

Complete Revised Data Call

24 August, 1994

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

Questions for the Major Owner / Operator

Category
Sub-category

**Industrial Activities
Naval Weapons Stations,
Naval Magazines, and
Strategic Missile Facilities**

Claimants

**COMNAVSEASYS COM - Naval Weapon Stations
CINCPACFLT - Naval Magazines (on U.S. territory)
DIRSSP - Strategic Missile Facilities**

The Major Owner/Operator questions will be answered by the Major Claimant/Systems Commander.

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

1. Base your responses for FY 1994 and previous years on executed workload, and for FY 1995 and subsequent years on workload as programmed. Unless otherwise specified, use workload mixes as programmed. In estimating projected workload capabilities, use the Activity's configuration as of completion of implementation of the BRAC-88/91/93 actions.
2. Report Direct Labor Man Hours (DLMHs) in thousands of Man Hours, to the nearest tenth, e.g. 32.2 K DLMHs. Use single shift operations (1-8-5) as the basis for your calculations. Report in specified units of throughput and Direct Labor Man Hours (DLMHs). Please identify any processes which, under normal operations, operate on a different schedule.
3. Utilize the tables provided to answer each question. Answer the questions for all of the commodity groups that are applicable to your activity.
4. For purposes of this Data Call, Depot maintenance is regarded as the maintenance performed on material that requires major overhaul or a complete rebuild of parts, assemblies, subassemblies, and end items, including the manufacture of parts, modifications, testing, and reclamation, as required. Depot maintenance serves to support lower categories of maintenance. Depot maintenance provides stocks of serviceable equipment by using more extensive facilities for repair than are available in lower level maintenance activities. Depot or indirect maintenance functions are identified by the type of equipment maintained or repaired.

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

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

Notes:

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

Commodity Groups List

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

COMMODITY GROUPS LIST (CON'T)

11. Sea Systems

Ships

Weapons Systems

12. Software

Tactical Systems

Support Equipment

13. Special Interest Items

Bearings Refurbishment

Calibration (Type I)

TMDE

14. Other

JCSG-DM: Maintenance and Industrial Activities

CAPACITY DATA CALL
NAVWPNSTAs, NAVMAGs, and STRATEGIC MISSILE FACILITIES

Questions for the Major Owner / Operator:

Table of Contents

Table of Acronyms.....	2
Features and Capabilities	3
Total Inventory	1
Activity Breakout	2
Storage Requirements	3
Conversion Factors.....	4
Interservicing Candidates.....	5
Organization	6
Core Requirements.....	7

Table of Acronyms

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

R

CAPACITY DATA CALL**NAVWPNSTAs, NAVMAGs, and STRATEGIC MISSILE FACILITIES****Questions for the Major Owner / Operator (Headquarters):**Major Owner / Operator Short Title: Naval Sea Systems Command (NAVORDCEN)Major Owner / Operator Primary UIC: N00024

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

Features and Capabilities**1. Total Inventory**

1.1 Provide the present inventories and the maximum rated capacities of all weapons storage locations within your claimancy. Present and Predicted Inventories' SF should report only that necessary to accommodate those inventories. The Maximum Rated SF values will indicate total square footage available.

1.1.a. As requested by the BSAT, this supplemental report now includes data for NATO Ammunition Depots, Single Manager of Conventional Ammunition (SMCA) ammunition storage sites, the two Naval Magazines in PACFLT's AOR, 30 other Fleet CINC and CINCUSNAVEUR ordnance storage activities, 9 technical centers, 3 training sites, and 9 MARCORPS operated activities. There are currently 89 ordnance storage sites managed by Navy and MARCORPS, which are not already designated for BRAC closure. However, many have a relatively small capacity for training and testing purpose, thus cannot effectively be used as logistical bases. Hence, only explosive magazine storage sites that have more than 6,000 square feet of explosive storage space (300 short tons capacity or 5 arched-type magazines) are included. This amounts to 53 sites worldwide. Because all of the sites listed are integral components for ordnance logistics service to Fleet and Marcorps operating units, data is included also for overseas locations beyond the scope of BRAC review.

(R)

1.1.b. The best available data has been used to compile this report. Specifically, the afloat and overseas "Present Inventory" data was obtained directly from May 94 CAIMS data run. The "Max Rated" Capacity was taken from the latest Space Utilization Report (April 94) compiled for DON by NSWC, Crane Division from regular formal reports submitted by each activity. "Predicted Inventory" was derived from the expectation that the current Load Plan - High Levels (does not include training assets) will be achieved by Year 2001. Therefore, the data incorporated in the report has a sound basis.

1.1.c. All tonnage figures are in Short Tons, which equals 2000 pounds. Figures for capacity include only magazines designed to store explosive material. (Not inert warehouses.) "Maximum Capacity" is rated in accordance with NAVSEAINST 8024.2 which defines most efficient storage arrangements with magazines by type of magazine and ordnance. Magazines which list larger amounts on hand are less efficient and approach the physical limits of interior space.

1.1.d. The tons-to-square feet conversion factor used to calculate square footage utilized for known tonnage amounts was 20 square feet per ton at sites where the normal proportion of DON weapons types are stored. At Single Manager of Conventional Ammunition and at Marine Corps operated sites where a disproportionately large amount of palletized, level of effort stock (e.g. gun ammunition) is stored, a conversion factor of 16 square feet per ton was used, in order to account for the more dense storage characteristic of this type of material.

CAPACITY DATA CALL

NAVWPNSTAs, NAVMAGs, and STRATEGIC MISSILE FACILITIES

Questions for the Major Owner / Operator (Headquarters):

Major Owner / Operator Short Title: Naval Sea Systems Command (NAVORDCEN)

Major Owner / Operator Primary UIC: N00024

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

Features and Capabilities

1. Total Inventory

1.1 Provide the present inventories and the maximum rated capacities of all weapons storage locations within your claimancy. Present and Predicted Inventories' SF should report only that necessary to accommodate those inventories. The Maximum Rated SF values will indicate total square footage available.

