENT.

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

MAINTENANCE CONTRACTS FOR ALL LABORATORY EQUIPMENT AS WELL AS UNIQUE CALIBRATION STANDARDS FOR ENVIRONMENTAL TESTING AND OTHER CONSUMABLES TOTAL AN AVERAGE ANNUAL EXPENDITURE OF $142,000.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

TEMPERATURE AND HUMIDITY CONTROLS ARE REQUIRED BY EQUIPMENT DESIGN AND LABORATORY TESTING PARAMETERS AT 68 DEGREES + OR - 2 DEGREES AND HUMIDITY OF 50% + OR - 3%.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

LABORATORY HAS JUST COMPLETED A COMPLETE RENOVATION AND MODERIZATION AT A COST OF ONE-MILLION DOLLARS WHICH INCLUDED STATE OF THE ART ENVIRONMENTAL CONTROLS. LABORATORY IS THE ONLY NATIONALLY RECOGNIZED STATE OF CALIFORNIA CERTIFIED ENVIRONMENTAL TESTING LABORATORY. THIS FACILITY WAS DESIGNED AROUND THE LABORATORY EQUIPMENT TO MAXIMIZE ITS POTENTIAL. THE DESIGN ALLOWS TESTING TO BE ACCOMPLISHED IN A MORE COST EFFECTIVE MANNER AT A GREATLY REDUCED COST PER SAMPLE THAN COMMERCIAL LABORATORIES CAN OFFER. COST PER SAMPLE REMAINS STABLE AND IS NOT ESCALTED IN PROPORTION TO THE REQUIRED TURN AROUND TIME THAT IS REQUESTED BY THE CUSTOMER UNLIKE COMMERCIAL LABORATORIES. COST OF RELOCATING THE LABORATORY WOULD BE PROHIBITIVE AND WOULD REQUIRE NOT ONLY DEMOLITION OF VARIOUS AREAS OF THE BUILDING TO MOVE EQUIPMENT, AND TECHNICAL ASSISSTANCE IS REQUIRED BY MANUFACTURER TO MOVE, SET-UP AND REALIGN EQUIPMENT PRIOR TO USE AT AN ADDITIONAL SIGNIFICANT EXPENDITURE.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

LABORATORY EQUIPMENT WAS TRANSPORTED, SET-UP AND ALIGNED BY RESPECTIVE EQUIPMENT MANUFACTURES. EXTENSIVE BUILDING UPGRADES AND ENVIRONMENTAL CONTROLS WERE ACCOMPLISHED IN FY-93 TO MEET STATE OF CALIFORNIA ENVIRONMENTAL TESTING CERTIFICATION REQUIREMENTS. LABORATORY EQUIPMENT HAS BEEN CONTINOUSLY UPGRADED OVER THE YEARS AND IS PRESENTLY A STATE OF THE ART LABORATORY.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP
2.1 WEAPONS SYSTEMS/GUN SYSTEMS
2.8 WEAPONS SYSTEMS/LAUNCHERS
2.9 WEAPONS SYSTEMS/FIRE CONTROL
3.3 COMBAT SYSTEM INTEGRATION/SURFACE
5.1 SENSORS & SURVEILLANCE SYSTEMS/SONAR SYSTEMS
5.2 SENSORS & SURVEILLANCE SYSTEMS/RADAR SYSTEMS
10.5 GENERAL MISSION SUPPORT/ENVIRONMENTAL DESCRIPTION, PREDICTION, AND EFFECTS

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

UTILIZATION AVERAGE IS BASED ON HISTORICAL AVERAGE USAGE DATA OF LABORATORY EQUIPMENT BASED ON ACTUAL ANALYSIS ACCOMPLISHED. AVERAGE EQUIPMENT USAGE IS BASED ON A TWO SHIFT EVOLUTION AND WEEK-END WORK HAS BEEN FACTORED IN. AVERAGE UTILIZATION OF LABORATORY EQUIPMENT IS 10 HOURS PER DAY FOR FY-89 THROUGH FY-93. THE REMAINING TIME IS ACCOUNTED FOR CONDUCTING ANALYSIS INTERPRETATION AND REPORT GENERATION.

12. Provide the projected utilization data out to FY 1997.

PROJECTED LABORATORY UTILIZATION MAY INCREASE SLIGHTLY OVER FY-1989 - 1993 AS A RESULT OF STATE CERTIFICATION BY THE STATE OF CALIFORNIA FOR ENVIRONMENTAL TESTING. PROJECTED INCREASE BASED ON ADDITIONAL TESTING REQUIREMENTS IS ESTIMATED AT 11 HOURS PER DAY AVERAGE.

13. What is the approximate number of personnel used to operate the equipment?

(10) TECHNICIANS

14. What is the approximate number of personnel needed to maintain the equipment?

ROUTINE MAINTENANCE IS CONDUCTED BY THE 10 PRINCIPLE ANALYSIS AND COMPLEX REPAIRS AND ALIGNMENTS ARE ACCOMPLISHED BY FACTORY TECHNICIANS.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	B-108 Industrial Waste Treatment Plant (IWTP)

1. State the primary purpose(s) of the facility/equipment.

THE INDUSTRIAL WASTE TREATMENT PLANT PRECIPITATES HEAVY METALS AND REDUCES NITRATES/NITRITES TO MEET FEDERAL, STATE, AND LOCAL DISCHARGE LIMITS AND PROVIDES A COMPREHENSIVE RANGE OF INDUSTRIAL WASTEWATER TREATMENT TECHNOLOGY AND RELATED LAB ANALYSIS.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

FIXED

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 8,540,000

4. Provide the gross weight and cube of the facility.

Gross Weight = N/A Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

ARGON GAS, ACETYLENE, NITROGEN, SO2, HELIUM

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

CLOSED-LOOP HEAVY METAL FILTRATION

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

CERTIFIED BY STATE, PERMIT BY RULE TO OPERATE FACILITY, AIR PERMITS FROM AQMD. THE LAB SPACE IS A TEMPERATURE CONTROLLED AREA FOR TESTING INDUSTRIAL WASTE WATER.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

THE FACILITY WOULD BE EXTREMELY DIFFICULT TO RELOCATE, AS MOST OF THE FACILITY IS PERMANENT, NOT PORTABLE. LOSS OF THIS FACILITY WOULD RESULT IN A 300% INCREASE IN THE COST OF INDUSTRIAL WASTE TREATMENT.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

CONSTRUCTED IN APRIL 1986.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used

UNIT OF MEASURE: GALLONS
HISTORICAL UTILIZATION AVERAGE = 1989 - 0 1990 - 0 1991 - 240,000
1992 - 600,000 1993 - 2,040,000

12. Provide the projected utilization data out to FY 1997. Gallons

PROJECTED UTILIZATION = 1994 - 100%, 1995 - 100%, 1996 - 100%,
1997 - 100%

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) UTILITIES SUPERVISOR
(1) CHEMIST
(4) OPERATORS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) INDUSTRIAL EQUIPMENT CONTROL MECHANIC
(1) ELECTRICIAN
(1) PIPEFITTER
(1) MACHINIST

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNS
Facility or Equipment Nomenclature or Title	Hazardous Waste Transfer Storage Disposal Facility (TSDF) BLDG. 314

1. State the primary purpose(s) of the facility/equipment.

THIS PERMITTED TRANSFER, STORAGE, AND DISPOSAL FACILITY (TSDF) IS FULLY COMPLIANT, ENVIRONMENTALLY CONTROLLED, AND REGULATED FOR THE STORAGE OF 36,520 GALLONS OF HAZARDOUS WASTE FOR UP TO ONE (1) YEAR.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

FIXED

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $635,609

4. Provide the gross weight and cube of the facility.

Gross Weight = N/A Cube = N/A

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

CONTAINMENT AREA WITH BERM AND SPECIAL SEALED SURFACE TO PREVENT LEACHING OF ANY HAZARDOUS WASTE. COSTS OF UPDATING PART "B" PERMIT EVERY 5 YEARS IS NEEDED TO OPERATE BLDG. 314 (TSDF).

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

CERTIFIED BY STATE OF CALIFORNIA WITH PART "B" PERMIT REQUIREMENT TO OPERATE FACILITY (TSDF).

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

NO

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

3 JUNE 1988 (CONSTRUCTION DATE).

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used

UNIT OF MEASURE: TONS PER YEAR
HISTORICAL UTILIZATION AVERAGE = 1989 - 3000, 1990 - 3000, 1991 - 3000, 1992 - 3500, 1993 - 3500

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION IN TONS PER YEAR:
1994 - 1500, 1995 - 1500, 1996 - 2000, 1997 - 2000

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) SUPERVISOR
(1) SECRETARY/DATA ENTRY CLERK
(1) ENVIRONMENTAL ENGINEER
(6) INSPECTORS
(7) WASTE HANDLERS

14. What is the approximate number of personnel needed to maintain the equipment?

(2) MAINTENANCE MECHANICS

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	Star Iron 50 Ton Portal Crane (3 ea.)

1. State the primary purpose(s) of the facility/equipment.

USED TO LIFT LARGE EQUIPMENT, COMPONENTS, MATERIALS AND SUPPLIES IN SUPPORT OF NAVAL SHIP MODERNIZATION AND REPAIR. SEMI-FIXED TO TRAVEL ON RAILS, LOCATED ON PIERS AND AROUND DRYDOCKS, CAPABLE OF LIFTING LARGE ASSEMBLIES/SUB-ASSEMBLIES WEIGHING 50 TONS. CAN PLACE LARGE SHAFTS, PROPELLERS, ANCHORS, CHAIN AND HEAVY SUPPORT EQUIPMENT INTO DRYDOCKS. CAN PLACE LARGE ANTENNA, MISSILE LAUNCHERS, GUN MOUNTS AND HEAVY MACHINERY ABOARD SHIP UP TO 135 FEET. CAN TRAVERSE THE LENGTH OF THE PIER OR AROUND THE DRYDOCK WITH THE LOAD SUSPENDED IN THE AIR,

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 5 MIL EA.

4. Provide the gross weight and cube of the facility.

Gross Weight = 638 TONS Cube = _

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

RELOCATION REQUIRES MAJOR DISASSEMBLY, DIFFICULTIES IN TRANSPORTING, AND REASSEMBLY AT NEW LOCATION.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

TRANSPORTED IN SECTIONS AND ASSEMBLED BY MANUFACTURER ON SITE.
1 - 1944, 2 - 1945.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIP
2.9 WEAPONS SYSTEMS/FIRE CONTROL

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE = 100%
Average historical utilization = 90%

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 80%

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CRANE OPERATOR
(2) CRANE RIGGERS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) CRANE OPERATOR
(1) ELECTRICIAN
(2) MECHANICS
(1) OILER
(2) INSPECTORS
(3) ENGINEERS
(1) TEST DIRECTOR

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	DRAVO 67 TON PORTAL CRANE (1 EA.)

1. State the primary purpose(s) of the facility/equipment.

USED TO LIFT LARGE EQUIPMENT, COMPONENTS, MATERIALS AND SUPPLIES IN SUPPORT OF NAVAL SHIP MODERNIZATION AND REPAIR. SEMI-FIXED TO TRAVEL ON RAILS, LOCATED ON PIERS AND AROUND DRYDOCKS, CAPABLE OF LIFTING LARGE ASSEMBLIES/SUB-ASSEMBLIES WEIGHING UP TO 50 TONS. CAN PLACE LARGE SHAFTS, PROELLERS, ANCHORS, CHAIN AND HEAVY SUPPORT EQUIPMENT INTO DRYDOCKS. CAN PALCE LARGE ANTENNA, MISSILE LAUNCHERS, GUN MOUNTS, AND HEAVY MACHINERY ABOARD SHIP TO A HEIGHT OF 135 FEET. CAN TRAVERSE THE LENGTH OF THE PIER OR AROUND THE DRYDOCK WITH THE LOAD SUSPENDED IN THE AIR.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 5 MIL

4. Provide the gross weight and cube of the facility.

Gross Weight = 750 TONS Cube = _

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

RELOCATION REQUIRES MAJOR DISASSEMBLY, DIFFICULTIES IN TRANSPORTING, AND ASSEMBLY AT NEW LOCATION.

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

TRANSPORTED IN SECTIONS AND ASSEMBLED BY MANUFACTURER ON SITE, 1944.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIPS
2.9 WEAPON SYSTEM/FIRE CONTROL

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE = 100%
AVERAGE HISTORICAL UTILIZATION = 90%

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 80%

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CRANE OPERATOR
(2) CRANE RIGGERS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) CRANE OPERATOR
(1) ELECTRICIAN
(2) MECHANICS
(1) OILER
(1) WELDER
(2) INSPECTORS
(3) ENGINEERS
(1) TEST DIRECTOR
(1) RIGGER

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	STAR IRON 25 TON PORTAL CRANE (4 EA.)

1. State the primary purpose(s) of the facility/equipment.

USED TO LIFT EQUIPMENT, COMPONENTS, MATERIALS AND SUPPLIES IN SUPPORT OF NAVAL SHIP MODERNIZATION AND REPAIR. SEMI-FIXED TO TRAVEL ON RAILS, LOCATED ON PIERS AND AROUND DRYDOCKS, CAPABLE OF LIFTING LARGE ASSEMBLIES/SUB-ASSEMBLIES WEIGHING UP TO 50 TONS. CAN PLACE LARGE SHAFTS, PROPELLERS, ANCHORS, CHAIN AND HEAVY SUPPORT EQUIPMENT INTO DRYDOCKS. CAN PLACE LARGE ANTENNA, MISSILE LAUNCHERS, GUN MOUNTS AND HEAVY MACHINERY ABOARD SHIP TO A HEIGHT OF 135 FEET. CAN TRANSVERSE THE LENGTH OF THE PIER OR AROUND THE DRYDOCK WITH THE LOAD SUSPENDED IN THE AIR.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 3.5 MIL

4. Provide the gross weight and cube of the facility.

Gross Weight = 291 TONS Cube = _

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

RELOCATION REQUIRES MAJOR DISASSEMBLY, DIFFICULTIES IN TRANSPORTING, AND RE-ASSEMBLY AT NEW LOCATION.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

TRANSPORTED IN SECTIONS AND ASSEMBLED BY MANUFACTURER ON SITE. 2 - 1944, 2 - 1945.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SUBRACE SHIPS
2.9 WEAPONS SYSTEMS/FIRE CONTROL

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%.
HISTORICAL UTILIZATION AVERAGE = 90%.

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 80%

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CRANE OPERATOR
(2) CRANE RIGGERS
(1) TRACK WALKER

14. What is the approximate number of personnel needed to maintain the equipment?

(1) CRANE OPERATOR
(1) ELECTRICIAN
(2) MECHANICS
(2) INSPECTORS
(3) ENGINEERS
(1) TEST DIRECTOR

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	EDERER 50 TON BRIDGE CRANE

1. State the primary purpose(s) of the facility/equipment.

USED TO LIFT EQUIPMENT, COMPONENTS, AND MATERIALS INSIDE OF SHOP WORK AREAS IN SUPPORT OF NAVAL SHIP MODERNIZATION AND REPAIR. LOCATED IN THE OVERHEAD, SUPPORTED BY TWO RAILS, SPANNING THE WIDTH OF A BAY OR BUILDING ON TWO RAILS. CAPABLE OF TRAVELING THE LENGTH AND TRAVERSING THE WIDTH OF THE WORK AREA WITH THE LOAD SUSPENDED IN THE AIR. HANDLES INDIVIDUAL COMPONENTS AND SUB-ASSEMBLIES UP TO FIFTY TONS IN WEIGHT. TWO CRANES CAN WORK TOGETHER TO HANDLE LARGE DECK HOUSE ASSEMBLIES THAT HAVE BEEN PREFABRICATED FOR INSTALLATION ABOARD SHIPS.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 700K

4. Provide the gross weight and cube of the facility.

Gross Weight = 75 TONS Cube = _

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

RELOCATION REQUIRES MAJOR DISASSEMBLY AND ASSEMBLY AT NEW LOCATION.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

TRANSPORTED VIA RAIL AND TRUCK IN SECTIONS. ASSEMBLED ON SITE BY MANUFACTURER 197O.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS / SURFACE SHIPS
2.9 WEAPONS SYSTEMS / FIRE CONTROL

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%
HISTORICAL UTILIZATION AVERAGE = 90%

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 60%

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CRANE OPERATOR
(2) CRANE RIGGERS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) CRANE OPERATOR
(1) MECHANIC
(1) ELECTRICIAN
(1) TEST DIRECTOR
(1) OILER
(2) INSPECTORS
(3) ENGINEERS

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	HARNISCHFEGER 20 TON BRIDGE CRANE (2 EACH)

1. State the primary purpose(s) of the facility/equipment.

USED TO LIFT EQUIPMENT, COMPONENTS, AND MATERIALS INSIDE OF SHOP WORK AREAS IN SUPPORT OF NAVAL SHIP MODERNIZATION AND REPAIR. LOCATED IN THE OVERHEAD, SUPPORTED BY TWO RAILS, SPANNING THE WIDTH OF A BAY OR BUILDING ON TWO RAILS. CAPABLE OF TRAVELING THE LENGTH AND TRAVERSING THE WIDTH OF THE WORK AREA WITH THE LOAD SUSPENDED IN THE AIR. HANDLES INDIVIDUAL COMPONENTS AND SUB-ASSEMBLIES UP TO FIFTY TONS IN WEIGHT. TWO CRANES CAN WORK TOGETHER TO HANDLE LARGE DECK HOUSE ASSEMBLIES THAT HAVE BEEN PREFABRICATED FOR INSTALLATION ABOARD SHIPS.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 500 K

4. Provide the gross weight and cube of the facility.

Gross Weight = 50 TONS Cube = _

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

RELOCATION REQUIRES MAJOR DISASSEMBLY AND RE-ASSEMBLY AT NEW LOCATION.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.
TRANSPORTED VIA RAIL AND TRUCK IN SECTIONS. ASSEMBLED ON SITE BY MANUFACTURER.
1941

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS / SURFACE SHIPS
2.9 WEAPONS SYSTEMS / FIRE CONTROL

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%
HISTORICAL UTILIZATION AVERAGE = 90%

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 60%

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CRANE OPERATOR
(2) CRANE RIGGERS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) CRANE OPERATOR
(1) MECHANIC
(1) ELECTRICIAN
(1) TEST DIRECTOR
(1) OILER
(2) INSPECTORS
(3) ENGINEERS

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	MANNING MAXWELL 20 TON BRIDGE CRANE

1. State the primary purpose(s) of the facility/equipment.

USED TO LIFT EQUIPMENT, COMPONENTS, AND MATERIALS INSIDE OF SHOP WORK AREAS IN SUPPORT OF NAVAL SHIP MODERNIZATION AND REPAIR. LOCATED IN THE OVERHEAD, SUPPORTED BY TWO RAILS, SPANNING THE WIDTH OF A BAY OR BUILDING ON TWO RAILS. CAPABLE OF TRAVELING THE LENGTH AND TRAVERSING THE WIDTH OF THE WORK AREA WITH THE LOAD SUSPENDED IN THE AIR. HANDLES INDIVIDUAL COMPONENTS AND SUB-ASSEMBLIES UP TO FIFTY TONS IN WEIGHT. TWO CRANES CAN WORK TOGETHER TO HANDLE LARGE DECK HOUSE ASSEMBLIES THAT HAVE BEEN PREFABRICATED FOR INSTALLATION ABOARD SHIPS.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 500K

4. Provide the gross weight and cube of the facility.

Gross Weight = 50 TONS Cube = _

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

RELOCATION REQUIRES MAJOR DISASSEMBLY AND RE-ASSEMBLY AT NEW LOCATION.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

TRANSPORTED VIA RAIL AND TRUCK IN SECTIONS. ASSEMBLED ON SITE BY MANUFACTURER. 1958.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS / SURFACE SHIPS
2.9 WEAPONS SYSTEMS / FIRE CONTROL

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%
HISTORICAL UTILIZATION AVERAGE = 90%

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 60%

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CRANE OPERATOR
(2) CRANE RIGGERS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) CRANE OPERATOR	(1) OILER
(1) MECHANIC	(2) INSPECTORS
(1) ELECTRICIAN	(3) ENGINEERS
(1) TEST DIRECTOR	

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	CYCLOPS 50 TON BRIDGE CRANE (2 EACH)

1. State the primary purpose(s) of the facility/equipment.

USED TO LIFT EQUIPMENT, COMPONENTS, AND MATERIALS INSIDE OF SHOP WORK AREAS IN SUPPORT OF NAVAL SHIP MODERNIZATION AND REPAIR. LOCATED IN THE OVERHEAD, SUPPORTED BY TWO RAILS, SPANNING THE WIDTH OF A BAY OR BUILDING ON TWO RAILS. CAPABLE OF TRAVELING THE LENGTH AND TRAVERSING THE WIDTH OF THE WORK AREA WITH THE LOAD SUSPENDED IN THE AIR. HANDLES INDIVIDUAL COMPONENTS AND SUB-ASSEMBLIES UP TO FIFTY TONS IN WEIGHT. TWO CRANES CAN WORK TOGETHER TO HANDLE LARGE DECK HOUSE ASSEMBLIES THAT HAVE BEEN PREFABRICATED FOR INSTALLATION ABOARD SHIPS.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 700K

4. Provide the gross weight and cube of the facility.

Gross Weight = 75 TON Cube = _

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

RELOCATION REQUIRES MAJOR DISASSEMBLY AND RE-ASSEMBLY AT NEW LOCATION.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

TRANSPORTED VIA RAIL AND TRUCK IN SECTIONS. ASSEMBLED ON SITE BY MANUFACTURER. 1946.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS / SURFACE SHIPS
2.9 WEAPONS SYSTEMS / FIRE CONTROL

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%
HISTORICAL UTILIZATION AVERAGE = 90%

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 60%

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CRANE OPERATOR
(2) CRANE RIGGERS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) CRANE OPERATOR	(1) OILER
(1) MECHANIC	(2) INSPECTORS
(1) ELECTRICIAN	(3) ENGINEERS
(1) TEST DIRECTOR	

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	BAY AREA 20 TON BRIDGE CRANE

1. State the primary purpose(s) of the facility/equipment.

USED TO LIFT EQUIPMENT, COMPONENTS, AND MATERIALS INSIDE OF SHOP WORK AREAS IN SUPPORT OF NAVAL SHIP MODERNIZATION AND REPAIR. LOCATED IN THE OVERHEAD, SUPPORTED BY TWO RAILS, SPANNING THE WIDTH OF A BAY OR BUILDING ON TWO RAILS. CAPABLE OF TRAVELING THE LENGTH AND TRAVERSING THE WIDTH OF THE WORK AREA WITH THE LOAD SUSPENDED IN THE AIR. HANDLES INDIVIDUAL COMPONENTS AND SUB-ASSEMBLIES UP TO FIFTY TONS IN WEIGHT. TWO CRANES CAN WORK TOGETHER TO HANDLE LARGE DECK HOUSE ASSEMBLIES THAT HAVE BEEN PREFABRICATED FOR INSTALLATION ABOARD SHIPS.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 500K

4. Provide the gross weight and cube of the facility.

Gross Weight = 50 TONS Cube = _

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

RELOCATION REQUIRES MAJOR DISASSEMBLY AND RE-ASSEMBLY AT NEW LOCATION.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

TRANSPORTED VIA RAIL AND TRUCK IN SECTIONS. ASSEMBLED ON SITE BY MANUFACTURER. 1977.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS / SURFACE SHIPS
2.9 WEAPONS SYSTEMS / FIRE CONTROL

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT)AVAILABLE=100%
HISTORICAL UTILIZATION AVERAGE = 90 %

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 60%

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CRANE OPERATOR
(2) CRANE RIGGERS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) CRANE OPERATOR	(1) OILER
(1) MECHANIC	(2) INSPECTORS
(1) ELECTRICIAN	(3) ENGINEERS
(1) TEST DIRECTOR	

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	HECO PACIFIC 35 TON BRIDGE CRANE

1. State the primary purpose(s) of the facility/equipment.

USED TO LIFT EQUIPMENT, COMPONENTS, AND MATERIALS INSIDE OF SHOP WORK AREAS IN SUPPORT OF NAVAL SHIP MODERNIZATION AND REPAIR. LOCATED IN THE OVERHEAD, SUPPORTED BY TWO RAILS, SPANNING THE WIDTH OF A BAY OR BUILDING ON TWO RAILS. CAPABLE OF TRAVELING THE LENGTH AND TRAVERSING THE WIDTH OF THE WORK AREA WITH THE LOAD SUSPENDED IN THE AIR. HANDLES INDIVIDUAL COMPONENTS AND SUB-ASSEMBLIES UP TO FIFTY TONS IN WEIGHT. TWO CRANES CAN WORK TOGETHER TO HANDLE LARGE DECK HOUSE ASSEMBLIES THAT HAVE BEEN PREFABRICATED FOR INSTALLATION ABOARD SHIPS.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 500K

4. Provide the gross weight and cube of the facility.

Gross Weight = 50 TONS Cube = _

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

RELOCATION REQUIRES MAJOR DISASSEMBLY AND RE-ASSEMBLY AT NEW LOCATION.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

TRANSPORTED VIA RAIL AND TRUCK IN SECTIONS. ASSEMBLED ON SITE BY MANUFACTURER. 1978.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS / SURFACE SHIPS
2.9 WEAPONS SYSTEMS / FIRE CONTROL

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%
HISTORICAL UTILIZATION AVERAGE = 90%

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 60%

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CRANE OPERATOR
(2) CRANE RIGGERS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) CRANE OPERATOR	(1) OILER
(1) MECHANIC	(2) INSPECTORS
(1) ELECTRICIAN	(3) ENGINEERS
(1) TEST DIRECTOR	

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	HECO PACIFIC 50 TON BRIDGE CRANE

1. State the primary purpose(s) of the facility/equipment.

USED TO LIFT EQUIPMENT, COMPONENTS, AND MATERIALS INSIDE OF SHOP WORK AREAS IN SUPPORT OF NAVAL SHIP MODERNIZATION AND REPAIR. LOCATED IN THE OVERHEAD, SUPPORTED BY TWO RAILS, SPANNING THE WIDTH OF A BAY OR BUILDING ON TWO RAILS. CAPABLE OF TRAVELING THE LENGTH AND TRAVERSING THE WIDTH OF THE WORK AREA WITH THE LOAD SUSPENDED IN THE AIR. HANDLES INDIVIDUAL COMPONENTS AND SUB-ASSEMBLIES UP TO FIFTY TONS IN WEIGHT. TWO CRANES CAN WORK TOGETHER TO HANDLE LARGE DECK HOUSE ASSEMBLIES THAT HAVE BEEN PREFABRICATED FOR INSTALLATION ABOARD SHIPS.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 700K

4. Provide the gross weight and cube of the facility.

Gross Weight = 75 TONS Cube = _

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

RELOCATION REQUIRES MAJOR DISASSEMBLY AND RE-ASSEMBLY AT NEW LOCATION.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

TRANSPORTED VIA RAIL AND TRUCK IN SECTIONS. ASSEMBLED ON SITE BY MANUFACTURER. 1948.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS / SURFACE SHIPS
2.9 WEAPONS SYSTEMS / FIRE CONTROL

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%
HISTORICAL UTILIZATION AVERAGE = 90%

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 60%

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CRANE OPERATOR
(2) CRANE RIGGERS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) CRANE OPERATOR
(1) MECHANIC
(1) TEST DIRECTOR
(1) OILER
(2) INSPECTORS
(3) ENGINEERS

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	EDERER 30 TON BRIDGE CRANE (1 EA)

1. State the primary purpose(s) of the facility/equipment.

USED TO LIFT EQUIPMENT, COMPONENTS, AND MATERIALS INSIDE OF SHOP WORK AREAS IN SUPPORT OF NAVAL SHIP MODERNIZATION AND REPAIR. LOCATED IN THE OVERHEAD, SUPPORTED BY TWO RAILS, SPANNING THE WIDTH OF A BAY OR BUILDING ON TWO RAILS. CAPABLE OF TRAVELING THE LENGTH AND TRAVERSING THE WIDTH OF THE WORK AREA WITH THE LOAD SUSPENDED IN THE AIR. HANDLES INDIVIDUAL COMPONENTS AND SUB-ASSEMBLIES UP TO FIFTY TONS IN WEIGHT. TWO CRANES CAN WORK TOGETHER TO HANDLE LARGE DECK HOUSE ASSEMBLIES THAT HAVE BEEN PREFABRICATED FOR INSTALLATION ABOARD SHIPS.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 500,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 50 TONS Cube = _____

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

RELOCATION WOULD REQUIRE MAJOR DISASSEMBLY AND REASSEMBLY AT NEW LOCATION.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

TRANSPORTED VIA RAIL AND TRUCK IN SECTIONS. ASSEMBLED ON-SITE BY MANUFACTURER IN 1970.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS / SURFACE SHIPS
2.9 WEAPONS SYSTEMS / FIRE CONTROL

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%
HISTORICAL UTILIZATION AVERAGE = 90%

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 80%

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CRANE OPERATOR
(2) CRANE RIGGERS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) CRANE OPERATOR
(1) CRANE REPAIR MECHANIC
(1) ELECTRICIAN
(1) TEST DIRECTOR
(1) OILER
(2) INSPECTORS
(3) ENGINEERS

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

Document Separator

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	COLBY 25 TON PORTAL CRANE (1 EA.)

1. State the primary purpose(s) of the facility/equipment.

USED TO LIFT LARGE EQUIPMENT, COMPONENTS, MATERIALS AND SUPPLIES IN SUPPORT OF NAVAL SHIP MODERNIZATION AND REPAIR. SEMI-FIXED TO TRAVEL ON RAILS, LOCATED ON PIERS AND AROUND DRYDOCKS, CAPABLE OF LIFTING LARGE ASSEMBLIES/SUB-ASSEMBLIES WEIGHING UP TO 50 TONS. CAN PLACE LARGE SHAFTS, PROPELLERS, ANCHORS, CHAIN AND HEAVY SUPPORT EQUIPMENT INTO DRYDOCKS. CAN PACE LARGE ANTENNA, MISSILE LAUNCHERS, GUN MOUNTS, AND HEAVY MACHINERY ABOARD SHIP TO A HEIGHT OF 135 FEET. CAN TRAVERSE THE LENGTH OF THE PIER OR AROUND THE DRYDOCK WITH THE LOAD SUSPENDED IN THE AIR.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 3.5 MILLION

4. Provide the gross weight and cube of the facility.

Gross Weight = 280 TONS Cube = _____

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

RELOCATION REQUIRES MAJOR DISASSEMBLY, DIFFICULTIES IN TRANSPORTING, AND REASSEMBLY AT NEW LOCATION.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

TRANSPORTED IN SECTIONS AND ASSEMBLED ON-SITE BY MANUFACTURER IN 1941.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIPS
2.9 WEAPON SYSTEM/FIRE CONTROL

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE=100%.
HISTORICAL UTILIZATION AVERAGE = 90%

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 80%

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CRANE OPERATOR
(2) CRANE RIGGERS
(1) TRACK WALKER

14. What is the approximate number of personnel needed to maintain the equipment?

(1) CRANE OPERATOR
(1) ELECTRICIAN
(2) MECHANICS
(1) OILER
(2) INSPECTORS
(3) ENGINEERS
(1) TEST DIRECTOR

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	PENNSYLVANIA 25 TON PORTAL CRANE (2 EA.)

1. State the primary purpose(s) of the facility/equipment.

USED TO LIFT LARGE EQUIPMENT, COMPONENTS, MATERIALS AND SUPPLIES IN SUPPORT OF NAVAL SHIP MODERNIZATION AND REPAIR. SEMI-FIXED TO TRAVEL ON RAILS, LOCATED ON PIERS AND AROUND DRYDOCKS, CAPABLE OF LIFTING LARGE ASSEMBLIES/SUB-ASSEMBLIES WEIGHING UP TO 50 TONS. CAN PLACE LARGE SHAFTS, PROPELLERS, ANCHORS, CHAIN AND HEAVY SUPPORT EQUIPMENT INTO DRYDOCKS. CAN PACE LARGE ANTENNA, MISSILE LAUNCHERS, GUN MOUNTS, AND HEAVY MACHINERY ABOARD SHIP TO A HEIGHT OF 135 FEET. CAN TRAVERSE THE LENGTH OF THE PIER OR AROUND THE DRYDOCK WITH THE LOAD SUSPENDED IN THE AIR.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 3.5 MILLION

4. Provide the gross weight and cube of the facility.

Gross Weight = 250 TONS Cube = _____

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

RELOCATION REQUIRES MAJOR DISASSEMBLY, DIFFICULTIES IN TRANSPORTING, AND REASSEMBLY AT NEW LOCATION.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

TRANSPORTED IN SECTIONS AND ASSEMBLED ON-SITE IN 1943.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIPS
2.9 WEAPON SYSTEM/FIRE CONTROL

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE=100%.
HISTORICAL UTILIZATION AVERAGE = 90%

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 80%

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CRANE OPERATOR
(2) CRANE RIGGERS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) CRANE OPERATOR
(1) ELECTRICIAN
(2) MECHANICS
(1) OILER
(1) WELDER
(2) INSPECTORS
(3) ENGINEERS
(1) TEST DIRECTOR
(1) RIGGER

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	TODD SHIPYARD 100 TON FLOATING CRANE (1 EA)

1. State the primary purpose(s) of the facility/equipment.

USED TO LIFT EQUIPMENT, COMPONENTS, MATERIALS AND EQUIPMENT IN SUPPORT OF SHIP MODERNIZATION AND REPAIR FROM A WATERBORNE PLATFORM. CAPABLE OF LIFTING UP TO 67 TONS. USED TO WORK FROM THE WATER OR OUTBOARD SIDE IN SUPPORT OF STRUCTURAL TESTING , REFUELING AND REPLENISHMENT SYSTEMS. CAN TRANSPORT LARGE OBJECTS ON DECK PORTION OF BARGE.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 5.5 MILLION

4. Provide the gross weight and cube of the facility.

Gross Weight = 900 TONS Cube = _____

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

TUG BOAT

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

RELOCATION WOULD REQUIRE PARTIAL DISASSEMBLY, TOW PREPARATION, TOWING BY SEA, AND REASSEMBLY AT NEW LOCATION.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

DELIVERED BY SEA-GOING TUG. REASSEMBLED ON-SITE BY MANUFACTURER IN 1993.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS / SURFACE SHIPS
2.9 WEAPONS SYSTEMS / FIRE CONTROL

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE = 100%
NEWLY PURCHASED (NO HISTORICAL DATA)

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 40%

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CRANE OPERATOR
(2) CRANE RIGGERS
(2) DECK RIGGERS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) CRANE OPERATOR
(1) ELECTRICIAN
(1) OILER
(2) CRANE REPAIR MECHANICS
(1) RIGGER
(2) INSPECTORS
(3) ENGINEERS

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	WESTMONT 100 TON FLOATING CRANE (1 EA)

1. State the primary purpose(s) of the facility/equipment.

USED TO LIFT EQUIPMENT, COMPONENTS, MATERIALS AND EQUIPMENT IN SUPPORT OF SHIP MODERNIZATION AND REPAIR FROM A WATERBORNE PLATFORM. CAPABLE OF LIFTING UP TO 67 TONS. USED TO WORK FROM THE WATER OR OUTBOARD SIDE IN SUPPORT OF STRUCTURAL TESTING , REFUELING AND REPLENISHMENT SYSTEMS. CAN TRANSPORT LARGE OBJECTS ON DECK PORTION OF BARGE.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 5.5 MILLION

4. Provide the gross weight and cube of the facility.

Gross Weight = 1,000 TONS Cube = _____

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

TUG BOAT

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

RELOCATION WOULD REQUIRE PARTIAL DISASSEMBLY, TOW PREPARATION, TOWING ACROSS OPEN WATERS, AND REASSEMBLY AT NEW LOCATION.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

DELIVERED BY SEA-GOING TUG. REASSEMBLED ON-SITE BY MANUFACTURER IN 1994.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS/SURFACE SHIPS
2.9 WEAPONS SYSTEMS/FIRE CONTROL

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE = 100%
NEWLY PURCHASED (NO HISTORICAL DATA)

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 40%

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CRANE OPERATOR
(2) CRANE RIGGERS
(2) DECK RIGGERS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) CRANE OPERATOR
(1) ELECTRICIAN
(1) OILER
(2) CRANE REPAIR MECHANICS
(1) RIGGER
(2) INSPECTORS
(3) ENGINEERS

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

TAB B: SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Activity Name:	LBNSY
Facility or Equipment Nomenclature or Title	MISSOURI 25 TON BRIDGE CRANE (1 EA)

1. State the primary purpose(s) of the facility/equipment.

USED TO LIFT EQUIPMENT, COMPONENTS, AND MATERIALS INSIDE OF SHOP WORK AREAS IN SUPPORT OF NAVAL SHIP MODERNIZATION AND REPAIR. LOCATED IN THE OVERHEAD, SUPPORTED BY TWO RAILS, SPANNING THE WIDTH OF A BAY OR BUILDING ON TWO RAILS. CAPABLE OF TRAVELING THE LENGTH AND TRAVERSING THE WIDTH OF THE WORK AREA WITH THE LOAD SUSPENDED IN THE AIR. HANDLES INDIVIDUAL COMPONENTS AND SUB-ASSEMBLIES UP TO FIFTY TONS IN WEIGHT. TWO CRANES CAN WORK TOGETHER TO HANDLE LARGE DECK HOUSE ASSEMBLIES THAT HAVE BEEN PREFABRICATED FOR INSTALLATION ABOARD SHIPS.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by the definitions provided on the first page of this Tab.

MOVEABLE

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

Replacement Value = $ 500,000

4. Provide the gross weight and cube of the facility.

Gross Weight = 50 TONS Cube = _____

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

NONE

6. Indicate any "special" budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.)

NONE

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

NONE

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

RELOCATION WOULD REQUIRE MAJOR DISASSEMBLY AND REASSEMBLY AT NEW LOCATION.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

TRANSPORTED BY RAIL AND TRUCK IN SECTIONS. ASSEMBLED ON-SITE BY MANUFACTURER IN 1945.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support.

1.3 PLATFORMS
2.9 WEAPONS SYSTEMS / FIRE CONTROL

11. Provide the historical utilization average for the past five fiscal years (FY 1989- 1993). Define the unit of measure used.

198 DAYS (COMPRESSED WORK WEEK, 10 HOUR SHIFT) AVAILABLE =100%
HISTORICAL UTILIZATION AVERAGE = 90%

12. Provide the projected utilization data out to FY 1997.

PROJECTED UTILIZATION = 60%

13. What is the approximate number of personnel used to operate the facility/equipment?

(1) CRANE OPERATOR
(2) CRANE RIGGERS

14. What is the approximate number of personnel needed to maintain the equipment?

(1) CRANE OPERATOR
(1) CRANE REPAIR MECHANIC
(1) ELECTRICIAN
(1) TEST DIRECTOR
(1) OILER
(2) INSPECTORS
(3) ENGINEERS

15. Provide one 8 1/2 X 11 black and white photo of the facility/equipment.

PHOTO BEING FORWARDED WITH SEPARATE CERTIFICATION

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

APPENDIX A

I. FUNCTIONAL SUPPORT AREAS (PRODUCTS)

1. PLATFORMS
1.1 Undersea
1.2 Aircraft
1.3 Surface Ship
1.4 Space Satellites
1.5 Ground Vehicles

2. WEAPONS SYSTEMS
2.1 Gun Systems
2.2 Guided Missiles
2.3 Free Fall Weapons and Rockets
2.4 Torpedoes
2.5 Mines
2.6 Directed Energy Systems
2.7 Explosives
2.8 Launchers
2.9 Fire Control
2.10 Weapons Data Links
2.11 Weapons Fuzing
2.12 Weapons Propulsion
2.13 Other Ordnance
2.14 Explosive Ordnance Disposal

3. COMBAT SYSTEM INTEGRATION
3.1 Subsurface
3.2 Air
3.3 Surface
3.4 Multiplatform

4. SPECIAL OPERATIONS SUPPORT
4.1 Landing Force Equipment and Systems
4.2 Coastal/Special Warfare Support

5. SENSORS & SURVEILLANCE SYSTEMS
5.1 Sonar Systems
5.2 Radar Systems
5.3 Special Sensors
5.4 Space Sensor/Surveillance Systems
5.5 Ocean Surveillance

ACTIVITY: Long Beach Naval Shipyard
UIC: N60258

APPENDIX A, continued

I. **FUNCTIONAL SUPPORT AREAS (PRODUCTS)**, continued

6. NAVIGATION
6.1 Submarine Navigation Systems
6.2 Aircraft Navigation Systems
6.3 Surface Ship Navigation Systems
6.4 Weapons Navigation Systems
6.5 Satellite Navigation Systems

7. COMMAND, CONTROL, COMMUNICATIONS AND INTELLIGENCE (C^3I)
7.1 Submarine
7.2 Airborne
7.3 Shipboard
7.4 Land-Based
7.5 Space Communications Systems
7.6 Non-Tactical Data Systems
7.7 Air Traffic Control Systems
7.8 Intelligence Information Systems

8. DEFENSE SYSTEMS
8.1 Ballistic Missile Defense
8.2 Countermeasures (CM)
8.3 Electronic Warfare (EW) Systems
9. STRATEGIC PROGRAMS
9.1 Navy Strategic Systems
9.2 Nuclear Weapons and Effects
10. GENERAL MISSION SUPPORT
10.1 Personnel and Training
- 10.1.1 Submarine-Related Training Systems
- 10.1.2 Aircraft-Related Training Systems
- 10.1.3 Surface Ship-Related Training Systems
- 10.1.4 Weapons-Related Training Systems
- 10.1.5 Human Resources Research and Development

10.2 Logistics Planning and Implementation
10.3 Facilities Engineering
10.4 Diving, Salvage and Ocean Engineering
10.5 Environmental Description, Prediction, and Effects
10.6 Crew Equipment and Life Support
- 10.6.1 Submarine
- 10.6.2 Aircraft
- 10.6.3 Surface Ship
- 10.6.4 Medical Research and Combat Casualty Care
- 10.6.5 Clothing and Textiles

10.7 Major Range Development and Operation
10.8 Other Subsidiary Systems or Components
10.9 Activity Mission and Function Support

APPENDIX A, continued

I. FUNCTIONAL SUPPORT AREAS (PRODUCTS), *continued*

11. GENERIC TECHNOLOGY BASE.
[Includes basic research and exploratory development (Budget Categories 6.1 & 6.2) projects that do not fit under the more warfare-focused functional support areas.]
11.1 Computers.
11.2 Software.
11.3 Communications Networking.
11.4 Electronic Devices.
11.5 Materials and Processes.
11.6 Energy Storage.
11.7 Propulsion and Energy Conversion.
11.8 Design Automation.
11.9 Human-System Interfaces.
11.10 Other Technology Base Programs.

II. LIFE-CYCLE WORK AREAS

RDT&E
1. BASIC RESEARCH
2. EXPLORATORY DEVELOPMENT
3. ADVANCED DEVELOPMENT
4. ENGINEERING AND MANUFACTURING DEVELOPMENT
5. RDT&E MANAGEMENT SUPPORT
6. OPERATIONAL SYSTEMS DEVELOPMENT

ACQUISITION
7. PRODUCTION
8. ACCEPTANCE TESTING
9. MODERNIZATION
10. PROGRAM SUPPORT

LIFE -TIME SUPPORT
11. MAINTENANCE
12. REPAIR
13. TESTING
14. IN-SERVICE ENGINEERING
15. PROGRAM SUPPORT
16. RETIREMENT

GENERAL
17. TRAINING/OPERATIONAL SUPPORT
18. SIMULATION, MODELING AND ANALYSIS

APPENDIX B

I. FUNCTIONAL SUPPORT AREA DEFINITIONS

1. PLATFORMS. Those self-propelled, boosted or towed conveyances used for the strategic and tactical deployment of forces, weapons, materials and supplies in support of naval warfare. Projects within this area are limited to those in which the principal objective is to provide technological wherewithal to develop Navy aerospace craft, ships, submarines, boats, and amphibians.

1.1 *Undersea* Self-propelled, boosted, or towed conveyances for transporting a burden under the sea. The vehicle package includes the design, structures, materials, non-nuclear propulsion, power and auxiliary equipment, transmissions and propulsors, fuels and lubricants, energy conservation and pollution abatement equipment, control systems, and silencing inherent in its construction and operation, but excluding mission oriented systems. Included are submarines and other submersibles including their application as unmanned autonomous vehicles (UAV) and targets.

1.2 *Aircraft* Self-propelled, boosted, or towed conveyances for transporting a burden through the air. The vehicle package includes the design, structures, materials, non-nuclear propulsion, power and auxiliary equipment, transmissions and propulsors, fuels and control systems and silencing inherent in its construction and operation, but excluding mission oriented systems. Included are all air vehicles including their application as UAVs and targets.

1.3 *Surface Ship* Self-propelled, boosted, or towed conveyances for transporting a burden on land or sea. The vehicle package includes the design, structures, materials, non-nuclear propulsion, power and auxiliary equipment, transmissions and propulsors, fuels and lubricants, energy conservation and pollution abatement equipment, control systems, and silencing inherent in its construction and operation, but excluding mission oriented systems. Included are ships and craft including their application as UAVs and targets.

1.4 *Space Satellites* A device or spacecraft in orbit. The vehicle package includes the design, structures, materials, non-nuclear propulsion, power and auxiliary equipment, and control systems, inherent in its construction and operation.

1.5 *Ground Vehicles* Self-propelled, boosted, or towed conveyances for transporting a burden on land. The vehicle package includes the design, structures, materials, non-nuclear propulsion, power and auxiliary equipment, transmissions and propulsors, fuels and lubricants, energy conservation and pollution abatement equipment, control systems, and silencing inherent in its construction and operation, but excluding mission oriented systems.

APPENDIX B

I. FUNCTIONAL SUPPORT AREA DEFINITIONS, continued

2. WEAPONS SYSTEMS. A system that provides the capability to defeat naval and military targets by destructive means. Included are counter-countermeasures and other design features to reduce the susceptibility of the weapon to counter actions, but excluded are those projects in which the principal objective is to counter a weapons system or those efforts to make a system (other than weapons) less vulnerable to enemy weapons.

2.1 *Gun Systems* Ordnance which fires projectiles; includes related ammunition (guided projectiles are included in "guided missiles". Included are gun systems aboard aircraft and ships, and gun systems used by personnel.

2.2 *Guided Missiles* Weapons, either self-propelled, (i.e., reaction launched) or impulse driven (i.e. gun/tube impulse launched) capable of homing on, or following a beam or command signals through the air to a target (includes guided projectiles). Included are missiles that are launched by submarine, aircraft, and ship.

2.3 *Free Fall Weapons and Rockets* Free fall weapons are those air-delivered weapons, including components and subsystems, which follow a ballistic trajectory after gravity launch without any guidance other than that from the initial orientation and velocity of the launching aircraft. A rocket is a self-propelled airborne vehicle whose trajectory or course, while in flight, cannot be controlled.

2.4 *Torpedoes* Self-propelled, guided or unguided underwater weapons. Included are torpedoes launched by submarine, aircraft, and ship.

2.5 *Mines* Self-activating standoff or contact explosive devices that are designed to destroy or damage ground vehicles, boats, ships, or aircraft, or designed to wound, kill, or otherwise incapacitate personnel.

2.6 *Directed Energy Systems* Devices and techniques for generating and focusing high-intensity beams of electromagnetic energy or charged particles upon targets with lethal effects.

2.7 *Explosives* Metastable compounds which can rapidly release large quantities of energy mostly in the form of hot, high-pressure gases. Explosives are used in naval munitions such as mines, torpedoes, missiles, etc., and also in other Navy products such as aircraft escape systems, fuse trains, etc.

2.8 *Launchers* That group of devices, components, or subsystems needed to support, hold, and launch expendable weapons, countermeasure devices, or other stores; the control systems for managing these systems and the stores they carry.

2.9 *Fire Control* Those platform-based systems which provide data for and/or control the launch platform/weapon/weapon-target interaction in all phases required by a weapons system (e.g., acquisition, track, commit-to-fire-pre-launch, post-launch, mid-course, terminal intercept, and assessment). Included are systems that are based undersea, aboard aircraft, shipboard, and on land.

2.10 *Weapons Data Links* Efforts include the data links that are part of the weapon's command, control and communications systems.

APPENDIX B

I. FUNCTIONAL SUPPORT AREA DEFINITIONS, continued

2.11 *Weapons Fuzing* Efforts leading to the design of systems to sense a target or the result of other prescribed conditions such as time, barometric pressure, command, etc., and initiate a train of fire. Safing and arming are primary functions performed by a fuse to preclude initiation of the ammunition before the desired position or time.

2.12 *Weapons Propulsion* Included are propellants, subsystems and systems that comprise the means by which a weapons system moves through the air or sea.

2.13 *Other Ordnance* Includes efforts that do not fit in the above categories (e.g., pyrotechnics, gas generators, CAD/PAD/AEPS).

2.14 *Explosive Ordnance Disposal* Efforts relating to the technical support of explosive ordnance disposal technology and training.

3. COMBAT SYSTEM INTEGRATION. That effort required to introduce a new system into the operating forces. It involves the integration and evaluation of a new hardware or software subsystem installed in a Navy platform. It includes the mating, installation, and operational support of the resulting higher level system to ensure optimum operating performance.

3.1 *Subsurface* The integration and evaluation of the various hardware and software subsystems that make up a higher level system, and the mating, installation, and operational support of this higher level system, including its operational software and training systems into undersea platforms.

3.2 *Air* The integration and evaluation of the various hardware and software subsystems that make up a higher level system, and the mating, installation, and operational support of this higher level system, including its operational software and training systems into air platforms.

3.3 *Surface* The integration and evaluation of the various hardware and software subsystems that make up a higher level system, and the mating, installation, and operational support of this higher level system, including its operational software and training systems into surface platforms.

3.4 *Multiplatform* The integration of multiplatform hardware and software subsystems to make up a higher level system, including the mating, installation, and operational support (including training systems) of this higher level system.

APPENDIX B

I. FUNCTIONAL SUPPORT AREA DEFINITIONS, continued

4. SPECIAL OPERATIONS SUPPORT. Those efforts which are in support of amphibious landing, Marine Corps operations, special warfare and other unique operations. It includes weapons, countermeasures, surveillance and a command support which are developed specifically for the projection of forces ashore and that do not have an application by the Navy general forces in the role of sea control.

4.1 *Landing Force Equipment and Systems* Involved is that RDT&E effort which is not functionally a part of the amphibious platform. Specifically, this includes reconnaissance of amphibious objective areas, environmental support of amphibious operations, amphibious logistics and the integration of the amphibious and Marine Corps systems required to land amphibious forces on a hostile shore and establish a beachhead. (Contingency facilities in support of forces ashore are included in "facilities".)

4.2 *Coastal/Special Warfare Support* Techniques and systems required to defend coastal, inshore and harbor facilities as well as those needed to conduct operations such as reconnaissance, deception, coastal or offshore interdiction and assault, counterinsurgency, intelligence gathering, remote sensor operation and waterborne intrusion detection. Special warfare systems include systems, techniques, and concepts utilized by specifically cross-trained personnel in unconventional warfare and coastal/riverine operations.

5. SENSORS & SURVEILLANCE SYSTEMS. Those systems used to systematically observe air, space, surface and subsurface areas to detect, classify, localize and identify real or potential military targets. Excluded are those projects in which the principal objective is navigation, weapon fire control or broadbased investigation of the properties of the media or the propagation of energy therein.

5.1 *Sonar Systems* Those sonar systems and devices used to conduct search, reconnaissance, and surveillance operations to detect, classify, locate, and/or track targets. Included are those systems and devices that are mobile aboard undersea, air, and surface platforms, and those that are fixed.

5.2 *Radar Systems* Those radar systems and devices used to conduct search, reconnaissance, or surveillance operations to detect, classify, locate, and/or track targets. Included are those systems and devices that are mobile aboard undersea, air, and surface platforms, and those that are fixed.

5.3 *Special Sensors* Those systems and devices which utilize unique phenomena or methods or combinations of methods to conduct search, reconnaissance, or surveillance operations to detect, classify, locate, and/or track targets. Included are active sensors, passive sensors (e.g., thermal imagers, low light level TV, and infrared search and track systems), and the associated signal and image processing.

5.4 *Space Sensor/Surveillance Systems* Those devices and systems in Earth orbit that are used to conduct search, reconnaissance, or surveillance operations to detect, classify, locate and/or track targets.

5.5 *Ocean Surveillance* Systems and equipment for systematic observation of ocean areas for identification and localization of ships, submarines, and aircraft from fixed and mobile platforms including operational software development, and integration of multi-sensor, coordinated detection data and its display at appropriate sites.

APPENDIX B

I. FUNCTIONAL SUPPORT AREA DEFINITIONS, continued

6. NAVIGATION. Those systems which utilize electromagnetic, acoustic, or inertial means to guide or navigate surface, subsurface, or aerospace platforms. Included are those systems deployed aboard submarines, aircraft, surface ships and satellites, as well as those used in weapons systems.

6.1 *Submarine Navigation Systems*: Navigation systems deployed aboard submarines, or other undersea vehicles.

6.2 *Aircraft Navigation Systems*: Navigation systems deployed aboard aircraft.

6.3 *Surface Ship Navigation Systems*: Navigation systems deployed aboard surface ships.

6.4 *Weapons Navigation Systems*: Navigation systems installed within weapon systems, such as guided missiles.

6.5 *Satellite Navigation Systems*: Navigation systems deployed aboard satellites.

7. COMMAND, CONTROL, COMMUNICATIONS AND INTELLIGENCE (C^3I). The acquisition, processing and dissemination of information required to plan, direct, and control operations. Included are those projects in command and control, communications and intelligence. Excluded are surveillance systems, and guidance and control of vehicles and weapons. These C^3 systems may be internal or external to submarine, airborne, surface, and land-based platforms.

7.1 *Submarine*: C3 systems deployed aboard submarines, or other undersea vehicles.

7.2 *Airborne*: C3 systems deployed aboard aircraft.

7.3 *Shipboard*: C3 systems deployed aboard surface ships.

7.4 *Land-Based*: C3 systems deployed at shore facilities.

7.5 *Space Communications*: Communications systems in Earth orbit used to convey information.

7.6 *Non-Tactical Data Systems*: Data systems utilized aboard the Navy's operating forces and at shore sites that support ship, submarine and aircraft maintenance, configuration and asset management, supply, inventory, finance, medical, dental, manpower management, administration, food services (ship's mess), and resale operations (ship's stores).

7.7 *Air Traffic Control Systems*: Systems used to promote the safe, orderly, and expeditious movement of air traffic.

7.8 *Intelligence Information Systems*: The systems necessary to conduct the naval warfare task of intelligence. This task involves the assessment and management of information obtained via surveillance, reconnaissance, and other means to produce timely indications and warning, location, identification, intentions, technical capabilities, and tactics of potential enemies and other countries of interest.

APPENDIX B

I. FUNCTIONAL SUPPORT AREA DEFINITIONS, continued

8. DEFENSE SYSTEMS. Those systems that are principally designed to defeat a particular weapon system; those systems that are designed to reduce the effectiveness of an enemy's surveillance, communications, navigation and command and control; as well as those efforts directed toward gathering information on the emissions of enemy systems. It does not include those projects in which the principal objective is to incorporate design features in vehicles, surveillance, communication, navigation and other support systems which reduce their vulnerability to enemy action. It also does not include chemical/biological defense for personnel.

8.1 *Ballistic Missile Defense* Systems designed to protect civilian population centers, military forces, and territory from ballistic missile attack.

8.2 *Countermeasures (CM)* Those systems that are principally designed to defeat a particular weapon system; reduce the effectiveness of an enemy's surveillance, communications, navigation and command and control; as well as gather information on the emissions of enemy systems. Included are those projects to develop systems deployed aboard submarine, aircraft, and surface ship, and those for countering enemy mine warfare through the destruction or neutralization of minefields.

8.3 *Electronic Warfare (EW) Systems* Those systems, techniques, and devices utilized to determine, exploit, reduce, or prevent hostile use of the electromagnetic spectrum. Included are those projects to develop systems deployed aboard submarine, aircraft, and surface ship, as well as those to develop EW simulators.

9. STRATEGIC PROGRAMS. Programs conducted to support the deployment and use of the Navy's strategic deterrence force, as well as those programs conducted on nuclear weapons and effects.

9.1 *Navy Strategic Systems* Those ships and weapon systems, subsystems, devices, techniques, trainers and facilities required specifically for the deployment and use of the Navy's strategic deterrence force.

9.2 *Nuclear Weapons and Effects* Nuclear weapons effects and countermeasures, including thermal and nuclear radiation effects and the hardening of components and of weapons systems both nuclear and non-nuclear.

APPENDIX B

I. FUNCTIONAL SUPPORT AREA DEFINITIONS, continued

10. GENERAL MISSION SUPPORT. Those major areas of support required by Navy general forces that are not included under platforms, weapons systems, combat system integration, special operations support, sensors and surveillance systems, navigation, C^3I, defense systems, strategic programs, and technology base programs.

10.1 *Personnel and Training.* Human resources research and development for the areas of manpower, personnel, education, and training and its support and service functions for human factors effort in system design, development and acquisition. Included are those systems related to submarine, aircraft, surface ship and weapons training, as well as human resources research.

10.1.1 Submarine-Related Training Systems
10.1.2 Aircraft-Related Training Systems
10.1.3 Surface Ship-Related Training Systems
10.1.4 Weapons-Related Training Systems
10.1.5 Human Resources Research and Development

10.2 *Logistics Planning and Implementation.* Projects for those aspects of military operations which deal with the movement, maintenance, supply, and support of Naval forces afloat and ashore, including underway replenishment, warehousing and mobile logistics maintenance and repair activities; material acquisition, control, handling, distribution and disposal processes; and logistics planning, control, and information processing functions.

10.3 *Facilities Engineering.* Products for (a) ocean facilities including the siting, design, construction/implant, and maintenance of facilities attached to the sea floor such as cable structures, pipelines, communications/power cables and Fleet moorings; (b) contingency facilities and equipment to support Navy and Marine Corps forces ashore in amphibious objective areas and at advanced naval bases; (c) permanent shore facilities such as buildings, piers, drydocks, airfields, POL and weapons storage, and utilities; (d) energy systems ashore including conservation, synthetic fuels, energy self-sufficiency; and (e) environmental protection systems ashore such as industrial wastewater treatment plants, air and noise pollution control devices, and solid waste management systems.

10.4 *Diving, Salvage and Ocean Engineering.* Those support systems and equipment that are required by the Navy in the performance of ocean bottom search, diving, rescue, recovery, salvage operations, and siting, design, construction/implantment, inspection, maintenance and recovery of underwater facilities and associated systems.

10.5 *Environmental Description, Prediction, and Effects.* The study, modeling, and simulation of atmospheric, oceanic, terrestrial, and space environmental effects, both natural and man-made, including the interaction of a weapon system with its operating medium and man-produced phenomena such as obscurants found on the battlefield.

10.6 *Crew Equipment and Life Support.* Techniques, equipment and devices to provide protection for and support of Navy operating personnel, including chemical/biological defense. Included are systems aboard submarines, aircraft, and surface ships, as well as medical research and combat casualty care, and clothing and textiles.

10.6.1 Submarine
10.6.2 Aircraft
10.6.3 Surface Ship
10.6.4 Medical Research and Combat Casualty Care
10.6.5 Clothing and Textiles

APPENDIX B

I. FUNCTIONAL SUPPORT AREA DEFINITIONS, continued

10. GENERAL MISSION SUPPORT, continued

10.7 *Major Range Development and Operation* The design, equipping, and operation of ranges offering diverse and accurate measurement and reconstruction capabilities to establish performance profile data on newly designed, as well as existing, naval vehicles and systems operating in a realistic environment.

10.8 *Other Subsidiary Systems or Components* Subsidiary systems or components that do not fit within the above product areas (e.g., batteries).

10.9 *Activity Mission and Function Support* Efforts that clearly support the Activity's responsibilities but which cannot be uniquely assigned to a specific functional area.

11. GENERIC TECHNOLOGY BASE. Includes basic research and exploratory development (Budget Categories 6.1 & 6.2) projects that do not fit under the more warfare-focused functional support areas. These areas include computers, software, communications networking, electronic devices, materials and processes, energy storage, propulsion and energy conversion, design automation, human-system interfaces, and other technology base areas.

11.1 *Computers* High performance computing systems (and their software operating systems) providing orders-of-magnitude improvements in computational and communications capabilities as a result of improvements in hardware, architectural designs, networking, and computational methods.

11.2 *Software* The tools and techniques that facilitate the timely generation, maintenance, and enhancement of affordable and reliable applications software, including software for distributed systems, data base software, artificial intelligence, and neural nets.

11.3 *Communications Networking* The timely, reliable, and secure production and worldwide dissemination of information, using shared communications media and common hardware and applications software from originators to DoD consumers, in support of joint-Service mission planning, simulation, rehearsal, and execution.

11.4 *Electronic Devices* Ultra-small (nanoscale) electronic and optoelectronic devices, combined with electronic packaging and photonics, for high speed computers, data storage modules, communications systems, advanced sensors, signal processing, radar, imaging systems, and automatic control.

11.5 *Materials and Processes* Development of man-made materials (e.g., composites, electronic and photonic materials, smart materials) for improved structures, higher temperature engines, signature reduction, and electronics, and the synthesis and processing required for their application.

11.6 *Energy Storage* The safe, compact storage of electrical or chemical energy, including energetic materials for military systems.

11.7 *Propulsion and Energy Conversion* The efficient conversion of stored energy into usable forms, as in fuel efficient aircraft turbine engines and hypersonic systems.

APPENDIX B

I. FUNCTIONAL SUPPORT AREA DEFINITIONS, continued

11. GENERIC TECHNOLOGY BASE, continued.

11.8 *Design Automation* Computer-aided design, concurrent engineering, simulation, and modeling; including the computational aspects of fluid dynamics, electromagnetics, advanced structures, structural dynamics, and other automated design processes.

11.9 *Human-System Interfaces* The machine integration and interpretation of data and its presentation in a form convenient to the human operator; displays; human intelligence emulated in computational devices; and simulation and synthetic environments.

11.10 *Other Technology Base Programs* All technology base programs (Budget Categories 6.1 and 6.2 only) that do not fit into the above warfare-focused functional support areas (#1 - #10), or within the above generic technology base areas (#11.1 - #11.9).

II. LIFE-CYCLE WORK AREA DEFINITIONS

RDT&E

1. BASIC RESEARCH. (Budget Category 6.1 only) This area includes scientific study and experimentation to increase knowledge and understanding in the physical, engineering, environmental and life sciences related to long-term national security needs.

2. EXPLORATORY DEVELOPMENT. (Budget Category 6.2 only) This area includes efforts to solve specific military problems, short of major development. Exploratory development may vary from fairly fundamental applied research to sophisticated breadboard hardware, study programming and planning efforts.

3. ADVANCED DEVELOPMENT. (Budget Category 6.3 only) This area includes efforts on projects which have moved into the development of hardware for test. The prime objective is proof of design concept rather than the development of hardware for service use.

4. ENGINEERING AND MANUFACTURING DEVELOPMENT. (Budget Category 6.4 only) This area includes programs in full scale development, but which have not received approval for production or had production funds included in the DoD budget submission for the budget or subsequent fiscal year.

5. RDT&E MANAGEMENT SUPPORT. (Budget Category 6.5 only) This area includes support of installations or operations required for general research and development use. Included would be test ranges, military construction, maintenance support of laboratories, operations and maintenance of test aircraft and ships, and studies and analyses in support of the R&D program.

6. OPERATIONAL SYSTEMS DEVELOPMENT. (Budget Category 6.6 only) This area includes projects still in full-scale development, but which have received approval for production through Defense Acquisition Board or other action, or for which production funds have been included in the DoD budget submission for the budget or subsequent fiscal year. All work in this area is identified by major line item projects that appear as "RDT&E Costs of Weapon System Elements" in other programs.

APPENDIX B

II. LIFE-CYCLE WORK AREA DEFINITIONS, continued

ACQUISITION

7. PRODUCTION. During this phase, the system, including training equipment, spares, etc., is produced for operational use.

8. ACCEPTANCE TESTING. This phase involves the test and evaluation of production items to demonstrate that the items procured fulfill the requirements and specifications of the procuring contract on agreement

9. MODERNIZATION. This phase of the work involves the modification, upgrade, or improvement of a system or subsystem.

10. PROGRAM SUPPORT. This phase involves al work not fully under the category of production (#7), acceptance testing (#8), or modernization (#9), that occurs during the acquisition of new systems or subsystems.

LIFE-TIME SUPPORT

11. MAINTENANCE. This phase of work involves the maintenance of systems and subsystems.

12. REPAIR. This phase of work involves the repair of systems or subsystems.

13. TESTING. This phase is typically funded from Budget Category 6.5 or procurement program elements. Work in this area supports developmental and/or operational testing and focuses on the evaluation od system safety, technical performance, environmental (climatic, electromagnetic, etc.) effects, sustainability and operational suitability, maturity of production processes, and compliance with the specifications and quality standards.

14. IN-SERVICE ENGINEERING. This phase is typically funded from Budget Category 6.6 or operations and maintenance (O&M) program elements. In-service engineering tends to focus on system peculiar capabilities in order to conduct check-out of the system and/or subsystem after they have undergone a modification, upgrade or improvement.

15. PROGRAM SUPPORT. This phase involves all work ant falling under the categories of maintenance (#11), repair (#12), testing (#13), in-service engineering (#14) and retirement (#16) that occur during the life-time support of new systems and/or subsystems.

16. RETIREMENT. This phase includes the retirement and disposal of obsolete systems and/or subsystems.

APPENDIX B

II. LIFE-CYCLE WORK AREA DEFINITIONS, continued

GENERAL

17. TRAINING/OPERATIONAL SUPPORT. Efforts in this area, involve the training of operational forces in the use of new techniques, equipment and systems, tactics or doctrine. Training and operational support is typically funded from O&M program elements.

18. SIMULATION, MODELING AND ANALYSIS. This phase of work provides a simulated test environment or representation of systems, components and platforms. This work can be carried out throughout the development and test process as analytical tools, as well as tools to drive or control electronic and other environmental stimuli.

ACTIVITY LISTING:

Type	Title	Location
Naval Shipyard	NSYD LONG BEACH	Long Beach CA
Naval Shipyard	NSYD NORFOLK	Portsmouth VA
Naval Shipyard	NSYD PEARL HARBOR	Pearl Harbor HI
Naval Shipyard	NSYD PORTSMOUTH	Kittery ME
Naval Shipyard	NSYD PUGET SOUND	Bremerton WA
Naval Ship Repair Facility	SRF GUAM	Guam

UIC N60258

Data Being Certified: BRAC 95 Data Call Number 42, Long Beach Naval Shipyard

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic

NAME (Please type or print)

W. H. Ryzewic

Signature

Executive Director for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate

Title

6/24/94

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.

MAJOR CLAIMANT LEVEL

G. R. STERNER

NAME (Please type or print)

G. R. Sterner

Signature

Commander

Title, Naval Sea Systems Command

7-5-94

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)

W A Earner

Signature

Title

8/10/94

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

CAPT B. Janov
NAME (Please type or print)

B Janov
Signature

Shipyard Commander
Title

23 June 1994
Date

Long Beach Naval Shipyard
Activity

Data Call #42

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table 8.2 (3 pages)

UIC N60258

Data Being Certified: BRAC 95 Data Call Number 42 Amendment 1, Long Beach Naval Shipyard

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

NEXT ECHELON LEVEL (if applicable)

Edward L. Shelton

NAME (Please type or print) Signature

Deputy Commander for Naval Shipyard
and SUPSHIP Management and Field
Activity Support Directorate
(Acting)

9/15/94

Title 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.

MAJOR CLAIMANT LEVEL

NAME (Please type or print) Signature

G. R. STERNER
Commander
Naval Sea Systems Command

9/15/94

Title 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

9/20/94

Title Date

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Reference: SECNAVNOTE 11000 of 08 December 1993

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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

CAPT John Pickering	
NAME (Please type or print)	Signature
Shipyard Commander	14 September 1994
Title	Date
Long Beach Naval Shipyard	
Activity	

BRAC DATA CALL #42
Amendment One
Table 8.2
Pages 1-3

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UIC N60258

Data Being Certified: BRAC 95 Data Call Number 42, Revisions, Long Beach Naval Shipyard
Includes 7/25/94, 8/29/94 and 9/29/94 Activity Revisions

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

NEXT ECHELON LEVEL (if applicable)

Robert S. Johnson

NAME (Please type or print)

Signature

Director, Field Activity Support Group
Naval Shipyard and SUPSHIP Management
and Field Activity Support Directorate

Title

10/2/94

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.

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

G. R. STERNER
Commander
Naval Sea Systems Command

Title

Signature

10-4-94

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. DRENNON

NAME (Please type or print)

Signature

Acting

Title

12 OCT 1994

Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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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

CAPT John Pickering	
NAME (Please type or print)	Signature
Shipyard Commander	29 September 1994
Title	Date
Long Beach Naval Shipyard	
Activity	

DATA CALL #42
Pages 19R
21R

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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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

CAPT John Pickering
NAME (Please type or print)

Signature

Shipyard Commander
Title

29 August 1994
Date

Long Beach Naval Shipyard
Activity

BRAC Data Call #42
Revised Data
Pages:
21R
57R
79R
80R
81R
82R
92R

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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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

B. JANOV
NAME (Please type or print)

Bernard Janov
Signature

Shipyard Commander
Title

25 July '94
Date

Long Beach Naval Shipyard
Activity

BRAC DATA CALL #42 Revised Included:

Page 19R
TAB A - Pages 2R, 3R, 10R, 11R

Document Separator

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Activity Information:

Activity Name:	BDC, NAVSTA, LONG BEACH, CA
UIC:	62947
Host Activity Name (if response is for a tenant activity):	NAVAL STATION, LONG BEACH, CA
Host Activity UIC:	68311

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.

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.**

DATA CALL 66
INSTALLATION RESOURCES

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)		
Activity Name: BDC, NAVSTA, CA		**UIC: 62947**

Category	**FY 1996 BOS Costs ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	5440	10560	16000
1b. Minor Construction	850	1650	2500
1c. Sub-total 1a. and 1b.	6290	12210	18500
2. Other Base Operating Support Costs:			
2a. Utilities	30000	0	30000
2b. Transportation	2400	0	2400
2c. Environmental	0	0	0
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	0	0	0
2f. Bachelor Quarters	0	0	0
2g. Child Care Centers	0	0	0
2h. Family Service Centers	0	0	0
2i. Administration	0	0	0
2j. Other (Specify) Telephone Custodial	6000 16000	0 0	6000 16000
2k. Sub-total 2a. through 2j:	54400	0	54400
3. Grand Total (sum of 1c. and 2k.):	60690	12210	72900

BUMED
MED-825
GSA
7/25/94

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, DPH	

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 21., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

Other Notes: All costs of operating the five Major Range Test Facility Bases at DBOF activities (even if direct RDT&E funded) should be included on Table 1B. Weapon Stations should include underutilized plant capacity costs as a DBOF overhead "BOS expense" on Table 1B..

DATA CALL 66
INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: NOT APPLICABLE		**UIC:**	
Category	**FY 1996 Net Cost From UC/FUND-4 ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)			
1b. Real Property Maintenance (<$15K)			
1c. Minor Construction (Expensed)			
1d. Minor Construction (Capital Budget)			
1c. Sub-total 1a. through 1d.			
2. Other Base Operating Support Costs:			
2a. Command Office			
2b. ADP Support			
2c. Equipment Maintenance			
2d. Civilian Personnel Services			
2e. Accounting/Finance			
2f. Utilities			
2g. Environmental Compliance			
2h. Police and Fire			
2i. Safety			
2j. Supply and Storage Operations			
2k. Major Range Test Facility Base Costs			
2l. Other (Specify)			
2m. Sub-total 2a. through 2l:			
3. Depreciation			
4. Grand Total (sum of 1c., 2m., and 3.) :			

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: BDC, NAVSTA, LONG BEACH, CA	UIC: 62947
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	13500
Material and Supplies (including equipment):	99600
Industrial Fund Purchases (other DBOF purchases):	0
Transportation:	0
Other Purchases (Contract support, etc.):	8000
Total:	121100

BUMED
MED-825
GSA
7/25/94

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: BDC, NAVSTA, LONG BEACH, CA	UIC: 62947
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	0
Facilities Support:	0
Mission Support:	1
Procurement:	0
Other:*	0
Total Workyears:	1

* **Note:** Provide a brief narrative description of the type(s) of contracts, if any, included under the "Other" category.

CONTRACT DENTAL HYGIENIST

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)):

1

2) Estimated number of workyears which would be eliminated:

NOT APPLICABLE

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):

NOT APPLICABLE

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.)
	NOT APPLICABLE

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
	NOT APPLICABLE

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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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

CAPT W. M. DERN, DC, USN
NAME (Please type or print)

Signature

COMMANDING OFFICER (Acting)
Title

JUL 13 1994
Date

NAVAL DENTAL CENTER, SAN DIEGO, CA
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. R. SKOG

NAME (Please type or print)

Signature

Officer in Charge, Acting

14 July 1994

Title

Date

Naval Healthcare Support
Office, San Diego

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)

NAME (Please type or print)

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

D. F. HAGEN, VADM, MC, USN

NAME (Please type or print)

x

Signature

CHIEF BUMED/SURGEON GENERAL

Title

7-19-94

Date

BUREAU OF MEDICINE & SURGERY

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

7/27/94

Date

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	Long Beach Naval Shipyard
UIC:	N60258
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.

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.

DATA CALL 66
INSTALLATION RESOURCES

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:Long Beach Naval Shipyard		UIC:N60258	
Category	FY 1996 BOS Costs ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	701	3,837	4,538
1b. Minor Construction	73	0	73
1c. Sub-total 1a. and 1b.	774	3,837	4,611
2. Other Base Operating Support Costs:			
2a. Utilities	1,351	0	1,351
2b. Transportation	164	0	164
2c. Environmental	64	0	64
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	833	0	833
2f. Bachelor Quarters	1,220	98	1,318
2g. Child Care Centers *	0	0	0
2h. Family Service Centers *	0	0	0
2i. Administration	336	469	805
2j. **Other (specify) Subtotal:**	1060	3476	4536
2j.1 Other-Physical Security	99	2,288	2,387
2j.2 Other-Financial Management	0	418	418
2j.3 Other-Fire Department Services	809	0	809

DATA CALL 66
INSTALLATION RESOURCES

2j.4 Other-Fleet Support	127	770	897
2j.5 Other-Janitorial Services	25	0	25
2j.6 Household Moves *	0	0	0
2j.7 Enlisted Dining *	0	0	0
2k Sub-total 2a. through 2j:	5,028	4,043	7,071
3. Grand Total (sum of 1c. and 2k):	5,802	7,880	13,682

* **In accordance with BRAC 91 these functions will be transferred and funded in FY 95, but due to budget reductions, have been deleted for FY 96.**

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)

N\A

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.**

DATA CALL 66
INSTALLATION RESOURCES

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:Long Beach Naval Shipyard		UIC:N60258	
Category	FY 1996 Net Cost From UC/FUND-4 ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)	6,276	0	6,276
1b. Real Property Maintenance (<$15K)	4,020	3,320	7,340
1c. Minor Construction (Expensed)	50	14	64
1d. Minor Construction (Capital Budget)	500	0	500
1c. Sub-total 1a. through 1d.	10,846	3,334	14,180
2. Other Base Operating Support Costs:			
2a. Command Office	139	69	208
2b. ADP Support	3,429	3,004	6,433
2c. Equipment Maintenance	2,270	1,076	3,346
2d. Civilian Personnel Services	650	3,789	4,439
2e. Accounting/Finance	93	1,753	1,846
2f. Utilities	6920	0	6,920
2g. Environmental Compliance	1,720	971	2,673
2h. Police and Fire	239	4,318	4,557
2i. Safety	150	1,269	1,419

DATA CALL 66
INSTALLATION RESOURCES

2j. Supply and Storage Operations	122	598	720
2k. Major Range Test Facility Base Costs	0	0	0
2l. Other (specify) Subtotal:	6536	9851	1687
2l.1 Other-Administration	506	843	1,349
2l.2 Other-Transportation	1,699	1,330	3,029
2l.3 Other-Base Communications	0	1,693	1,693
2l.4 Other-Engineering Support	1,730	3,077	4,807
2l.5 Other-Other Miscellaneous	2,601	2,908	5,509
2m. Sub-total 2a. through 2l:	22,250	26,698	48,948
3. Depreciation	2,033	0	2,033
4. Grand Total (sum of 1c., 2m., and 3.) :	35,129	30,032	65,161

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: Long Beach Naval Shipyard	**UIC:N60258**

DATA CALL 66
INSTALLATION RESOURCES

Cost Category	FY 1996 Projected Costs ($000)
Travel:	1,078
Material and Supplies (including equipment):	34,522
Industrial Fund Purchases (other DBOF purchases):	2,702
Transportation:	949
Other Purchases (Contract support, etc.):	89,587
Total:	128,838

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: Long Beach Naval Shipyard	**UIC:N60258**
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	53
Facilities Support:	42.25
Mission Support:	237.3
Procurement:	0
Other:*	0
Total Workyears:	332.55

* **Note:** Provide a brief narrative description of the type(s) of contracts, if any, included under the "Other" category.

DATA CALL 66
INSTALLATION RESOURCES

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)):

Construction-0
Facilities Support-6.5
Mission Support-187

2) Estimated number of workyears which would be eliminated:

Construction-53
Facilities Support-35.75
Mission Support-50.3

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):

Construction-0
Facilities Support-0
Mission Support-0

Note: Assumes "Closure and Excess" of LBNSY and all NAVSTA LBeach facilities to be transferred to LBNSY on 1 October 1994 as a result of BRAC 91.

*** Does not include caretaker maintenance and environmental remediation costs to the Navy pending conveyance to subsequent landowner(s).**

DATA CALL 66
INSTALLATION RESOURCES

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.)
28	**Farm Out of Technical Service**
3	**Facilities A-E Services**

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
5	**Facilities Support**

UIC N60258

Data Being Certified: BRAC 95 Data Call Number 66, Long Beach Naval Shipyard

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic

NAME (Please type or print)

W. H. Ryzewic

Signature

Executive Director for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate

Title

8/4/94

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.

MAJOR CLAIMANT LEVEL

G. R. STERNER

NAME (Please type or print)

G. R. Sterner

Signature

Title

8-15-94

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)

W A Earner

Signature

Title

9/20/94

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

B. Janov
NAME (Please type or print)

B. Janov
Signature

Shipyard Commander
Title

27 July 1994
Date

Long Beach Naval Shipyard
Activity

Data Call Being Certified: #66

114

DATA CALL 63
FAMILY HOUSING DATA

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

Installation Name:	NSY LONG BEACH
Unit Identification Code (UIC):	N60258
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):	~~47.6~~ 35.7 CW
Total Number of Officer Housing Units:	~~14~~ 7 CW
Total Number of Enlisted Housing Units:	~~4.3~~ 4 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 22 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.

Chris Ward
July 13, 1994
NAVFAC 52JCW

Enclosure (1)

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

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

SOUTHWESTNAVFACENGCOM

THOMAS E. GUNN
Name (Please type or print)

Signature

COMMANDING OFFICER
Title

7/13/94
Date

111

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	DBO Long Beach
UIC:	68347
Host Activity Name (if response is for a tenant activity):	Naval Shipyard Long Beach
Host Activity UIC:	60258

DATA CALL 66
INSTALLATION RESOURCES

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: Defense Printing Service		UIC: ~~AH~~ 68349	
Category	FY 1996 BOS Costs ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair			
1b. Minor Construction			
1c. Sub-total 1a. and 1b.			
2. Other Base Operating Support Costs:			
2a. Utilities			
2b. Transportation			
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration			
2j. Other (Specify)			
2k. Sub-total 2a. through 2j:			
3. Grand Total (sum of 1c. and 2k.):			

N/A (DPS is DBOF)

UIC 68347

DATA CALL 66
INSTALLATION RESOURCES

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)
N/A	

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 21., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

Other Notes: All costs of operating the five Major Range Test Facility Bases at DBOF activities (even if direct RDT&E funded) should be included on Table 1B. Weapon Stations should include underutilized plant capacity costs as a DBOF overhead "BOS expense" on Table 1B..

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: DBO Long Beach		UIC: 68347	
Category	FY 1996 Net Cost From UC/FUND-4 ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)			
1b. Real Property Maintenance (<$15K)	$42		$42
1c. Minor Construction (Expensed)			
1d. Minor Construction (Capital Budget)			
1c. Sub-total 1a. through 1d.	$42		$42
2. Other Base Operating Support Costs:			
2a. Command Office			
2b. ADP Support			
2c. Equipment Maintenance			
2d. Civilian Personnel Services			
2e. Accounting/Finance			
2f. Utilities	$206		$206
2g. Environmental Compliance			
2h. Police and Fire			
2i. Safety			
2j. Supply and Storage Operations			
2k. Major Range Test Facility Base Costs			
2l. Other (Specify)			
2m. Sub-total 2a. through 2l:	$206		$206
3. Depreciation			
4. Grand Total (sum of 1c., 2m., and 3.) :	$248		$248

DATA CALL 66
INSTALLATION RESOURCES

Table 2 - Services/Supplies Cost Data	
Activity Name: DBO Long Beach	UIC: 68347
Cost Category	FY 1996 Projected Costs ($000)
Travel:	$2
Material and Supplies (including equipment):	$326
Industrial Fund Purchases (other DBOF purchases):	$0
Transportation:	$15
Other Purchases (Contract support, etc.):	$1,974
Total:	$2,317

DATA CALL 66
INSTALLATION RESOURCES

Table 3 - Contract Workyears	
Activity Name: Defense Printing Service	**UIC:** ~~AH~~ 68347
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	
Facilities Support:	
Mission Support:	
Procurement:	
Other:*	
Total Workyears:	

N/A (DPS has tenants only; do not support installations)

UIC 68347

DATA CALL 66
INSTALLATION RESOURCES

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)):

N/A

2) Estimated number of workyears which would be eliminated:

N/A

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):

N/A

UIC 68347

DATA CALL 66
INSTALLATION RESOURCES

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.)
N/A	N/A

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
N/A	N/A

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

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)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

Activity _____

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

MAJOR CLAIMANT LEVEL

R. M. MOORE, RADM, SC, USN
NAME (Please type or print)

RM Moore
Signature

COMMANDER
Title

AUG 24 1994
Date

NAVAL SUPPLY 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)

WA Earner
Signature

Title

8/30/94
Date

BRAC-95 CERTIFICATION

EFFECTED LOCATION(S):

DPS-Wide

DATA CALL BEING CERTIFIED:

BRAC-95 Data Call #66

Per SECNAV NOTE 11000 dtd 8 Dec 93

"I certify that the information contained herein for the following location(s) is accurate and complete to the best of my knowledge and belief."