1.1.a. As requested by the BSAT, this supplemental report now includes data for NATO Ammunition Depots, Single Manager of Conventional Ammunition (SMCA) ammunition storage sites, the two Naval Magazines in PACFLT's AOR, 30 other Fleet CINC and CINCUSNAVEUR ordnance storage activities, 5 technical centers and 9 MARCORPS operated activities. There are currently 89 ordnance storage sites managed by Navy and MARCORPS, which are not already designated for BRAC closure. However, many have a relatively small capacity for training and testing purpose, thus cannot effectively be used as logistical bases. Hence, only explosive magazine storage sites that have more than 6,000 square feet of explosive storage space (300 short tons capacity or 5 arched-type magazines) are included. This amounts to 46 sites worldwide. Because all of the sites listed are integral components for ordnance logistics service to Fleet and Marcorps operating units, data is included also for overseas locations beyond the scope of BRAC review. (R)

1.1.b. The best available data has been used to compile this report. Specifically, the afloat and overseas "Present Inventory" data was obtained directly from May 94 CAIMS data run. The "Max Rated" Capacity was taken from the latest Space Utilization Report (April 94) compiled for DON by NSWC, Crane Division from regular formal reports submitted by each activity. "Predicted Inventory" was derived from the expectation that the current Load Plan - High Levels (does not include training assets) will be achieved by Year 2001. Therefore, the data incorporated in the report has a sound basis. (R)

1.1.c. All tonnage figures are in Short Tons, which equals 2000 pounds. Figures for capacity include only magazines designed to store explosive material. (Not inert warehouses.) "Maximum Capacity" is rated in accordance with NAVSEAINST 8024.2 which defines most efficient storage arrangements with magazines by type of magazine and ordnance. Magazines which list larger amounts on hand are less efficient and approach the physical limits of interior space. (R)

1.1.d. The tons-to-square feet conversion factor used to calculate square footage utilized for known tonnage amounts was 20 square feet per ton at sites where the normal proportion of DON weapons types are stored. At Single Manager of Conventional Ammunition and at Marine Corps operated sites where a disproportionately large amount of palletized, level of effort stock (e.g. gun ammunition) is stored, a conversion factor of 16 square feet per ton was used, in order to account for the more dense storage characteristic of this type of material. (R)

R

Table 1.1: Total Inventory Capability

Category of Facility	PRESENT INVENTORY		PREDICTED INVENTORY (FY 2001)		MAX RATED	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
Weapons Stations	126,280	2,511,035	189,666	3,751,437	208,596	4,173,716
Operational Afloat Units	80,468	1,609,360	65,468	1,309,360	125,891	2,517,820
Maritime Preposition Ships (Marine Corps)	31,176	623,520	31,176	623,520	31,176	623,520
NATO	15,119	283,540	14,208	261,764	13,746	253,517
SMCA	652,507	10,440,112	652,507	10,440,112	N/A	N/A
Naval Magazines	27,237	510,840	21,181	423,620	32,509	650,194
Strategic Missile Facilities (Note 1)	N/A	N/A	N/A	N/A	N/A	N/A
Other Fleet Activities	82,223	1,576,688	87,694	1,665,493	99,553	1,809,605
Naval Technical Centers	39,718	791,252	37,345	743,792	53,538	1,070,743
CNET Training Activities	157	3,140	157	3,140	1,133	22,659
Marine Corps	10,842	191,134	12,955	233,394	19,518	341,630
Pipeline (Note 2)	35,047	N/A	38,664	N/A	N/A	N/A
TOTAL	1,065,727	18,540,621	1,112,357	19,455,632	585,660	11,463,404

(R)
(R)

2. Activity Breakout

2.1 For each category of facility for which you identified input in Table 1.1, identify below the Activities which comprise your response and their individual characteristics.

Table 1.1: **Total Inventory Capability**

Category of Facility	PRESENT INVENTORY		PREDICTED INVENTORY (FY 2001)		MAX RATED		
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT	
Weapons Stations	126,280	2,511,035	189,666	3,751,437	208,596	4,173,716	(R)
Afloat Units	95,356	1,907,120	70,356	1,407,120	125,891	2,517,820	(R)
NATO	15,119	283,540	14,208	261,764	13,746	253,517	(R)
SMCA	652,507	10,440,112	652,507	10,440,112	N/A	N/A	(R)
Naval Magazines	27,237	510,840	21,181	423,620	49,309	986,194	(R)
Strategic Missile Facilities (Note 1)	N/A	N/A	N/A	N/A	N/A	N/A	(R)
Other Fleet Activities	81,993	1,572,088	78,997	1,492,053	99,553	1,809,605	(R)
Naval Technical Centers	37,249	741,872	37,273	742,352	47,309	943,077	(R)
Marine Corps	12,024	214,834	12,955	233,394	19,518	341,630	(R)
Pipeline (Note 2)	35,047	N/A	38,664	N/A	N/A	N/A	(R)
TOTAL	1,047,765	18,181,441	1,077,143	18,751,852	563,922	11,025,559	(R)

2. Activity Breakout

2.1 For each category of facility for which you identified input in Table 1.1, identify below the Activities which comprise your response and their individual characteristics.

R

Table 2.1: Activity Breakout by Category

Activities within each Category	PRESENT INVENTORY		PREDICTED INVENTORY (FY 2001)		MAX RATED	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
WPNSTA'S:						
Charleston	24,071	350,010	33,491	475,140	50,147	801,000
Earle	15,490	283,586	30,000	570,194	26,400	570,194
Yorktown	24,724	553,410	29,861	723,943	31,025	686,408
Concord	21,831	376,606	43,446	714,720	50,653	829,104
Fallbrook	22,227	459,766	23,436	501,214	26,898	573,981
Port Hadlock	7,692	151,709	12,293	242,407	9,110	189,210
Seal Beach	10,245	335,948	17,139	523,819	14,363	523,819
Operational Afloat Units (Note 3)	N/A	N/A	N/A	N/A	N/A	N/A
Maritime Preposition Ships (Note 8)	N/A	N/A	N/A	N/A	N/A	N/A
NATO: (Note 4)						
Augusta Bay	8,077	161,540			3,111	63,210
Norway	4,710	75,360	5,599	89,584	5,599	89,584
Souda Bay	2,332	46,640	8,609	172,180	5,036	100,723
SMCA (Note 5)						
Combined Total for:						
Hawthorne, NV	157,308	2,516,928	157,308	2,516,928	All DOD capacity	All DOD capacity
McAlester, OK	87,279	1,396,464	87,279	1,396,464		
Crane, IN (CAAA)	287,216	4,595,456	287,216	4,595,456		
Other	120,704	1,931,264	120,704	1,931,264		

(R

(R

Table 2.1: Activity Breakout by Category

Activities within each Category	PRESENT INVENTORY		PREDICTED INVENTORY (FY 2001)		MAX RATED		
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT	
WPNSTA'S:							
Charleston	24,071	350,010	33,491	475,140	50,147	801,000	(R)
Earle	15,490	283,586	30,000	570,194	26,400	570,194	(R)
Yorktown	24,724	553,410	29,861	723,943	31,025	686,408	(R)
Concord	21,831	376,606	43,446	714,720	50,653	829,104	(R)
Fallbrook	22,227	459,766	23,436	501,214	26,898	573,981	(R)
Port Hadlock	7,692	151,709	12,293	242,407	9,110	189,210	(R)
Seal Beach	10,245	335,948	17,139	523,819	14,363	523,819	(R)
Afloat Units (Note 3)	N/A	N/A	N/A	N/A	N/A	N/A	
NATO: (Note 4)							
Augusta Bay	8,077	161,540			3,111	63,210	(R)
Norway	4,710	75,360	5,599	89,584	5,599	89,584	(R)
Souda Bay	2,332	46,640	8,609	172,180	5,036	100,723	(R)
SMCA (Note 5)							
Combined Total for:							
Hawthorne, NV	157,308	2,516,928	157,308	2,516,928	All DOD	All DOD	(R)
McAlester, OK	87,279	1,396,464	87,279	1,396,464	capacity	capacity	(R)
Crane, IN (CAAA)	287,216	4,595,456	287,216	4,595,456			(R)
Other	120,704	1,931,264	120,704	1,931,264			(R)

R

Naval Magazines:						
Guam	13,292	265,840	12,243	244,860	14,998	299,967
Lualualei (Note 6)	13,945	245,000	8,938	178,760	17,511	350,227
Strategic Missile Facilities (Note 1)	N/A	N/A	N/A	N/A	N/A	N/A
Other Fleet Activities:						
LANTFLT (Note 4)						
Brunswick, NAS	301	6,020	754	15,080	967	19,348
Guantanamo Bay, NAS	39	780	16	320	398	7,960
Guantanamo Bay, NS	6,783	129,464	3,562	65,044	6,384	24,784
Jacksonville, NAS	482	9,640	977	19,540	1,826	36,520
Keflavick, NS	752	15,040	1,137	22,734	1,336	26,730
Key West, NAS	110	2,200	182	3,640	2,157	47,149
Little Creek, NAB	539	10,780	357	7,140	431	8,617
Mayport, NS	88	1,760	88	1,760	771	15,427
New London, NSSF	550	11,000	199	3,980	907	18,149
Norfolk, NAS	192	3,840	192	3,840	2,033	40,658
Oceana, NAS	530	10,600	1,429	28,580	1,446	28,920
Panama Canal, NS	188	3,760	552	11,040	686	13,725
Roosevelt Roads, NS	4,627	92,540	4,653	93,061	9,927	198,536
NAVEUR						
Rota, NS	7,866	145,028	9,482	177,348	6,690	121,508
Sigonella, NAF	230	4,600	8,609	172,180	520	10,397
PACFLT (Note 4)						
Atsugi, NAF	10	200	72	1,440	352	7,040

(R)

(R)

(R)

Identification N00024

Naval Magazines:							
Guam	13,292	265,840	12,243	244,860	14,998	299,967	(R)
Lualualei (Note 6)	13,945	245,000	8,938	178,760	34,311	686,227	(R)
Strategic Missile Facilities (Note 1)	N/A	N/A	N/A	N/A	N/A	N/A	
Other Fleet Activities:							(R)
LANTFLT (Note 4)							(R)
Brunswick, NAS	301	6,020	754	15,080	967	19,348	(R)
Guantanamo Bay, NAS	39	780	16	320	398	7,960	(R)
Guantanamo Bay, NS	6,783	129,464	3,562	65,044	6,384	24,784	(R)
Jacksonville, NAS	482	9,640	977	19,540	1,826	36,520	(R)
Keflavick, NS	752	15,040	1,137	22,734	1,336	26,730	(R)
Key West, NAS	110	2,200	182	3,640	2,157	47,149	(R)
Little Creek, NAB	539	10,780	357	7,140	431	8,617	(R)
Mayport, NS	88	1,760	No projections	No projections	771	15,427	(R)
New London, NSSF	550	11,000	199	3,980	907	18,149	(R)
Norfolk, NAS	192	3,840	192	3,840	2,033	40,658	(R)
Oceana, NAS	530	10,600	1,429	28,580	1,446	28,920	(R)
Panama Canal, NS	188	3,760	552	11,040	686	13,725	(R)
Roosevelt Roads, NS	4,627	92,540	4,653	93,061	9,927	198,536	(R)
NAVEUR							(R)
Rota, NS	7,866	145,028	9,482	177,348	6,690	121,508	(R)
Sigonella, NAF	0	0	No projections	No projections	520	10,397	(R)

R

Diego Garcia, NAF	353	7,060	1,036	20,720	693	13,854
El Centro, NAF	399	7,980	399	7,980	538	10,766
Fallon, NAS	942	18,840	612	12,240	1,004	20,085
Lemoore, NAS	305	6,100	278	5,560	994	18,882
Miramar, NAS	266	5,320	266	5,320	805	16,094
Misawa, NAF	168	3,360	2,322	46,440	413	8,250
North Island, NAS	468	9,360	2,192	43,810	3,361	67,218
Okinawa, FLEACTS	5,388	91,280	9,022	163,960	7,071	124,936
Pohang NAVFORKOR	4,088	81,760	2,870	57,400	5,950	119,000
San Diego NSB	699	13,980	235	4,700	517	10,340
Sasebo, FLEACTS	41,023	767,656	30,377	554,736	31,560	578,390
Whidbey Island, NAS	359	7,180	264	5,200	1,148	22,964
Yechon, NAVFORKOR	376	27,520	2,612	52,240	3,039	60,788
Yokosuka, FLEACTS	4,102	82,040	2,948	58,960	5,629	112,570
Naval Technical Centers (Note 7)						
NSWC Crane	19,086	378,612	19,086	378,612	10,943	218,856
NSWC Dahlgren	2,095	41,900	2,095	41,900	5,757	115,143
NSWC Indian Head	6,590	131,800	6,590	131,800	9,551	191,011
NUWC Keyport	9,327	186,540	9,327	186,540	20,500	410,000
EODTD Indian Hd	151	3,020	175	3,500	403	8,067

(R)