WILLIAM J. PORTER
NAME (Please type or print)

W J Porter
Signature

Acting Director
Title

8/15/94
Date

DPS Headquarters
Activity

Enclosure (1)

DATA CALL 64
CONSTRUCTION COST AVOIDANCES

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

Installation Name:	**LONG BEACH CA NSY**
Unit Identification Code (UIC):	**N60258** #114
Major Claimant:	**NAVSEA**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
2001	224	HAZ & FLAMM STOREHSE	MCON	6,170
2001	241	MUNICIPAL SEWER CONNECTION	MCON	6,800
		Sub-Total - 2001		**12,970**
		Grand Total		**12,970**

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

2/18/94
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.

114 R

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

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

Installation Name:	**LONG BEACH CA NSY**
Unit Identification Code (UIC):	**N60258**
Major Claimant:	**NAVSEA**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
2001	224	HAZ & FLAMM STOREHSE	MCON	6,170
2001	241	MUNICIPAL SEWER CONNECTION	MCON	6,800
		Sub-Total - 2001		**12,970**
		Grand Total		**12,970**

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)

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

114

DATA CALL 65 Activity: LBNSY UIC: 60258
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

Activity Name:	**LONG BEACH NAVAL SHIPYARD**
UIC:	**N60258**
Major Claimant:	**NAVAL SEA SYSTEMS COMMAND (SEA 07)**

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 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:	**$40,203**

Source of Data (1.a. Salary Rate): Priceout exhibit AFMB 96

b. Location of Residence. Complete the following table to identify where employees live. Data should reflect current workforce.

1) Residency Table. Identify residency data, by county, for both military and civilian (civil service) employees working at the installation (including, for example, operational units that are homeported or stationed at the installation). For each county listed, also provide the estimated average distance from the activity, in miles, of employee residences and the estimated average length of time to commute one-way to work. For the purposes of displaying data in the table, any county(s) in which 1% or fewer of the activity's employees reside may be consolidated as a single line entry in the table, titled "Other".

County of Residence	State	No. of Employees Residing in County		Percentage of Total Employees	Average Distance From Base (Miles)	Average Duration of Commute (Minutes)
		Military	Civilian			
LOS ANGELES	CA	17	2754	76.3	17	25
ORANGE	CA	4	665	18.4	30	60
RIVERSIDE	CA	1	92	2.6	64	120
SAN BERNARDINO	CA	0	92	2.6	67	125
OTHER	MISC	5	6	.1	80	120
TOTAL		27	3609	100	23	36

= 100%

Note: Civilian personnel number variance is due to the requirement for mailing pay checks to ex-shipyard employees. The above table data were derived from check mailing records, since DCPDS does not contain an employee address data field.

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:

None

Source of Data (1.b. 1) & 2) Residence Data):MIS REPORT "ZIP"

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	32
Glendale	Los Angeles	32
Inglewood	Los Angeles	12
Long Beach	Los Angeles	0
Los Angeles	Los Angeles	*
Pasadena	Los Angeles	28
Pomona	Los Angeles	48
Torrance	Los Angeles	10
Anaheim	Orange	24
Fullerton	Orange	27
Garden Grove	Orange	15
Huntington Beach	Orange	16
Irvine	Orange	19
Orange	Orange	25
Santa Ana	Orange	20

***The City Of Los Angeles (LA) is a city of communities. There are 75 community names recognized by the City. The distance from the LA City boundary to the shipyard ranges from 1 mile to approximately 48 miles.**

Source of Data (1.c. Metro Areas):Automobile Club of Southern California, City of Torrance

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	2	0.1%
20 - 24 Years	67	1.9%
25 - 34 Years	464	13.1%
35 - 44 Years	1198	33.9%
45 - 54 Years	1264	35.8%
55 - 64 Years	480	13.6%
65 or Older	58	1.6%
TOTAL	3533	100 %

Source of Data (1.d.) Age Data): DCPDS, data date 6/27/94

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	33	0.9%
9th through 11th Grade	222	6.3%
12th Grade or High School Equivalency	2123	60.1%
1-3 Years of College	820	23.2%
4 Years of College (Bachelors Degree)	277	7.8%
5 or More Years of College (Graduate Work)	58	1.6%
TOTAL	3533	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.)	109
Associate Degree	366
Bachelor Degree	232
Masters Degree	31

Doctorate	**2**

Source of Data (1.e.1) and 2) Education Level Data): DCPDS data date 6/27/94

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**
2. Construction (includes facility maintenance and repair)	15-17	**170**	**4.8**
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	**0**	**0**

Industry	SIC Codes	No. of Civilians	% of Civilians
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	2125	60.1
3d. Other Transportation (includes ground vehicles)	vario us	0	0
3e. Other Manufacturing not included in 3a.through 3d.	vario us	0	0
Sub-Total 3a. through 3e.	20-39	2125	60.1
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	0	0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	158	4.5
4c. Water Transportation (includes organizational level maintenance)	44	9	.3
4d. Air Transportation (includes organizational level maintenance)	45	0	0
4e. Other Transportation Services (includes organizational level maintenance)	47	37	1.0
4f. Communications	48	0	0
4g. Utilities	49	63	1.8
Sub-Total 4a. through 4g.	40-49	267	7.6
5. Services	70-89		
5a. Lodging Services	70	9	.3
5b. Personal Services (includes laundry and funeral services)	72	0	0

Industry	SIC Codes	No. of Civilians	% of Civilians
5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services)	73	**384**	**10.9**
5d. Automotive Repair and Services	75	**0**	**0**
5e. Other Misc. Repair Services	76	**0**	**0**
5f. Motion Pictures	78	**0**	**0**
5g. Amusement and Recreation Services	79	**0**	**0**
5h. Health Services	80	**1**	**0**
5i. Legal Services	81	**1**	**0**
5j. Educational Services	82	**27**	**0.8**
5k. Social Services	83	**11**	**.3**
5l. Museums	84	**0**	**0**
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	**334**	**9.5**
5n. Other Misc. Services	89	**54**	**23.2**
Sub-Total 5a. through 5n.:	70-89	**821**	**23.2**
6. Public Administration	91-97		
6a. Executive and General Government, Except Finance	91	**48**	**1.4**
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	**0**	**0**
6c. Public Finance	93	**56**	**1.6**
6d. Environmental Quality and Housing Programs	95	**46**	**1.3**

Industry	SIC Codes	No. of Civilians	% of Civilians
Sub-Total 6a. through 6d.		**150**	**4.2**
TOTAL		**3533**	**100 %**

Source of Data (1.f.) Classification By Industry Data):DCPDS, data date 6/27/94

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	**208**	**5.9**
2. Professional Specialty		
2a. Engineers	**109**	**3.1**
2b. Architects and Surveyors	**1**	**0**
2c. Computer, Mathematical & Operations Research	**0**	**0**

Occupation	Number of Civilian Employees	Percent of Civilian Employees
2d. Life Scientists	0	0
2e. Physical Scientists	8	0.2
2f. Lawyers and Judges	1	0
2g. Social Scientists & Urban Planners	10	0.3
2h. Social & Recreation Workers	1	0
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	0	0
2k. Health Diagnosing Practitioners (Doctors)	0	0
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	0	0
2m. Communications	0	0
2n. Visual Arts	0	0
Sub-Total 2a. through 2n.:	**130**	**3.7**
3. Technicians and Related Support		
3a. Health Technologists and Technicians	0	0
3b. Other Technologists	233	6.6
Sub-Total 3a. and 3b.:	**233**	**6.6**
4. Administrative Support & Clerical	**235**	**6.6**
5. Services		
5a. Protective Services (includes guards, firefighters, police)	182	5.2
5b. Food Preparation & Service	0	0
5c. Dental/Medical Assistants/Aides	0	0

Occupation	Number of Civilian Employees	Percent of Civilian Employees
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	39	1.1
Sub-Total 5a. through 5d.	221	6.3
6. Agricultural, Forestry & Fishing	0	0
7. Mechanics, Installers and Repairers	475	13.4
8. Construction Trades	1527	43.2
9. Production Occupations	283	8.0
10. Transportation & Material Moving	58	1.6
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	163	4.6
TOTAL	3533	100 %

Source of Data (1.g.) Classification By Occupation Data): DCPDS, data date 6/27/94

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:	**89%**
2. Percentage of Military Spouses Who Work Outside of the Home:	**72%**
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:	**22%**
3b. Employed "On-Base" - Non-Appropriated Fund:	**6%**
3c. Employed "Off-Base" - Federal Employment:	**6%**
3d. Employed "Off-Base" - Other Than Federal Employment	**61%**
3e. Military spouse	**5%**

Source of Data (1.h.) Spouse Employment Data): Long Beach Naval Shipyard Administrative Officer Survey dtd 07/05/94

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.

1) Using the **A - B - C** rating system described above, complete the table below.

Category	20% Increase	50% Increas	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
Recreational Activities	A	A	A

Remember to mark with an asterisk any categories which are wholly supported on-base.

N/A

2) For each rating of **"C"** identified in the table on the preceding page, attach a brief narrative explanation of the types and magnitude of improvements required and/or the nature of any barriers that preclude expansion.

N/A

Source of Data (2.a. 1) & 2) - Local Community Table): City of Long Beach, Department of Community Development

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

Category	20% Increase	50% Increase	100% Increase
Recreation Facilities	**A**	**A**	**A**

Remember to mark with an asterisk any categories which are wholly supported on-base.

N/A

2) For each rating of **"C"** identified in the table on the preceding page, attach a brief narrative explanation of the types and magnitude of improvements required and/or the nature of any barriers that preclude expansion.

N/A

Source of Data (2.b. 1) & 2) - Regional Table): City of Long Beach, Department of Community Development

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:

Vacancy rate for Los Angeles County as of June 1993 was 12% (3,750 vacancies from a sample size of approximately 31,000 units. Preliminary vacancy rate for the Los Angeles County is 11.4% as of June 1994. The City of Long Beach had a vacancy rate of more than 10% as of July 5, 1994. For Orange County the vacancy rate is 7.2% as of April 1994 (5,923 vacancies from a sample size of 81,552 units).

Units for Sale:

Current data on Units for Sale not available. However, the following data reflects the new and existing houses sold during 1993 - LA County 72,217 and Orange County 30,683; and for the first quarter 1994 - LA County 16,734 and Orange County 7,691.

Source of Data (3.a. Off-Base Housing): Apartment Owners of Southern California, Apartment Association of Orange County & Long Beach Department of Community Development.

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	Current	Max.** Ratio	
Los Angeles County						See Note 1		See Note 2	See Note 3
1. Alhambra City	Los Angeles	13	0	5	23,895		30.0		
2. Castaic Union	Los Angeles	2	1	0	1,486		26.9		
3. East Whittier City	Los Angeles	10	3	0	7,643		28.1		
4. Eastside Union	Los Angeles	2	1	0	1,816		28.3		
5. El Monte City	Los Angeles	18	0	6	11,042		27.2		
6. Garvey	Los Angeles	11	2	0	7,462		30.1		
7. Gorman	Los Angeles	1	0	0	59		19.7		
8. Hawthorne	Los Angeles	7	2	0	6,917		25.1		
9. Hermosa Beach City	Los Angeles	2	0	0	719		23.9		
10. Hughes-Eliz. Lakes Un.	Los Angeles	1	0	0	473		31.6		
11. Keppel Union	Los Angeles	5	1	0	2,996		26.4		
12. Lancaster	Los Angeles	12	2	0	11,607		27.7		
13. Lawndale	Los Angeles	6	1	0	4,406		29.0		
14. Lennos	Los Angeles	5	1	0	5,543		28.7		
15. Little Lake City	Los Angeles	7	2	0	4,194		29.5		
16. Los Nietos	Los Angeles	3	1	0	1,977		29.6		
17. Lowell Joint	Los Angeles	4	1	0	2,690		28.4		
18. Manhattan Beach City	Los Angeles	4	1	1	2,473		28.2		
19. Mountain View	Los Angeles	11	1	0	8,998		28.7		
20. Newhall	Los Angeles	6	0	0	4,781		29.1		
21. Palmdale	Los Angeles	16	2	0	14,406		28.1		
22. Redondo Beach City	Los Angeles	8	2	2	4,555		28.4		

23. Rosemead	Los Angeles	4	1	0	3.018		28.9		
24. San Gabriel	Los Angeles	7	0	0	3.425		27.9		
25. Saugus Union	Los Angeles	10	0	0	5.963		29.5		
26. Soledad-Agua Dulce Un.	Los Angeles	3	0	0	1.561		30.0		
27. South Whittier	Los Angeles	6	1	1	3.650		28.7		
28. Sulphur Springs Union	Los Angeles	7	0	0	3.733		29.1		
29. Valle Lindo	Los Angeles	2	0	0	1.164		24.1		
30. Westside Union	Los Angeles	8	2	0	4.565		28.4		
31. Whittier City	Los Angeles	11	2	0	6.039		27.9		
32. Wilsona	Los Angeles	2	1	0	2.105		26.2		
33. Wisebum	Los Angeles	3	0	0	1.433		28.8		
34. Antelope Valley Union	Los Angeles	0	0	7	12.581		See Note 4		
35. Centinela Valley Union	Los Angeles	0	0	4	7.491		See Note 4		
36. El Monte Union	Los Angeles	0	0	5	15.149		See Note 4		
37. South Bay Union	Los Angeles	0	0	4	4.648		See Note 4		
38. Whittier Union	Los Angeles	0	0	6	11.684		See Note 4		
39. William S. Hart Union	Los Angeles	0	0	7	10.851		See Note 4		
40. Artesia, Bellflower, Cerritos	Los Angeles	21	5	4	24.710		26.8		Yes
41. Arcadia	Los Angeles	6	3	2	8.158		29.7		
42. Azusa	Los Angeles	12	3	2	12.605		29.0		
43. Baldwin Park	Los Angeles	13	4	2	21.137		29.05		
44. Bassett	Los Angeles	5	1	1	7.442		28.75		
45. Bellflower	Los Angeles	9	0	2	11.046		31.0		
46. Beverly Hills	Los Angeles	4	0	2	5.097		25.6		
47. Bonita	Los Angeles	8	2	3	9.965		29.2		
48. Burbank	Los Angeles	11	3	3	13.185		29.0		
49. Charter Oak	Los Angeles	5	1	2	6.698		27.7		

50. Claremont	Los Angeles	8	1	3	6,864		29.3		
51. Compton	Los Angeles	24	8	3	30,022		29.9		
52. Covina Valley	Los Angeles	17	0	3	14,237		28.9		
53. Culver City	Los Angeles	4	1	1	5,198		27.6		
54. Downey	Los Angeles	12	4	2	17,516		29.5		
55. Duarte	Los Angeles	5	1	3	4,438		27.4		
56. El Rancho	Los Angeles	9	3	1	11,572		30.5		
57. El Segundo	Los Angeles	1	1	2	2,134		29.3		
58. Glendale	Los Angeles	19	4	6	26,801		30.4		
59. Glendora	Los Angeles	6	2	1	6,806		28.5		
60. Hacienda-La Puente	Los Angeles	23	5	6	36,525		29.0		
61. Inglewood	Los Angeles	14	2	3	17,517		28.6		
62. La Canada	Los Angeles	3	0	1	3,763		31.0		
63. Las Virgenes	Los Angeles	8	2	3	10,123		29.7		
64. Long Beach	Los Angeles	60	15	9	74,295		27.7		Yes
65. Los Angeles	Los Angeles	427	67	49	679,279		28.4		Yes
66. Lynwood	Los Angeles	9	1	2	15,052		27.3		
67. Monrovia	Los Angeles	5	2	2	6,291		27.9		
68. Montebello	Los Angeles	17	6	3	40,107		31.5		
69. Norwalk-La Mirada	Los Angeles	21	0	5	22,026		29.6		
70. Palos Verdes Peninsula	Los Angeles	9	2	1	8,697		29.8		
71. Paramount	Los Angeles	9	2	1	14,152		28.8		
72. Pasadena	Los Angeles	19	3	3	21,795		29.4		
73. Pomona	Los Angeles	24	6	3	32,942		30.3		
74. Rowland	Los Angeles	15	3	2	19,720		29.1		
75. San Marino	Los Angeles	3	1	1	2,804		26.4		
76. Santa Monica-Malibu	Los Angeles	12	3	1	9,312		28.4		
77. South Pasadena	Los Angeles	4	1	1	3,580		29.5		
78. Temple City	Los Angeles	4	1	1	4,744		28.7		
79. Torrance	Los Angeles	21	7	4	24,151		29.1		
80. Walnut Valley	Los Angeles	6	2	1	13,357		28.3		

81. West Covina	Los Angeles	11	0	2	8,340		28.3		

Los Angeles County Information:

**Pupil to teacher ratio for Los Angeles County Schools is the unweighted average of grades 1-3 and grades 4-8. No data is available on student teacher ratios for grades 9-12.

Los Angeles County Department of Education, Public Schools Directory 1994.

Note 1: No established maximum. Enrollment capacity determined by needs, i.e., portable classrooms, use of other buildings, double sessions and other means are used to accommodate students.

Note 2: For grades 1-3: 28.6
For grades 4-8: 28.3
For grades 9-12: 30.0

Note 3: Those districts selected were based on proximity to government housing units.

Note 4: Pupil to teacher ratio not available.

DATA CALL 65 Activity: LBNSY UIC: 60258

ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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	Current	Max.** Ratio	
Orange County						See Note 6		See Note 7	See Note 8
82. Orange County Supt	Orange			3*	3,977		16.0	See Note 4	See Note 3
83. Anaheim Elementary	Orange	21	0	0	16,308		26.9		
84. Anaheim Union High	Orange	0	8	12	23,142		26.8		
85. Brea-Olinda Unified	Orange	6	1	2	5,262		26.1		
86. Buena Park Ele.	Orange	7	0	0	4,741		26.4		
87. Capistrano Unified	Orange	21	4	5	30,042		25.4		
88. Centralia Ele.	Orange	8	0	0	4,632		25.2		
89. Cypress Ele.	Orange	9	0	0	4,102		22.6		
90. Fountain Valley Ele.	Orange	11	0	0	5,901		25.8		
91. Fullerton Ele.	Orange	17	0	0	11,115		24.3		
92. Fullerton Joint Un.	Orange	8	0	0	13,222		28.4		
93. Garden Grove Unified	Orange	45	9	8	41,162		26.2		
94. Huntington Bch City	Orange	8	0	0	5,751		26.7		
95. Huntington Bch Union	Orange	8	0	0	13,867		25.6		
96. Irvine Unified	Orange	22	4	4	21,315		23.7		Yes
97. La Habra City Ele.	Orange	8	0	0	4,970		24.0		
98. Laguna Beach Unified	Orange	2	1	1	2,351		22.9		
99. Los Alamitos Unified	Orange	5	1	2	7,145		25.0		Yes
100. Magnolia Elementary	Orange	8	0	0	5,190		22.9		
101. Newport-Mesa Unified	Orange	20	2	4	17,447		25.5		
102. Ocean View Elementary	Orange	15	0	0	8,753		24.1		
103. Orange Unified	Orange	28	5	5	26,336		24.9		
104. Placentia-Yorba Linda Union	Orange	21	4	4	22,524		26.4		
105. Saddleback Valley Unified	Orange	22	4	5	27,079		24.5		Yes

106. Santa Ana Unified	Orange	35	7	5	48.029		27.0		
107. Savanna Elementary	Orange	4	0	0	2.127		24.9		
108. Tustin Unitied	Orange	10	3	3	11.851		26.3		Yes
109. Westminister Elementary	Orange	17	0	0	8.552		23.0		

Orange County Information:

Note 6: No established maximum. Enrollment capacity determined by needs, i.e., portable classrooms, use of other buildings, double sessions and other means are used to accommodate students.

Note 7: Maximum Ratio:

Kindergarten	**33**
Grades 1-3	**32**
Grades 4-8	**29.9**
Grades 9-12	**30**

Note 8: Those districts selected were based on proximity to government housing units.

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

Source of Data (3.b.1) Education Table): Los Angeles County Department of Education, Los Angeles County School Districts Annual Financial Report, 1991-1992; Orange County Department of Education, Business Services Data, 1992-1993

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): N/A

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 Institute of So. California (Laguna Beach)
DeVry Institute of Technology (Inglewood)
Pitzer College (Claremont)
Pomona College (Claremont)
Scripps College (Claremont)
American Academy of Dramatic Arts/West (Pasadena)
Antelope Valley College (Lancaster)
Azusa Pacific University (Azusa)
Brooks College (Long Beach)
California College of Commerce (Long Beach)
Cerritos College (Norwalk)
Citrus College (Glendora)
Coastline Community College (Fountain Valley)
College for Developmental Studies (West Hollywood)
College of the Canyons (Valencia)
Columbia College - Hollywood (Los Angeles)
Compton Community College (Compton)
Control Data Institute (Anaheim)
Cypress College (Cypress)
Don Bosco Technical Institute (Rosemead)
East Los 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 Insititue (Carson)
ITT Technical Institute (Van Nuys)
LIFE Bible College (Los Angeles)
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)
Orange Coast College (Santa Ana)
Pacific Coast University (Long Beach)
Pacific Christian College (Fullerton)
Pasadena City College (Pasadena)
Pepperdine University (Malibu)
Rancho Santiago College (Santa Ana)
Rio Hondo College (Whittier)

School of Theology at Claremont (Claremont)
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)
Art Center College of Design (Pasadena)
Azusa Pacific University (Azusa)
Biola University (La Mirada)
California Family Study Center (North Hollywood)
California Institute of Technology (Pasadena)
California Institute of the Arts (Valencia)
California School of Professional Psychology (Los Angeles)
California State Polytechnic University, Pomona (Pomona)
California State University, Dominguez Hills (Carson)
California State University, Fullerton (Fullerton)
California State University, Long Beach (Long Beach)
California State University, Los Angeles (Los Angeles)
California State University, Northridge (Northridge)
Chapman College (Orange)
Charles R. Drew University (Los Angeles)
Christ College Irvine (Irvine)
Claremont Graduate School (Claremont)
Cleveland Chiropractic College (Los Angeles)
College For Development Studies - Infancy Through
Adulthood (West Hollywood)
Fuller Theological Seminary (Pasadena)
Harvey Mudd College (Claremont)
Hebrew Union College - Jewish Institute of Religion (Los Angeles)
Los Angeles Chiropractic (Whittier)
Loyola Marymount University (Los Angeles)
Master's College (Newhall)
Mount St. Mary's College (Los Angeles)
Northrop University (Los Angeles)
Occidental College (Los Angeles)
Otis Art Institute Of Parsons School of Design, New School
For Social Research (Los Angeles)
Pacific Christian College (Fullerton)
Pacific Oaks College (Pasadena)
Pepperdine University (Culver City)
RAND Graduate School of Policy Studies (Santa Monica)
Sierra University: A University Without Walls (Costa Mesa)
Southern California College (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 California, Irvine (Irvine)
University of California, Los Angeles (Los Angeles)
University of Judaism (Los Angeles)

University of La Verne (La Verne)
University of Southern California (Los Angeles)
University of West Los Angeles (Los Angeles)
West Coast University (Los Angeles)
Western State University College of Law of Orange County (Fullerton)
Whittier College (Whittier)
Woodbury University (Burbank)
Yeshiva Ohr Elchonon Chabad/West Coast Talmudical Seminary (Los Angeles)

Source of Data (3.b.3) Colleges): Barrons Profiles of American Colleges, Peterson's Guide to Two-Year Colleges, Peterson's 25th Anniversary Edition An Overview to Graduate & Professional Programs; The College Blue Book (MacMillan Publishing Company, New York), 21st Edition, 1987.

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-mechanical 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 (Los Angeles)
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 technology tooling technology, welding technology
Los Angeles Southwest College (Los Angeles)
Electronics engineering technology
Quality Control Technology
Los Angeles Trade-Technical College (Los Angeles)
Electronics engineering technician engineering 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 electronic 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 Occupational Center (Woodland Hills)
  Wordprocessing, refrigeration, and air conditioning maintenance
M.T.I. Business School (Los Angeles)
  accounting, clerical, general business administration)
National Technical Schools (Los Angeles)
  automechanics, computer technology, drafting
South Bay College of Business - Branch Campus (Los Angeles)
  accounting, business administration, clerical
Watterson College (Los Angeles)
  nurse, assistant, security training, word processing
Webster Career College (Los Angeles)
  accounting, clerical, secretarial
College of Oceaneering (Wilmington)
  diver, medic, marine technology
Balin Institute of Technology (Anaheim)
  computer aided drafting, computer programming
Barbizon School of Modeling, Acting & Fashion (Anaheim)
  acting, modeling, fashion merchandising
Bryman School (Anaheim)
  dental assistant, medical assistant
Cal-Diesel Mechanic School (Anaheim)
  auto mechanics
California Lutheran Bible School (Anaheim)
  Bible Study
Computer Learning Center (Anaheim)
  computer programming, word processing
Control Data Institute (Anaheim)
  computer technology, office technology
Creative Artists (Anaheim)
  advertising, art, cartooning
Criss College (Anaheim)
  accounting, business
Gladys Morgan Beauty College (Anaheim)
  cosmetology
Martin Luther Hospital Medical Center (Anaheim)
  radiologic technology
Modern Welding Trade School of Orange County (Anaheim)
  welding, electric arc, welding technology
Orange County Business College (Anaheim)
  accounting, bookkeeping, clerical
Practical Schools (Anaheim)
  air conditioning, heating & refrigeration, computer technology
Rosston School of Hair Design (Anaheim)
  barbering

Southern California College of Medical & Dental Careers (Anaheim)
dental assistant, medical assistant
General Aviation Company (Fullerton)
aircraft flight instruction
St. Jude Hospital (Fullerton)
radiologic technology
Anthony Schools (Garden Grove)
real estate
Flavio Garden Grove Beauty College (Garden Grove)
cosmetology
South Bay College (Hawthorne)
accounting, data entry, secretarial
Hawthorne Community Hospital (Hawthorne)
radiologic technology
Bates Aviation (Hawthorne)
flight instruction
Rose Aviation (Hawthorne)
flight instruction
Security Aviation (Hawthorne)
flight instruction
Academy Pacific Business & Travel College (Hollywood)
airlines & travel careers
American Business Institute (Hollywood)
accounting, clerical, bookkeeping
Musicians Institute (Hollywood)
composition, music
Caroline Leonetti, Ltd. (Hollywood)
acting, radio & television
Newberry School of Beauty (Hollywood)
cosmetology
The Academy of Radio Broadcasting (Huntington Beach)
radio communications
Huntington Beach Adult School (Huntington Beach)
cosmetology
Richard's Beauty College (Huntington Beach)
cosmetology
Kay-Michael School of Hair Design (Huntington Beach)
cosmetology
Pacific Beauty College, Inc. (Huntington Beach)
cosmetology
Control Data Education Center (Irvine)
business administration
Northrop University Institute of Technology (Inglewood)
aircraft mechanics
Centinela Valley Community Hospital (Inglewood)
medical technology
Daniel Freeman Memorial Hospital School of Radiologic
Technology (Inglewood)
radiologic technology

Memorial Hospital Medical Center (Long Beach)
  radiologic technology
Metropolitan Technical Institute & Business College (Long Beach)
  law enforcement, medical assistant, word processing
National Education Center - Bryan Campus (Long Beach)
  dental assisting, medical assistant
Rosston School of Hair Design (Long Beach)
  cosmetology
St. Mary's Medical Center (Long Beach)
  medical technology
Transwestern Institute of Word Processing (Long Beach)
  computers, secretarial
Travel and Trade Career Institute (Long Beach)
  security training, travel & transportation management
Veterans Administration Hospital School of Medical (Long Beach)
  medical technology
Video Technical Institute (Long Beach)
  electronics technology
Marinello School of Beauty (Inglewood)
  cosmetology
Berean Christian College (Long Beach)
  bible study, ministry
Brooks College (Long Beach)
  fashion design, merchandising, interior design
California College of Commerce (Long Beach)
  accounting, bookkeeping, medical transcriber, secretarial
California Paramedical and Technical College (Long Beach)
  computers, medical assistant
California Trade Technical School (Long Beach)
  air conditioning & refrigeration, auto mechanics
Century 21 Real Estate Academy (Long Beach)
  real estate, real estate law
Eagle Aviation, Inc. (Long Beach)
  aircraft flight instruction
Long Beach City College (Long Beach)
  accounting, air conditioning & refrigeration, auto mechanics
  data processing, electronics
Advertising Center (Los Angeles)
  advertising, commercials, marketing
American College of Optics, Inc. (Los Angeles)
  optical dispensing
Anthony Schools (Los Angeles)
  contracting, insurance
Associated Technical College (Los Angeles)
  computer technology, dental assisting, emergency medical
Banking Institute (Los Angeles)
  banking, mortgage broker
Bryan College of Court Reporting (Los Angeles)
  court reporting

The Bryman School (Los Angeles)
dental assisting, medical assistant
California Hospital Medical Center (Los Angeles)
radiologic technology
Cedars-Sinai Medical Center School of Medical Technology (Los Angeles)
medical laboratory technology
Columbia School of Broadcasting (Los Angeles)
communications
Computer Learning Center (Los Angeles)
computer operations, programming
Computer School of California (Los Angeles)
computer programming, word processing
Continental Schools (Los Angeles)
cartooning, commercial art
Control Data Education Center (Los Angeles)
business administration, computers
Control Data Institute (Los Angeles)
computers
Dudley's Auto Body and Trade School (Los Angeles)
auto body repair
Kaiser Foundation Hospital (Los Angeles)
radiologic technology
Los Angeles Business College (Los Angeles)
accounting, clerical, business administration
West Coast University (Los Angeles)
business administration, engineering technology
Webster Career College (Los Angeles)
accounting, clerical, fashion design
University of West Long Angeles School of Paralegal Studies (Los Angeles)
legal assistant, paralegal
University of Southern California (Los Angeles)
physicians assistant, radiation therapy technology
UCLA School of Public Health Center for the Health Sciences (Los Angeles)
medical record technology
UCLA Extension Bilingual Dental Assistant Program (Los Angeles)
dental assisting
UCLA Center for the Health Sciences (Los Angeles)
inhalation therapy, technology, radiologic technology
Pacific Coast College (Los Angeles)
legal assistant, medical assistant, nursing, computer technology, dental technology
O.R.M. Word Processing Training Center (Los Angeles)
computer operator, word processing
Consolidated Welding School (Lynwood)
welding technology
Americal Technical Institute (North Hollywood)

computer technology, electronics

Source of Data (3.b.4) Vo-tech Training):Directory of Public Vocational Technical Schools 1990-91, Public Library Call No. R370.2 D598P, The College Blue Book: Occupational Education (MacMillian Publishing Company, New York) 21st edition, 1987.

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): State of California Department of Transportation

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.

Union Passenger Terminal-Los Angeles, CA
22 miles from Long Beach Naval Shipyard

Source of Data (3.c.2) Transportation):AUTOMOBILE CLUB OF SOUTHERN CALIFORNIA

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.

Long Beach Municipal Airport is the closest commercial airport to this activity at 10 miles but is now limited to three commercial carriers.

Los Angeles International Airport is located a bit further from the Long Beach Naval Complex at 22 miles but has a larger selection of carriers and destinations.

Source of Data (3.c.3) Transportation): AUTOMOBILE CLUB OF SOUTHERN CALIFORNIA

4) How many carriers are available at this airport?

(3) at Long Beach Municipal Airport
(72) at Los Angeles International Airport

Source of Data (3.c.4) Transportation): The Travel Door, Inc.

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

Interstate 710 Highway, 1.5 miles east
Interstate 110 Highway, 1.5 miles west

Source of Data (3.c.5) Transportation): AUTOMOBILE CLUB OF SOUTHERN CALIFORNIA

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.)

There are three four-lane roads leading to the Long Beach Naval Complex two of which tie into interstate highways. Two of the roads leading to LBNSY were recently widened and resurfaced and one is scheduled for widening and resurfacing in calendar year 1995. All are in very good condition. The combination of truck traffic, Terminal Island commuters and Long Beach Naval Complex personnel continue to create moderately congested conditions during peak hours. There are five gates providing access to the complex.

b) Do access roads transit residential neighborhoods?

No.

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

No.

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

A bascule type bridge (The Badger Street Bridge) which is closed to all but train traffic and one platform type draw bridge (The Commodore Heim Bridge) both accessing the town of Wilmington to the north.

Source of Data (3.c.6) Transportation): Long Beach Naval Complex Master Plan and Port of Long Beach Marine Terminal Development Report

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.

Mutual Aid Agreement With The Los Angeles Fire Department

The LAFD agrees to provide one task force (one truck and two triples), one triple combination pumper, and one Battalion Commander to combat emergency incidents within the LBNS which exceed the capabilities of the LBNS.

Additional resources may be authorized by the Chief Engineer or Deputy Department Commander of the LAFD upon request.

The LBNC agrees to provide a triple combination pumper (staffed with four civilian firefighters) to reported incidents within the geographic boundaries of Terminal Island and Henry Ford Avenue between Seaside Avenue and Anaheim Street which require a structure fire response according to LAFD dispatch procedures. Fire response by the LBNC shall be limited to the shaded area on the attached map.

The LBNC further agrees to provide a fire tug to any waterfront emergency in the Los Angeles Harbor area. The LBNS fire tug shall respond within the following guidelines:

Between the hours of 0800 and 1600 Monday through Friday, one YTM (Fire Tug), 2,000 GPM, staffed by eight military personnel and one Chief Officer of the Fire Department. From the hours of 1600 to 0800, Monday through Friday and on Saturday, Sunday and

holidays, a YTM (Fire Tug) can be staffed and underway in approximately two hours from time of notification.

The exchange of fire resources: engine and truck companies, fireboats and paramedic service. Fire and Emergency Medical personnel and equipment to respond to emergency incidents in the geographical areas as specified.

Equipment required in addition to the fire units specified by the agreement be requested by the Operational Chief of the jurisdiction needing assistance through normal Mutual Aid channels.

Mutual Aid Agreement With The Long Beach Fire Department

The City of Long Beach Fire Department will provide to the Long Beach Naval Complex (LBNC) Fire Department the following personnel and equipment to the areas designated as the Naval Station and/or Naval Shipyard:

Engines, Trucks, Fireboats, Paramedics and Battalion Chiefs to all property as requested by the Naval Base Incident Commander.

Unless otherwise specified, Long Beach Fire shall respond a full assignment to the Naval Station. A full assignment shall consist of 3 Engines, 1 Truck, 1 Rescue, 1 Battalion Chief and 2 Fireboats. The requested assistance shall respond Code 3 to the incident.

Long Beach Fire Units that are requested to FILL the Naval Fire Station shall respond Code 2 to the Naval Fire Station and verify with the Naval Dispatcher that they are available and in the station.

The LBNC Fire Department will provide to the City of Long Beach the following:

A Naval Station Engine to that portion of Terminal Island outside the Naval Base and Naval Shipyard, within the City of Long Beach that is designated as Areas "A" and "B" in the Mutual Fire Protection Agreement. (Area "A" is that geographical location as

designated in the Long Beach Fire District Area Index as Areas 1A, 1B and 1F. Area "B" is that geographical location disignated in the Long Beach Fire District Area Index as Areas 3E and 3F.)

The Naval Station Engine that responds to the above locations shall initiate the required first responder actions and/or assist both Long Beach Fire and Emergency Medical personnel.

A Naval Station Engine and a Naval Station Truck Company shall be dispatched to area 13F (Naval Housing) for all structural fires. In ALL incidents, in area 13F, where there is fire damage to United States Government property a minimum of one LBNC Station Fire Representative shall respond to the incident to document damages per Navy policy.

A Naval Station Truck Company shall RESPOND TO THE INCIDENT of all Greater Alarm Fires in the area designated as Battalion One.

A LBNC Truck Company shall FILL at Station #3 for all Greater Alarm Fires outside of Battalion One.

LBNC is in the process of developing a HAZMAT mutual aid agreement with the Long Beach and the Los Angeles Fire Departments.

Source of Data (3.d. Fire/Hazmat): Letters of Agreement between Long Beach Naval Complex and The Long Beach and Los Angeles Fire Departments.

e. **Police Protection.**

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

a) Exclusive, b) Concurrent, c) Proprietory

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.

EXCLUSIVE JURISDICTION

Only the Federal Government has the power to make and, through its various agencies including the military, to enforce the law. Thus, only the specific federal criminal statutes and the crimes adopted through the Assimilative Crimes Act are applicable. Generally, state laws have neither force nor effect; and local, state, or municipal law enforcement authority on the United State Navy and Marine Corp Reserve Center, Terminal Island Naval Complex, which are located in Los Angeles, California.

CONCURRENT JURISDICTION

Both the Federal Government and State Government (including its county and municipal subdivisions) have authority to make and enforce general municipal laws on the land in question. Thus, one offense could be a crime against the Federal Government and also against the local state's law. Both naval authorities and state authorities could enforce and prosecute under their respective law, in the following areas:

(1) Naval Shipyard, Long Beach California.

(2) Naval Station, Long Beach California.

(4) Fleet and Industrial Center Detatchment, Long Beach California.

PROPRIETORY JURISDICTION

Where the Federal Government has acquired a degree of ownership of a piece of property but has not obtained legislative authority over the area, generally only the state has the power to enforce its law on the property. The U.S. has the right, however, as does any landowner or tenant, to protect its property. In addition, state authorities cannot interfere with any valid military activity on such property. Listed below are housing areas which will transfer to Long Beach Naval Shipyard on 1 October 94 within which Proprietory Jurisdiction applies:

(1) Seal Beach Housing, Seal Beach, CA.
(2) White's Point Naval Housing, San Pedro, CA.
(3) San Pedro Naval Housing, San Pedro, CA.
(4) Los Alamitos Naval Housing, Los Alamitos, CA.

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

Yes, Naval Criminal Investigative Service LA conducts all liaison with local Police Departments. Naval Criminal Investigative Service has arranged for local police protection.

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.

Local law enforcement agreements have been arranged by the Naval Criminal Investigative Service (NCIS). They exist with the Los Angeles Police Department, Seal Beach Police Department, Long Beach Police Department, and the Los Alamitos Police Department. Each department has exercised its right to assume complete investigative jurisdiction over the navy housing areas within the boundaries of their cities. Each police department has agreed to provide complete police services to these naval properties and the people/employees which occupy them.

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): Report of Investigation dated November 30, 1987

f. **Utilities.**

1) Does the activity have an agreement with the local community for water, refuse disposal, power or any other utility requirements? Explain the nature of the agreement and identify the provider of the service.

Activity has utility service contracts with the City of Long Beach for natural gas and water; the City of Los Angeles for sewer, water and electricity; and Southern California Edison Company for electricity.

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.

From March 29, 1991 to March 16, 1992 the city implemented phase 4 of their Emergency Water Conservation Plan. The allocation was 80% of the base year (May 1, 1989 - April 30, 1990). Activity issued a water conservation note and an appeal to the city. On June 6, 1991 the city granted the appeal. Activity operations were not affected except for additional water conservation efforts.

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.

Activity has not been subject to any electrical brown outs or black outs during the last five years.

Source of Data (3.f. 1) - 3) Utilities): Long Beach Water Department Letter dated 13 Sept 91

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	Maintenance	84,738
2. Los Angeles Unified School District	Teaching	55,000
3. City of Los Angeles	Maintenance	45,724
4. Allied Signal Aerospace Co.	Aerospace	35,000
5. Kaiser Permanente	Healthcare	32,720
6. Hughes Aircraft Co.	Aircraft/Aerospace	30,000
7. Bank of America	Banking	29,742
8. Northrop	Aerospace	25,000
9. Rockwell International Corp.	Aerospace	22,000
10. American Stores	Grocery	21,609

Source of Data (4. Business Profile): Economic Development Corporation of Los Angeles County (Report includes Orange County)

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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) Los Angeles County has lost 479,000 non-agricultural jobs during the period of May 90 - May 94. Orange County has lost an additional 60,700 non-agricultural jobs during the period of June 90 - May 94. Industry breakdowns are explained in the succeeding paragraphs.

In the manufacturing sector, Los Angeles County has lost 199,300 jobs from 1989-1993. A projected loss of 31,500 jobs is forecasted for 1994 with an additional lost of 24,000 jobs forecasted for 1995.

Orange County has lost 42,000 jobs in the manufacturing industry from 1989-1993. A projected loss of 5,000 jobs is forecasted for 1994 with an additional loss of 2,000 jobs forecasted in 1995.

The Aerospace/hightech industry for Los Angeles County has lost 96,000 jobs from 1989-1993. A projected loss of 20,000 jobs is forecasted for 1994 with an additional loss of 18,000 jobs forecasted in 1995.

Orange County has lost 22,100 jobs in the Aerospace/hightech industry from 1989-1993. A projected loss of 5,700 jobs is forecasted for 1994 with an additional loss of 4,500 in 1995. These figures do not include the loss of 6,300 military personnel and 1,900 civilian jobs as a result of the El Toro Marine Corps, Air Station, located in Orange County.

It has been determined by the Economic Development Corporation of Los Angeles County, Inc., that "for every direct aerospace job lost, another 2.0 to 2.5 jobs are impacted."

In 1991, there were 40 organizations with 10,000 or more employees in the Los Angeles Five County Area. Nineteen of these firms have significantly reduced their employment according to 1993 data obtained from the Economic Development Corporation of Los Angeles County, Inc.