Identification N00024

PACFLT (Note 4)							(R)
Atsugi, NAF	10	200	72	1,440	352	7,040	(R)
Diego Garcia, NAF	353	7,060	1,036	20,720	693	13,854	(R)
El Centro, NAF	399	7,980	399	7,980	538	10,766	(R)
Fallon, NAS	942	18,840	612	12,240	1,004	20,085	(R)
Lemoore, NAS	305	6,100	278	5,560	994	18,882	(R)
Miramar, NAS	266	5,320	266	5,320	805	16,094	(R)
Misawa, NAF	168	3,360	2,322	46,440	413	8,250	(R)
North Island, NAS	468	9,360	2,192	43,810	3,361	67,218	(R)
Okinawa, FLEACTS	5,388	91,280	9,022	163,960	7,071	124,936	(R)
Pohang NAVFORKOR	4,088	81,760	2,870	57,400	5,950	119,000	(R)
San Diego NSB	699	13,980	235	4,700	517	10,340	(R)
Sasebo, FLEACTS	41,023	767,656	30,377	554,736	31,560	578,390	(R)
Whidbey Island, NAS	359	7,180	264	5,200	1,148	22,964	(R)
Yechon, NAVFORKOR	376	27,520	2,612	52,240	3,039	60,788	(R)
Yokosuka, FLEACTS	4,102	82,040	2,948	58,960	5,629	112,570	(R)
Naval Technical Centers (Note 7)							(R)
NSWC Crane	19,086	378,612	19,086	378,612	11,098	218,856	(R)
NSWC Dahlgren	2,095	41,900	2,095	41,900	5,757	115,143	(R)
NSWC Indian Head	6,590	131,800	6,590	131,800	9,551	191,011	(R)
NUWC Keyport	9,327	186,540	9,327	186,540	20,500	410,000	(R)
EODTD Indian Hd	151	3,020	175	3,500	403	8,067	(R)

R

Barking Sands	109	2,180	109	2,180	497	9,935	(R)
China Lake, NAWC	1,253	25,060	1,253	25,060	3,408	68,150	(R)
Patuxent River, NAS	777	15,540	777	15,540	1,336	26,727	(R)
Point Mugu, PMTF	330	6,600	72	1,440	1,143	22,854	(R)
CNET Training Activities: (Note 4)							
Corpus Christi, NAS	28	560	28	560	458	9,165	(R)
Pensacola, NAS	46	920	46	920	372	7,431	(R)
Damnock, FCTC	83	1,660	83	1,660	303	6,063	(R)
Marine Corps: MCAS							
Beaufort, MCAS	458	9,160	977	19,540	881	17,610	(R)
Cherry Point, MCAS	719	14,380	2,345	46,900	1,462	29,240	(R)
Iwakuni, MCAS	874	17,480	1,044	20,880	1,620	32,401	(R)
Kaneohe Bay, MCAS	821	16,420	306	6,120	2,091	41,821	
Yuma, MCAS	896	17,920	1,209	24,180	1,277	25,535	(R)
Pendleton, MCC	1,537	25,988	1,537	25,988	2,169	34,711	
Lejuene, MCC	2,033	32,528	2,033	32,528	4,505	72,083	
Quantico, MCCDC	317	5,072	317	5,072	1,558	24,941	
29 Palms, MCAGCC	3,187	52,186	3,187	52,186	3,955	63,288	
Pipeline:	35,047	N/A	38,664	N/A	N/A	N/A	

Identification N00024

Marine Corps: MCAS							(R)
Beaufort, MCAS	934	18,680	977	19,540	881	17,610	(R)
Cherry Point, MCAS	917	18,340	2,345	46,900	1,462	29,240	(R)
Iwakuni, MCAS	1,387	27,740	1,044	20,880	1,620	32,401	(R)
Kaneohe Bay, MCAS	821	16,420	306	6,120	2,091	41,821	(R)
Yuma, MCAS	891	17,880	1,209	24,180	1,277	25,535	(R)
Pendleton, MCC	1,537	25,988	1,537	25,988	2,169	34,711	(R)
Lejuene, MCC	2,033	32,528	2,033	32,528	4,505	72,083	(R)
Quantico, MCCDC	317	5,072	317	5,072	1,558	24,941	(R)
29 Palms, MCAGCC	3,187	52,186	3,187	52,186	3,955	63,288	(R)
Pipeline:	35,047	N/A	38,664	N/A	N/A	N/A	(R)

R

Features and Capabilities

3. Storage Requirements

3.1 What is your total current and predicted Weapons Storage Requirement in Tons and Square Footage? Subtotal by category, consistent with Table 1.1.

Table 3.1: Storage Requirement

Category	Tons	Square Feet
Weapons Stations: Current:	126,280	2,511,035
Year 2001:	189,666	3,751,437
Operational Afloat Units: Current:	80,468	1,609,360
(Note 3) Year 2001:	65,468	1,309,360
Maritime Preposition Ships: Current:	31,176	623,520
(Note 8) Year 2001:	31,176	623,520
NATO: Current:	15,119	283,540
(Note 4) Year 2001:	14,208	261,764
SMCA: Current:	652,507	10,440,112
(Note 5) Year 2001:	652,507	10,440,112
Naval Magazines: Current:	27,237	510,840
(Note 6) Year 2001:	21,181	423,620
Strategic Missile Facilities: Current:	N/A	N/A
(Note 1) Year 2001:	N/A	N/A
Other Fleet Activities: Current:	82,223	1,576,688
(Note 4) Year 2001:	87,694	1,665,493

(R)

(R)

(R)

(R)

(R)

(R)

Features and Capabilities

3. Storage Requirements

3.1 What is your total current and predicted Weapons Storage Requirement in Tons and Square Footage? Subtotal by category, consistent with Table 1.1.

Table 3.1: Storage Requirement

Category	Tons	Square Feet	
Weapons Stations: Current:	126,280	2,511,035	
Year 2001:	189,666	3,751,437	(R)
Afloat Units: Current:	95,356	1,907,120	
(Note 3) Year 2001:	70,356	1,407,120	(R)
NATO: Current:	15,119	283,540	
(Note 4) Year 2001:	14,208	261,764	(R)
SMCA: Current:	652,507	10,440,112	
(Note 5) Year 2001:	652,507	10,440,112	(R)
Naval Magazines: Current:	27,237	510,840	
(Note 6) Year 2001:	21,181	423,620	(R)
Strategic Missile Facilities:	N/A	N/A	
Current:	N/A	N/A	
(Note 1) Year 2001:			
Other Fleet Activities:	81,993	1,572,088	
Current:	78,997	1,492,053	(R)
(Note 4) Year 2001:			
Naval Technical Centers:			
Current:	37,249	741,872	
Year 2001:	37,273	742,352	(R)
(Note 7)			

R

Naval Technical Centers:			
Current:	39,718	791,252	(R)
Year 2001:	37,345	743,792	(R)
(Note 7)			
CNET Training Activities:			
Current:	157	3140	(R)
(Note 4) Year 2001:	157	3140	(R)
Marine Corps: Current:	10,842	191,134	(R)
Year 2001:	12,955	233,394	
Pipeline: Current:	35,047	N/A	
(Note 2) Year 2001:	38,664	N/A	

NOTES FOR TABLES 1.1, 2.1 AND 3.1

1. This report does not include Strategic Missile Facilities which have reported separately.
2. "Pipeline", for the purposes of this report, has been defined as ordnance material in transit between storage sites. Historically, 10 to 15% of active stocks are in transit at any one time. No "Predicted Inventory" or "Max Rated" data can be derived, since no storage implications can be made. Hence, this data is best used as a measure of stockpile volatility, but should not be added to the other "Present Inventory" data listed in the tables. The Conventional Ammunition Integrated Management System (CAIMS) is the inventory management data base for most Department of Navy ammunition. Since CAIMS keeps material that is being shipped by one storage site in that command's account until formally receipted for by the receiving command, double counting of "Present Inventory" and "Pipeline" would occur. This would result in an artificially inflated amount of tonnage appearing to be in the total inventory.
3. Data broken out by ship is not applicable to data call intent. Rolled up data is provided in table 1.1, Predicted Inventory" is based on the worst-case scenario of a 300-ship Navy in Year 2001. "Max Capacity" is based on the current 407 ships being fully loaded at the same time. This is an artificial figure. All ships are never fully loaded at the same time because many platforms are in overhaul, or in a maintenance availability or stand down period at any given time. Other ships just have not been able to top off their load after expending training ammunition or other similar reasons.
4. Some fleet activities, CNET training sites, and the NATO site at Augusta Bay do not have an established load plan high level which has been used in this data call as the "Predicted Inventory" amount. Until the Non-nuclear Ordnance Requirements (NNOR) model is updated, (based on revised defense guidance and new fleet load plans created in response) no new load plan requirements for these sites will be established. Even so, most of these sites that do not have a load plan are not suitable as operational logistics sites. They are too small to operate efficiently or not located close enough to the operating forces, the primary customers. Hence, they have limited ordnance

Marine Corps: Current:	12,024	214,834	
Year 2001:	12,955	233,394	(R)
Pipeline: Current:	35,047	N/A	
(Note 2) Year 2001:	38,664	N/A	(R)

NOTES FOR TABLES 1.1, 2.1 AND 3.1

1. This report does not include Strategic Missile Facilities which have reported separately.
2. "Pipeline", for the purposes of this report, has been defined as ordnance material in transit between storage sites. Historically, 10 to 15% of active stocks are in transit at any one time. No "Predicted Inventory" or "Max Rated" data can be derived, since no storage implications can be made. Hence, this data is best used as a measure of stockpile volatility, but should not be added to the other "Present Inventory" data listed in the tables. The Conventional Ammunition Integrated Management System (CAIMS) is the inventory management data base for most Department of Navy ammunition. Since CAIMS keeps material that is being shipped by one storage site in that command's account until formally received for by the receiving command, double counting of "Present Inventory" and "Pipeline" would occur. This would result in an artificially inflated amount of tonnage appearing to be in the total inventory. (R)
3. Data broken out by ship is not applicable to data call intent. Rolled up data is provided in table 1.1, Predicted Inventory" is based on the worst-case scenario of a 300-ship Navy in Year 2001. "Max Capacity" is based on the current 407 ships being fully loaded at the same time. This is an artificial figure. All ships are never fully loaded at the same time because many platforms are in overhaul, or in a maintenance availability or stand down period at any given time. Other ships just have not been able to top off their load after expending training ammunition or other similar reasons. (R)
4. Some fleet activities and the NATO site at Augusta Bay do not have an established load plan high level which has been used in this data call as the "Predicted Inventory" amount. Until the Non-nuclear Ordnance Requirements (NNOR) model is updated, (based on revised defense guidance and new fleet load plans created in response) no new load plan requirements for these sites will be established. Hence, "Present Inventory" is the best measure of "Predicted Inventory". Additionally, where some sites show "Present Inventory" as significantly larger than "Predicted Inventory", several operational reasons have created this transient condition. Temporary storage of local training ammunition or stock held for further transfer are typical reasons. Additionally, some stocks are maldistributed and are awaiting redistribution. (R)

R

logistics value and are used to store relatively small quantities of training or research, development, test and evaluation munitions and explosives. Hence, "Present Inventory" is the best measure of "Predicted Inventory". Additionally, where some sites show "Present Inventory" as significantly larger than "Predicted Inventory", several operational reasons have created this transient condition. Temporary storage of local training ammunition or stock held for further transfer are typical reasons. Additionally, some stocks are maldistributed and are awaiting redistribution. Where predicted inventory exceeds current maximum rated, additional military construction or continued use of NATO ally / host country capacity will be needed to support future load plan requirements.

(R)

5. The Single Manager for Conventional Ammunition (SMCA) has responsibility for storage of all DOD services "deep stow" and large amounts of CONUS sustainment stock. Projections of storage requirements are done on a year-to-year basis only. Since reserve stock is shipped inland to these sites from the coastal commands at the same time thousands of tons of obsolescent material is being disposed of at the SMCA sites, accurate prediction of total amounts on hand beyond a year ahead is not possible. The DON stocks at the major SMCA storage sites at Hawthorne, NV, McAlester, OK, and Crane, IN are broken out in the table 2.1. Smaller amounts of stock at 15 other SMCA sites in CONUS are rolled up together for convenience. "Max Capacity" is not determinable since these facilities are shared by all services on a first-come-first-serve basis.

6. Additional 10,500 S/Ts of U. S. Army ordnance is stored at NAVMAG Lualualei, occupying 284,800 square feet. The U. S. Army has an Inter-Service Agreement (being renegotiated) to store a maximum of 21,000 S/Ts of ordnance at NMLLL which would occupy 336,000 square feet. Since this submission totals only Navy and Marine Corps requirements, portions committed to other Services are not included in the tables. (R)

7. No load plan has been established. Hence, no "Predicted Inventory" other than current on hand can be determined at this time. The Naval Technical Center portion shown at Crane is that stored in the NSWC controlled facilities. The Army controlled portion is shown under the SMCA listing.