The organization names and the number of employees who have lost their jobs follows:

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DATA CALL 65 Activity: LBNSY UIC: 60258

ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

1.	McDonnel Douglas		62,701	91
			-21,204	93
		Loss of Jobs	41,497	
2.	Northrop		40,000	91
			-25,000	93
		Loss of Jobs	15,000	
3.	Rockwell		34,900	91
			-22,000	93
		Loss of Jobs	12,900	
4.	American Stores		24,370	91
	(Lucky Grocery)		-21,609	93
		Loss of Jobs	2,701	
5.	Pacific Telesis Group		21,563	91
			-19,000	93
		Loss of Jobs	2,563	
6.	Sears, Roebuck & Co.		29,658	91
			-16,068	93
		Loss of Jobs	13,590	
7.	UCLA		17,400	91
			-16,000	93
		Loss of Jobs	1,400	
8.	Walt Disney Co.		20,000	91
			-11,000	93
		Loss of Jobs	9,000	
9.	Ralphs Grocery Co.		15,000	91
			-10,190	93
		Loss of Jobs	4,810	
10.	Robinson-May		14,100	91
	(Apparel)		-12,000	93
		Loss of Jobs	2,100	
11.	Times Mirror Co.		13,400	91
	(Los Angeles Times)		-11,903	93
		Loss of Jobs	1,497	
12.	GTE		15,000	91
	(Telephone)		-13,119	93
		Loss of Jobs	1,881	

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13. The Vons Company (Grocery)		20,654	91
		-14,432	93
	Loss of Jobs	6,222	
14. Lockheed Corporation		34,619	91
		-7,686	93
	Loss of Jobs	26,927	
15. Carl Karcher Enterprises (Fast Food)		10,000	91
		-7,524	93
	Loss of Jobs	2,476	
16. Teledyne, Inc.		12,565	91
		-5,990	93
	Loss of Jobs	6,575	
17. Los Angeles Unified School District		58,538	91
		-55,000	93
	Loss of Jobs	3,538	
18. Los Angeles Community College District		28,431	91
		-6,046	93
	Loss of Jobs	22,385	
19. Pacific Enterprises (The Gas Co.)		20,354	91
		-8,746	93
	Loss of Jobs	11,608	

The following 151 firms are companies with 100 employees or more which have moved from Los Angeles or Orange Counties. Total loss of employment from these 151 firms is 46,203.

COMPANY NAME	TYPE OF BUSINESS	# OF EMPLOYEES	COUNTY
1. Lockheed	Aircraft Production	5000	Los Angeles
2. Alcoa Composites	High strength materials	800	Orange
3. Bank of America	Credit card processing center	1200	Los Angeles
4. General Motors	Manufacturer of Cars	2600	Los Angeles
5. Mark Industries	Aerial lift manufacturer	700	Los Angeles

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DATA CALL 65 Activity: LBNSY UIC: 60258

ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

5. **Other Socio-Economic Impacts.** For each of the following areas, describe other recent (past 5 years), on-going or projected economic impacts (both positive and negative) on the geographic region defined by your response to question 1.b. (page 3), in the aggregate:

a. Loss of Major Employers:

~~The following 151 firms are companies with 100 employees or more which have moved from Los Angeles or Orange Counties. Total loss of employment from these 151 firms is 46,203.~~

COMPANY NAME	TYPE OF BUSINESS	# OF EMPLOYEES	COUNTY
1. Lockheed	Aircraft Production	5000	Los Angeles
2. Alcoa Composites	High strength materials	800	Orange
3. Bank of America	Credit card processing center	1200	Los Angeles
4. General Motors	Manufacturer of Cars	2600	Los Angeles
5. Mark Industries	Aerial lift manufacturer	700	Los Angeles
6. Transamerica Insurance	Insurance	850	Los Angeles
7. Manasco Aerosystems	Jet handling gear	300	Los Angeles
8. Symbol Technologies	Manufacture computer devices	400	Orange
9. SPS Technologies Inc.	Aerospace fasteners	300	Orange
10. R.H. Macy & Co.	Retail	300	Los Angeles
11. Harpers Inc.	Office Furniture Maker	550	Los Angeles
12. Harpers	Office Furniture	600	Los Angeles
13. Carrier Corporation	Manufacturing	485	Los Angeles

DUPLICATE OF LBNSY REVISED PAGE 47b OF 18 AUG 94

R.M.C. NAVSEA 07I2 15 SEPT 94

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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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3. Bank of America	Credit card processing center	1200	Los Angeles
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11. Harpers Inc.	Office Furniture Maker	550	Los Angeles
12. Harpers	Office Furniture	600	Los Angeles
13. Carrier Corporation	Manufacturing	485	Los Angeles

14. Zee Medical	Medical Supplies Manufacturer	300	Orange
15. Mileage Plus, Inc.	Airlines	350	Los Angeles
16. Baxter Intl.	Medical Supplies	435	Los Angeles
17. Automotive Parts Exchange	Engine Parts	300	Orange
18. Zero Corporation	Computer Manufacturer	450	Los Angeles
19. Westinghouse Electric Corp.	Electric Manufacturer	300	Los Angeles
20. SFE Technologies	Manufacturing	360	Los Angeles
21. Trust Services of America	Financial Services	310	Los Angeles
22. Kaempen-Comanche Composite Tanks	Underground Tanks	300	Orange
23. Focus on Family	Service/ manufacturing	300	Los Angeles
24. Dollar-Rent-A-Car	Accounting & reservation service	400	Los Angeles
25. Chromalloy	Aircraft turbine	300	Los Angeles
26. Carter Hawley Hale	Credit card processing	650	Orange
27. Capital Group	Mutual Funds Service Center	431	Los Angeles
28. A&E Systems	RV Accessories	400	Orange
29. Weiser Lock	Locks	500	Orange
30. Security Pacific Bankcard Center	Credit card Precessing Center	600	Los Angeles
31. Rockwell Int'l	Circuit Boards	400	Orange
32. Targeted Coverage Inc.	Direct Mail Advertising	319	Los Angeles

33. Lucas Western	Aerospace	500	Los Angeles
34. Lorimar Metro Colorlab	Film Processing	300	Los Angeles
35. Good Bedrooms	Furniture Manufacturer	300	Los Angeles
36. Benchmark Tech.	Manufactur Circuit Boards	150	Los Angeles
37. Eric Morgan Inc.	Wood Assembly	175	Los Angeles
38. General Dynamics	Missile Parts Production	200	Los Angeles
39. H&L Forge	Aerospace	100	Los Angeles
40. Hill Refrigeration	Manufacturing	250	Los Angeles
41. Host Int'l	Hospitality	150	Los Angeles
42. PEMCO	Plastic Computer Reels	200	Orange
43. Norris Industries	Aerospace	150	Los Angeles
44. Ringier America	Printing Plant	150	Orange
45. Smith Int'l	Oil field Equip	150	Orange
46. Van de Kamp Foods	Food Processing	280	Los Angeles
47. AMI	Healthcare	207	Los Angeles
48. Atapco	Office Supply	125	Los Angeles
49. ATF Medical	Leasing	120	Los Angeles
50. Cal Pacific Poultry	Poultry Processing	196	Los Angeles
51. Central Industrial Eng.	Steel Manufacturer	150	Los Angeles
52. Champion Products Inc.	Manufactur Athletic wear	138	Los Angeles
53. Colter & Co.	Warehouse distributors	100	Los Angeles

54. Crown Leisure Products Inc.	Lawn & Garden Furniture	117	Los Angeles
55. Davis Walker Products	Wire Products	130	Los Angeles
56. Design Foods	Food Warehouse	172	Los Angeles
57. Emerson Computer Power	Computer Aids	125	Orange
58. Garrett Automotive	Automotive	150	Los Angeles
59. International Multifoods	Food Manufacturer	119	Los Angeles
60. Malco Plastics	Plastic Manf.	123	Los Angeles
61. Toys R Us	Retail Toys	111	Los Angeles
62. Santa Fe Terminal Services	Transportation	244	Los Angeles
63. Vogue Shoes Inc.	Shoe Manufacturer	100	Los Angeles
64. Abbott Laboratories	Medical	100	Los Angeles
65. Allergan Optical Inc.	Contact lenses	210	Orange
66. Denny's Corp	Resturant Headquarters	150	Los Angeles
67. Dolco Packaging Co.	Cardboard Box Manufacturer	138	Los Angeles
68. Excel Environment	Service, asbestos	216	Los Angeles
69. Exide Corp	Battery Manf.	106	Los Angeles
70. Fender Musical Instrument	Musical Instrument Manufacturer	115	Los Angeles
71. Itel	Electronics	150	Los Angeles
72. ISC., Inc.	Packaging Manufacturer	100	Orange

73. Lakewood Instruments	Industrial Components Manufacturer	125	Los Angeles
74. Lear-Seigler Truck	Truck Brake Manufacturer	118	Los Angeles
75. Reflections Fine Bedding Attire	Bedding Manufacturer	154	Los Angeles
76. Stoody Company	Welding Equipment	210	Los Angeles
77. Wilson Showcase and Fixtures	Manufacturing Display	125	Los Angeles
78. Ace Hardware Co.	Hardware Products	150	Los Angeles
79. Advanced Sleep Products	Waterbed Manufacturer	162	Los Angeles
80. Atlas Headwear	Hat Manufacturer	141	Los Angeles
81. BASF Corp	Electronics	125	Orange
82. Bausch & Lomb	Sporting Good Optics	110	Los Angeles
83. Bushnell	Manufacturing Telescope and Binoculars	140	Los Angeles
84. Calavar Corp.	Manufacturing Scissors Lifts	180	Los Angeles
85. Curico	Plastic Manufacturing	148	Orange
86. Datacard Corps	Electronics	125	Orange
87. Eldor Rubbermaid	Office Products	129	Los Angeles
88. Freeman Cosmetic	Manufacturing	125	Los Angeles
89. Galaxy Group Inc.	Aircraft Maintenance	200	Los Angeles
90. Glen Custom Hotel furniture	Manufacturing Hotel Furniture	142	Los Angeles

91. Golden West Refining	Oil Refining	280	Los Angeles
92. Good Tables	Furniture Manufacturing	290	Los Angeles
93. Grow Group, Inc.	Manufacturing	138	Los Angeles
94. Hytek Microsystems	Manufacturing Lines for Micro Circuit	100	Los Angeles
95. Interamerican Public Distribute	Manufacturing	138	Los Angeles
96. Johnson & Johnson	Health Products	257	Los Angeles
97. Keebler Company	Food Distributor	106	Los Angeles
98. Ladish	Manufacturing Aerospace forgings	232	Los Angeles
99. Main Line Corp	Manufacturing Power Cables	232	Los Angeles
100. McDonnell Douglas Travel	Private Business Travel Management	105	Los Angeles
101. NCH Corporation	Plastic Inspection Molding	100	Orange
102. Natler Manufacturing	Metal fabrication	200	Los Angeles
103. Northern Chattham	Bedding Mfg.	170	Los Angeles
104. Pass & Seymour	Electronic Components	180	Los Angeles
105. Pennsylvania Life Insurance	Insurance Service	200	Los Angeles
106. Sears	Appliance Repair	123	Los Angeles
107. Sears Roebuck & Co.	Purchasing Dept	120	Los Angeles
108. Sundstrand Aviation	Aerospace	250	Los Angeles

109. Weider Food Processing	Manufacturing	250	Los Angeles
110. Alcon Surgical Inc.	Manufacturing	108	Los Angeles
111. EEMCO	Speciality Motors	200	Los Angeles
112. Santa Fe International Corp	Oil Drilling Service	160	Los Angeles
113. Westnaco (Unit of Nestle)	Research Facility	100	Los Angeles
114. World Pepe Service	Sports Wear Mfg	110	Los Angeles
115. Altuim	Supplies Computer Design	175	Los Angeles
116. Northrop Corporation	Aircraft Components Plant	140	Orange
117. Redken's Cosmetic Plant	Cosmetic Industry	250	Los Angeles
118. Ryder Aviall	Aircraft Engine Repair	220	Los Angeles
119. Mitsubishi Consumer Electronics Group	Mfg Television Sets	150	Orange
120. AFG Industries	Bearing Foundry	380	Orange
121. AST Research	Computer Manufacturer	400	Orange
122. American Wireless	Manufacture Electronic Equipment	100	Orange
123. Ball Icon Glass	Glass Containers	300	Orange
124. Collins Defense Communications	Manufacture Electronic Equipment	530	Orange
125. Denny's Restaurant	Corporate Headquarters	300	Orange

126. Great American West Insurance	Insurance	200	Orange
127. Gem Products	Manufacture Major Appliance Parts	190	Orange
128. Hessco, Inc.	Fiberglass bath fixtures	100	Orange
129. La Habra Cabinets	Furniture Manufacturing	100	Orange
130. Laura Scudder	Food Processing	300	Orange
131. McDonnell Douglas	Aerospace	250	Orange
132. Master-Halco	Manufacture Chain Link Fencing	1000	Orange
133. Microsemi	Electronics	170	Orange
134. Ringier America	Paper Products	150	Orange
135. Transamerica Insurance	Insurance	200	Orange
136. The Exhibit Place	Floral Arrangements	132	Orange
137. Univision	Electronics	100	Orange
138. Zeno Table	Kitchen Furniture Manufacturing	425	Orange
139. Almet Lawnlite	Manufacturing	350	Los Angeles
140. Baxter Healthcare	Pharmacutical Mfg.	750	Los Angeles
141. Grant Hardware Co.	Hardware Mfg.	250	Los Angeles
142. Hercules	Circuit Board Mfg.	295	Los Angeles
143. Hylex Poly	Plastic Bag Mfg.	202	Los Angeles
144. Fleet Aerospace Inc.	Aerospace & Defense	570	Los Angeles

145. American Airlines	Reservations operations	1200	Los Angeles
146. American National Can Corp.	Can Manufacturer	374	Los Angeles
147. BDP Company Division	Air conditioners	200	Los Angeles
148. Carrol Shelby	Wheel Mfg.	210	Los Angeles
149. Fairchild Controls	Aerospace & Defense	240	Los Angeles
150. LA Dish Pacific Division	Ceramics	224	Los Angeles
151. Clopay	Window covering mfg.	168	Los Angeles

b. Introduction of New Businesses/Technologies:

The following 20 firms are companies with 100 employees or more that are expanding in Los Angeles or Orange County. Data available for only 1993 through 31 March 1994.

COMPANY NAME	TYPE OF BUSINESS	# OF EMPLOYEES	NEW LOCATION
Advanced Data Concepts, Inc.	Safeguard and security services	550	Santa Ana
Axel Electronics	Manufactures electronic conversion equipments	100	Compton
Continental Airlines	Airline maintenance base	350	LAX
Fedco Inc.	Retail	600	Buena Park
GT Bicycles	Manufactures Mountain bikes	220	Santa Ana
Kmart	Retail	700	La Habra

Mike Ferry	Real Estate sales and management training firms	100	Costa Mesa
Texaco	Gas & Oil prod-refine company; regional hq.	350	Universal City
U.S. Garment Processing	Garment manufacturing	110	Gardena
Walmart	Retail	150	Anaheim
Warner Elektra Atlantic Corporation	Cassettes & video tape storage	150	Simi Valley
YKK Inc.	Zipper manufacturing	130	Anaheim
Aurora Group	Taiwan-based manufacturer of office accessories	260	Torrance
Camlock, Inc.	Manufacturers aerospace equipment	300	Chatsworth
Home Depot	Retail	175	Mission Viejo
Kmart	Retail	150	Mission Viejo
Konoike Transportation & Engineering	Japanese Conglomerate, largest cold storage facility	750	Wilmington
Rykoff Sexton	Food distributor	1000	La Mirada
Smith's Superstore	Retail	120	Mission Viejo
Verteq Company	Manufacturing equipment for semi-conductors	140	Santa Ana

The total employment gain for the Los Angeles and Orange County area is 6405 jobs.

c. Natural Disasters:

On January 17, 1994 there was a 6.7 magnitude earthquake centered in Northridge, California approximately 47 miles from the Long Beach Naval Shipyard. The facilities withstood this earthquake with scattered minor superficial damage and pose no safety problems.

d. Overall Economic Trends:

The economics of both California and the Los Angeles/Orange County areas started to decline in late 1990, a process that continued through December 1993. According to revised wage and salary employment data, the state from peak (December 1990) through trough (January 1994) lost 849,000 jobs. For Los Angeles, the job loss was 530,000 or 62.4% of the state's total. Factors contributing to this decline were aerospace/high-tech/defense industries downsizing. Other contributing events were restructuring in the financial services and retailing businesses and business migration out of California.

Toward the end of 1993, there were some signs that the end of the downturn in California and the Los Angeles/Orange County areas could be reached in mid to late 1994. The bottom for the Los Angeles County was forecasted to be obtained later in the year.

The economic rebound in California and Los Angeles/Orange Counties should gather momentum during 1995. The roster of positive forces will remain essentially the same, while aerospace/high-tech/defense will continue to be a weak link. While the national economy moves ahead with a 2.8% increase in inflation-adjusted gross product, Los Angeles/Orange Counties are expected to chalk up a less than 2% gain. While the economic outlook appears to be becoming brighter, there will continue to be rapid change, and all entities including government will have to recognize this and adapt. Keeping the economic recovery on track while solving the challenges will be a time consuming, and at times frustrating, process for the residents of California and the Los Angeles/Orange County areas and its leaders. Clear and innovative vision will be required, but it is not impossible.

Source of Data (5. Other Socio/Econ): Economic Development Corporation of Los Angeles County Inc., Automobile Club of Southern California, Orange County Chamber of Commerce and Industry, Earthquake Prepardness Hotline

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

- **Pledged over $210,000 in 1994 to the Combined Federal Campaign to help those in need.**
- **Participated in the 1994 Summer Aide Work Program for local underprivileged youth.**
- **Shipyard Commander is on the Board of Directors of the Compton Skills Center which does vocational training and training of displaced workers in various trades.**
- **Member of the Youth Development Agency Steering Committee which helps prevent gang activity.**
- **Represented on the California State University Long Beach (CSULB) Extension Services Advisory Board for Quality and Productivity improvement.**
- **Represented on CSULB Minority Advisory and Engineering Development Committee.**
- **Over 200 Shipyard Employees volunteered their services to the Federal Emergency Management Agency (FEMA), helping victims of the Northridge Earthquake.**
- **Contributed to the Public Awareness of the U.S. Navy by participating in the 21 May 1994 Torrance Armed Forces Day Parade, 17 March 1994 City of Long Beach Armed Services Commission, and 15 January 1994 Dr. Martin Luther King Parade in the City of Long Beach.**
- **Member of the Board of Directors of the Long Beach Chapter of American Red Cross and Shipyard Employees donated over 124 units of blood in 1993.**
- **Member of the Long Beach Chamber of Commerce and represented on the Military Affairs Committee.**

Source of Data (6. Other): Command Presentation File, Red Cross

UIC N60258

Data Being Certified: BRAC 95 Data Call Number 65, Long Beach Naval Shipyard

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic

NAME (Please type or print)

W. H. Ryzewic

Signature

Executive Director for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate

Title

8/3/94

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.

MAJOR CLAIMANT LEVEL

G. R. STORNER

NAME (Please type or print)

G. R. Storner

Signature

Title

8-5-94

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)

J B Greene Jr.

Signature

ACTING

Title

17 AUG 1994

Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

B. Janov
NAME (Please type or print)

Signature

Shipyard Commander
Title

27 July 1994
Date

Long Beach Naval Shipyard
Activity

Data Call Being Certified: #65

UIC N60258

Data Being Certified: BRAC 95 Data Call Number 65, Revision, Long Beach Naval Shipyard

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

NEXT ECHELON LEVEL (if applicable)

Robert S. Johnson

NAME (Please type or print) Signature

Deputy Commander for Naval Shipyard
and SUPSHIP Management and Field
Activity Support Directorate
(Acting)

9/16/94

Title 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.

MAJOR CLAIMANT LEVEL

S.R. Sterner

NAME (Please type or print) Signature

9-21-94

Title R. STERNER 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)

W. A. EARNER

NAME (Please type or print) Signature

10/5/94

Title Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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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

CAPT John Pickering	
NAME (Please type or print)	Signature
Shipyard Commander	18 August 1994
Title	Date
Long Beach Naval Shipyard	
Activity	

BRAC Data Call #65

Additional Data

Submitted to Paragraph 5.A:
Pages 47R
47aR
47bR

Continuation of 151 firms listed on 47bR is contained in original submission of this data call on 27 July 1994

Document Separator

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DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	Naval Telecommunications Center (NTCC) Long Beach, CA
UIC:	35272
Host Activity Name (if response is for a tenant activity):	Naval Station, Long Beach, CA
Host Activity UIC:	N68311

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.

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: NTCC LONG BEACH, CA		**UIC:** 35272	
Category	**FY 1996 BOS Costs ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair			
1b. Minor Construction			
1c. Sub-total 1a. and 1b.			
2. Other Base Operating Support Costs:			
2a. Utilities	62.8		62.8
2b. Transportation	6.9		6.9
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration			
2j. Other (Specify) Telephone	10.4		10.4
2k. Sub-total 2a. through 2j:	80.1		80.1
3. Grand Total (sum of 1c. and 2k.):	80.1		80.1

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)

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 21., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

Other Notes: All costs of operating the five Major Range Test Facility Bases at DBOF activities (even if direct RDT&E funded) should be included on Table 1B. Weapon Stations should include underutilized plant capacity costs as a DBOF overhead "BOS expense" on Table 1B..

DATA CALL 66
INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: NTCC LONG BEACH, CA		UIC: 35272	
Category	FY 1996 Net Cost From UC/FUND-4 ($000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)			
1b. Real Property Maintenance (<$15K)			
1c. Minor Construction (Expensed)			
1d. Minor Construction (Capital Budget)			
1c. Sub-total 1a. through 1d.			
2. Other Base Operating Support Costs:			
2a. Command Office			
2b. ADP Support			
2c. Equipment Maintenance			
2d. Civilian Personnel Services			
2e. Accounting/Finance			
2f. Utilities			
2g. Environmental Compliance			
2h. Police and Fire			
2i. Safety			
2j. Supply and Storage Operations			
2k. Major Range Test Facility Base Costs			
2l. Other (Specify)			
2m. Sub-total 2a. through 2l:			
3. Depreciation			
4. Grand Total (sum of 1c., 2m., and 3.) :0	0	0	0

DATA CALL 66
INSTALLATION RESOURCES

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: NTCC LONG BEACH, CA	**UIC:** 35272
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	
Material and Supplies (including equipment):	3.5
Industrial Fund Purchases (other DBOF purchases):	
Transportation:	
Other Purchases (Contract support, etc.):	10.8
Total:	14.3

DATA CALL 66
INSTALLATION RESOURCES

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. N/A

Table 3 - Contract Workyears	
Activity Name: NTCC LONG BEACH, CA	**UIC:** 35272
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	
Facilities Support:	
Mission Support:	
Procurement:	
Other:*	
Total Workyears:	0

*** Note:** Provide a brief narrative description of the type(s) of contracts, if any, included under the "Other" category.

DATA CALL 66
INSTALLATION RESOURCES

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)):

N/A

2) Estimated number of workyears which would be eliminated:

N/A

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):

N/A

DATA CALL 66
INSTALLATION RESOURCES

c. "Off-Base" Contract Workyear Data. Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information **(ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above):**

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
0	

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
0	

INSTALLATION RESOURCES, DATA CALL 66 for COMNAVCOMTELCOM

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print) _____ Signature _____

Title _____ Date _____

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)

(Please type or print) _____ Signature _____ Name

Title _____ Date _____

Activity _____

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

MAJOR CLAIMANT LEVEL

T. A. STARK
Name (Please type or print)

T. A. Stark
Signature

Commander,
Title

25 Aug 1994
Date

Naval Computer and Telecommunications 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)

W A Earner
Signature

Title

9/6/94
Date

Enclosure (2)

114

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

20 APRIL 1994

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

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Activity: Long Beach Naval Shipyard
UIC: N60258

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.

Activity: Long Beach Naval Shipyard
UIC: N60258

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)
Pelacanus occidentalis californicus - California Brown Pelican	Endangered	Fed/State	0	0
Larus californicus - California Gull	Special Concern	State	0	0
Phalacrocorax auritus - double-crested cormorant	Special Concern	State	0	0
Sterna antillarum brownii - California least tern	Endangered	Fed/State	0	0

Source Citation: - Natural Resources Management Plan, Long Beach Naval Complex

Activity: Long Beach Naval Shipyard
UIC: N60258

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.	NO
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.	Yes See Note

Note: ***Nycticorax nyctecorax*** **- Black crowned night heron is protected by migratory bird treaty (Important rookery located at NAVSTA. Approximately 150 ornamental shade trees routinely provide nesting places.) Impact: There is no impact on Shipyard operations at this time.**

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.

Activity: Long Beach Naval Shipyard
UIC: N60258

2a.

Does your base possess federal jurisdictional wetlands?	NO
Has a wetlands survey in accordance with established standards been conducted for your base?	NO
When was the survey conducted or when will it be conducted?____/____/____	N/A
What percent of the base has been surveyed?	N/A
What is the total acreage of jurisdictional wetlands present on your base?	N/A

Source Citation:_____

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.

N/A

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.

N/A

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 (See notes below)

Activity: Long Beach Naval Shipyard
UIC: N60258

Note 1: - LBNSY - Phase I of the Archeological, Historical and Architectural survey at LBNSY determined that 40 structures are considered to have enough potential for Architectural and/or historical significance that further evaluation should be performed. Phase II will further evaluate these structures and is scheduled to start June 1994. Upon completion of Phase II, eligibility for listing on the National Register of Historic Places will be determined. However, there currently are no sites, structures, and/or districts that are listed or determined eligible for listing.

Note 2:- NAVSTA - Phases I and II of the archeological, historical and architectural survey are complete and have determined that 15 structures, of which 12 are to be transferred to LBNSY 1 October 94 as a result of BRAC 91, are eligible for possible submission to the historical register. Currently awaiting state historical preservation officer (SHPO) concurrence.

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.	NO

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.

N/A

4b. If there are any non-Navy users of the landfill, describe the user and conditions/agreements.

N/A

Activity: Long Beach Naval Shipyard
UIC: N60258

4c.

Does your base have any disposal, recycling, or incineration facilities for solid waste?					NO
Facility/Type of Operation	Permitted Capacity	Ave Daily Throughput	Maximum Capacity	Permit Status	Comments

List any permit violations and projects to correct deficiencies or improve the facility.
N/A

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.
N/A

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.

Average Discharge Rate: 684,000 gallons per day
Discharge Limit Rate: 900,000 gallons per day
Pollutant Limits:

Arsenic	0.16 mg/l
Cadmium	0.07 mg/l
Copper	1.75 mg/l
Nickel	0.62 mg/l
Silver	5.00 mg/l
Chromium	0.82 mg/l
Zinc	1.70 mg/l
Lead	0.33 mg/l
Molybdenum	TBD (initial .015 mg/l)
Selenium	TBD (initial .022 mg/l)
Cyanide	0.60 mg/l
Dissolved Sulfides	0.10 mg/l
Oil & Grease	600 mg/l
pH	5.5-11.0

Long Beach Naval Complex is in full compliance. Prior recurring discharge violations were for dissolved sulfides and metals (Copper & Zinc). Containment/treatment for heavy metals and Chlorine Dioxide injection for dissolved sulfides have been put into place.

Activity: Long Beach Naval Shipyard
UIC: N60258

4f.

Does your base operate an Industrial Waste Treatment Plant (IWTP)?					YES
ID/Location of IWTP	Type of Treatment	Permitted Capacity	Ave Daily Discharge Rate	Maximum Capacity	Permit Status
Bldg 108	Heavy Metals Removal	20,000 GPD	4000 GPD	30,000 GPD	PBR

List any permit violations and projects to correct deficiencies or improve the facility.

Permit by Rule (PBR) for fixed treatment units FTU 01, FTU 02, FTU 03, and FTU 04.

No permit violations from start to present. IWTP improvement projects:

(a) Oil/Water Separator Installation ($90K), ECD 4/95
(b) Carbon Pack Filter Installation ($63K), ECD 4/95
(c) Filter Press/Sludge Dryer Installation ($250K), ECD 4/95
(d) Fiberglass Tanks Installation ($800K), ECD 6/95
(e) Laboratory Installation ($50K), ECD 3/95

4g. Are there other waste treatment flows not accounted for in the previous tables? Estimate capacity and describe the system.

Yes. Permit by Rule (PBR)
LBNSY:
1. Bldg 132 - Industrial mechanical waste water clarifiers; 40,100 gal/mo
2. Bldg 54 - Truck wash mechanical oil/water separation; 50,000 gal/mo

NAVSTA:
1. Bldg 655 - Dental Clinic - one silver recovery unit; 10 gal/mo.
2. Bldg 831 - Medical Clinic - two silver recovery units; 20 gal/mo each.

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.
N/A

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.

Potable water is supplied by the City of Long Beach and the City of Los Angeles. There are no quantity restrictions.

Activity: Long Beach Naval Shipyard
UIC: N60258

4j.

Does the presence of contaminants or lack of supply of water constrain base operations. Explain.	NO

4k.

Other than those described above does your base hold any NPDES or stormwater permits? If YES, describe permit conditions.	YES
If NO, why not and provide explanation of plan to achieve permitted status.	

(1) NPDES permit (CA0037826) requires monthly Plant Performance Monitoring Report and an annual summary report (July 1).

The following constitutes the effluent monitoring program:

Constituent	Unit	Type of Sample	Frequency of Analysis
Total waste flow	mgd	---	monthly
Total chlorine residual	mg/1	grab	monthly
pH	pH units	grab	monthly
Temperature	^{o}F	grab	monthly
Turbidity	TU	grab	monthly
Oil and grease	mg/1	grab	monthly
Suspended solids	mg/1	grab	monthly
Zinc	µg/l	grab	monthly
Acute toxicity	% survival	grab	quarterly
Cyanide	µg/l	grab	semi-annually
Arsenic	µg/l	grab	semi-annually
Cadmium	µg/1	grab	semi-annually
Chromium (VI)	µg/l	grab	semi-annually
Copper	µg/l	grab	semi-annually
Lead	µg/l	grab	semi-annually
Mercury	ng/1	grab	semi-annually
Nickel	µg/l	grab	semi-annually
Selenium	µg/l	grab	semi-annually
Silver	µg/l	grab	semi-annually
Tributyltin	ng/1	grab	annually
Aldrin	pg/1	grab	once every 5 yrs
Benzene	µg/l	grab	once every 5 yrs
Chlordane	pg/1	grab	once every 5 yrs
Chloroform	µg/l	grab	once every 5 yrs
DDT	pg/1	grab	once every 5 yrs

1,2-dichloro-benzene	mg/l	grab	once every 5 yrs
1,3-dichloro-benzene	µg/l	grab	once every 5 yrs
1,4-dichloro-benzene	µg/l	grab	once every 5 yrs
Dichloromethane	µg/l	grab	once every 5 yrs
Dieldrin	pg/1	grab	once every 5 yrs
Endosulfan	ng/1	grab	once every 5 yrs
Endrin	ng/1	grab	once every 5 yrs
Fluoranthene	µg/l	grab	once every 5 yrs
Halomethanes	µg/l	grab	once every 5 yrs
Heptachlor	ng/1	grab	once every 5 yrs
Heptachlor epoxide	ng/1	grab	once every 5 yrs
Hexachloro-benzene	pg/1	grab	once every 5 yrs
Hexachloro-cyclohexane			
Alpha	ng/1	grab	once every 5 yrs
Beta	ng/1	grab	once every 5 yrs
Gamma	ng/1	grab	once every 5 yrs
PAHs	ng/1	grab	once every 5 yrs
PCBs	pg/1	grab	once every 5 yrs
Pentachlorophenol	µg/l	grab	once every 5 yrs
TCDD equivalents	pg/1	grab	once every 5 yrs
Toluene	mg/1	grab	once every 5 yrs
Toxaphene	ng/1	grab	once every 5 yrs
2,4,6 -trichloro-phenol	µg/l	grab	once every 5 yrs

(2) Storm water permit is the general industrial storm water permit for the area. Permit identification #4B19S005526. It requires monitoring and observations during rainy season and inspections during the dry season. Requires a storm water management plan which has been written (Sep 1992) and implemented (November 1992). Annual Report (July 1).

The following constitutes the effluent monitoring program:

Constituent
pH
Total Suspended Solids
Specific Conductance
Oil & Grease
Cyanide

Phenols
Volatile Organics
Semi-volatile Organics
Asbestos
PCBs
Arsenic
Cadmium
Chromium
Copper
Lead
Nickel
Silver
Zinc
Molybdenum
Selenium

NOTE: None of the above have set limits, however all storm water effluent samples must be tested for these components. Test required for two consecutive rainstorms during the rainy season (1 Oct - 30 APR).

4l.

Does your base have bilge water discharge problem?	**No, Note 1**
Do you have a bilge water treatment facility?	**No, Note 2**

Note 1: Currently all bilge water from ships in industrial availabilities is captured and stored in portable tanks for processing and disposal by outside contractor.

Note 2: An oily waste/waste oil facility is under construction and scheduled to be on line by 1 Aug 94. Capacity is 216,000 GPD. All permits are in place.

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.

None.
No expansions/upgrades.

Rev. 114

Activity: Long Beach Naval Shipyard

UIC: N60258

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 (SCAQMD)
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 an "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: Los Angeles, Orange, Riverside & San Bernardino Counties AQCA: SCAQMD

Pollutant	Attainment	Non-Attainment	Maintenance	Target Attainment Year[1]	Comments[2]	Revisions
CO		X		Note 3	Serious	R
Ozone		X		Note 4	Extreme	R
PM_{10}		X		Note 5	Serious	R
SO_2	X				N/A	
NO_2		Note 7		Note 6		R
Pb	X				N/A	

[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.

3 Both Federal and State is 2000 R

4 Federal 2010, State post-2010 R

5 Federal 2006, State post-2010 R

6 Federal 1995, State 1997 R

Information from Draft Air Quality Mgmt Plan, April 1994, SCAQMD

7 Federal Non-Attainment, marginal; however SCAQMD position is Attainment of Federal Standards 1992, 1993 and 1 Jan - 3 Oct 1994 [Information from Mr. Henry Hugo, SCAQMD] R

Activity: Long Beach Naval Shipyard
UIC: N60258

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 (SCAQMD)**
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 an "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: Long Beach Naval Complex AQCA: SCAQMD

Pollutant	Attainment	Non-Attainment	Maintenance	Target Attainment Year[1]	Comments[2]
CO	X				N/A
Ozone	X				N/A
PM_{10}	X				N/A
SO_2	X				N/A
NO_2	X				N/A
Pb	X				N/A

[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.

Activity: Long Beach Naval Shipyard
UIC: N60258

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, PM_{10} 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	43	4.88	0	13.08	60.96
NOx	83*	0.52	0	4.15	87.67
VOC	88	0.38	0	1.89	90.27
PM_{10}	14	0.005	0	0.439	14.44

Note: *NOx includes portal cranes and floating cranes.

Source Document: SCAQMD Annual Air Emissions Report, 1990 (CY)

Emission Sources

1. **Fuel Combustion**
   Gasoline
   Diesel #2

   Natural Gas
   Propane

2. **Paints**
   Paint, Lacquer and Varnish
   Solvent Based Epoxies
   Thinners
   Adhesives

3. **Solvent Degreasing**

4. **Plastics Operations**
   Resins
   Hardeners

5. **Transportation**
   Filling Fuel Tanks (Fugitive Emissions)

6. **Refrigerant Evaporation (Fugitive Emissions)**

Activity: Long Beach Naval Shipyard
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POV's - 3817 vehicles X 0.5 miles traveled X 250 days/year = 477,125

EF: CO = 9.27 grams/mile
PM_{10} = 0.01 grams/mile
NOx = 0.985 grams/mile
VOC = 0.73 grams/mile

1.0lb = 453.592g

CO = 9.27 X 477,125 = 4,422,948.7 divided by 453.592 = 9750.94 divided by 2000 = 4.88 Tons/Yr.

PM_{10} = 0.01 X 477,125 = 4771.25 divided by 453.592 = 10.52 divided by 2000 = 0.005 Tons/Yr.

NOx = 0.985 X 477,125 = 469,968.12 divided by 453.592 = 1036.10 divided by 2000 = 0.52 Tons/Yr.

VOC = 0.73 X 477,125 = 348301.25 divided by 453.592 = 767.87 divided by 2000 = 0.38 Tons/Yr.

Other Mobile Sources

Light Duty Autos	# of vehicles		Miles Traveled		Days/Yr		Total Miles
Unleaded	**322**	**X**	**5.0**	**X**	**250**	**=**	**402,500**
Diesel	**0**	**X**	**5.0**	**X**	**250**	**=**	**0**
Light Duty Trucks							
Unleaded	**176**	**X**	**5.0**	**X**	**250**	**=**	**220,000**
Diesel	**84**	**X**	**5.0**	**X**	**250**	**=**	**105,000**
Medium Duty Trucks							
Unleaded	**115**	**X**	**5.0**	**X**	**250**	**=**	**143,750**
Diesel	**73**	**X**	**5.0**	**X**	**250**	**=**	**91,250**
Heavy Duty Trucks							
Unleaded	**46**	**X**	**5.0**	**X**	**250**	**=**	**57,500**
Diesel	**87**	**X**	**5.0**	**X**	**250**	**=**	**108,750**

Activity: Long Beach Naval Shipyard
UIC: N60258

EF @ 15 mph: (grams/mile) for Light Duty Autos

CO -	Unleaded 9.27	Diesel 1.90	(Average)
NOx-	Unleaded 0.985	Diesel 1.48	(Average)
VOC-	Unleaded 0.735	Diesel 0.52	(Average)
PM_{10} -	Unleaded 0.01	Diesel 0.40	(Average)

EF @ 15 mph: (grams/mile) for Light Duty Trucks

CO -	Unleaded 13.485	Diesel 1.95	(Average)
NOx-	Unleaded 1.30	Diesel 1.45	(Average)
VOC	Unleaded 1.17	Diesel 0.53	(Average)
PM_{10}	Unleaded 0.01	Diesel 0.04	(Average)

EF @ 15 mph: (grams/mile) for Medium Duty Trucks

CO -	Unleaded 9.615	Diesel 2.13	(Average)
NOx-	Unleaded 1.925	Diesel 3.57	(Average)
VOC-	Unleaded 1.39	Diesel 2.49	(Average)
PM_{10}	Unleaded 0.01	Diesel 0.04	(Average)

EF @ 15 mph: (grams/mile) for Heavy Duty Trucks

CO -	Unleaded 22.62	Diesel 19.30	(Average)
NOx-	Unleaded 4.41	Diesel 18.92	(Average)
VOC-	Unleaded 2.095	Diesel 5.19	(Average)
PM_{10}	Unleaded 0.008	Diesel 3.51	(Average)

CO

LD Auto

9.27 X 402,500 = 3731175 divided by 453.592 = 8225.8395 divided by 2000 = 4.11 Tons/Yr

1.90 X 0 = 0

LD Truck

13.485 X 220,000 = 2966700 divided by 453.492 = 6541.3678 divided by 2000 = 3.27 Tons/Yr

1.95 X 105,000 = 204750 divided by 453.592 = 451.39685 divided by 2000 = 0.23 Tons/Yr

MD Truck

9.615 X 143,750 = 1382156.2 divided by 453.592 = 3047.1353 divided by 2000 = 1.52 Tons/Yr

2.13 X 91,250 = 194362.5 divided by 453.592 = 428.49631 divided by 2000 = 0.21 Tons/Yr

HD Truck

22.62 X 57,500 = 1300650 divided by 453.592 = 2867.4447 divided by 2000 = 1.43 Tons/Yr

19.30 X 108,750 = 2098875 divided by 453.592 = 4627.231 divided by 2000 = 2.31 Tons/Yr

Total CO = 13.08 Tons/Yr.

Activity: Long Beach Naval Shipyard
UIC: N60258

NOx

LD Auto

0.985 X 402,500 = 396462.5 divided by 453.592 = 874.0509 divided by 2000 = .044 Tons/Yr

1.48 X 0 = 0

LD Truck

1.30 X 220,000 = 286,000 divided by 453.592 = 630.52258 divided by 2000 = 0.132 Tons/Yr

1.45 X 105,000 = 152,250 divided by 453.592 = 335.65406 divided by 2000 = 0.17 Tons/Yr

MD Truck

1.925 X 143,750 = 276718.75 divided by 453.592 = 610.06091 divided by 2000 = 0.31 Tons/Yr

3.57 X 91,250 = 325762.5 divided by 453.592 = 718.18396 divided by 2000 = 0.36 Tons/Yr

HD Truck

4.41 X 57,500 = 253,575 divided by 453.592 = 559.03763 divided by 2000 = 0.28 Tons/Yr

18.92 X 108,750 = 2,057,550 divided by 453.592 = 4536.1249 divided by 2000 = 2.27 Tons/Yr

Total NOx = 4.15 Tons/Yr.

Activity: Long Beach Naval Shipyard
UIC: N60258

VOC

LD Auto

0.735 X 402,500 = 295,837.5 divided by 453.592 = 652.211 divided by 2000 = 0.33 Tons/Yr

0.52 X 0 = 0

LD Truck

1.17 X 220,000 = 257,400 divided by 453.592 = 567.470 divided by 2000 = 0.28 Tons/Yr

0.53 X 105,100 = 55,650 divided by 453.592 = 122.687 divided by 2000 = 0.06 Tons/Yr

MD Truck

1.39 X 143,750 = 199,812.5 divided by 453.592 = 440.512 divided by 2000 = 0.22 Tons/Yr

2.49 X 91,250 = 227,212.5 divided by 453.592 = 500.918 divided by 2000 = 0.25 Tons/Yr

HD Truck

2.095 X 57,500 = 120,462.5 divided by 453.592 = 265.575 divided by 2000 = 0.13 Tons/Yr

5.19 X 108,750 = 564,412.5 divided by 453.592 = 1,244.318 divided by 2000 = 0.62 Tons/Yr

Total VOC = 1.89 Tons/Yr.