8. Data broken out by ship is not applicable to data call intent. The total ordnance load requirement (and equivalent shore magazine space required to store) of all 13 Marine Corps Preposition Ships are listed in tables 1.1 and 3.1. (R)

5. The Single Manager for Conventional Ammunition (SMCA) has responsibility for storage of all DOD services "deep stow" and large amounts of CONUS sustainment stock. Projections of storage requirements are done on a year-to-year basis only. Since reserve stock is shipped inland to these sites from the coastal commands at the same time thousands of tons of obsolescent material is being disposed of at the SMCA sites, accurate prediction of total amounts on hand beyond a year ahead is not possible. The DON stocks at the major SMCA storage sites at Hawthorne, NV, McAlester, OK, and Crane, IN are broken out in the table 2.1. Smaller amounts of stock at 15 other SMCA sites in CONUS are rolled up together for convenience. "Max Capacity" is not determinable since these facilities are shared by all services on a first-come-first-serve basis. (R)

6. Additional 10,500 S/Ts of U. S. Army ordnance is stored at NAVMAG Lualualei, occupying 284,800 square feet. The U. S. Army has an Inter-Service Agreement (being renegotiated) to store a maximum of 21,000 S/Ts of ordnance at NMLLL which would occupy 336,000 square feet. (R)

7. No Naval Technical Center has a load plan established. Hence, no "Predicted Inventory" other than current on hand can be determined at this time. Portion shown here at Crane is that stored in the NSWC controlled facilities. The Army controlled portion is shown under the SMCA listing. (R)

Features and Capabilities

3. Storage Requirements, continued - See attached sheet for NAVORDCEN sites data.

3.2 What is your total Weapons Storage Requirement by ordnance commodity type in Tons and Square Footage?

Table 3.2: Storage Requirements

Ordnance Commodity Type	Tons	Square Feet
Mines		
Torpedoes		
Air Launched Threat		
Surface Launched Threat		
Other Threat (specify)		
Expendables		
INERT		
CADS / PADS		
Strategic Nuclear		
Tactical Nuclear		
LOE: Rockets		
LOE: Bombs		
LOE: Gun Ammo (20mm-16")		
LOE: Small Arms (up to 50 cal)		
LOE: Pyro / Demo		
Grenades / Mortars / Projectiles		
Other (specify)		

3. Storage Requirements, continued

TABLE 3.2 STORAGE REQUIREMENTS

Ordnance Commodity Type	PRESENT INVENTORY		PREDICTED INVENTORY	
	SQ FT	TONS	SQ FT	TONS
Mines	27,502	1,120	257,305	9,056
Torpedoes	149,577	6,722	302,757	14,623
Air Launched Threat	288,118	11,665	507,273	20,504
Surface Launched Threat	367,301	7,771	571,365	12,080
Other Threat	55,765	1,255	157,920	3,553
Expendables	26,515	1,310	136,804	2,982
INERT	47,978	5,874	79,901	10,885
CADs/PADs	19,457	10	29,625	15
LOE: Rockets	56,475	10,792	85,669	16,447
LOE: Bombs	224,643	25,441	300,101	51,412
LOE: Gun Ammo	652,749	23,578	728,125	27,131
LOE: Small Arms	473,719	7,059	579,635	8,955
LOE: Pyro/Demo	104,788	10,685	159,447	15,246
Grenades/Mortars/Projectiles	34,717	2,565	46,295	3,395
Other	11,769	288	13,608	2,247

Features and Capabilities

4. Conversion Factors

4.1 List below the conversion factors used for each type of ordnance.

Table 4.1: Conversion Factors

ORDNANCE TYPE	CONVERSION FACTORS	
	UNITS to SQ FT	SQ FT to TONS
Mines	30.49	.0344
Torpedoes	52.63	.0391
Air Launched Threat	13.33	.0487
Surface Launched Threat	46.95	.0190
Other Threat (specify)	133.33	.0225
Expendables	0.45	.0494
INERT	Varies	Greatly
CADS / PADS	0.005	.0005
Strategic Nuclear	N/A	N/A
Tactical Nuclear	N/A	N/A
LOE: Rockets	0.82	0.1921
LOE: Bombs	1.38	0.1263
LOE: Gun Ammo (20mm-16")	0.165	0.1345
LOE: Small Arms (up to 50 cal)	0.001	0.0987
LOE: Pyro / Demo	0.10	0.1112
Grenades / Mortars / Projectiles	0.10	0.0735
Other (specify)	-----	-----

¹ Based on Optimal Lot Central Stowage in most Efficient Magazine, does not violate maximum allowable stacking heights.

² Safety constraints are not computed into this factor.

³ Those conversion factors cannot be used in making inferences to mission unique or individual activities.

⁴ Based on average of all items in that category.

1
2
3
4

Features and Capabilities, continued

5. Interservicing Candidates

5.1 Specify all depot and/or industrial workload programs performed by any activity within this category that are possible candidates for interservicing, *both* in to and out from the activity. Provide detailed supporting data for your recommendations.

Maintenance (I and D level) of ordnance and missile stock items, components, shipping containers, ordnance test and calibration, handling equipment, and rolling stock items are industrial workload categories that are most efficiently performed on-site at the Naval Weapons Stations. Inventory costs to the government would be reduced by keeping a higher percentage of items in a ready for issue condition. Transportation costs would be lowered since the items are already at the stations for receipt, segregation, storage, and issue. The stations have resident expertise in these areas since they are providing in-service engineering, logistics and technical support on these types of items already.

6. Organization

6.1 Can the depot/industrial level workload be transferred to other sources such as other Navy activities, interservice to other DoD entities, or outsourced to commercial activities? Identify all applicable considerations to your recommendations.

Depot level work on ordnance and missile items is in most cases now being done by commercial sources or the Army. Explosive arc storage and operating buildings are required when warheads or loaded motors are being worked. The weapons stations would be an ideal location for more of this workload because they have land and operation buildings with explosive arcs and they have daily interface with the ultimate customers - fleet operating units.

6. Organization, continued (See Attached Sheet)

6.2 Identify the funding levels for each type of ordnance workload performed, for the Fiscal Years requested. Break out by appropriation type, including non-DON workload.

Table 6.2: Ordnance Program Funding

Program Element		Appropriation (\$ K)				
		OMN	WPN	OPN	Other DON (specify)	Non-DON (specify)
Stowage	1993					
	1994					
Outload	1993					
	1994					
Maintenance & Testing	1993					
	1994					
Manufacturing	1993					
	1994					
In-Service Engineering	1993					
	1994					
Technical Support	1993					
	1994					
Totals:	1993					
	1994					

SEE ATTACHED CHART.

WEAPONS STATIONS FY 94 NEW FUNDING (\$000)

Appropriation	Stowage & Outload	Maintenance & Testing	Manufacture & Assembly	ISEA	Technical Support	Total
O&MN	78996	59353	3042	13044	47896	202331
O&MNR					1127	1127
WPN		12641	1009	5998	13145	32793
OPN		1364	86	2311	9923	13684
SCN		1661	522	1012	21116	24311
APN		1599		2254	2166	6019
RDT&EN		4393		390	9847	14630
Misc Navy	8		81		105	194
Marine Corps		5669			90	5759
Family Housing						0
Army	1276	245		770	1353	3644
Air Force	2	2763	47	50	531	3393
DBOF	10190	6378	1610	2428	7202	27808
Other Govt		312		116	771	1199
FMS		3326	319	4793	16777	25215
Private Party	40	227		6	99	372
Total	90512	99931	6716	33172	132148	362479

Features and Capabilities, continued

7. Core Requirements

7.1 Given the current programmed configuration and operation for these activities, provide the projected Core Workload, Directed workload, Core "Plus" Workload, and Workload required to be retained to meet the Secretary of the Navy's Title 10 responsibilities. Within each Fiscal Year (FY) requested, provide your response in Units of throughput (where applicable) and Direct Labor Man Hours (DLMHs) for the categories in the following Tables. Core workload includes all Core work performed for other Military Departments (please specify such work within each commodity category).

- Core workload calculations are to be performed in accordance with the Office of the Under Secretary of Defense (Logistics) (OUSD(L)) Memorandum dated 15 November 1993 (subject: "Policy for Maintaining Core Depot Maintenance Capability").
- Directed workload includes: Foreign Military Sales (FMS); Low Quantity Non-Core; Low Quantity Above Core; Best Value; Engineering Support; and Last Source of Repair. Directed workload is tabulated in Section 7.2, following.
- Core-Plus workload is the sum of Core workload and Directed workload.
- Title 10 workload is that portion of Core workload that must be retained within the Department of the Navy in order to meet the Secretary of the Navy's Title 10 responsibilities.

Table 7.1.a: Workload Requirements FY 1993

<i>FY 1993</i> Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	11.2	---	11.2	11.2
Mine Components	5.3	---	5.3	5.3
Missile Components	62.3	---	62.3	62.3
Handling and Support Eq.	56.9	---	56.9	56.9
Containers	12.7	--	12.7	12.7
Other - Test Equipment	121.9	---	121.9	121.9
Total:	270.3	0	270.3	270.3

NOTE: Commodity Type "Other Test Equipment" in this section relates to calibration of test equipment used in conjunction with the maintenance and testing of weapon systems, fleet RADIAC equipment, shipboard gauge and electronic test equipment.

7. Core Requirements, continued

Table 7.1.b: Workload Requirements FY 1994

FY 1994 Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	27.8	---	27.8	27.8
Mine Components	6.6	---	6.6	6.6
Missile Components	37.4	---	37.4	37.4
Handling and Support Eq.	87.2	---	87.2	87.2
Containers	17.8	---	17.8	17.8
Other - Test Equipment	130.3	---	130.3	130.3
Total:	307.2	0	307.2	307.2

Table 7.1.c: Workload Requirements FY 1995

<i>FY 1995</i> Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	33.2	---	33.2	33.2
Mine Components	6.0	---	6.0	6.0
Missile Components	21.0	---	21.0	21.0
Handling and Support Eq.	87.2	--	87.2	87.2
Containers	16.9	---	16.9	16.9
Other - Test Equipment	127.0	---	127.0	127.0
Total:	291.3	0	291.3	291.3

7. Core Requirements, continued

Table 7.1.d: Workload Requirements FY 1996

<i>FY 1996</i> Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	31.5	---	31.5	31.5
Mine Components	5.0	---	5.0	5.0
Handling and Support Eq.	91.4	---	91.4	91.4
Containers	16.5	4.5	21.0	16.5
Other - Test Equipment	129.0	---	129.0	129.0
Total:	273.4	4.5	277.9	273.4

Table 7.1.e: Workload Requirements FY 1997

<i>FY 1997</i> Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	30.2	---	30.2	30.2
Mine Components	5.0	---	5.0	5.0
Handling and Support Eq.	89.4	---	89.4	89.4
Containers	16.3	4.5	20.8	16.3
Other - Test Eq.	129.5	---	129.5	129.5
Total:	270.4	4.5	274.9	270.4

7. Core Requirements, continued

Table 7.1.f: Workload Requirements FY 1998

<i>FY 1998</i> Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	30.4	---	30.4	30.4
Mine Components	5.0	---	5.0	5.0
Handling and Support Eq.	89.4	---	89.4	89.4
Containers	16.3	4.5	20.8	16.3
Other - Test Eq.	129.5	---	129.5	129.5
Total:	270.6	4.5	275.1	270.6

Table 7.1.g: Workload Requirements FY 1999

<i>FY 1999</i> Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	29.6	---	29.6	29.6
Mine Components	5.0	---	5.0	5.0
Handling and Support Eq.	89.4	---	89.4	89.4
Containers	16.3	4.5	20.8	16.3
Other - Test Eq.	129.6	---	129.6	129.6
Total:	269.9	4.5	274.4	269.9

7. Core Requirements, continued

Table 7.1.h: Workload Requirements FY 2000

<i>FY 2000</i> Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	24.1	---	24.1	24.1
Mine Components	5.0	---	5.0	5.0
Handling and Support Eq.	89.4	---	89.4	89.4
Containers	16.3	4.5	20.8	16.3
Other - Test Eq.	129.6	---	129.6	129.6
Total:	264.4	4.5	268.9	264.4

Table 7.1.i: Workload Requirements FY 2001

<i>FY 2001</i> Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	17.2	---	17.2	17.2
Mine Components	5.0	---	5.0	5.0
Handling and Support Eq.	89.4	---	89.4	89.4
Containers	16.3	4.5	20.8	16.3
Other - Test Eq.	129.6	---	129.6	129.6
Total:	257.5	4.5	262.0	257.5

7. Core Requirements, continued

7.2 Given the current programmed configuration and operation of these activities, provide the projected Directed Workload. Within each Fiscal Year (FY) requested, provide your response in units throughput (where available) and Direct Labor Man Hours (DLMHs) for the categories requested.