Activity: Long Beach Naval Shipyard
UIC: N60258

PM 10

LD Auto

0.01 X 402,500 = 4,025 divided by 453.592 = 8.874 divided by 2000 = 0.004 Tons/Yr

0.04 X 0 = 0

LD Truck

0.01 X 220,000 = 2,200 divided by 453.592 = 4.850 divided by 2000 = 0.002 Tons/Yr

0.04 X 105,000 = 4,200 divided by 453.592 = 9.259 divided by 2000 = 0.005 Tons/Yr

MD Truck

0.01 X 143,750 = 1,437.5 divided by 453.592 = 3.169 divided by 2000 = 0.002 Tons/Yr

0.04 X 91,250 = 3,650 divided by 453.592 = 8.047 divided by 2000 = 0.004 Tons/Yr

HD Truck

0.008 X 57,500 = 4,600 divided by 453.592 = 10.141 divided 2000 = 0.001 Tons/Yr

3.51 X 108,750 = 381,712.5 divided by 453.592 = 841.533 divided by 2000 = 0.421 Tons/Yr

Total PM_{10} = 0.439 Tons/Yr.

Activity: Long Beach Naval Shipyard
UIC: N60258

5d. For your base, determine the total FY1993 level of emissions (tons/yr) for CO, NOx, VOC, PM_{10} 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	4.1	2.90	0	6.19	13.19
NOx	19.6*	0.276	0	1.47	21.35
VOC	56.3	0.219	0	0.71	57.23
PM_{10}	4.1	0.004	0	0.12	4.22

Note: *NOx includes portal cranes and floating cranes.

Source Document: SCAQMD Annual Air Emission Report, 1993 (CY)

5d. Emission Sources

1. **Fuel Combustion**
   - **Gasoline**
   - **Diesel #2**
   - **Natural Gas**
   - **Propane**

2. **Paints**
   - **Paint, Lacquer and Varnish**
   - **Solvent Based Epoxies**
   - **Thinners**
   - **Adhesives**

3. **Solvent Degreasing**

4. **Plastics Operations**
   - **Resins**
   - **Hardeners**

5. **Transportation**
   - **Filling Fuel Tanks (Fugitive Emissions)**

6. **Refrigerant Evaporation (Fugitive Emissions)**

Activity: Long Beach Naval Shipyard
UIC: N60258

POV's

Number of Vehicles	Miles Traveled on Base	Days/Yr	Total Miles	
2688	X 0.5		X 250	= 336,000

EF @ 15 mph

CO = 7.82 grams/mile
NOx = 0.745 grams/mile
VOC = 0.59 grams/mile
PM_{10} = 0.01 grams/mile

1.0lb = 453.592g

CO
7.82 X 336,000 = 2627520 divided by 453.592 = 5792.695 divided by 2000 = 2.90 Tons/Yr

NOx
0.745 X 336,000 = 250320 divided by 453.592 = 551.862 divided by 2000 = 0.276 Tons/Yr

VOC
0.59 X 336,000 = 198240 divided by 453.592 = 437.045 divided by 2000 = 0.219 Tons/Yr

PM_{10}
0.01 X 336,000 = 3360 divided by 453.592 = 7.408 divided by 2000 = 0.004 Tons/Yr

Activity: Long Beach Naval Shipyard
UIC: N60258

Other Mobile Sources

Light Duty Autos	# of Vehicles		Miles Traveled		Days/Year		Total Miles
Unleaded	254	X	3.5	X	250	=	222,250
Diesel	0	X	N/A	X	N/A	=	0
Light Duty Trucks							
Unleaded	240	X	3.5	X	250	=	210,000
Diesel	50	X	3.5	X	250	=	43,750
Medium Duty Trucks							
Unleaded	16	X	3.5	X	250	=	14,000
Diesel	32	X	3.5	X	250	=	28,000
Heavy Duty Trucks							
Unleaded	40	X	3.5	X	250	=	35,000
Diesel	38	X	3.5	X	250	=	33,250

EF @ 15 mph (grams/mile) (Average)

Light Duty Autos
CO = Unleaded 7.825 Diesel 2.13 (Average)
NOx = Unleaded 0.825 Diesel 1.53 (Average)
VOC = Unleaded 0.59 Diesel 0.56 (Average)
PM_{10} = Unleaded 0.01 Diesel 0.42 (Average)

Light Duty Trucks
CO = Unleaded 10.36 Diesel 2.15 (Average)
NOx = Unleaded 1.08 Diesel 1.45 (Average)
VOC = Unleaded .855 Diesel .55 (Average)
PM_{10} = Unleaded .01 Diesel .01 (Average)

Medium Duty Trucks
CO = Unleaded 8,06 Diesel 2.14 (Average)
NOx = Unleaded 1.84 Diesel 4.63 (Average)
VOC = Unleaded 1.20 Diesel 1.83 (Average)
PM_{10} = Unleaded .01 Diesel .42 (Average)

Heavy Duty Trucks
CO = Unleaded 23.02 Diesel 18.86 (Average)
NOx = Unleaded 4.565 Diesel 16.24 (Average)
VOC = Unleaded 2.29 Diesel 4.6 (Average)
PM_{10} = Unleaded .08 Diesel 2.77 (Average)

Activity: Long Beach Naval Shipyard
UIC: N60258

CO

Light Duty Auto

7.825 X 222,250 = 1,739,106.25 divided by 453.592 = 3834.076 divided by 2000 = 1.92 Tons/Yr

2.13 X 0 = 0

Light Duty Truck

10.36 X 210,000 = 2,175,600 divided by 453.592 = 4796.38888 divided by 2000 = 2.40 Tons/Yr

2.15 X 43,750 = 94,062.5 divided by 453.592 = 207.3724845 divided by 2000 = 0.10 Tons/Yr

Medium Duty Truck

8.06 X 14,000 = 112840 divided by 453.592 = 248.7698195 divided by 2000 = 0.12 Tons/Yr

2.14 X 28,000 = 59,920.0 divided by 453.592 = 132.1010952 divided by 2000 = 0.07 Tons/Yr

Heavy Duty Truck

23.02 X 35,000 = 805,700 divided by 453.592 = 1776.265895 divided by 2000 = 0.89 Tons/Yr

18.86 X 33,250 = 627,095 divided by 453.592 = 1382.508950 divided by 2000 = 0.69 Tons/Yr

Total CO = 6.19 Tons/Yr.

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NOx

Light Duty Auto

0.825 X 222,250 = 183,356.25 divided by 453.592 = 404.2316663 divided by 2000 = 0.20 Tons/Yr

1.53 X 0 = 0

Light Duty Truck

1.08 X 210,000 = 226,800 divided by 453.592 = 500.0088185 divided by 2000 = 0.25 Tons/Yr

1.45 X 43,750 = 63,437.50 divided by 453.592 = 139.8558616 divided by 2000 = 0.07 Tons/Yr

Medium Duty Truck

1.84 X 14,000 = 25,760 divided by 453.592 = 56.79112506 divided by 2000 = 0.03 Tons/Yr

4.63 X 28,000 = 129,640.0 divided by 453.592 = 285.8075098 divided by 2000 = 0.14 Tons/Yr

Heavy Duty Truck

4.565 X 35,000 = 159,775 divided by 453.592 = 352.2438667 divided by 2000 = 0.18 Tons/Yr

16.24 X 33,250 = 539,980 divided by 453.592 = 1,190.453094 divided by 2000 = 0.60 Tons/Yr

Total NOx = 1.47 Tons/Yr.

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VOC

Light Duty Auto

0.59 X 222,250 = 131,127.50 divided by 453.592 = 289.0868886 divided by 2000 = 0.14 Tons/Yr

0.56 X 0 = 0

Light Duty Truck

0.855 X 210,000 = 179,550 divided by 453.592 = 395.840346 divided by 2000 = 0.20 Tons/Yr

0.55 X 43,750 = 24,062.5 divided by 453.592 = 53.04877511 divided by 2000 = 0.03 Tons/Yr

Medium Duty Truck

1.20 X 14,000 = 16,800 divided by 453.592 = 37.03769025 divided by 2000 = 0.02 Tons/Yr

1.83 X 28,000 = 51,240 divided by 453.592 = 112.9649552 divided by 2000 = 0.06 Tons/Yr

Heavy Duty Truck

2.29 X 35,000 = 80,150 divided by 453.592 = 176.7006472 divided by 2000 = 0.09 Tons/Yr

4.60 X 33,250 = 152,950 divided by 453.592 = 337.1973050 divided by 2000 = 0.17 Tons/Yr

Total VOC = 0.71 Tons/Yr.

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PM_{10}

Light Duty Auto

0.01 X 222,250 = 2,222.5 divided by 453.592 = 4.899777773 divided by 2000 = 0.002 Tons/Yr

0.42 X 0 = 0

Light Duty Truck

0.01 X 210,000 = 2,100.0 divided by 453.592 = 4.630 divided by 2000 = 0.002 Tons/Yr

0.01 X 43,750 = 437.50 divided by 453.592 = 0.965 divided by 2000 = 0.001 Tons/Yr

Medium Duty Truck

0.01 X 14,000 = 140.0 divided by 453.592 = 0.309 divided by 2000 = 0.0 Tons/Yr

0.42 X 28,000 = 11,760.0 divided by 453.592 = 25.926 divided by 2000 = 0.013 Tons/Yr

Heavy Duty Truck

0.08 X 35,000 = 2,800.0 divided by 453.592 = 6.173 divided by 2000 = 0.003 Tons/Yr

2.77 X 33,250 = 92,102.50 divided by 453.592 = 203.051 divided by 2000 = 0.102 Tons/Yr

Total PM_{10} = 0.123 Tons/Yr.

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.

Long Beach Naval Shipyard will experience decreases in all types of air emissions due to the low volume of work projected for the upcoming years. In addition, we are reducing our emissions by using new processes, as well as substituting materials. Estimation of reduction amount is difficult to determine as this is project specific; however, a nominal reduction of no less than 20% over 1993 emissions is anticipated due to overall workload reduction.

5f. Are there any critical air quality regions (i.e. non-attainment areas, national parks, etc.) within 100 miles of the base?

Yes, Long Beach Naval Complex is located in a severe non-attainment zone for the California South Coast Air Quality Management District (SCAQMD). However, Long Beach Naval Complex has attained full compliance for each regulated pollutant.

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.

Yes, Long Beach Naval Shipyard operations and procurement considerations are directly affected by the strict air quality regulations of the SCAQMD. Currently, we operate under the "command and control" system which dictates specific operating conditions (e.g., daily/yearly hours of operation) for each piece of regulated equipment as well as amounts of material usage and material component percentages.

Effective 01 July 1994, LBNSY will be regulated under a facility permit which was initially established to limit oxides of nitrogen (NOx) emissions under a "cap" concept; however, it will incorporate all air permits (currently 300+ air permits) to simplify permit recordkeeping for the SCAQMD and affected facilities. This is a pilot program adopted by the SCAQMD to reduce NOx emissions over a period of time by allowing individual facilities the latitude to determine their own means to achieve the set emissions standards. SCAQMD has been working closely with EPA to incorporate this concept with the proposed Title V program to assist affected businesses with meeting local, state and federal requirements. Any violation of the facility permit can be enforced separately at all three levels.

The above referenced concept is administered under a market incentives program, Regional Clean Air Incentives Market (RECLAIM). The "incentives" of this program allow facilities to buy and sell air emission credits as needed to achieve their production requirements. However, federal facilities are hindered from participating in this market due to the current procurement system in place mandated by legislation. Issue further addressed under section 5h.

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, new sources and modification of existing sources are all considered through the air quality New Source Review (NSR) process. Currently, under the command and control system, new sources/modifications are figured at the offset ratio of 1.2 to 1.0. After 01 July 1994, NOx emissions will be determined on the offset ratio of 1.0 to 1.0.

LBNSY has the potential to obtain ERCs. In order to acquire ERCs, a facility may apply for credits if permanently removing/modifying equipment or a process in its production procedures which discharges or reduces air pollutants. An NSR Balance is retained for each pollutant emitted from a facility. If a facility does not have enough credits to support acquisition of new equipment or a modification it can apply to the SCAQMD for credits from the Community Bank. This allocation of credits is made on a case-by-case basis at the discretion of SCAQMD.

Prior to procurement of new equipment or modification of existing equipment, all requests must be reviewed and approved by SCAQMD to operate in this air basin. Because of the strict standards employed in the District, control technology (ie. catalytic oxidizers, HEPA filters, scrubbers, etc.) is required on the vast majority of equipment for operational purposes. The equipment available through the DoD procurement system does not necessarily adhere to these stricter standards.

Also, due to the length of the DoD procurement cycle, what may have been Best Available Control Technology (BACT) or Maximum Achievable Control Technology (MACT) at the initial procurement stage may not be the current standard when the item is received at the facility; therefore, further control modifications may be required to meet these standards. The Federal Implementation Plan (FIP) working group for DoD is reviewing this issue and collaborating with CNO, DON, and EPA to determine alternatives.

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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 6.c. For the last two columns provide the combined total for those two FY's.

Program	Survey Com-pleted?	Costs in $K to correct deficiencies					
		FY94	FY95	FY96	FY97	FY98-99	FY00-01
Air	Y	348 (1)	400 (2)	400 (2)	0	0	0
Hazardous Waste	Y	175 (3)	600 (3) 150 (4)	150 (4)	0	0	0
Safe Drinking Water Act	Y	0	380 (5)	0	0	0	0
PCBs	Y	250 (6)	0	0	0	0	0
Other (non-PCB) Toxic Substance Control Act *	N	0	50 (17)	0	0	0	0
Lead Based Paint *	N	0	50 (16)	0	0	0	0
Radon **	Y	0	0	0	0	0	0
Clean Water Act	Y	228 (7)	0	100 (18)	0	100 (18)	100 (18)
Solid Waste ***	N	0	50 (19) 50 (8)	0	0	0	0
Oil Pollution Act	Y	280 (9)	25 (10)	0	0	0	0
USTs	Y	80 (11) 85 (14) 1050 (15)	55 (11) 375(13) 2000 (15)	15 (11) 150(13) 250 (15)	1815 (12)	0	0
Other (Natural Resources) **	Y	0	0	0	0	0	0
Total		2496	4185	1065	1815	100	100

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

See next page for footnote explanations.

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* No known deficiencies; pending survey results
** No deficiencies exist
*** Some deficiencies exist, more may be identified by survey

(1) Health Risk Assessment $30K ESD - 6/92 ECD - 7/94
Bldg 4 Boiler Closure $25K ESD - 7/94 ECD - 7/94
Bldg 302 Boiler Repair $218K ESD - 2/93 ECD - 8/94
Bldg 202 Spray Booth Conversion Design $75K ESD pending Feasibility Study Results - ECD 7/94

(2) Bldg 202 Spray Booth Conversion - Proposed FY 95/96 - 400K FY 95, 400K FY 96.

(3) Part B permit revision $250K ESD - 11/93 ECD - 5/95 - 50K FY 94, 200K FY 95
Bldg 118 Closure $325K ESD - 3/91 ECD - 8/94 [Final clean-up pending DTSC approval due 9/95] - 125 FY 94, 200 FY 95
Source Reduction Plan $200K ESD - 7/94 ECD - 7/95

(4) Shipboard Tank Vacuum System - Capital Procurement Program $300K - FY 95/FY 96

(5) Safe Drinking Water Act - FY 95 $380K (Install/Repair fresh water backplow prevention) ESD - 1/95 ECD - 9/95

(6) PCBs - FY 94 $250K (Replace (2) Transformers) ESD - 6/94 ECD - 6/95

(7) Oily Water/Waste Oil (Bilge Water) System ESD - 10/93 ECD - 6/94
Clean Water Act - FY 94 $228K

(8) Recycling Equipment - Capital Procurement Program $50K - FY 95

(9) Oil and Hazardous Substance Spill Prevention Contingency Plan-Oil Pollution Act 90-$200K and Business Emergency Plan $80K ESD - 7/94 ECD - 11/94

(10) Spill Prevention Countermeasures and Control Plan Update- $25K ESD - 7/94 ECD - 11/94

(11) Remove and Replace USTs to comply with 1998 requirements - $150K.

(12) Remove and Replace USTs at Shipyard Fuel Dispensing Station - $615K. Clean-up historic overfill contamination - $1200K - Pollution Control Report dated 6 Nov 92.

(13) Remedial Action Bldg 4 Tank Site - Pollution Control Report dated 15 Jun 93 - $525K.

(14) UST removal; DERA funded: $85K. Complete SEP '94.

(15) UST removal/assessment for tanks on NAVSTA property to be transferred to LBNSY as a result of BRAC 91. Start date Jan '94; ECD Sep 96. BRAC compliance funded.

(16) Lead paint survey (facilities) $50K ESD 1/95 ECD 6/95.

(17) Toxics Survey $50K ESD 2/95 ECD 5/95.

(18) Clean out and video storm drain lines $100K ESD June ECD Aug and every other year - total $300K.

(19) Solid Waste Survey $50K ESD 3/95 ECD 7/95.

6b. Does your base (LBNSY) have structures containing asbestos? Yes What % of your base has been surveyed for asbestos? 85% Are additional surveys planned? Yes What is the estimated cost to remediate asbestos ($K) 22,000 Are asbestos survey costs based on encapsulation, removal or a combination of both? Removal.

Note: For NAVSTA facilities to be transferred to LBNSY on 1 OCT 94 as a result of BRAC 91 the following data applies:

Does your base (NAVSTA) have structures containing asbestos? Yes. What % of your base has been surveyed for asbestos? 75% Are additional surveys planned? Yes. What is the estimated cost to asbestos ($K) ? 5,300. Are asbestos survey costs based on encapsulation, removal or a combination of both? Removal.

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

Funding Source	FY92	FY93	FY94	FY95	FY96	FY97	FY98-99	FY00-01
O&MN BOS	50	60	100	306	273	300	632	677
HA	0	0	0	0	0	0	0	0
PA	0	0	0	0	0	0	0	0
Other DERA NAVFAC	75	75	75	75	75	75	150	150
Other DBOF	8293	9801	3822	4430	4491	4433	9269	9833
TOTAL	8418	9936	3997	4811	4839	4808	10051	10660

Note: FY 95 and outyears include additional program costs for functions transferred from NAVSTA to LBNSY as a result of BRAC 91.

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

Yes. Since the Shipyard has changed to the 4/10 workweek, some Drydock painting operations have been curtailed due to the daily limits on the quantity of paint allowed to be used by the air permit. LBNSY is seeking to have the permits modified for the workweek test window (01 May 94 - 30 Apr 95)

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

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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.

LBNSY Main Base

Site # or name Note: 3	Type site[1]	Groundwater Contaminated ? Note 1	Extends off base?	Drinking Water Source?	Cost to Complete ($M)/Est. Compl. Date Note 2	Status[2]/Comments
#7	CA	N/A	No	No	$12.0/2005	RI/FS
#8	CA	Potential	No	No	$1.0/1999	RI/FS
#9	CA	Yes	No	No	$2.0/1999	RI/FS
#10	CA	Yes	No	No	$2.0/1999	RI/FS
#11	CA	Potential	No	No	$2.5/1999	RI/FS
#12	CA	Potential	No	No	$1.5/1999	RI/FS
#13	CA	No	No	No	$.5/1999	RI/FS

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

[2] Status = PA, SI, RI, RD, RA, long term monitoring, etc.

Note: 1 **Based on findings of the Preliminary Site Inspection (SI), groundwater cleanup is estimated at $15M.**

Note: 2 **Costs to complete are a "best case scenario" and are based on preliminary findings, since the vertical and horizontal extent of contamination has not been determined. A previous estimate provided by Naval Facilities Engineering Command, SOUTHWESTDIV, puts the projected cost at $200M. The costs to complete given here do not include the $15M for groundwater cleanup, nor do they reflect the cost of environmental cleanup [environmental reconstitution] of industrial facilities which are not CERCLA/CA sites.**

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Note:3 **IR sites 1 thru 6 are located on NAVSTA property not being transferred to NAVSEA claimancy as a result of BRAC 91.**

LBNSY Off Base Housing

Site # or name Note:1	Type site[1]	Groundwater Contaminated ?	Extends off base?	Drinking Water Source?	Cost to Complete ($M)/Est. Compl. Date	Status[2]/Comments
Palos Verdes and San Pedro Housing	CERCLA	Potential	Unknown	Unknown	66.99/1997	PA/SI

[1]Type site: CERCLA, RCRA corrective action (CA), UST or other (explain)
[2]Status = PA,SI,RI,RD,RA, long term monitoring, etc.

Note 1: Located on NAVSTA property to be transferred to LBNSY on 1 OCT 94 as a result of BRAC 91.

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, See Note

State scope and expected length of pump and treat operation.

Note: The extent of groundwater contamination is unknown at this time. The type of groundwater treatment system will be addressed in the RI/FS.

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. Anticipate execution of MCON P-224 "Hazardous Material Storage Facility", FY 97-99

7g. Does your base operate any "Conforming Storage" facilities for handling **hazardous waste**? If YES, describe facility, capacity, restrictions, and permit conditions.

Yes. LBNSY has a permitted Transfer, Storage and Disposal Facility (TSDF) which is located at Building 314. The TSDF consists of 8400 square feet and 10 storage bays including PCB and reactives bays. Maximum storage capacity is 664 55-gallon drum equivalents (36,520) gallons. The EPA permit restrictions are for hazardous waste "storage only" of wastes listed in the Part A/B permit which are "not to exceed one year storage." No treatment or disposal activities take place at the TSDF. Hazardous waste can also be received from 13 off-site government facilities as listed in the permit.

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. The operation and management of Naval Exchange Gas Station is transferring to LBNSY as a result of BRAC 91 closure of NAVSTA. However, ownership of property which contains the UST clean-up site is not transferring.

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.

1. Industrial Waste Treatment Plant - 30,000GPD Capacity - 20,000 GPD permitted capacity - Permit by rule for fixed treatment with FTU 01, FTU 02, FTU 03, and FTU 04.

2. LBNSY has a permitted Transfer, Storage and Disposal Facility (TSDF) which is located at Building 314. The TSDF consists of 8400 square feet and 10 storage bays including PCB and reactives bays. Maximum storage capacity is 664 55-gallon drum equivalents (36,520) gallons. The EPA permit restrictions are for hazardous waste "storage only" of wastes listed in the Part A/B permit which are "not to exceed one year storage." No treatment or disposal activities take place at the TSDF. Hazardous waste can also be received from 13 off-site government facilities as listed in the permit.

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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 (Land)	300	Long Beach
Main Base (Submerged)	170	Long Beach
Main Base (Leased)	23	Los Angeles
Off Base Housing	193	Los Alamitos, San Pedro

Note: Includes property to be transferred to LBNSY from NAVSTA Long Beach on 1 Oct 94 as a result of BRAC 91. NAVSTA property transferred to LBNSY includes:

(Land)	**82 Acres**
(Submerged)	**40 Acres**
(Leased)	**23 Acres**
Off Base Housing	**193 Acres**

Source: LBNSY P-164

Activity: Long Beach Naval Shipyard
UIC: N60258

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.)		493
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)		Wetlands: 0
		All Others: 0
Total Undeveloped land considered to be without development constraints, but which may have operational/man caused constraints TOTAL		170
Total Undeveloped land considered to be without development constraints		0
Total Off-base lands held for easements/lease for specific purposes		23
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	0
	HERF	0
	HERP	0
	HERO	0
	AICUZ	0
	Airfield Safety Criteria	0
	Other (Submerged Land)	170

Note: Includes property to be transferred to LBNSY from NAVSTA, Long Beach on 1 Oct 94 as a result of BRAC 91. NAVSTA property transferred to LBNSY includes: (Total Developed) 275 Acres, (Total Undeveloped) 40 Acres and (Total lease) 23 Acres.

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. 0

8d. What is the date of your last AICUZ update? N/A / / Are any waivers of airfield safety criteria in effect on your base? **No.** Summarize the conditions of the waivers below.

Activity: Long Beach Naval Shipyard
UIC: N60258

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 i t is compatible/incompatible with AICUZ guidelines on land use.

Acreage/Location/ID	Zones 2 or 3	Land Use	Compatible/ Incompatible
N/A			

8f. List the navigational channels and berthing areas controlled by your base which require maintenance dredging? Include the frequency, volume, current project depth, and costs of the maintenance requirement.

Navigational Channels/ Berthing Areas	Location / Description	Maintenance Dredging Requirement			
		Frequency	Volume (MCY)	Current Project Depth (FT)	Cost ($M)
None					

8g. Summarize planned projects through FY 1997 requiring **new channel or berthing area** dredged depths, include location, volume and depth.

None

8h.

Are there available **designated dredge disposal areas** for maintenance dredging material? List location, remaining capacity, and future limitations.	N/A
Are there available **designated dredge disposal areas** for new dredge material? List location, remaining capacity, and future limitations.	N/A
Are the dredged materials considered contaminated? List known contaminants.	N/A

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

None.

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

None

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 See Note

Note: The tripartite agreement does not constrain current operations and the Shipyard Commander may terminate the agreement at some later date if the primary mission of the shipyard makes it necessary to do so.

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 threatened, and the acres protected/preserved.

N/A

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?

None

9b. Are there any other environmental permits required for base operations, include any relating to industrial operations.

PERMIT	NUMBER	STATUS
Hazardous Materials Storage Permit	689FH00012382	Annual hazardous materials permit to operate expires 15 Dec 94 - City of Long Beach
Fire Permit	821FH00012382	Annual permit to operate underground storage tanks expires 15 Dec 94 - City of Long Beach
Industrial Wastewater Permit	W-426223	Annual Sewage Operations Permit expires 30 Mar 1995 - City of Los Angeles

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

There are various easement areas located in parcels of Long Beach Naval Shipyard totaling approximately 8 acres which are not contiguous and are reserved for oil production by the City of Long Beach, CA in Civil No. 63-1204.

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

1. Title 3 Hazardous Air Pollutant (future) - will increase requirements for new equipment to have best achievable emission controls. 1995 - 2000 EPA to promulgate Maximum Achievable Control Technology Standards (MACT)

2. Title 5 Facility Air Permit (future) - will require extensive reporting and increase the requirements for new equipment operations. Target Date - Nov 95

3. Federal Implementation Plan (FIP) for California (Proposed) - will affect mobile equipment operations. Implementation: 1997 (thru 2005).

10. Tenant and UIC

Tenants residing on main complex (shore commands)

COMMAND NAME	UIC
Resident Officer in Charge of Construction (ROICC)	N68711
Supervisor of Shipbuilding, Conversion & Repair (SUPSHIP) Long Beach	N65870
Defense Printing (DPS) Detachment Branch Office	N68347
Defense Finance & Accounting Service (DFAS)	S33181

After 1 October 1994

COMMAND NAME	UIC
Resident Officer In Charge of Construction (ROICC)	N68711
Supervisor of Shipbuilding, Conversion and Repair, (SUPSHIP) Long Beach	N65870
Defense Printing Service (DPS) Detachment Branch Office Long Beach	N68347
Defense Finance & Accounting Service (DFAS)	S33181
Shore Intermediate Maintenance Activity Detachment (SIMA DET) Long Beach	N68828
Personnel Support Activity Detachment (PSD) Long Beach	N43142
Navy Legal Services Office Detachment (NLSO DET) Long Beach	N68772
Naval Medical Clinic Long Beach	N32539
Branch Dental Clinic Long Beach	N62947
Naval Computer and Telecommunications Command	N35272
Naval Criminal Investigative Service (NCIS DET) Long Beach	N32123

Activity: Long Beach Naval Shipyard
UIC: N60258

Fleet Industrial Support Center Detachment (FISC DET) Long Beach	**N68276**
Navy Exchange Long Beach	**N39226**
Defense Commissary	**N49200**
Navy & Marine Corps Reserve Center Long Beach	**N62102**
Naval Regional Contracting Center Detachment Long Beach	**N00123**
Army Veterinarian's Office	**A114FF09**
Fleet Integrated Logistics Office (FLT ILO) Long Beach	**N0062A**
Defense Distribution Depot (DDD) Long Beach	**SB3200**

Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC
NONE	N/A

After 1 October 1994

Tenant Command Name	UIC
ANTIETAM CG 54*	21387
PAUL F FOSTER DD 964*	20575
DAVID R RAY DD 971**	20591

*** Scheduled ROH - assigned to Shipyard homeport for duration of overhaul availability**
****Pending shift of homeport - ships are scheduled to transit to Everett WA in FY 95**

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

Tenant Command Name	UIC
NONE	N/A

Activity: Long Beach Naval Shipyard
UIC: N60258

Tenants (Other than those identified previously)

Tenant Command Name	UIC
BP Chemical (HITCO)	N/A
Long Beach Coastline Federal Credit Union	N/A

After 1 October 1994

Tenant Command Name	UIC
BP Chemical (HITCO)	N/A
Long Beach Coastline Federal Credit Union	N/A
Taco Bell	N/A
Auto Detailing	N/A
Small Vendors	N/A
Leisure Travel	N/A
DRMO	SZB169
DLA Fuel Pier	SJ0606
Koffee Ken's	N/A
Servmart	99962G
Quicktrans	45759
USA Credit Union	N/A
Navy Relief	N/A
Red Cross	N/A
US Post Office	N/A

Tenants (Other than those identified previously)(Drilling Reserves)

Tenant Command Name	UIC
NR NSYLB DET 119	86717

Activity: Long Beach Naval Shipyard
UIC: N60258

After 1 October 1994

Tenant Command Name	UIC
NR NSYLB DET 119	86717
COMNAVSURFGRU	82766
ATG SD 119	85652
LSO LB 119	87422
NAVSEA	89136
NRCC 419	87056
NSC SD 419	89055
NCTAMS	86821
PERSMOBTM 2419	86754
SIMA 119	87881
SIMA 219	87883
CINCPACFLT	86910
NCSO	89236
NHLB 219	88353
NH CAMPEN 919	88357
PRIMUS	82790
MEFREL	87626
3RD ANGLICO	88561
COWPENS (SAU)	83211
4TH FSSG DENCO	88564
FLTSUPTRA 2719	89144
MDSU1 DET 319	85609
NDC LBCH 119	89111
NR NSYLB DET 219	88629
NR NSYLB DET 311	88630
NR NSYLB DET 410	88630
MIUWU 105	81989

Activity: Long Beach Naval Shipyard
UIC: N60258

3RD ANGLICO I&I	M2V626
SIMA 319	87884
NHLB DET 119	88352

UIC N60258

Data Being Certified: BRAC 95 Data Call Number 33, Long Beach Naval Shipyard

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic

NAME (Please type or print)

W. H. Ryzewic

Signature

Executive Director for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate

Title

JUN 21 1994

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.

MAJOR CLAIMANT LEVEL

G. R. STERNER

NAME (Please type or print)

G. R. Sterner

Signature

Commander

Title

Naval Sea Systems Command

Activity

6/27/94

Date

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

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

R. R. SAREERAM

NAME (Please type or print)

Signature

ACTING

Title

01 JUL 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

B. JANOV	B. Janov
NAME (Please type or print)	Signature
Shipyard Commander	19 June 1994
Title	Date
Long Beach Naval Shipyard	
Activity	

114

UIC N60258

Data Being Certified: BRAC 95 Data Call Number 33, Long Beach Naval Shipyard, Revision.

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic

NAME (Please type or print) Signature

W. H. Ryzewic

Executive Director for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate

Title Date 10/5/94

Naval Sea Systems Command

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
Naval Sea Systems Command

Title Date 10/5/94

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)

NAME (Please type or print) Signature

Title Date 10/6/94

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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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

CAPT J. A. Pickering	
NAME (Please type or print)	Signature
Shipyard Commander	04 October 1994
Title	Date
Long Beach Naval Shipyard	
Activity	

DATA CALL #33
Revision:
Page 12R

114

UIC N60258

Data Being Certified: BRAC 95 Data Call Number 42, Long Beach Naval Shipyard, (62 Photographs).

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic

NAME (Please type or print)

W. H. Ryzewic

Signature

Executive Director for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate

Title

10/13/94

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.

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

G. R. STERNER

Signature

Commander

Naval Sea Systems Command

Title

10/25/94

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

11/2/94

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.

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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

CAPT B. Janov
NAME (Please type or print)

B Janov
Signature

Shipyard Commander
Title

23 June 1994
Date

Long Beach Naval Shipyard
Activity

Data Call #42

Tab "B" - Photographs

26 MAY 1994

[redacted]

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 93a
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
SPS-40 AIR SEARCH RADAR
TEST AND REPAIR STATION
Test Booth for SPS 40

[redacted]

6 MAY 1994

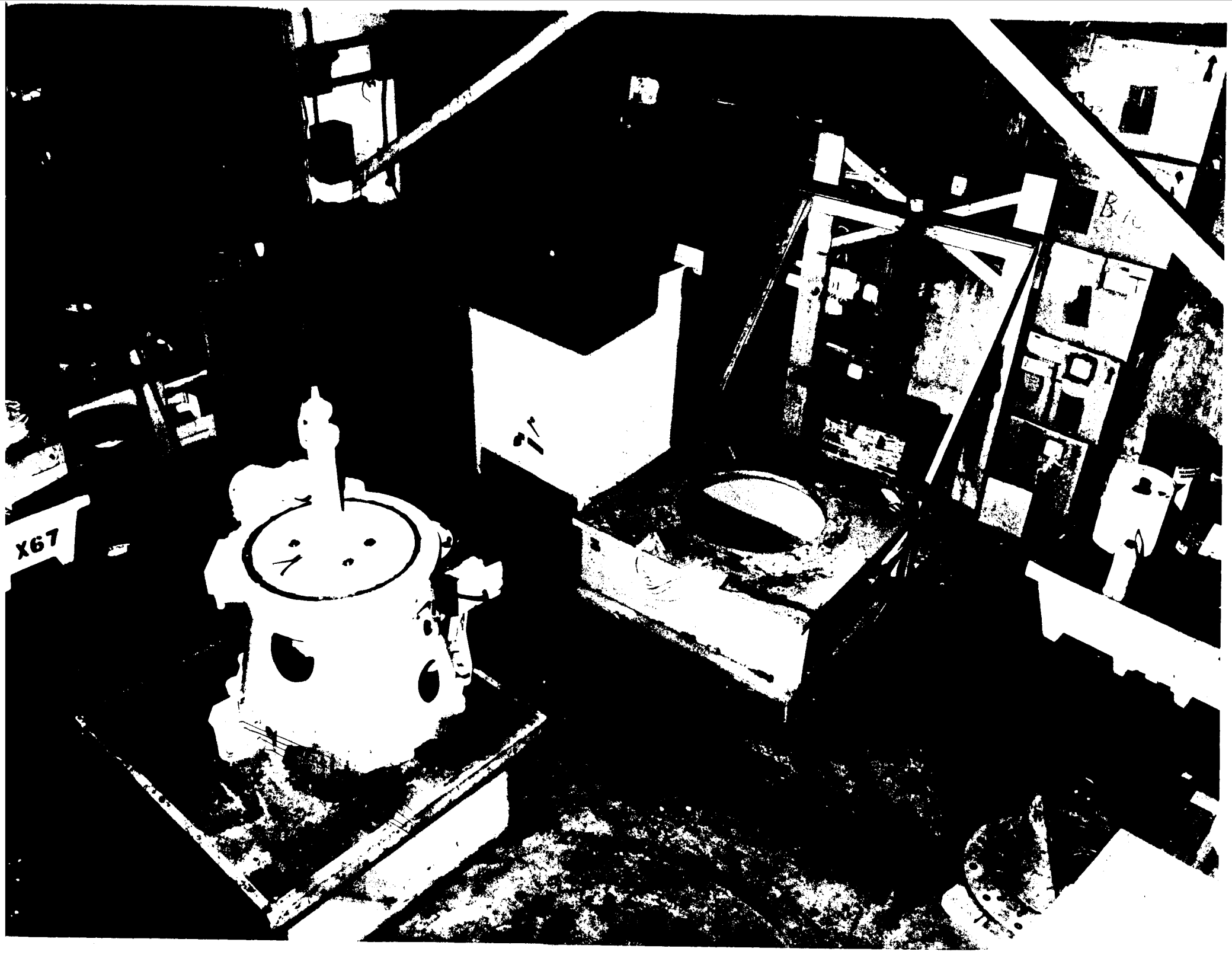
SPS-40

[redacted]

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 93 b
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
SPS-40 AIR SEARCH RADAR
TEST AND REPAIR STATION
Test stand for SPS-40

[redacted]


X67

26 MAY 1994

SPS 55 SEARCH RADAR TEST AND REPAIR STAND

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 95
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
SPS-55 AIR SEARCH RADAR
TEST AND REPAIR STAND

[redacted]

26 MAY 1994

RF AUTO TEST STATION
(NEUMOATS)

[redacted]

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 91
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
ELECTRONIC MODULAR AUTOMATED TEST SYSTEM
(MOATS)

[redacted]

[redacted]

[redacted]

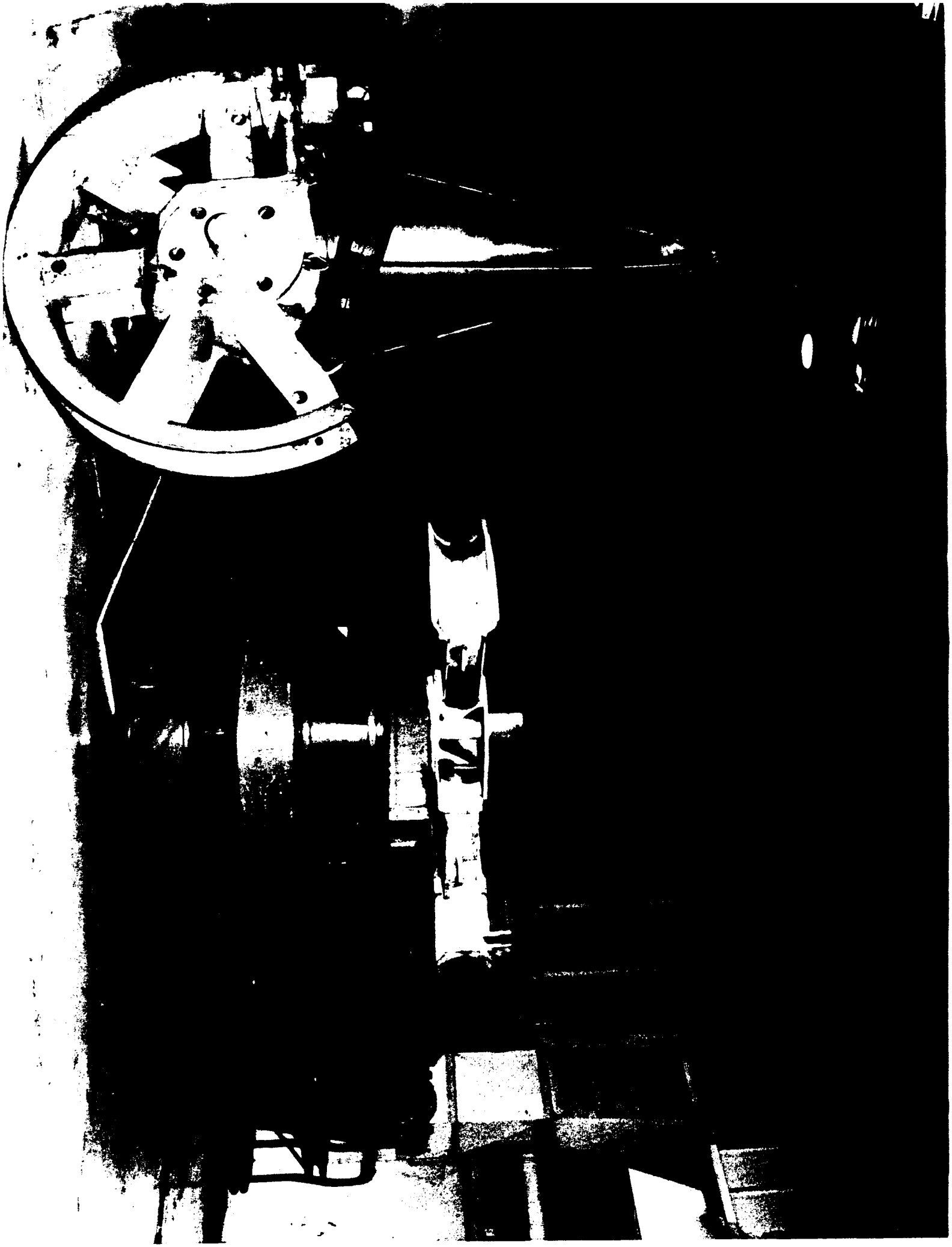
LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 89
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
#448 7"-10" PIPE PUSHER BENDER

[redacted]

[redacted]

PIPE PUSHER BENDER

26 MAY 1994



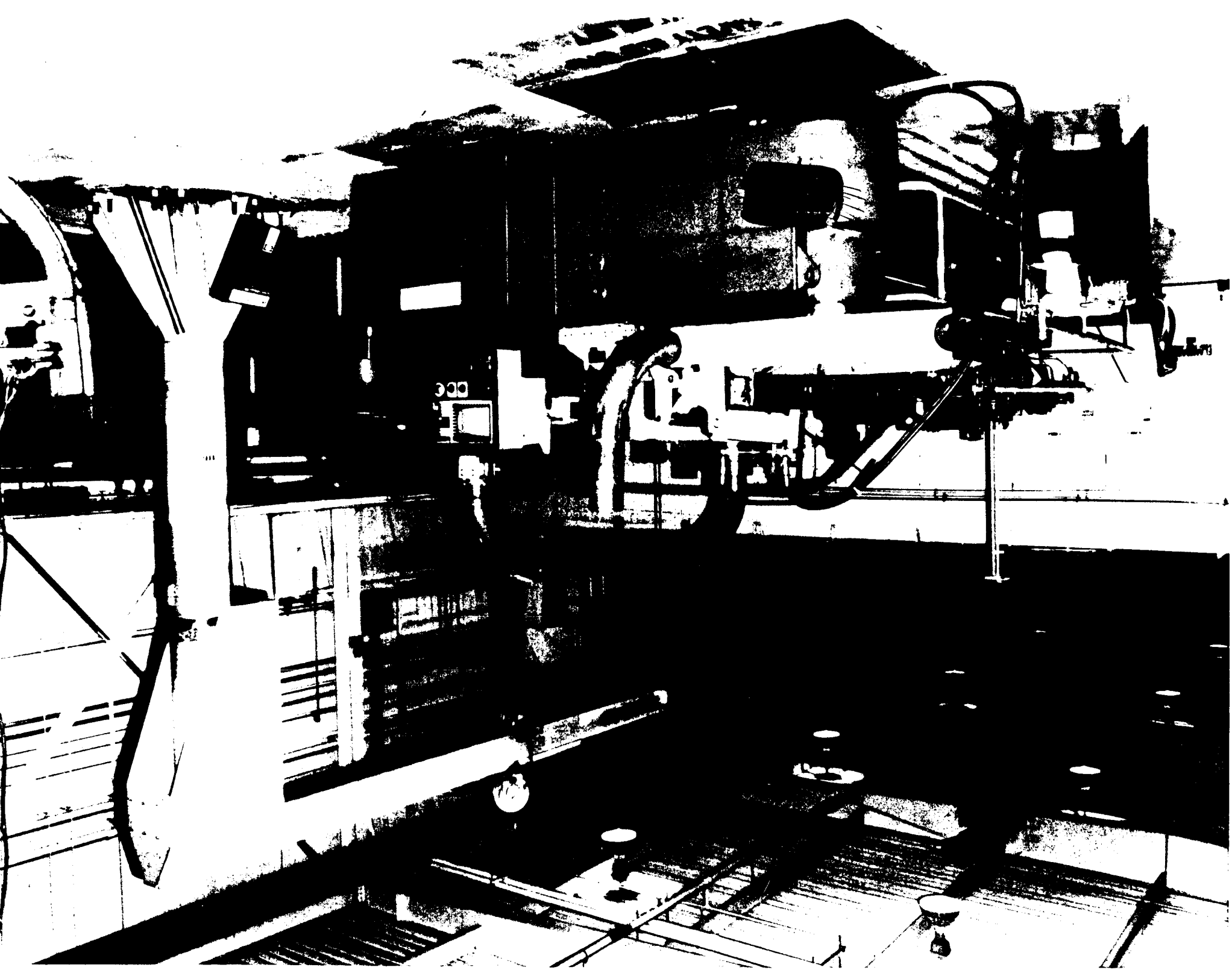
6" C.N.C. PIPE BENDER

26 MAY 1994

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 87
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
6 INCH CNC PIPE BENDER

[redacted]



26 MAY 1994

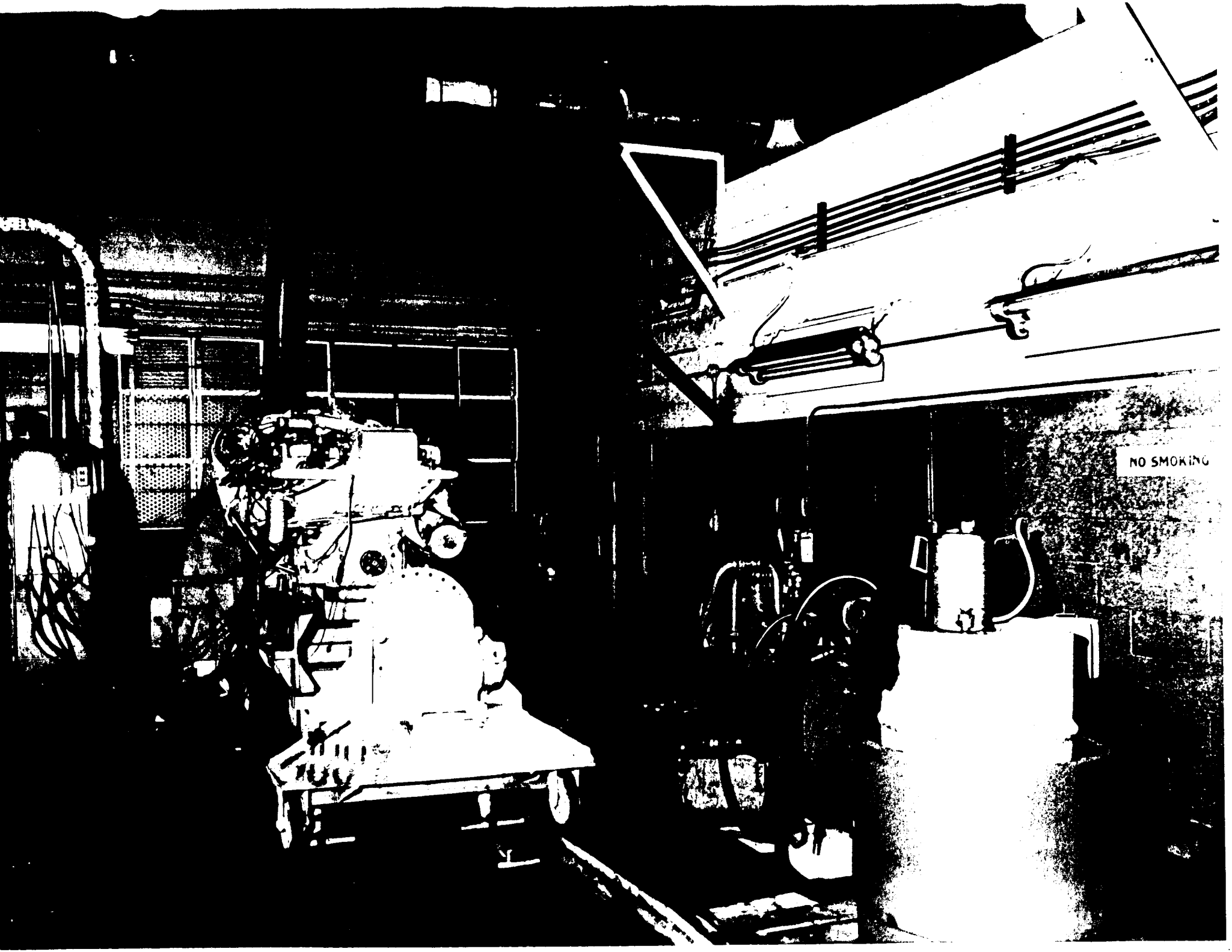
[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 85(b)
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
DIESEL ENGINE ANALYZER AND INCINERATOR

Diesel Engine Analyzer Test Stand

[redacted]

[redacted]


NO SMOKING

26 MAY 1994

AC&R TEST CONSOLE

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 81
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
REFRIGERATION COMPRESSOR TEST CENTER

[redacted]

26 MAY 1994

PUMP TEST ANALYZER AND
PUMP TEST FACILITY

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 77
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
PUMP TEST ANALYZER AND
PUMP TEST FACILITY

[redacted]

[redacted]

[redacted]

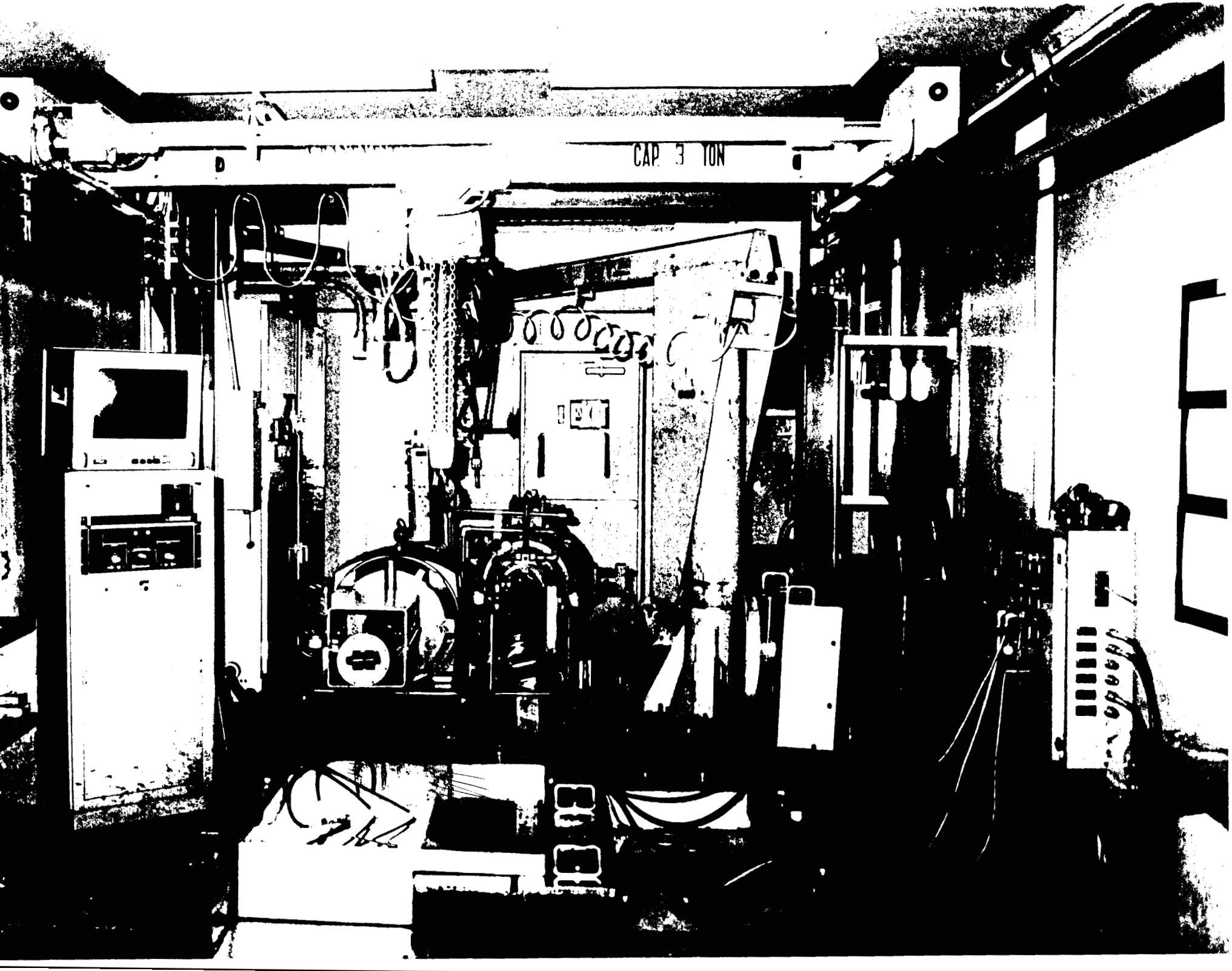
[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 83
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
HYDRAULIC TRANSMISSION TEST FACILITY

[redacted]

HYDRAULIC TRANSMISSION TEST FACILITY

26 MAY 1994


CAP. 3 TON

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 85(a)
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
DIESEL ENGINE ANALYZER AND INCINERATOR

Analyzer Control Booth

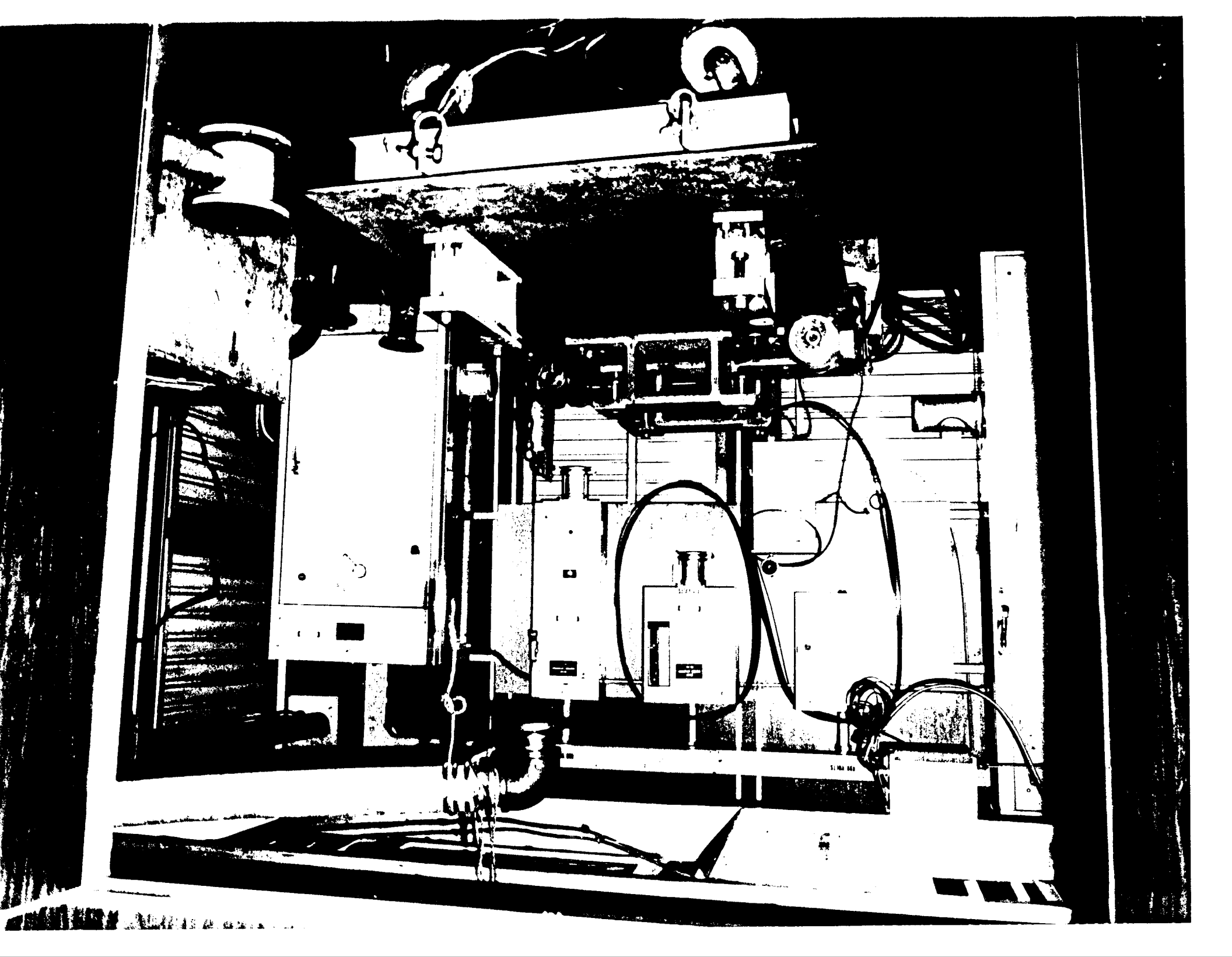
26 MAY 1994

AC&R TEST Cell

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 79
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
AIR COMPRESSOR TEST FACILITY

[redacted]



[redacted]

CNC PUNCH MACHINE

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 75
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
CNC PUNCH/PLASMA ARC
MACHINING CENTER

[redacted]

[redacted]

26 MAY 1994

Madison Surface Grinder

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 71
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
CNC PRECISION SURFACE GRINDER

[redacted]

[redacted]

[redacted]

MATTISON

[redacted]

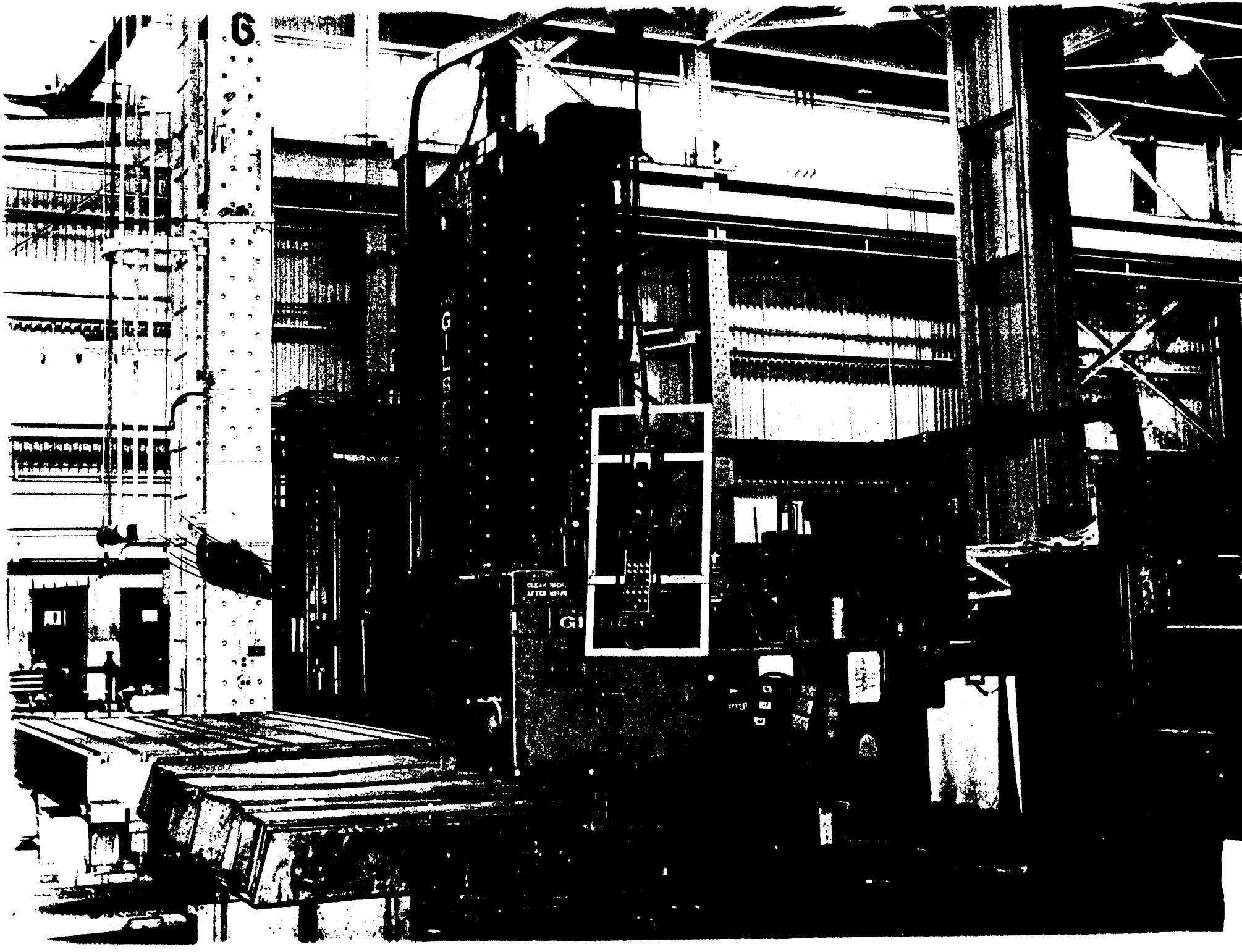
[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 73
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
CNC 4-AXIS
VERTICAL MACHINING CENTER

[redacted]

26 MAY 1994

N/C CONTROLLED
BORING, MILLING AND DRILLING MACHINE


G
G
L
B
CLEAN RACK
AFTER REPAIR
G

26 MAY 1994

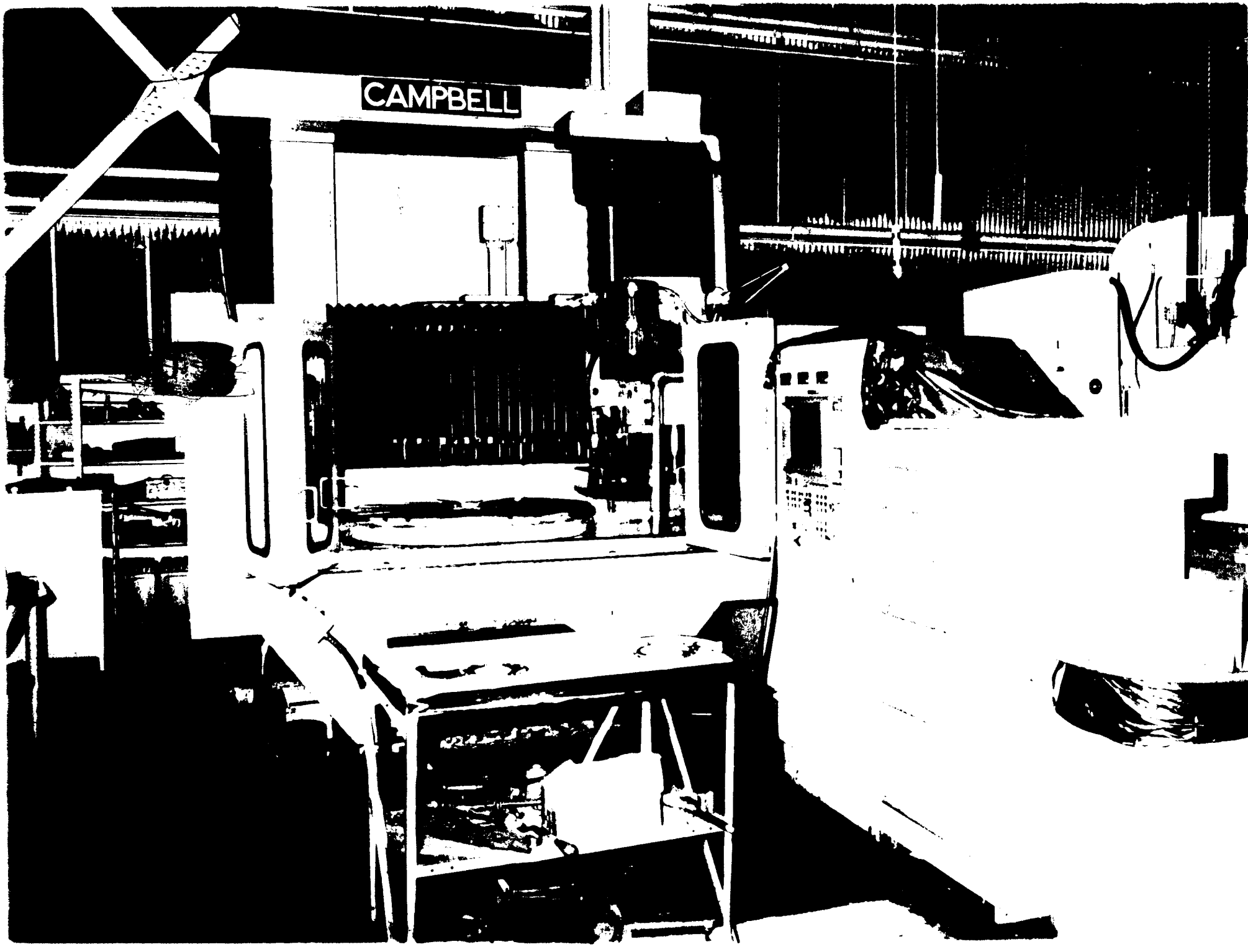
Vertical ID Grinder

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 69
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
CNC VERTICAL UNIVERSAL PRECISION GRINDER

[redacted]

[redacted]


CAMPBELL

26 MAY 1994

15 VFC N/C CNC NUMERIC

[redacted]

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 67
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
CNC 4-AXIS, VERTICAL TRAVELING COLUMN,
MACHINING CENTER

[redacted]

26 MAY 1994

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 65
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
CNC 4-AXIS, DUAL PALETTE
HORIZONTAL MACHINING CENTER

[redacted]

[redacted]

MACHINING CENTER HORIZONTAL

N/C TOYODA

26 MAY 1994

CAUTION

BORE AND TURNING MACHINE / CNC Vertical Turning Center

MAY 1994

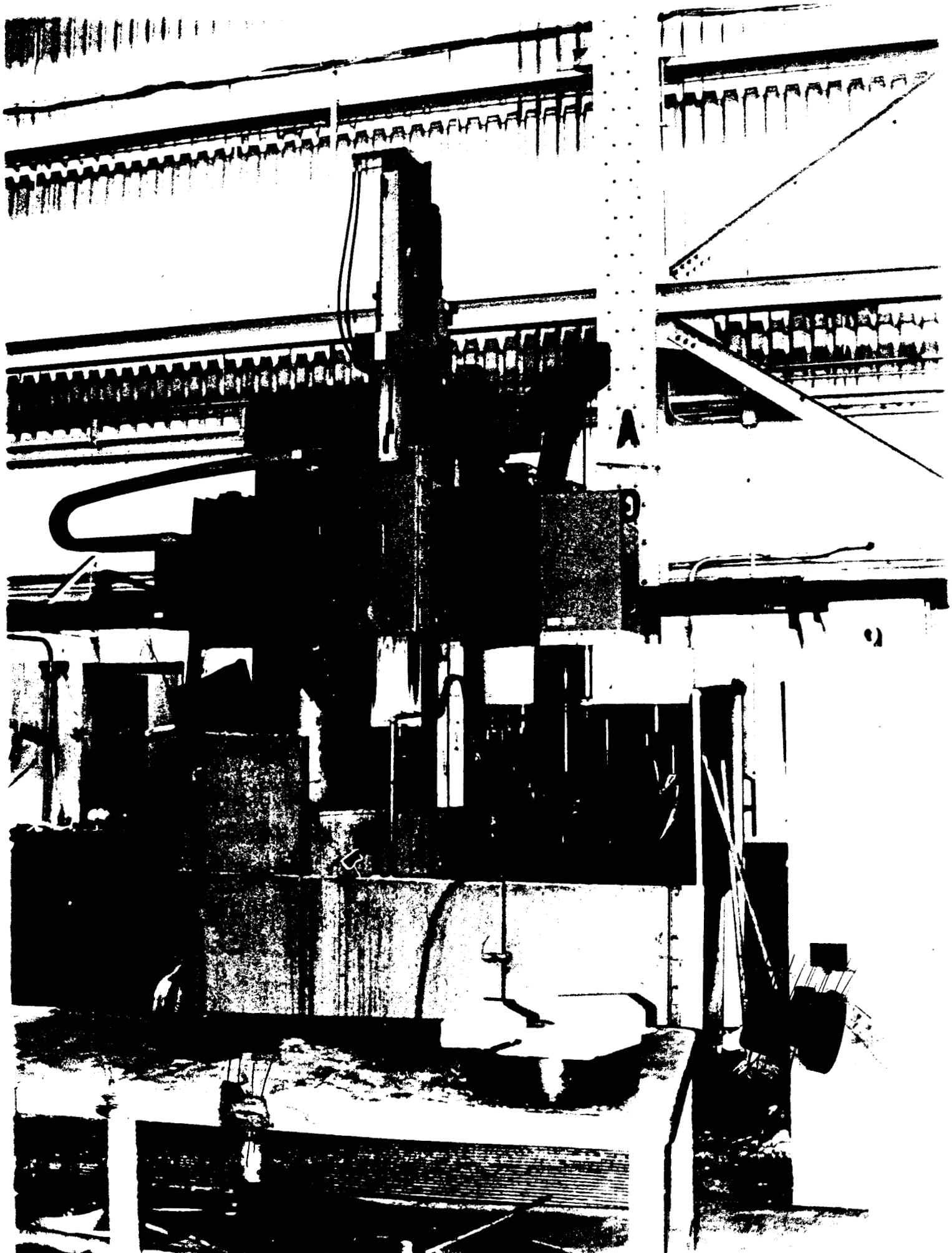
MAY 1994

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE #63
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
CNC VERTICAL TURNING CENTER

[redacted]

[redacted]

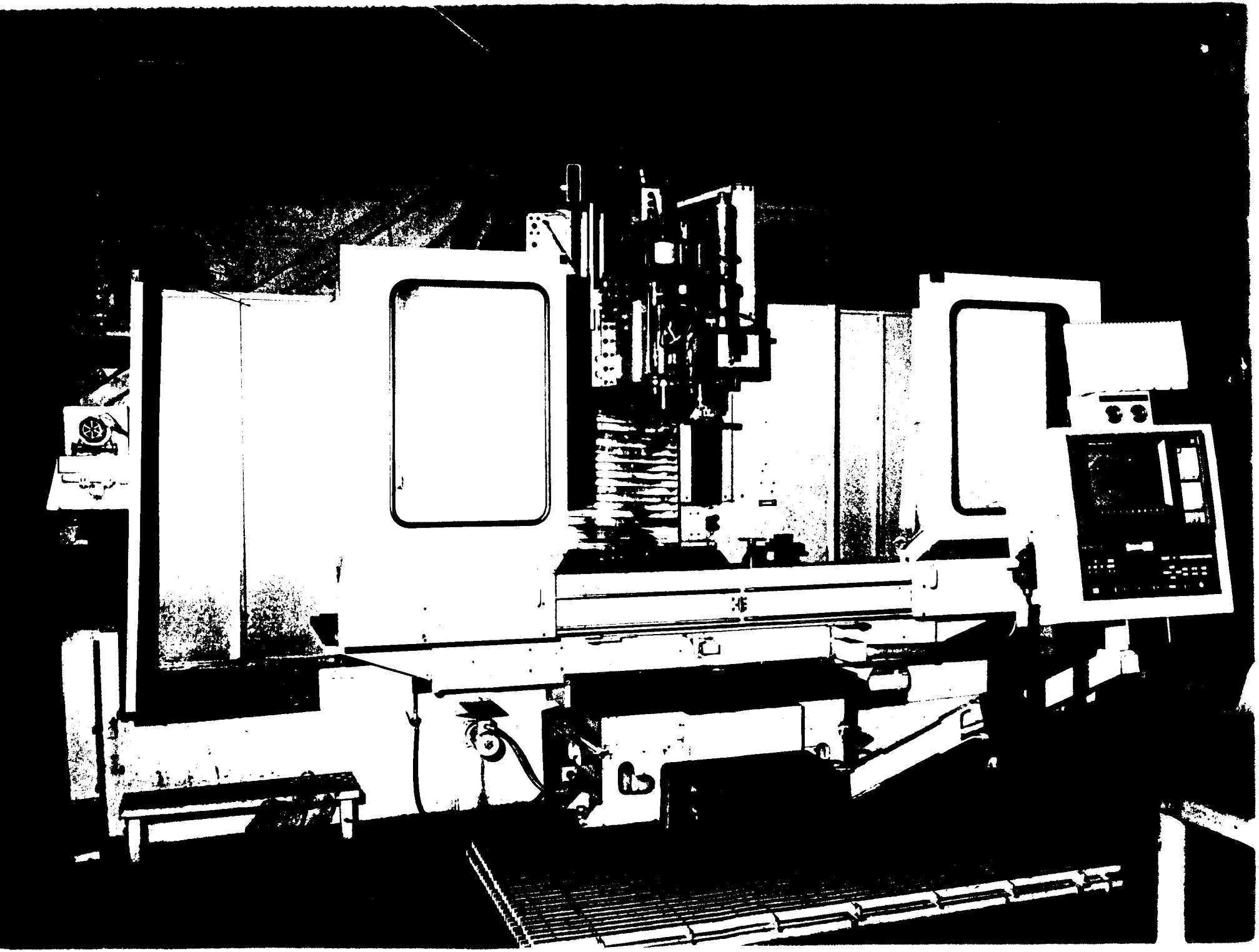


26 MAY 1994

VMC -150 B

NC – Vertical Machining Center

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 61
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
CNC 4-AXIS
VERTICAL MACHINING CENTER



26 MAY 1994

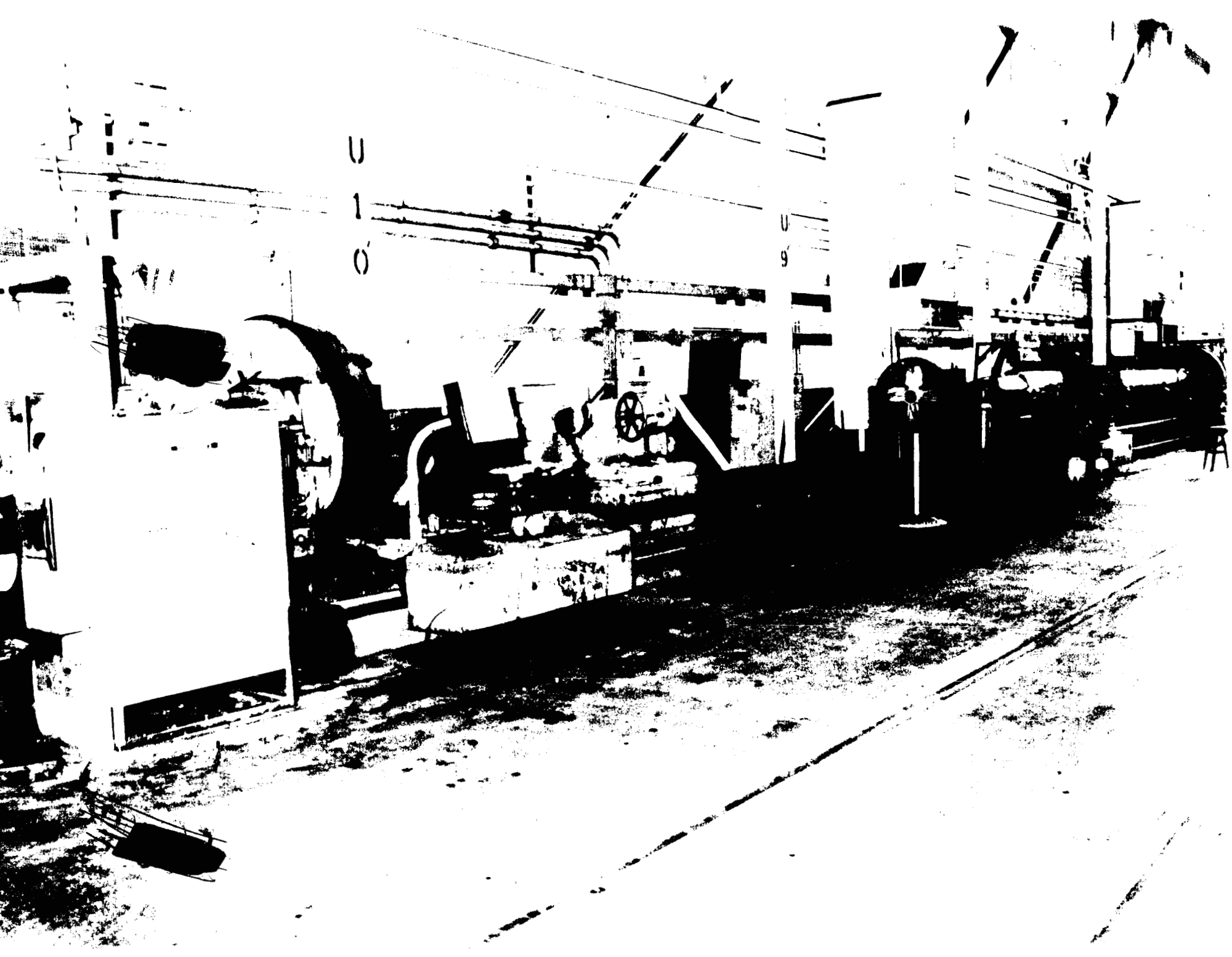
BETTS
DOUBLENDER
SHAFT LATHE

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 59
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
CNC SHAFT LATHE
SINGLE CARRIAGE

[redacted]

[redacted]


U
1
0
U
9

FARRELL

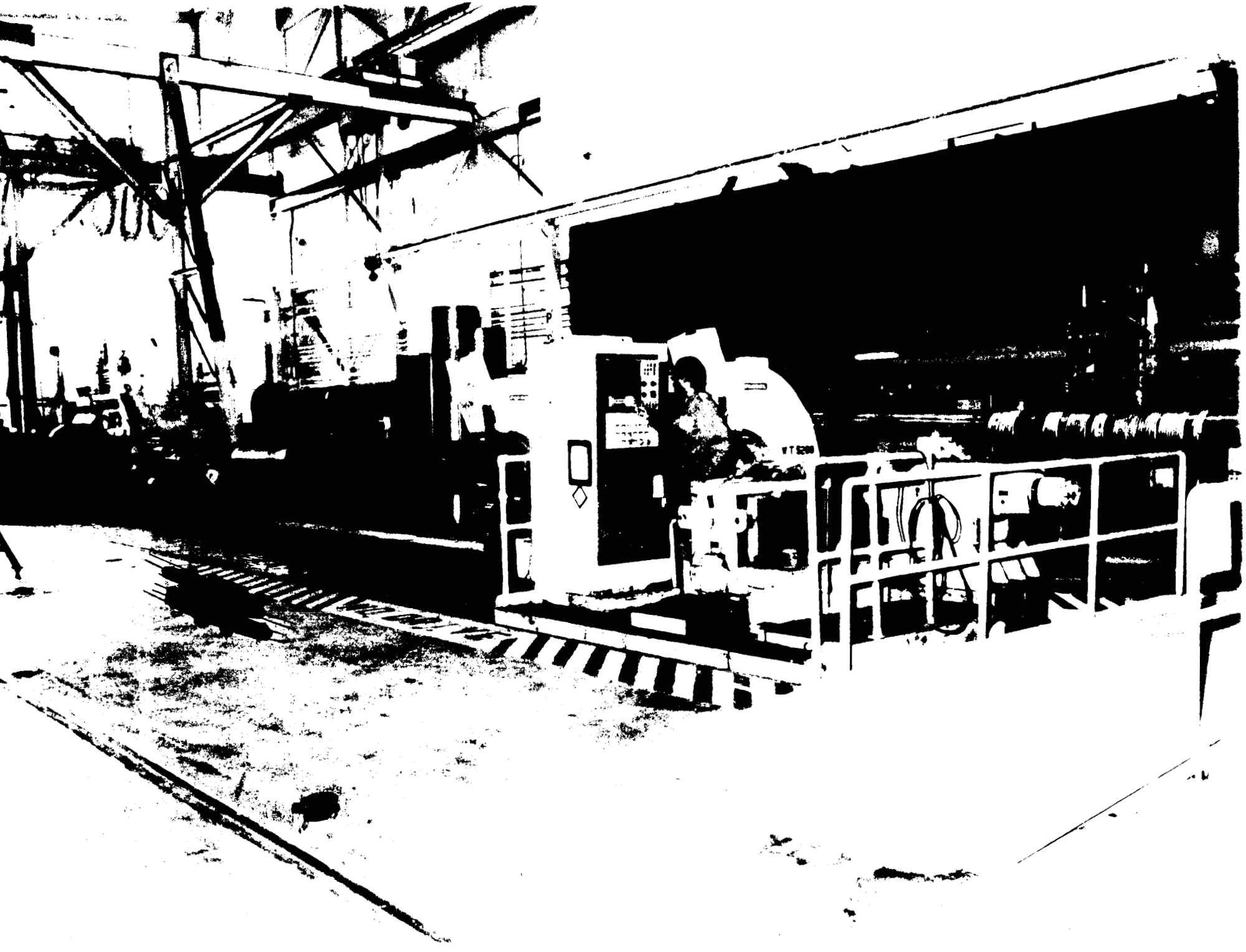
Shaft Lathe

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 57
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
CNC DUAL-HEAD STOCK
THREE CARRIAGE, SHAFT LATHE

[redacted]

[redacted]

[redacted]



26 MAY 1994

Shaft Welding Lathe

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 55
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
SHAFT WELDING LATHE

[redacted]

[redacted]

[redacted]

STRUCTURAL ASSEMBLY BAY

26 MAY 1994

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 53
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
STRUCTURAL ASSEMBLY BAY

[redacted]

[redacted]

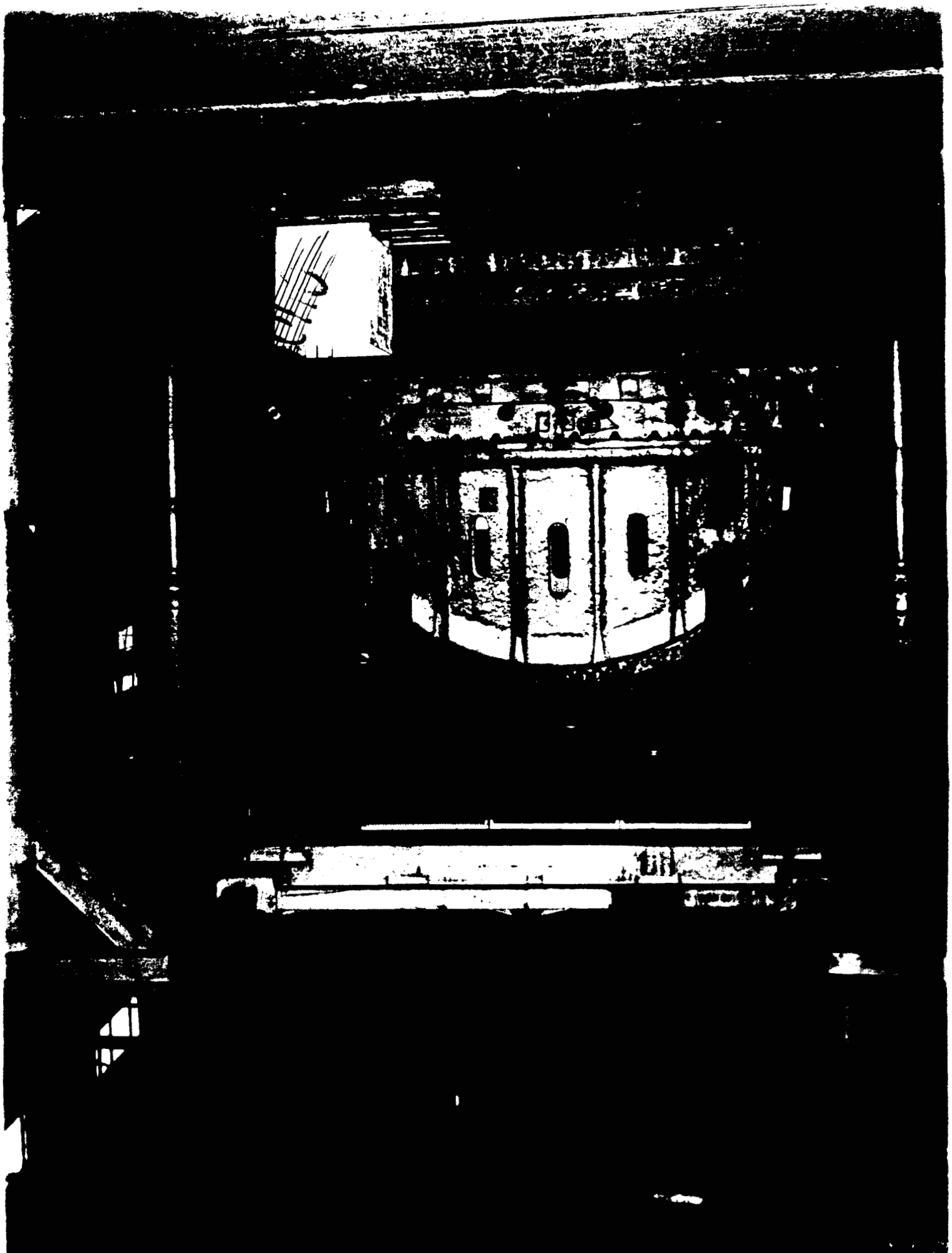
6 MAY 1994

[illegible]

005266

3000 TON PRESS

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 51
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
3000 TON HYDRAULIC VERTICAL PRESS



MAY 1994

[redacted]

CM 100 PLASMA ARC CUTTER

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 49
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
CM-100 CUTTING MACHINE

[redacted]

[redacted]

[redacted]

26 MAY 1994

HONEYWELL COMPUTER

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 47
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
HONEYWELL AUGMENTATION
NID - 616079

[redacted]

Honeywell Bull

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 45
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
MASS STORAGE UNIT
NID - 661210

[redacted]

26 MAY 1994

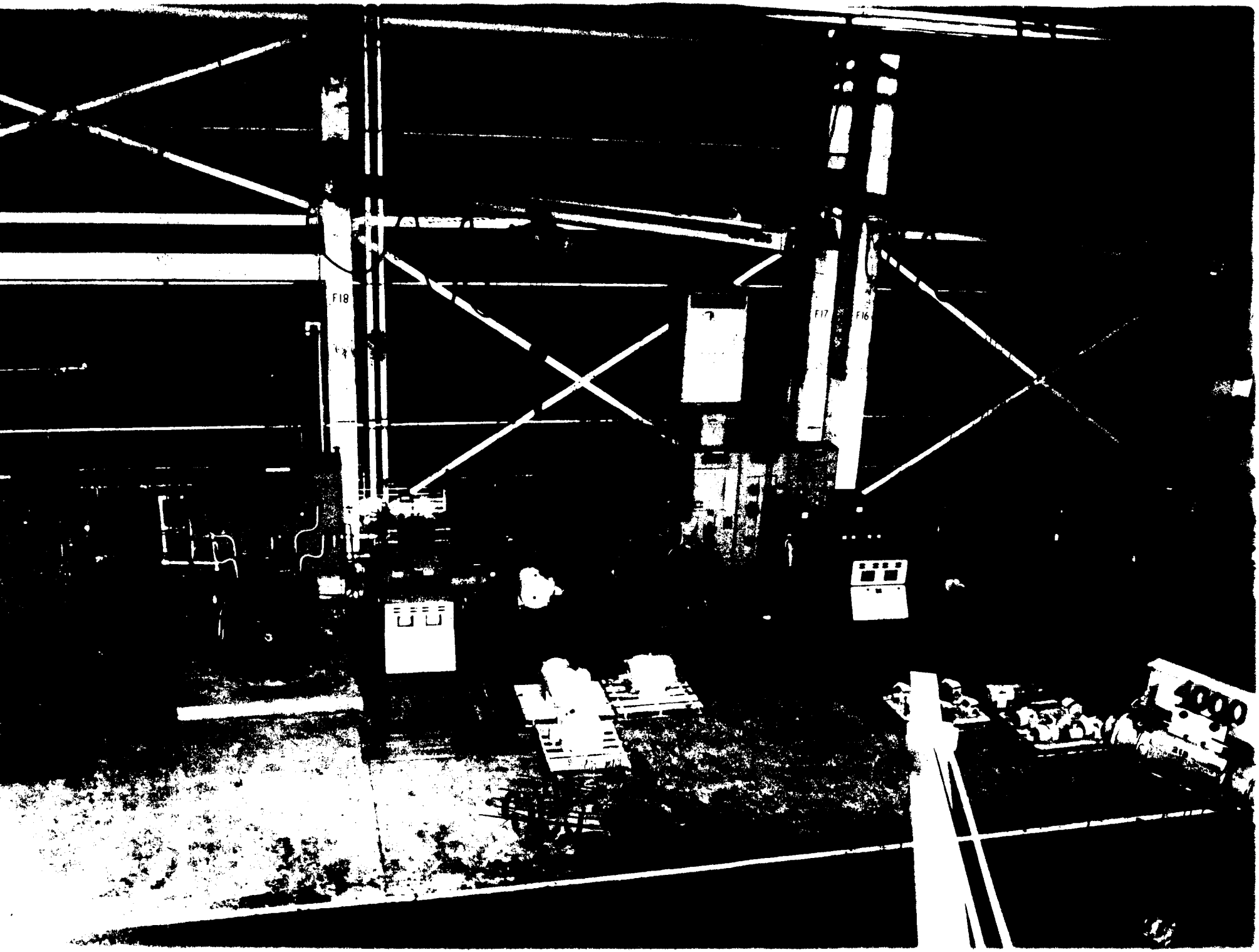
MOTOR TEST FACILITY

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 97
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
ELECTRIC MOTOR TEST FACILITY

[redacted]

[redacted]


F18
F17
F16

26 MAY 19[illegible]

Gyro

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 99
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
GYRO SYSTEM TEST FACILITY

[redacted]

[redacted]

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 101
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
ELECTRO PLATING FACILITY

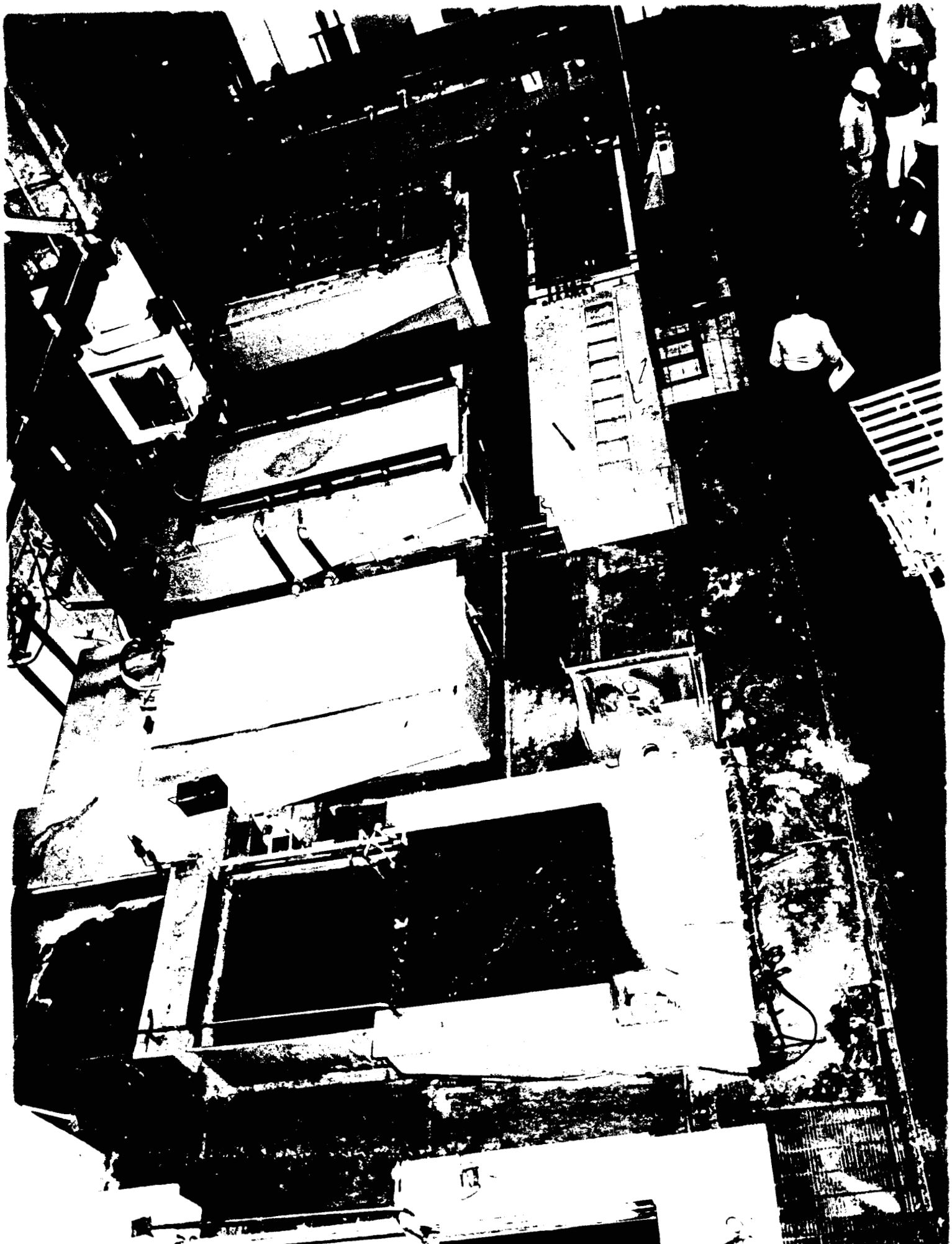
2

P1

[redacted]

[redacted]

26 MAY 1994



[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 103
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
GENERATOR TEST BARGE

[redacted]

GENERATOR TEST BARGE

26 MAY 1994

IPEC BLAST/VACUUM SYSTEM

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 105
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
BLAST AND RECOVERY SYSTEM

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258 [redacted]
DATE CALL #42, TAB B PAGE # 107
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
SHIPS HULL SIDE CLEANING
(ELECTRIC)

[redacted]

WHEELABRATOR

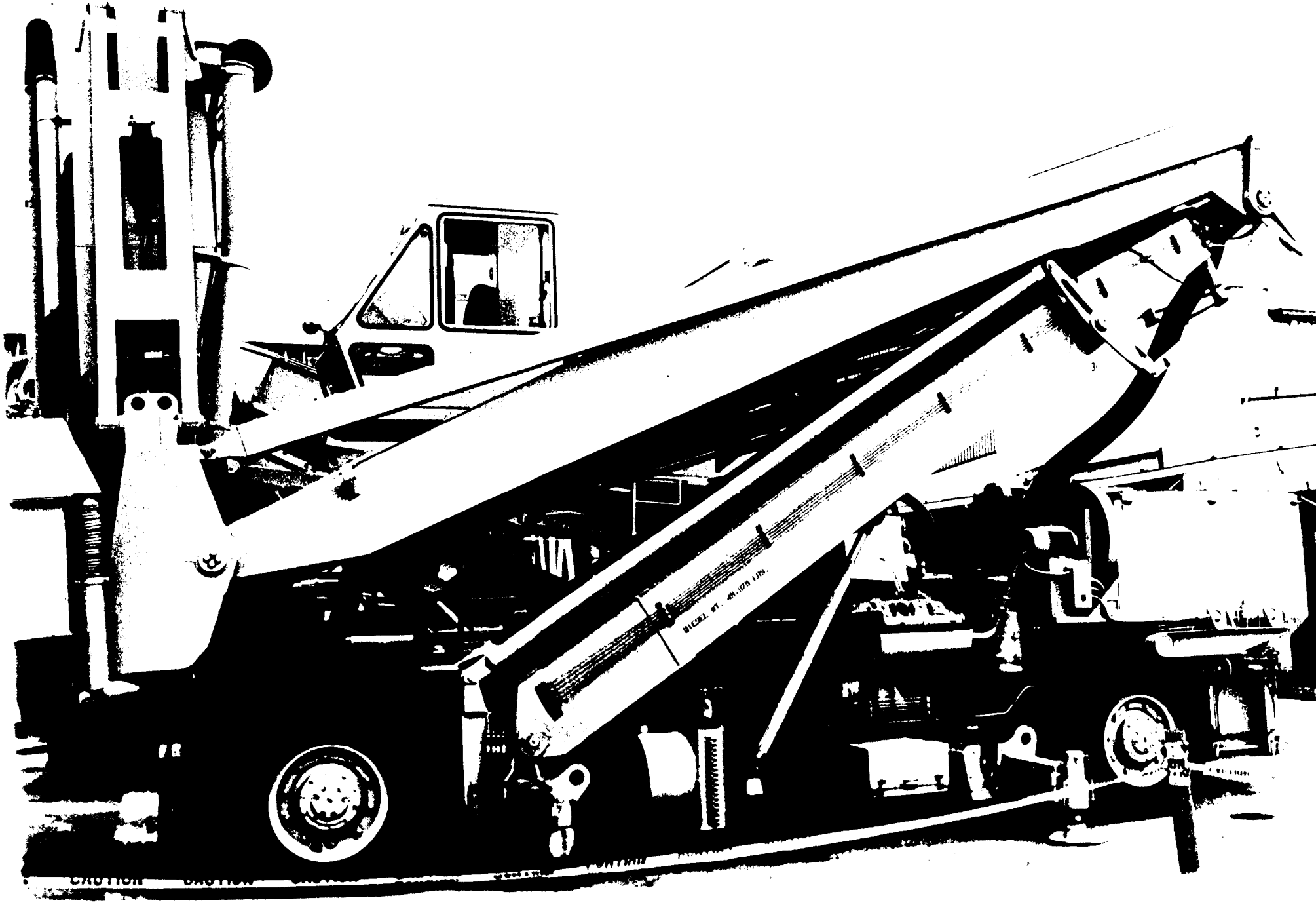
26 MAY 1994

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 109
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
SIDE BLASTER
DIESEL (2 EACH)

wh

[redacted]



26 MAY 1994

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 111
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
MULTI-MEDIA BLASTING, PAINTING
AND DRYING FACILITY

[redacted]

MULTI MEDIA BLASTING, PAINT, DRYING FACILITY

26 MAY 1994

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 113
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
CHEMICAL BARGE
SWOB - 14

[redacted]

SWOB 14

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 115
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
RECOMPRESSION CHAMBER
BU/SHIPS STOCK #S23-C-32950-200

[redacted]

26 MAY 1994

RECOMPRESSION CHAMBER

ELWELL PARKER PLATFORM LIFTS

06 MAY 2014

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 117
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
ELWELL PARKER PLATFORM LIFTS

[redacted]

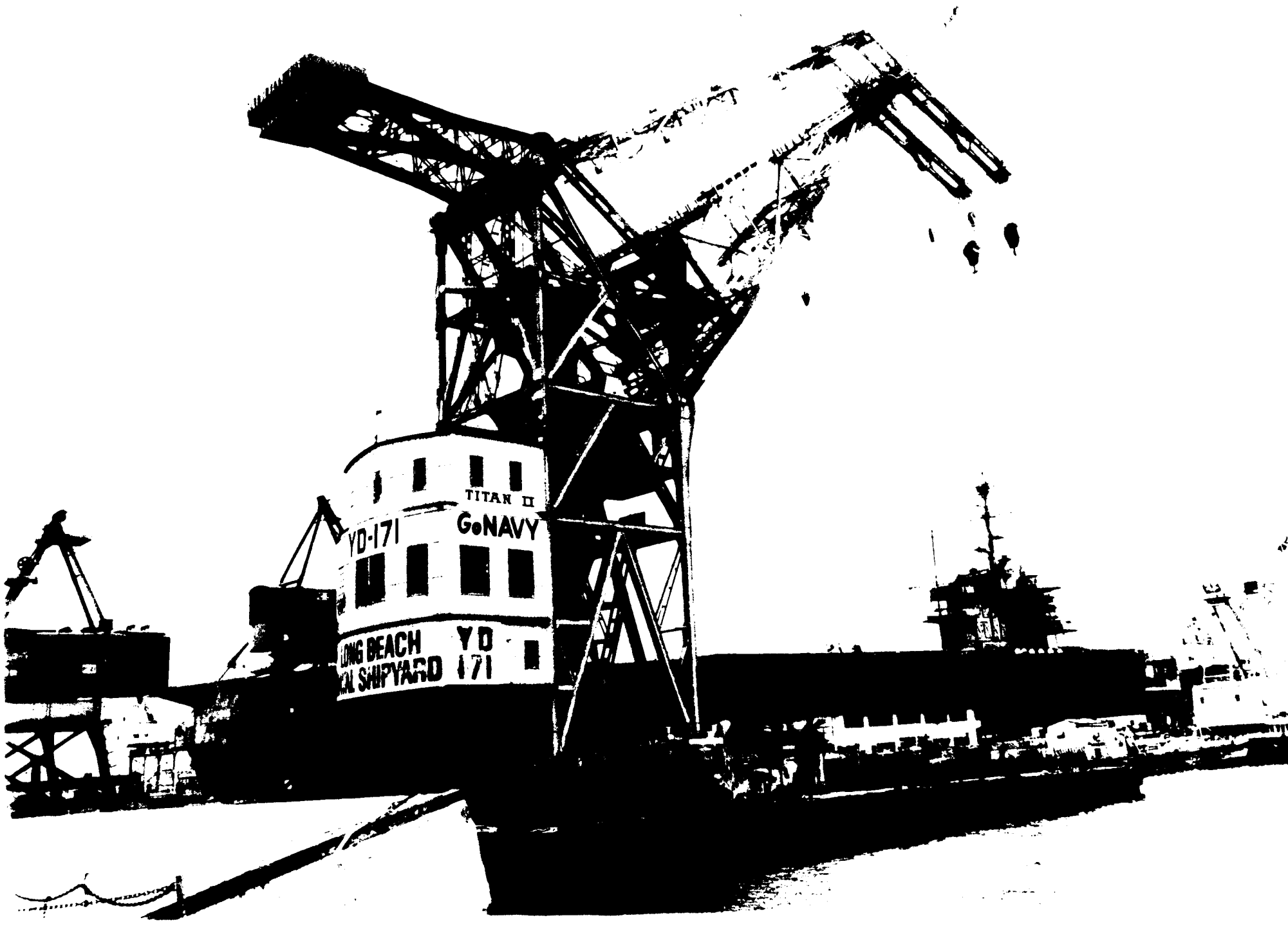
YD-171 FLOATING CRANE

26 MAY 1994

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 119
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
YD-171 FLOATING CRANE

[redacted]

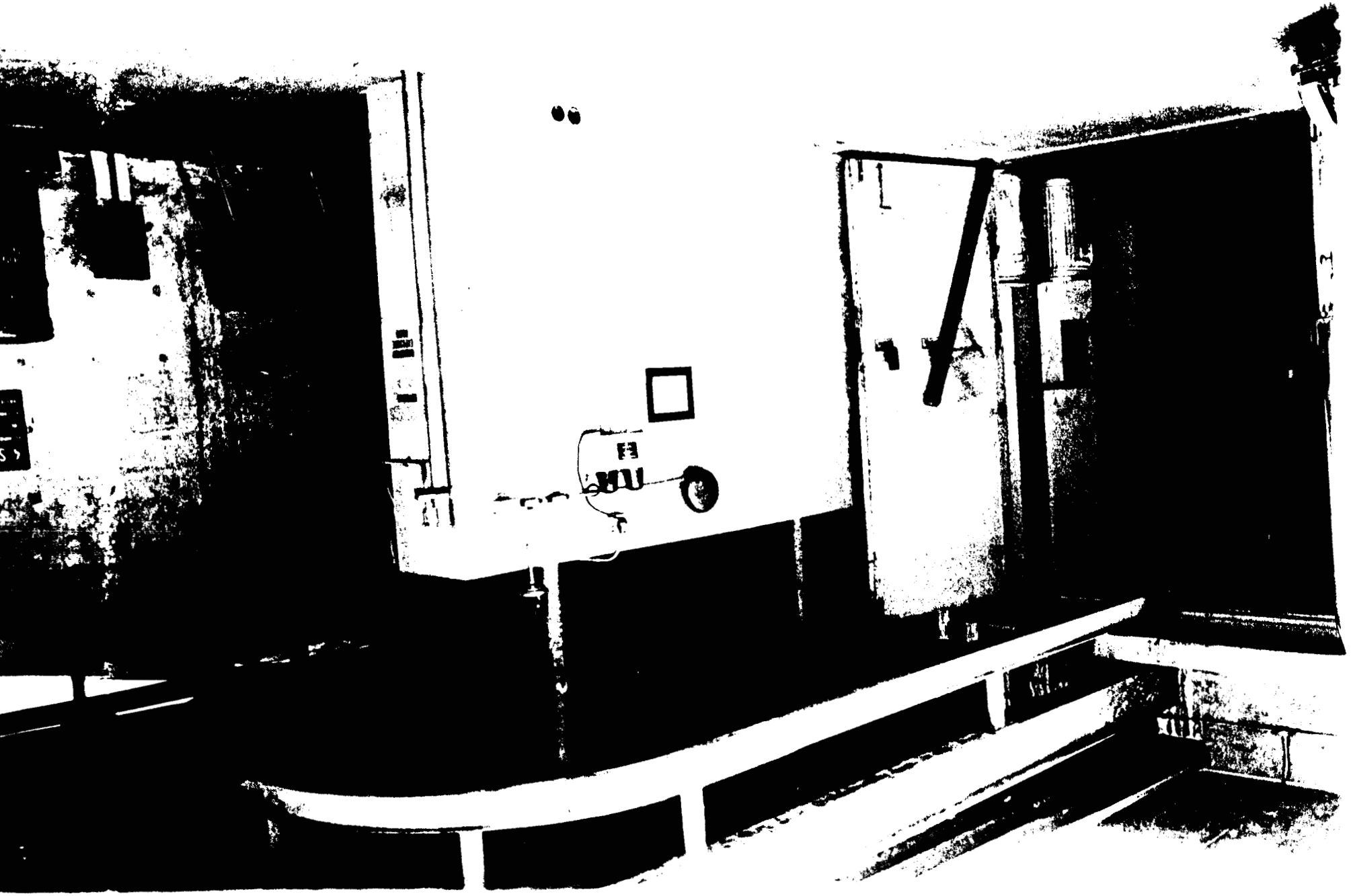

TITAN II
YD-171
GoNAVY
LONG BEACH
AL SHIPYARD
YD
171

[redacted]

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 121
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
X-RAY UNIT

[redacted]



QA LAB

26 MAY 1994

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 123a
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
INDUSTRIAL LABORATORY FACILITY

Thermo Jarrell Ash
NomComp Series 168

[redacted]

26 MAY 1994

SCANNING ELECTRON MICROSCOPE (QA 4A19)

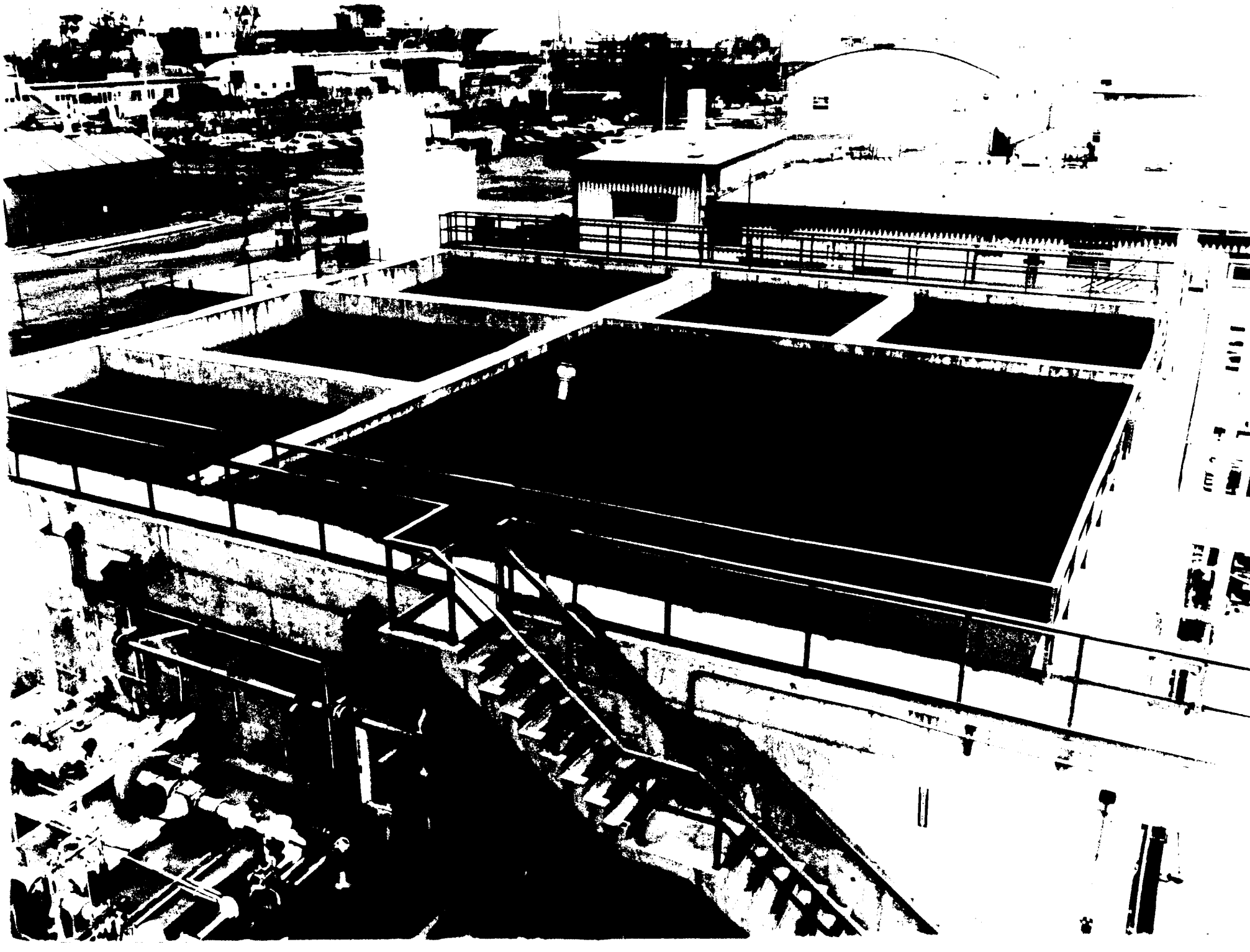
[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 123 b
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
INDUSTRIAL LABORATORY FACILITY

Center of picture Scanning electron microscope

[redacted]

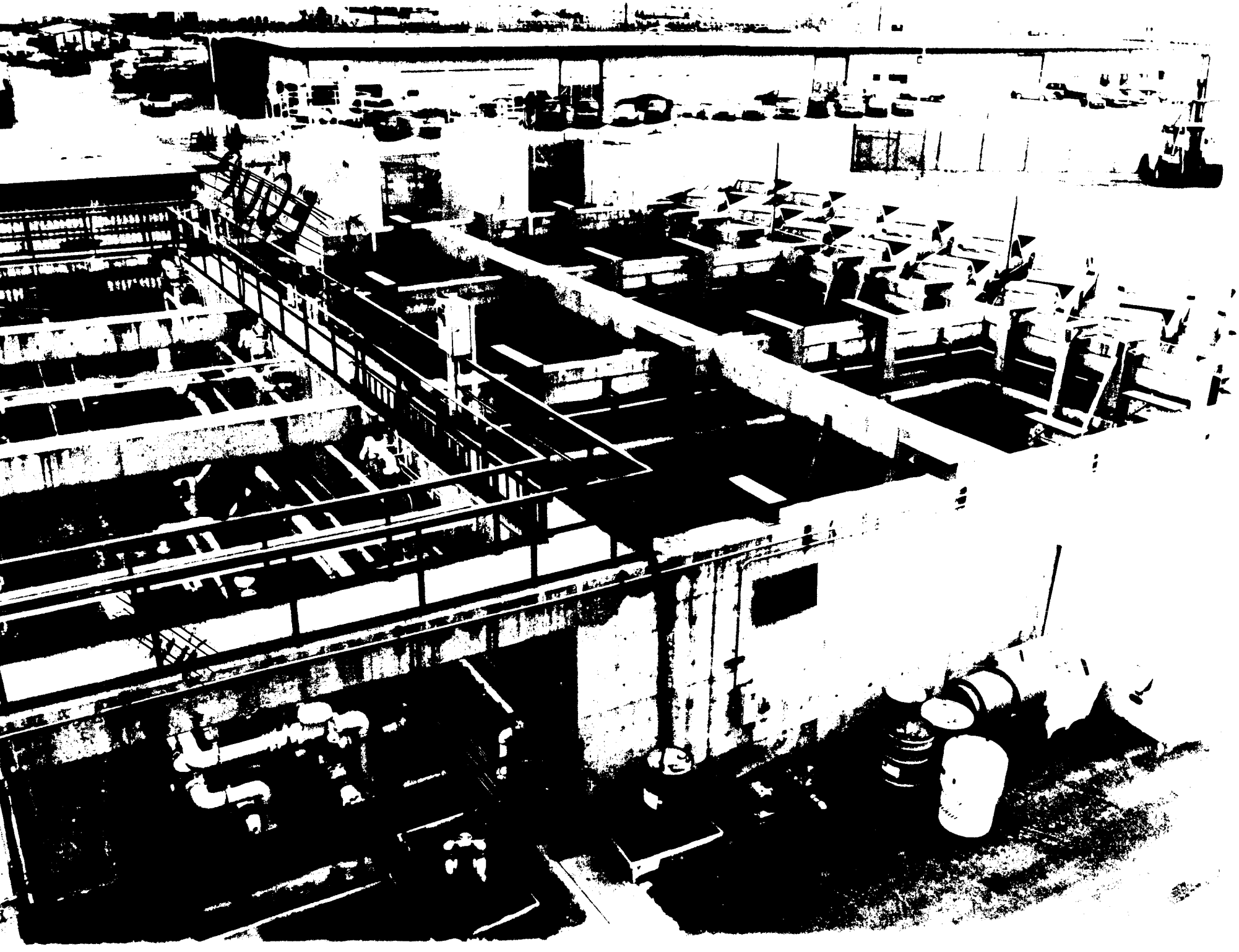
LONG BEACH N
NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 126
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
B-108 INDUSTRIAL WASTE TREATMENT PLANT
(IWTP)



LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 126 b
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
B-108 INDUSTRIAL WASTE TREATMENT PLANT
(IWTP)

B-108 INDUSTRIAL WASTE TREATMENT PLANT

LB NAVAL YARD



[redacted]

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 128
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
HAZARDOUS WASTE TRANSFER STORAGE
DISPOSAL FACILITY (TSDF) BLDG. 314

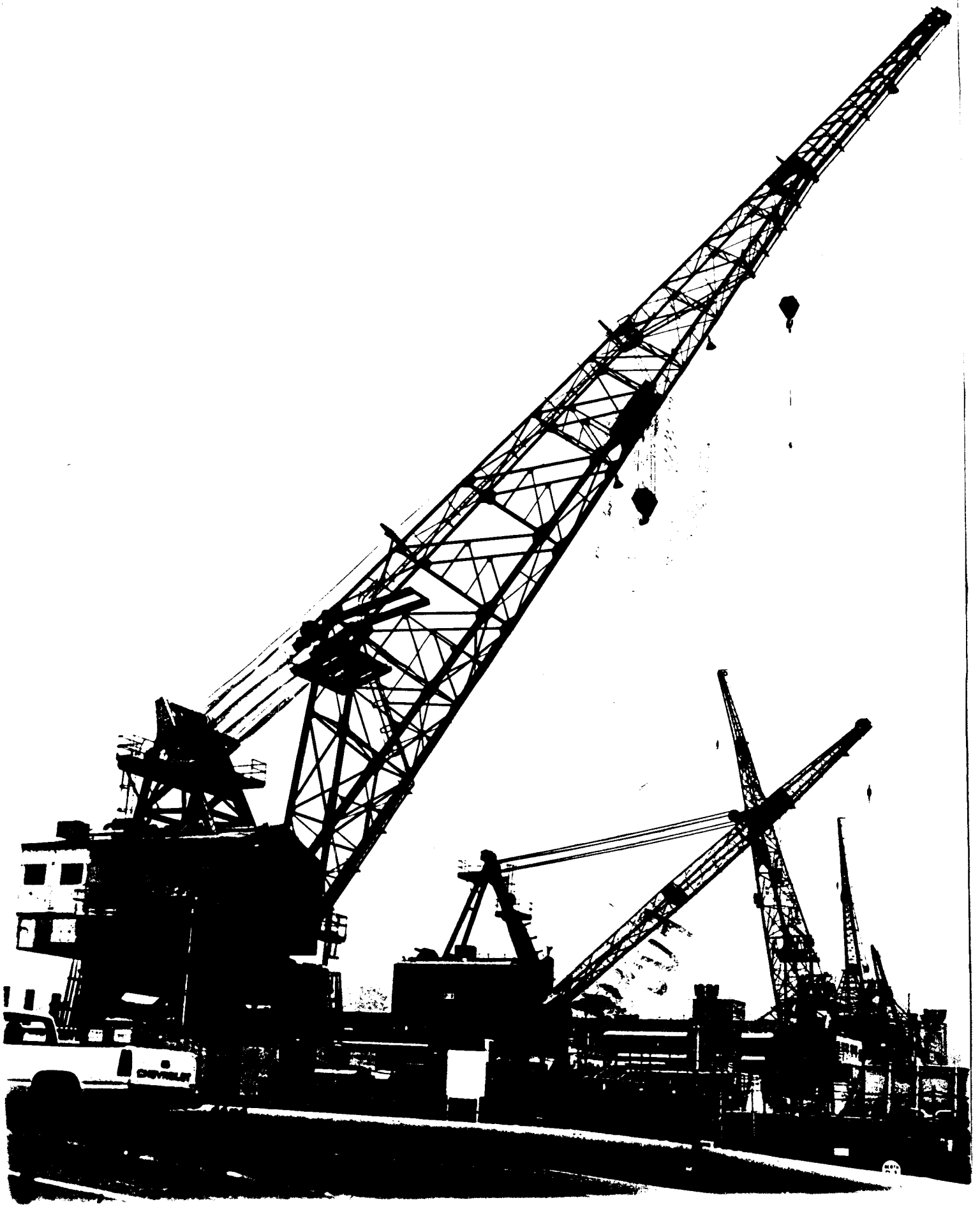
[redacted]

HAZARDOUS WASTE TRANSFER STORAGE DISPOSAL FACILITY (TSDF)

26 MAY 1994

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 130
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
STAR IRON 50 TON
PORTAL CRANE (3 EACH)

STAR IRON 54 T-41
Portal Crane


CHEVROLET

[redacted]

DRAVO 67 TON
PORTAL CRANE (1)

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 132
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
DRAVO 67 TON
PORTAL CRANE (1 EACH)

[redacted]

[redacted]

STAR IRON 25 TON
Portal Crane (4 EA.)

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 134
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
STAR IRON 25 TON
PORTAL CRANE (4 EACH)

P11
P11
-1
ε14

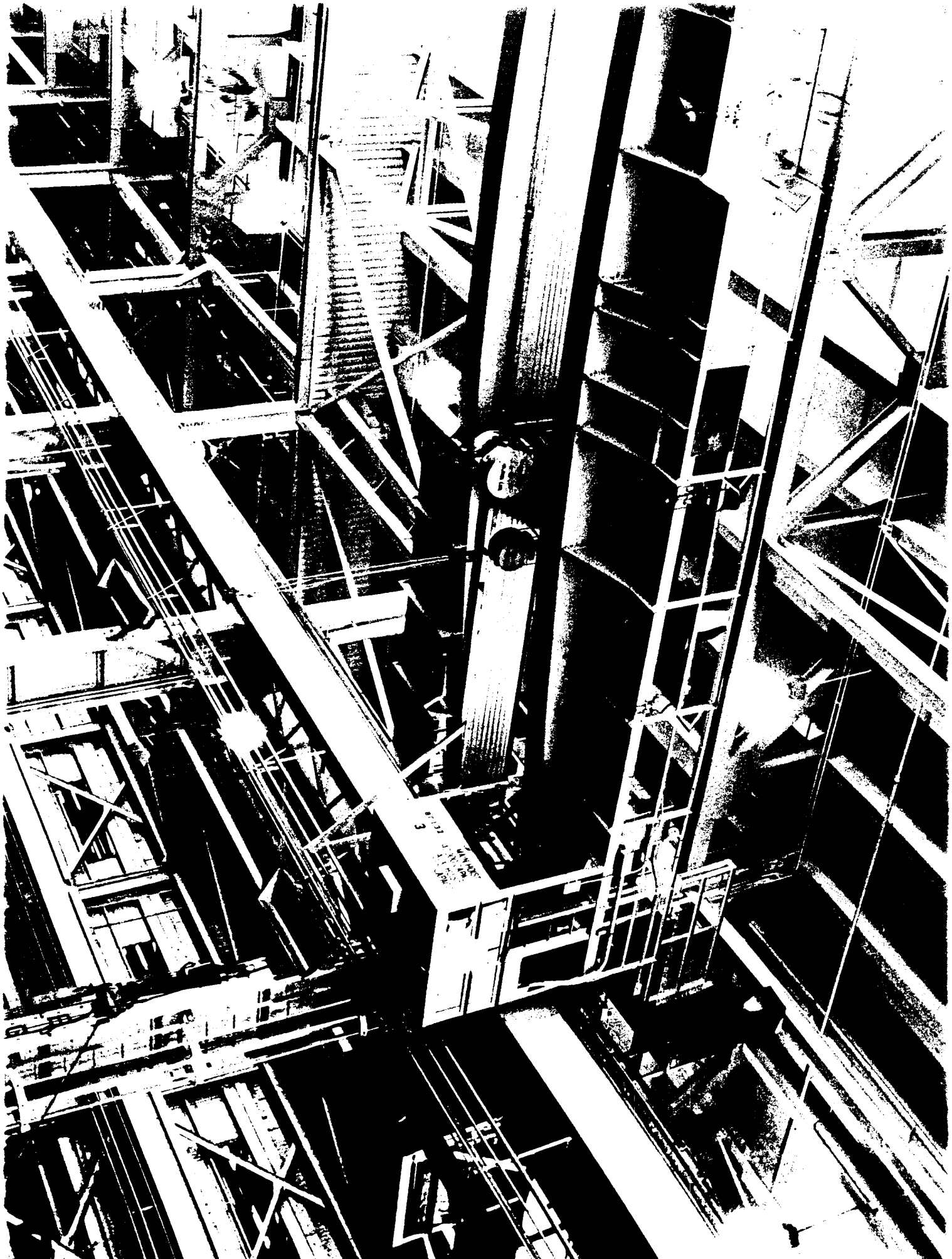
[redacted]

[redacted]

HARNISCHFEGER 20 Ton
Bridge Crane (2)

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 136
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
EDERER 50 TON
BRIDGE CRANE

[redacted]



HARNISCHFEGER 20 TON Bridge Crane

(2)

[redacted]

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60:
DATE CALL #42, TAB B PAGE # 138
FACILITY / EQUIPMENT NOMENCLATURE
HARNISCHFEGER 20 TON BRIDGE CRANE (:

[redacted]

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 140
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
MANNING MAXWELL 20 TON
BRIDGE CRANE

129-3 40 000 LBS
129-3 40,000 LBS

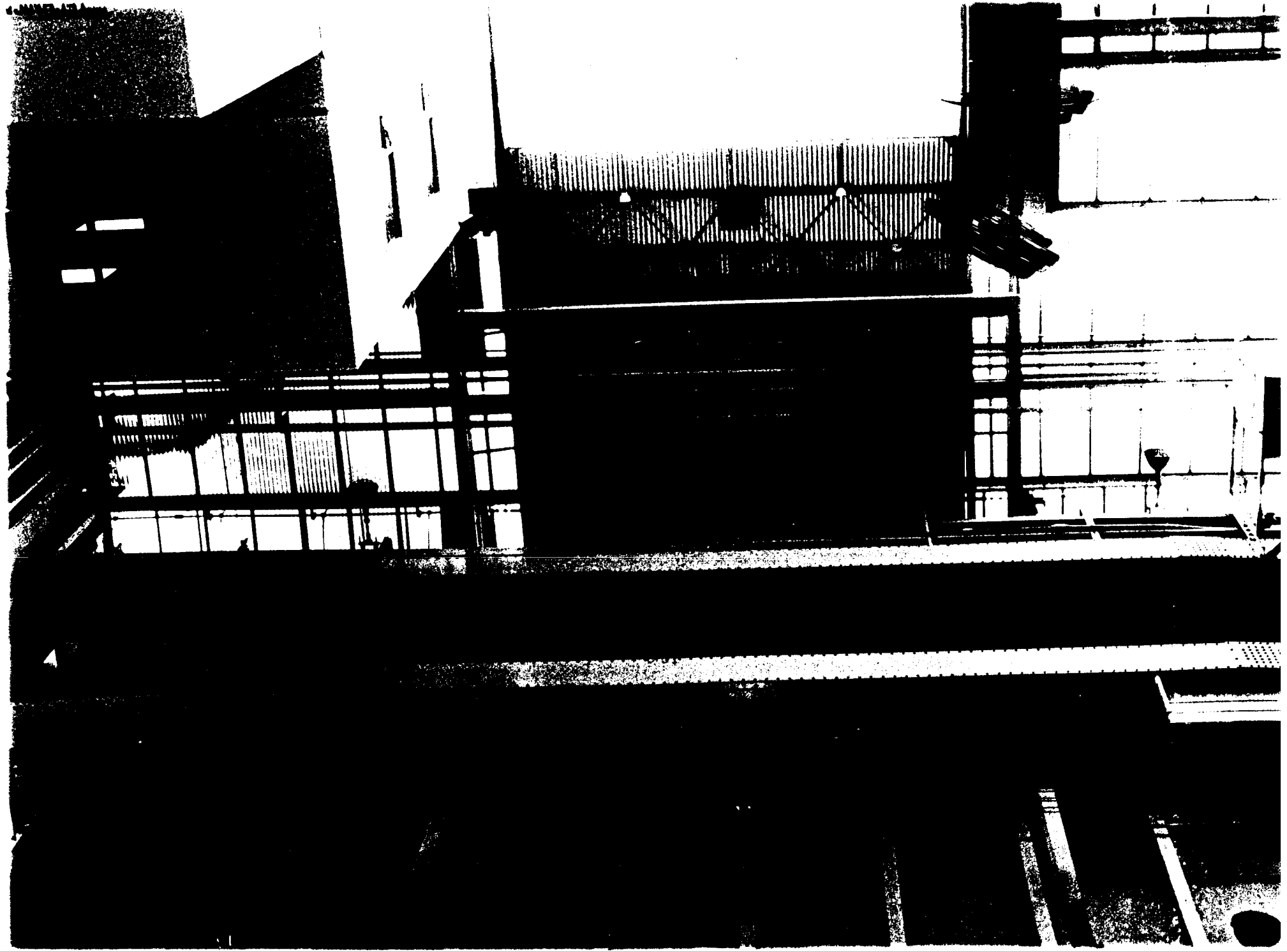
CYCLOPS 50 TON Bridge
Crane (2)

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60:
DATE CALL #42, TAB B PAGE # 142
FACILITY / EQUIPMENT NOMENCLATURE
CYCLOPS 50 TON
BRIDGE CRANE (2 EACH)

[redacted]

[redacted]



[redacted]

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 144
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
BAY AREA 20 TON
BRIDGE CRANE

BAY Area 20 Ton
Bridge Crane

[redacted]

[redacted]

[redacted]

[redacted]

HECO PACIFIC
35 TON
Bridge Crane

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 146
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
HECO PACIFIC 35 TON
BRIDGE CRANE

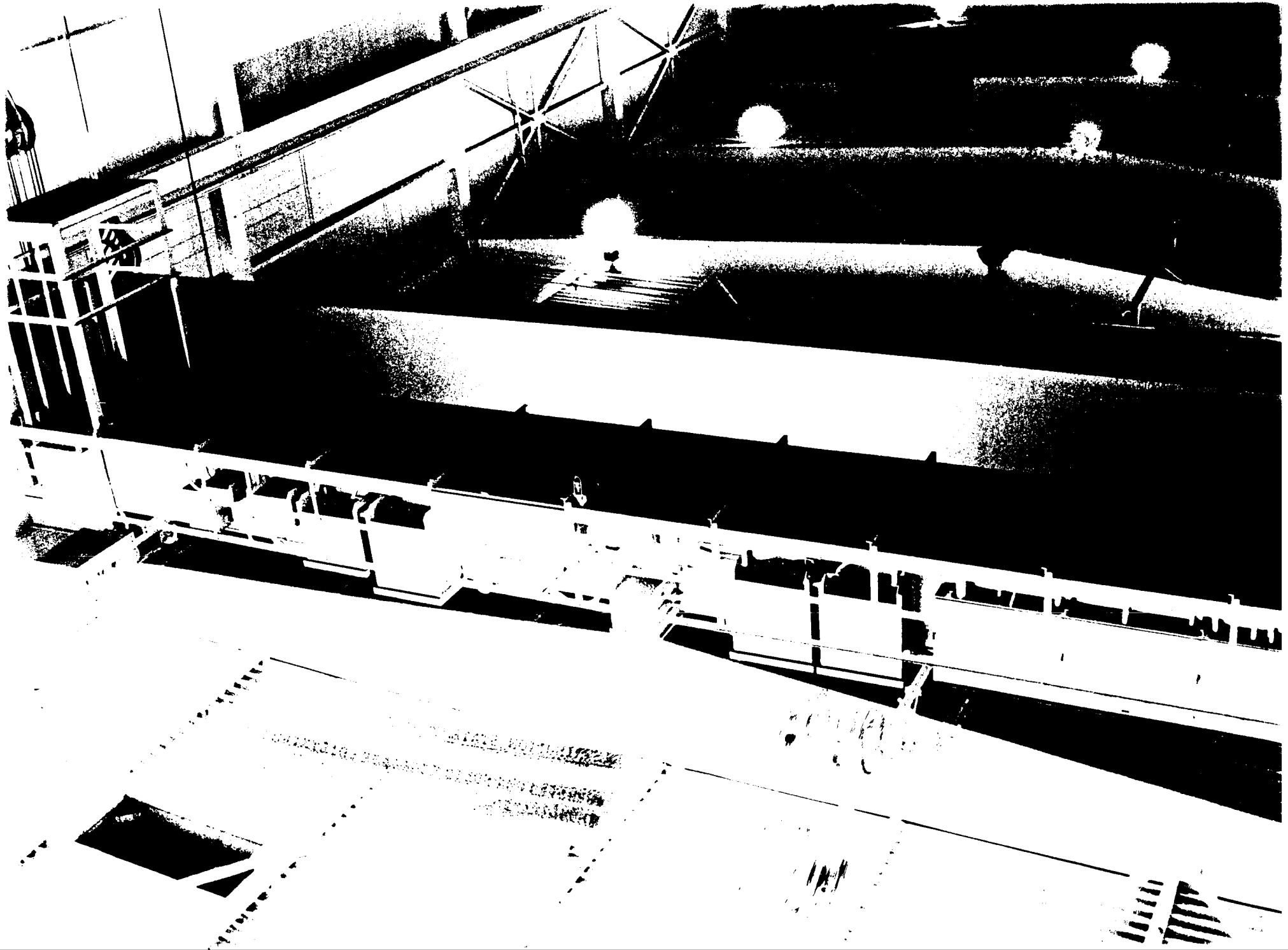
[redacted]

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 148
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
HECO PACIFIC 50 TON
BRIDGE CRANE

[redacted]

[redacted]



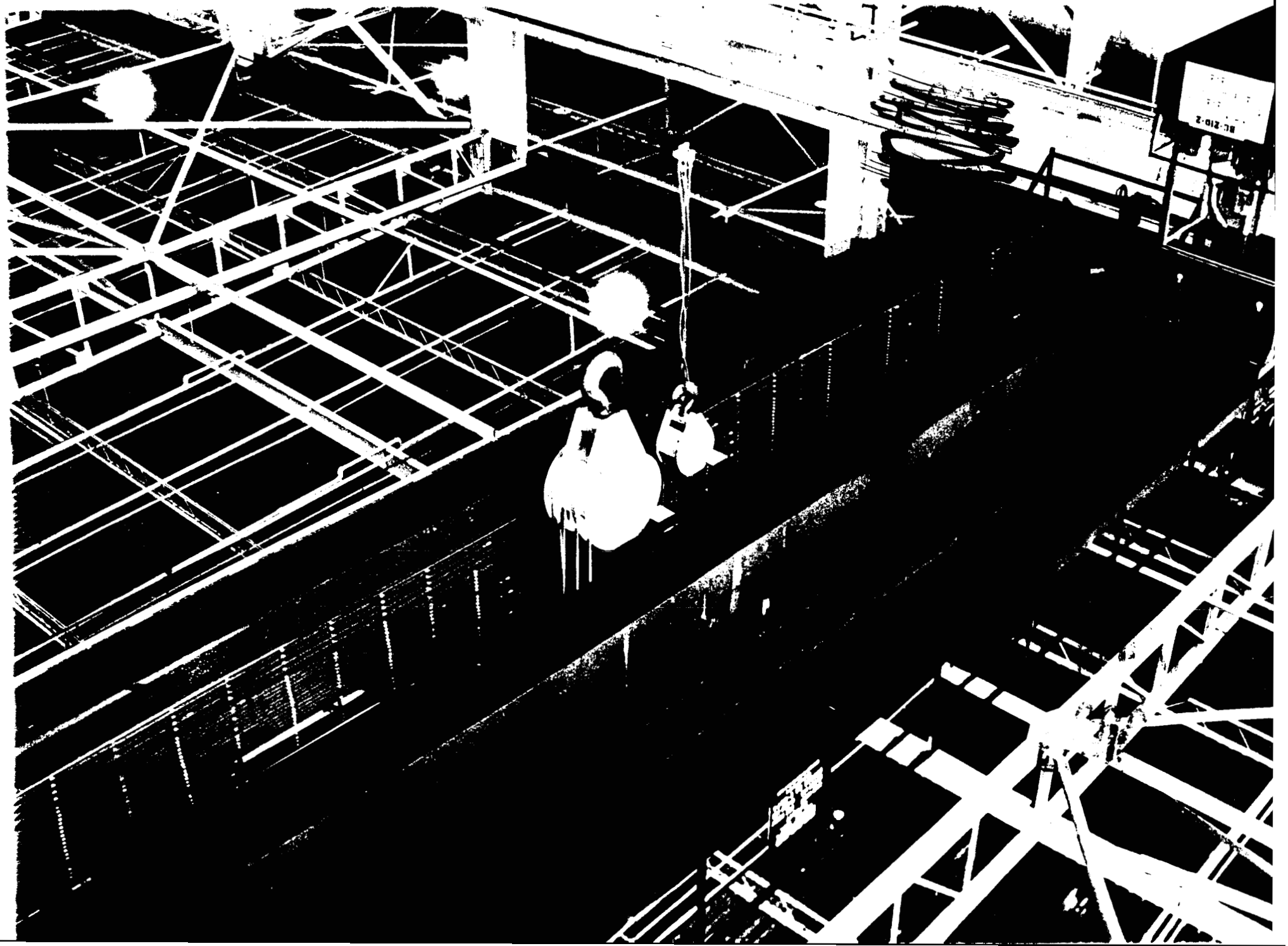
[redacted]

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60:
DATE CALL #42, TAB B PAGE # 150
FACILITY / EQUIPMENT NOMENCLATURE
EDERER 30 TON
BRIDGE CRANE

EDERER 30 Ton
Bridge Crane (1)

[redacted]



[redacted]

Colby 25 Ton
Portal Crane (1)

[redacted]

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 152
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
COLBY 25 TON
PORTAL CRANE (1 EACH)

[redacted]

[redacted]

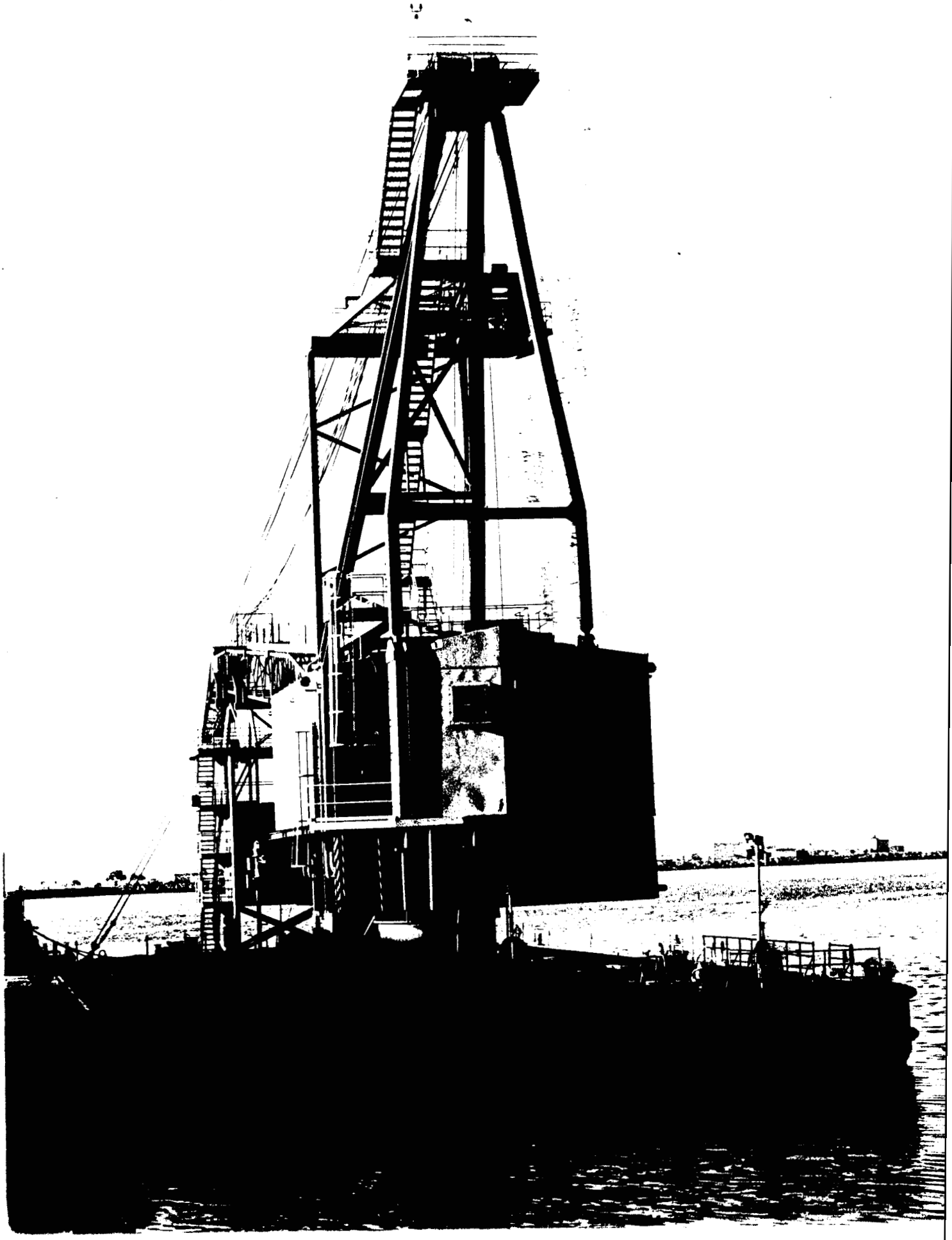
Pennsylvania 25 TON
Portal Crane (2)

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 154
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
PENNSYLVANIA 25 TON
PORTAL CRANE (2 EACH)

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 156
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
TODD SHIPYARD 100 TON
FLOATING CRANE (1 EACH)

YD-235
PUBLIC WORKS CENTER

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 158
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
WESTMONT 100 TON
FLOATING CRANE (1 EACH)



MISSOURI 25 TON
Bridge Crane (1)

LONG BEACH NAVAL SHIPYARD UIC #N60258
DATE CALL #42, TAB B PAGE # 160
FACILITY / EQUIPMENT NOMENCLATURE / TITLE
MISSOURI 25 TON BRIDGE CRANE (1 EACH)

Document Separator

UIC: N60258

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 redesignation, realignments/closures or other action, provide current and projected data and so annotate.

- Name

Official name	*Long Beach Naval Shipyard*
Acronym(s) used in correspondence	*NAVSHIPYD LONG BEACH*
Commonly accepted short title(s)	*LBNSY, NSYLB*

- Complete Mailing Address:

  Commander
  Long Beach Naval Shipyard
  300 Skipjack Road
  Long Beach CA 90822-5099

- PLAD

  NAVSHIPYD Long Beach CA

- PRIMARY UIC: N60258 (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): N41227 PURPOSE: Base Support Office For Naval Station Functions to be gained 1 Oct 94

UIC: N60258

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)

R

UIC: N60258

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	
Shipboard Electronics Systems Evaluation Facility (SESEF)*	Naval Weapons Station, Seal Beach, CA.	N60258	
Whites Point Housing (78 Units)	San Pedro, CA	N41227	R
San Pedro Housing (254 Units)	San Pedro, CA	N41227	R
Palos Verdes Housing (300 Units)	Palos Verdes, CA	N41227	R
Los Alamitos Housing (202 Units)	Los Alamitos, CA	N41227	R
Seal Beach Housing (200 Units)**	Seal Beach, CA	N41227	R
LBNSY 22.93 acre parcle	North of Ocean Blvd. adjacent to LBNSY	N41227	R
Navy & Marine Corps Readiness Reserve Center, Bldg. 676	Leased land adjacent to Long Beach Naval Shipyard	N62102	R

* Installation was deactivated on 30 Sep 93.
**Class 2 only; Class 1 belongs to NWS Seal Beach, CA R

NOTE: All facilities with UIC N41227 were erroneously transferred to LBNSY UIC N60258 upon deactivation of NAVSTA, Long Beach, CA, corrective action is in process. R

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

Name	UIC	Location	Host name	Host UIC
NONE	N/A	N/A	N/A	N/A

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.

UIC: N60258

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
Shipboard Electronics Systems Evaluation Facility (SESEF)	Naval Weapons Station, Seal Beach, CA.	N60258

NOTE: Installation was deactivated on 30 Sep 93.

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

Name	UIC	Location	Host name	Host UIC
NONE	N/A	N/A	N/A	N/A

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.

- Closure of NAVSTA effective 1 Oct 94 by BRAC-91 requires realignment of former NAVSTA, Long Beach facilities to LBNSY plant account. Impacts include the transfer of some personnel presently assigned to NAVSTA, homeported ships undergoing overhaul for the duration of availability, and remaining homeported ships pending shift of homeports.

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

•- Provide comprehensive industrial workforce and facilities for conversion, overhaul and drydocking of all classes of Navy non-nuclear carriers, surface combatant, logistic support, amphibious ships and service craft, their systems and equipment.

UIC: N60258

- Closure of NAVSTA effective 1 Oct 94 by BRAC-91 requires realignment of former NAVSTA, Long Beach facilities to LBNSY plant account. Impacts include the transfer of some personnel presently assigned to NAVSTA, homeported ships undergoing overhaul for the duration of availability, and remaining homeported ships pending shift of homeports.

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

•- Provide comprehensive industrial workforce and facilities for conversion, overhaul and drydocking of all classes of Navy non-nuclear carriers, surface combatant, logistic support, amphibious ships and service craft, their systems and equipment.

UIC: N60258

•- Perform refurbishment and restoration of hull, mechanical, electrical, electronic and combat systems components for various DoD & non-DoD activities such as:

- Radar	- Motors	- Gyro	- Combustion Control
- Sonar	- MG sets	- Switchboards	- Valves
- Communications	- GFCS	- Hygiene Equip.	- Dehydrators
- Navigational Equip	- NC-2 Plotters	- Governors	- Diesels
- Antennae/Pedestals	- Bearings	- Hydraulics	- Rotors
- Condensers	- Pumps	- Props/Shafts	
- Optics	- Air Panels	- Fabrication	

•- Provide design, engineering, combat systems, quality assurance, planning, testing, certification and public works services in support of industrial work.

•- Conduct comprehensive Occupational Safety and Health Program for maintaining high quality industrial safety standards.

•- Manage a permitted/licensed environmental protection program focusing on the re-engineering, recycling, cleanup and minimization administration of waste products and related processes.

•- Perform work for a broad customer base, including U.S. Government departments and agencies, and foreign governments.

•- Provide Public Works Lead Activity and Human Resources support for the Long Beach Naval Complex and the greater Los Angeles area.

•- Computer Aided Design (CAD)

•- Hull, mechanical, electrical, electronics and combat systems Engineering Installation Design for SHIPALTs and Repairs.

•- Develop Engineering Methods and Standards and Industrial Process Instructions.

•- Provide off-site ship Alteration Installation Teams (AITs) to install modernization alts such as the Chemical Agent Point Detection Systems (CAPDS) on FFG-7 Class and DD-963 Class ships and Harpoon and Close In Weapon Systems (CIWS) on Coast Guard Ships.

•- Assigned FFG-7 Class planning yard responsibilities which include feasibility studies, warfighting improvement plan engineering (WIPE), design of hull, mechanical and electrical/electronic systems, development of ship alteration records and ship procedures and management of the class test program and provision of all logistic class support and technical documentation.

•- Utilize Computer Aided Design (CAD) in the development of Ship Installation Drawings (SIDs), 3-D modeling and drawing interference checks, numerical control and engineering analysis of ship systems.

•- Conduct machinery and sea trials providing equipment/system troubleshooting and vibration, acoustic and failure analysis.

•- Perform as the configuration data manager for the US Navy FFG-7 Class ships and selected Australian Navy and Taiwan Navy Ships. Responsibilities include management and update of the ship configuration and logistic support information system (SCLSIS).

•- Provide ship availability logistics support to ensure that all drawings, technical manuals, allowance documentation, preventative maintenance system documentation, and test equipment is available as needed for installation, check out, operation, and maintenance of systems and equipment, and that logistics support is on board by end-of-overhaul.

•- Provide off-site services to repair, align and certify all minesweeper sonar systems.

•- Provide verification that all known sources of electro-magnetic interference (EMI) have been corrected and conduct at-sea surveys to assess EMI status.

•- Conduct program for all assigned ships to test the total combat system suite to ensure/certify that the combat system suite is fully functional to carry out the ships mission.

Projected Missions for FY 2001

•- Long Beach Naval Shipyard's mission will be virtually unchanged. Product lines and ship work delineated in "Current Missions" will continue with minor variation. FY 2001 projection adds the following work:

•- Provide Quality of Life (QOL) support for ships under availabilities and tenant command. This mission includes all remaining support functions for military personnel and dependents, either as a command mission or as services provided by tenant activities. Shipyard responsibilities include family housing management, bachelor quarters, galley, family services, Navy Exchange services, and all morale, welfare and recreation (MWR) support functions.

•- Provide Government Wide Interservice Support. This mission includes responding to service requests from all federal agencies for industrial work or maintenance and repair work, including manufacturing of special furniture, removal of hazardous wastes and development of unique processes to meet specific agency needs.

•- Provide Federal and State certified laboratory facilities for analysis, testing and certification of materials in support of recycling, environmental protection & safety programs.

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

•- The only alternate emergency nuclear aircraft carrier drydocking facility on the West Coast.

•- The only non-nuclear powered aircraft carrier and large deck drydocking facility in Southern California.

•- Designated SPCC / NAVSEA / NAVAIR / DoD activity depot for repair of the following equipment: diesel engines, turbines, weapons fire control equipment, guided missiles, small craft, ship and marine equipment, engine accessories, mechanical power transmission equipment, bearings, material handling equipment, refrigeration and air conditioning equipment pumps and compressors, water purification and sewage treatment equipment, pipe tubing and fittings valves, maintenance and repair shop equipment, communication equipment, electrical and electronic equipment, electric wire/power distribution equipment, automatic data processing equipment, alarm and signal systems, instruments and laboratory, top-side equipment and all search radars and myriad of assemblies, components and circuitry too numerous to list here.

•- Fabrication capabilities to support NAVAIR: Jet Blast Deflectors (JBDs), cooling modules, butterfly exhaust valves.

•- DOP with the unique set of test fixtures, tools, and experience for Isotta Fraschini Engines/Components supporting MCM class ships.

•- Designated service life extension program industrial activity for self-propelled side-loading warping tugs and causeway sections (amphibious logistic delivery systems).

•- Only optical shop still viable in a public yard, with the ability to cut, grind, polish and coat optical lenses up to 6" in diameter.

•- Hyperbaric chamber in service for support in the greater Los Angeles area of all DoD requirements.

•- Designated overhaul point for refurbishment and test of MK86 GFCS (System/Components - Above Deck), MK23 (Gyro) and SPS 48 antenna.

•- Fully automated sealed hydraulic transmission analyzer and test facility (dual station) is in service to support the repairable program and NAVSEA's fleet requirements.

•- Repair of Rib Boats (SPECWAR).

•- Coast Guard Industrial Support.

•- NAVSEA-designated FFG-7 Class planning yard detachment supporting U.S. and foreign navies.

•- Contracted (by MOA) with Federal Bureau of Prisons for asbestos removal and industrial support.

Projected Unique Missions for FY 2001

•- Long Beach Naval Shipyard's unique mission will be virtually unchanged. Product lines and ship work delineated in "Current Unique Missions" will continue with minor variation.

UIC: N60258

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
Commander, Naval Sea Systems Command	N00024

• 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)
• Reporting Command	23	15	3814 per NCPDS
• Selected Reserves (Reporting Command is Gaining Command)	26	0	0
• Tenants (Not including Selected Reserves that drill at Reporting Command)	7	10	89
• Tenants (Selected Reserves that drill at Reporting Command)	7	0	0
• Tenants (total)	14	10	89

UIC: N60258

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	23	7	3088*
• Selected Reserves (Reporting Command is Gaining Command)	26	0	0
• Tenants (Not including Selected Reserves that drill at Reporting Command)	7	10	89
• Tenants (Selected Reserves that drill at Reporting Command)	7	0	0
• Tenants (total)	14	10	89

* Per FY 95 Congressional budget. Expected onboard as of 30 Sept 94 is 3300.

Authorized Positions after 1 October 1994**

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	23	7	3088*
• Selected Reserves (Reporting Command is Gaining Command)	26	0	0
• Tenants (Not including Selected Reserves that drill at Reporting Command)	134	1281	417
• Tenants (Selected Reserves that drill at Reporting Command)	286	630	0
• Tenants (total)	420	1911	417

* Per FY 95 Congressional budget. Expected onboard as of 1 Oct 94 is 3300.
** Data for Fiscal Year 1995 included to reflect the effect of absorbing former Naval Station Long Beach functions upon its closure per BRAC-91.

UIC: N60258

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			
CAPT Bernard Janov	(310) 547-7717	(310) 547-7570	*
Shipyard Commander			
• Duty Officer	(310) 547-6226	(310) 547-8312	[N/A]
• OTHER KEY POCs			
John Pfeiffer	(310) 547-7323	(310) 547-8312	*
Executive Assistant to the Shipyard Commander			
Dario Franco	(310) 547-7839	(310) 547-8312	*
Senior Industrial Specialist			

* Provided by separate correspondence due to privacy act.

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, end strength 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.)

UIC: N60258

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. Tenants residing on main complex (shore commands)

Command Name	UIC	OFFICER	ENLISTED	CIVILIAN
Resident Officer in Charge of Construction (ROICC)	68711 R	2	0	14
Superivsor of Shipbuilding, Conversion & Repair (SUPSHIP) Long Beach	N65870	2 R	15 R	45
Defense Printing Service (DPS) Detachment Branch Office	N68347	0	0	20
Defense Finance & Accounting Service (DFAS)	S33181	0	0	10

<u>After 1 October 1994</u>

Command Name	UIC	OFFICER	ENLISTED	CIVILIAN
Resident Officer In Charge of Construction (ROICC)	N44267	2	0	14
Supervisor of Shipbuilding, Conversion and Repair, (SUPSHIP) Long Beach	N65870	5	10	45
Defense Printing Service (DPS) Detachment Branch Office Long Beach	N68347	0	0	20

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UIC: N60258

• Tenants residing on main complex (shore commands)

Command Name	UIC	OFFICER	ENLISTED	CIVILIAN
Resident Officer in Charge of Construction (ROICC)	68711 R	2	0	14
Superivsor of Shipbuilding, Conversion & Repair (SUPSHIP) Long Beach	N65870	2 R	15 R	45
Defense Printing Service (DPS) Detachment Branch Office	N68347	0	0	20
Defense Finance & Accounting Service (DFAS)	S33181	0	0	10

After 1 October 1994

Command Name	UIC	OFFICER	ENLISTED	CIVILIAN
Resident Officer In Charge of Construction (ROICC)	N44267	2	0	14
Supervisor of Shipbuilding, Conversion and Repair, (SUPSHIP) Long Beach	N65870	2 R	15 R	45

UIC: N60258

• Tenants residing on main complex (shore commands)

Command Name	UIC	OFFICER	ENLISTED	CIVILIAN
Resident Officer in Charge of Construction (ROICC)	N44267	2	0	14
Superivsor of Shipbuilding, Conversion & Repair (SUPSHIP) Long Beach	N65870	5	10	45
Defense Printing Service (DPS) Detachment Branch Office	N68347	0	0	20
Defense Finance & Accounting Service (DFAS)	S33181	0	0	10

After 1 October 1994

Command Name	UIC	OFFICER	ENLISTED	CIVILIAN
Resident Officer In Charge of Construction (ROICC)	N44267	2	0	14
Supervisor of Shipbuilding, Conversion and Repair, (SUPSHIP) Long Beach	N65870	5	10	45

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UIC: N60258

Defense Finance & Accounting Service (DFAS)	S33181	0	0	10
Shore Intermediate Maitenance Activity Detachment (SIMA DET) Long Beach	N68828	3	75	0
Personnel Support Activity Detachment (PSD) Long Beach	N43142	1	25	35
Navy Legal Services Office Detachment (NLSO DET) Long Beach	N68772	2	0	0
Naval Medical Clinic Long Beach	N32539	39	90	83
Branch Dental Clinic Long Beach	N62947	5	10	6
Naval Computer and Telecommunications Command	N35272	1	16	11
Naval Criminal Investigative Service (NCIS DET) Long Beach	N32123	0	0	14
Fleet Industrial Support Center Detachment (FISC DET) Long Beach	N68276	2	2	57
Navy Exchange Long Beach	N39226	1	0	0
Defense Commissary	N49200	0	11	65 R
Navy & Marine Corps Reserve Center Long Beach	N62102	6	33	1
Naval Regional Contracting Center Detachment Long Beach	N00123	2	0	69

UIC: N60258

Defense Printing Service (DPS) Detachment Branch Office Long Beach	N68347	0	0	20
Defense Finance & Accounting Service (DFAS)	S33181	0	0	10
Shore Intermediate Maitenance Activity Detachment (SIMA DET) Long Beach	N68828	3	75	0
Personnel Support Activity Detachment (PSD) Long Beach	N43142	1	25	35
Navy Legal Services Office Detachment (NLSO DET) Long Beach	N68772	2	0	0
Naval Medical Clinic Long Beach	N32539	39	90	83
Branch Dental Clinic Long Beach	N62947	5	10	6
Naval Computer and Telecommunications Command	N35272	1	16	11
Naval Criminal Investigative Service (NCIS DET) Long Beach	N32123	0	0	14
Fleet Industrial Support Center Detachment (FISC DET) Long Beach	N68276	2	2	57
Navy Exchange Long Beach	N39226	1	0	0

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UIC: N60258

Defense Commissary	N49200	0	11	65 R
Navy & Marine Corps Reserve Center Long Beach	N62102	6	33	1
Naval Regional Contracting Center Detachment Long Beach	N00123	2	0	69
Army Veterinarian's Office	A114FF09	1	6	2
Fleet Integrated Logistics Office (FLT ILO) Long Beach	N0062A	1	9	8
Defense Distribution Depot (DDD) Long Beach	SB3200	1	0	35

• Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
NONE	N/A	0	0	0

<u>After 1 October 1994</u>

Tenant Command Name	UIC	Officer	Enlisted	Civilian
ANTIETAM CG 54*	21387	24	364	0
PAUL F FOSTER DD 964*	20575	19	315	0
DAVID R RAY DD 971**	20591	19	315	0

* Scheduled ROH - assigned to Shipyard homeport for duration of overhaul availability
** Pending shift of homeport - ships are scheduled to transit to Everett WA in FY 95

UIC: N60258

Defense Commissary	N49200	0	11	0
Navy & Marine Corps Reserve Center Long Beach	N62102	6	33	1
Naval Regional Contracting Center Detachment Long Beach	N00123	2	0	69
Army Veterinarian's Office	A114FF09	1	6	2
Fleet Integrated Logistics Office (FLT ILO) Long Beach	N0062A	1	9	8
Defense Distribution Depot (DDD) Long Beach	SB3200	1	0	35

• Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
NONE	N/A	0	0	0

<u>After 1 October 1994</u>

Tenant Command Name	UIC	Officer	Enlisted	Civilian
ANTIETAM CG 54*	21387	24	364	0
PAUL F FOSTER DD 964*	20575	19	315	0
DAVID R RAY DD 971**	20591	19	315	0

* Scheduled ROH - assigned to Shipyard homeport for duration of overhaul availability
** Pending shift of homeport - ships are scheduled to transit to Everett WA in FY 95

UIC: N60258

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

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
NONE	N/A	N/A	N/A	N/A	N/A

• Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
BP Chemical (HITCO)	N/A	East border of LBNSY	0	0	0
Long Beach Coastline Federal Credit Union	N/A	Main Gate LBNSY	0	0	0

<u>After 1 October 1994</u>

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
BP Chemical (HITCO)	N/A	East border of LBNSY	0	0	0
Long Beach Coastline Federal Credit Union	N/A	Main Gate LBNSY	0	0	0
Taco Bell	N/A	LBNSY	0	0	0
Auto Detailing	N/A	LBNSY	0	0	0
Small Vendors	N/A	LBNSY	0	0	0
Leisure Travel	N/A	LBNSY	0	0	0
DRMO	SZB1 69	LBNSY	0	0	7
DLA Fuel Pier	N/A	LBNSY	0	0	0
Koffee Ken's	N/A	LBNSY	0	0	0

UIC: N60258

Servmart	99962 G	LBNSY	0	0	0
Quicktrans	45759	LBNSY	0	0	0
USA Credit Union	N/A	LBNSY	0	0	0
Navy Relief	N/A	LBNSY	0	0	0
Red Cross	N/A	LBNSY	0	0	0
US Post Office	N/A	LBNSY	0	0	0

• Tenants (Other than those identified previously)(Drilling Reserves)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
NR NSYLB DET 119	86717	LBNSY	7	0	0

<u>After 1 October 1994</u>

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
NR NSYLB DET 119	86717	LBNSY	7	0	0
COMNAVSURFGRU	82766	LBNSY	9	5	0
ATG SD 119	85652	LBNSY	12	41	0
LSO LB 119	87422	LBNSY	7	5	0
NAVSEA	89136	LBNSY	16	0	0
NRCC 419	87056	LBNSY	20	5	0
NSC SD 419	89055	LBNSY	4	13	0
NCTAMS	86821	LBNSY	2	26	0
PERSMOBTM 2419	86754	LBNSY	10	22	0
SIMA 119	87881	LBNSY	6	15	0
SIMA 219	87883	LBNSY	5	96	0

UIC: N60258

CINCPACFLT	86910	LBNSY	32	13	0
NCSO	89236	LBNSY	28	18	0
NHLB 219	88353	LBNSY	6	15	0
NH CAMPEN 919	88357	LBNSY	3	29	0
PRIMUS	82790	LBNSY	25	0	0
MEFREL	87626	LBNSY	3	3	0
3rd ANGLICO	88561	LBNSY	13	7	0
COWPENS (SAU)	83211	LBNSY	3	28	0
4th FSSG DENCO	88564	LBNSY	4	9	0
FLTSUPTRA 2719	89144	LBNSY	2	5	0
MDSU1 DET 319	85609	LBNSY	6	32	0
NDC LBCH 119	89111	LBNSY	5	9	0
NR NSYLB DET 219	88629	LBNSY	7	0	0
NR NSYLB DET 311	88630	LBNSY	9	0	0
NR NSYLB DET 410	88630	LBNSY	10	0	0
MIUWU 105	81989	LBNSY	13	60	0
3rd ANGLICO I&I	M2V6 26	LBNSY	2	13	0
SIMA 319	87884	LBNSY	6	101	0
NHLB DET 119	88352	LBNSY	11	60	0

UIC: N60258

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 ISA, MOU, etc.)
Military Traffic Command	Compton, CA	Public Works Lead Activity Design, Planning, Maintenance
Coast Guard	LBNSY Bldg 72	Clean-up and spill prevention. Clean-up and spill equipment stowage.
Port of Los Angeles	Los Angeles Harbor	Clean-up and spill prevention
Port of Long Beach	Long Beach Harbor	Clean-up and spill prevention
Defense Resale Marketing Office (DRMO)	El Toro, CA	Public Works Lead Activity Design, Planning, Maintenance
Fleet Industrial Support Center (FISC) Detachment	Long Beach, CA	Public Works Lead Activity Design, Planning, Maintenance
Los Angeles Armed Forces Reserve Center	Los Angeles, CA	Public Works Lead Activity Design, Planning, Maintenance
Encino Armed Forces Reserve Center	Encino, CA	Public Works Lead Activity Design, Planning, Maintenance
Pasadena Armed Forces Reserve Center	Pasadena, CA	Public Works Lead Activity Design, Planning, Maintenance

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Pico Rivera Armed Forces Reserve Center	Pico Rivera, CA	Public Works Lead Activity Design, Planning, Maintenance
Morris Dam Navy Weapons Test Facility	Azusa, CA	Public Works Lead Activity Design, Planning, Maintenance
Naval Hospital, Long Beach	Long Beach, CA	Public Works Lead Activity Design, Planning, Maintenance
Military Traffic Command	Compton, CA	Public Works Lead Activity Design, Planning, Maintenance
Defense Fuel Region West	San Pedro, CA	Public Works Lead Activity Design, Planning, Maintenance
Army Outpost	Los Angeles, CA	Public Works Lead Activity Design, Planning, Maintenance
Intra-Fleet Supply Support Operations Team (ISSOT)	Long Beach, CA	Public Works Lead Activity Design, Planning, Maintenance
63rd United States Army Reserve Command	Los Alamitos, CA	Support Services
Defense Investigative Services	Long Beach, CA	Facilities and Support Services
Naval Mobile Construction Battalion 16	Los Alamitos, CA	Transportation Services
Veterans Administration Medical Center	Long Beach, CA	Materials analysis
United States Army I Corps & Fort Lewis Housing	Los Alamitos, CA	Public Works Lead Activity Design, Planning, Maintenance
Naval Surface Force Pacific Port Engineers	Long Beach, CA	Facilities and Support Services

Defense Information Services Organization (DISO)	San Diego, CA	Data Processing Equipment and Services
General Services Administration (GSA)	Los Angeles, CA	Information Technology Services; POL for GSA vehicles
Naval Facilities Engineering Command Southwest Division	Long Beach, CA	Security Services for Ex-Navy Hospital (following closure in March 1994)

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.)

UIC: N60258

Archaeological, Historical and Architectural Properties

A. Long Beach Naval Shipyard

Long Beach Naval Shipyard does not currently have any facilities identified as Archaeological, Historical, or Architectural Properties. Phase I Survey for Shipyard Archaeological, Historical and Architectural Properties was completed in May 1993 and identified 47 candidate facilities constructed pre-1946. Phase II Survey, which identifies facilities for possible submission for the historical register, has not been accomplished yet by Naval Facilities Engineering Command, Southwest Division.

B. Naval Station Long Beach

Naval Station Long Beach Phase I Survey for Archaeological, Historical and Architectural Properties was completed in May 1992. Phase II Survey is due on 28 February 1994. Draft survey lists fifteen Naval Station candidate facilities and one Shipyard candidate facility (by error) for submission to the historical register. Facilities for submission are shown on attached map.

Enclosed are drawings from Naval Station Long Beach's Draft Historical and Architectural Assessment.

UIC N60258

JL
SEP 09X
2/14/94

Data Being Certified: BRAC 95 Data Call Number 1, Long Beach Naval Shipyard

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic
NAME (Please type or print)

W. H. Ryzewic
Signature

Executive Director for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate
Title

FEB 10 1994
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.

MAJOR CLAIMANT LEVEL

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

S. R. Sterner
Signature

Title
Commander
Naval Sea Systems Command
Acting

2/10/94
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)

S. F. Loftus
Vice Admiral, U.S. Navy
NAME (Please type or print)

Signature

Deputy Chief of Naval Operations (Logistics)
Title

23 FEB 1994
Date

ZUC 60258

JL
SEA 09X
2/14/94

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.

Data Being Certified: BRAC Data Call One

ACTIVITY COMMANDER

CAPT Bernard Janov, USN
NAME (Please type or print)

Bernard Janov
Signature

Shipyard Commander
Title

9 February 1994
Date

Long Beach Naval Shipyard
Activity

UIC N60258

Data Being Certified: BRAC 95 Data Call Number 1, Revisions, Long Beach Naval Shipyard

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

NEXT ECHELON LEVEL (if applicable)

Robert S. Johnson

NAME (Please type or print)

Signature

Director, Field Activity Support Group
Naval Shipyard and SUPSHIP Management
and Field Activity Support Directorate

Title

10/2/94

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.

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

G. R. Sterner

Signature

G. R. STERNER
Commander
Naval Sea Systems Command

Title

10-4-94

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. DRENNON

NAME (Please type or print)

Signature

Acting

Title

12 OCT 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

CAPT John Pickering
NAME (Please type or print)

Signature

Shipyard Commander
Title

29 August 1994
Date

Long Beach Naval Shipyard
Activity

DATA CALL #1

Revisions to pages:
11R
13R

UIC N60258

Data Being Certified: BRAC 95 Data Call Number 1 , Revision, Long Beach Naval Shipyard

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

NEXT ECHELON LEVEL (if applicable)

Robert S. Johnson

NAME (Please type or print) Signature

Deputy Commander for Naval Shipyard
and SUPSHIP Management and Field
Activity Support Directorate
(Acting)

9/16/94

Title 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.

MAJOR CLAIMANT LEVEL

NAME (Please type or print) Signature

G. R. STERNER
Commander
Naval Sea Systems Command

9/21/94

Title 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

10/5/94

Title 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

CAPT John Pickering
NAME (Please type or print)

Signature

Shipyard Commander
Title

29 August 1994
Date

Long Beach Naval Shipyard
Activity

BRAC Data Call #1

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UIC N60258

Data Being Certified: BRAC 95 Data Call Number Number 1, Long Beach Naval Shipyard, Revision Pages 3, 3a

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

NEXT ECHELON LEVEL (if applicable)

William H. Ryzewic

NAME (Please print or type)

W. H. Ryzewic

Signature

Executive Director for Naval Shipyard and SUPSHIP Management and Field Activity Support Directorate

Title

2/17/95

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.

MAJOR CLAIMANT LEVEL

NAME (Please print or type)

G. R. STERNER

Signature

Commander
Naval Sea Systems Command

Title

2-17-95

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 AND LOGISTICS)

C.G. Geiger

NAME (Please print or type)

C. Geiger

Signature

ACTING

Title

2-23-95

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.

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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

CAPT John Pickering	
NAME (Please type or print)	Signature
Shipyard Commander	19 DEC 1994
Title	Date
Long Beach Naval Shipyard	
Activity	

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