- Foreign Military Sales (FMS) include airframe, engine and component maintenance and manufacturing support.
- Modifications (Mods) include only those modifications performed concurrently with scheduled depot level work packages constituting Core workload.
- Low Quantity Non-Core (LQNC) is that Non-Core workload with insufficient programmed quantity for competition. This category also includes above threshold Core workload for weapons systems which have a total projected workload greater than the computed core quantity (above core workload).
- Best Value (BV) includes items that have been offered for maintenance under competitive rules and no offerer has provided a bid that is equal to or better than the value provided by a current organic source.
- Engineering Support (Engr) consists of Engineering Support to field, modify, operate, and maintain weapon systems (i.e. RCM analysis, defining maintenance intervals, developing maintenance concepts, modification management, industrial support, investigations, bulletins and flight safety, and environmental issues).
- Last Source of Repair (LSOR) comprises Non-Core workload which has been offered for maintenance under competitive rules and no offerer has provided a bid, and for which a workload requirement exists and the organic depot is the only remaining source of repair.

None of the Weapons Stations are performing any of these types of depot maintenance.

7. Core Requirements, continued

Table 7.2.a: Directed Workloads - FY 1993

FY 1993 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 1993 Total:							

Table 7.2.b: Directed Workloads - FY 1994

FY 1994 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 1994 Total:							

7. Core Requirements, continued

Table 7.2.c: Directed Workloads - FY 1995

FY 1995 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 1995 Total:							

Table 7.2.d: Directed Workloads - FY 1996

FY 1996 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 1996 Total:							

7. Core Requirements, continued

Table 7.2.e: Directed Workloads - FY 1997

FY 1997 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 1997 Total:							

Table 7.2.f: Directed Workloads - FY 1998

FY 1998 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 1998 Total:							

7. Core Requirements, continued

Table 7.2.g: Directed Workloads - FY 1999

FY 1999 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 1999 Total:							

Table 7.2.h: Directed Workloads - FY 2000

FY 2000 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 2000 Total:							

Identification: _____

Activity Listing

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

Headquarters Listing:

For Type:	Title:
WEAPONS STATIONS	Commander, Naval Sea Systems Command
NAVAL MAGAZINES	Commander in Chief, U.S. Pacific Fleet
STRATEGIC MISSILE FACILITIES	Director, Strategic Systems Projects Office

MAJOR CLAIMANT PORTION - DC 25 REVISION
NAVSEASYS.COM.

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

~~NAME (Please type or print)~~

~~Commander~~

~~Naval Sea Systems Command~~

~~Title~~

~~Activity~~

Signature

8/27/94

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)

W. A. EARNER

NAME (Please type or print)

Signature

Title

Date

MAJOR CLAIMANT PORTION -- DC 25 REVISION
NAVAL SEA SYSTEMS COMMAND

Identification: N00024

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

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

COMMANDER
Title

NAVAL ORDNANCE CENTER
Activity


Signature
8/24/94
Date

DATA CALL 25 MAJOR CLAIMANT PORTION
NAVSEA SYSCOM

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

NAME (Please type or print)

Signature

G. R. STERNER

Commander

Title Naval Sea Systems Command

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

Date

Identification: N00024

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

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

COMMANDER
Title

NAVAL ORDNANCE CENTER
Activity

Revision to Data Call 25, Major Claimant Portion


Signature
9/14/94
Date

Complete Revised Data Call

1 July, 1994

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

*See Complete
Revision*

Questions for the Major Owner / Operator

Category

Sub-category

**Industrial Activities
Naval Weapons Stations,
Naval Magazines, and
Strategic Missile Facilities**

Claimants

**COMNAVSEASYS COM - Naval Weapon Stations
CINCPACFLT - Naval Magazines (on U.S. territory)
DIRSSP - Strategic Missile Facilities**

The Major Owner/Operator questions will be answered by the Major Claimant/Systems Commander.

Identification: Nas074

CAPACITY DATA CALL

NAVWPNSTAs, NAVMAGs, and STRATEGIC MISSILE FACILITIES

Questions for the Major Owner / Operator (Headquarters):

Major Owner / Operator Short Title: Naval Sea Systems Command (NAVORDCEN)

Major Owner / Operator Primary UIC: N00024

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

Features and Capabilities

1. Total Inventory

1.1 Provide the present inventories and the maximum rated capacities of all weapons storage locations within your claimancy. Present and Predicted Inventories' SF should report only that necessary to accommodate those inventories. The Maximum Rated SF values will indicate total square footage available.

Table 1.1: Total Inventory Capability

Category of Facility	PRESENT INVENTORY		PREDICTED INVENTORY (FY 2001)		MAX RATED	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
Weapons Stations	128,756	2,499,500	194,289	3,834,251	221,273	4,173,716
Afloat Units						*
NATO						
SMCA						
Naval Magazines						
Strategic Missile Facilities						
Other Fleet Activities						
Marine Corps						
Pipeline						
TOTAL	128,756	2,499,500	194,289	3,834,251	221,273	4,173,716

* Provide shore storage equivalency.

- Present inventory based upon SF required to safely and efficiently store tonnage on hand. Reflects recent efforts to remove obsolete and demil items from valuable coastal sites.
- Predicted inventory is based upon load plan storage needs developed in conjunction with the fleets.
- Max rated capabilities reflect storage capacity expected to be available in 2001 after completion of MCON currently in FYDP, plus availability of POMFLANT assets for general weapons storage.

3 R 6/30/94

Identification: N00024

2. Activity Breakout

2.1 For each category of facility for which you identified input in Table 1.1, identify below the Activities which comprise your response and their individual characteristics.

Table 2.1: Activity Breakout by Category

(R)

Activities within each Category	PRESENT INVENTORY		PREDICTED INVENTORY (FY 2001)		MAX RATED	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
WPNSTA'S:						
Charleston	26,547	338,475	38,114	485,954	62,824	801,000
Earle	15,490	283,586	30,000	642,194	26,400	570,194
Yorktown	24,724	553,410	29,861	723,943	31,025	686,408
Concord	21,831	376,606	43,446	714,720	50,653	829,104
Fallbrook	22,227	459,766	23,436	501,214	26,898	573,981
Port Hadlock	7,692	151,709	12,293	242,407	9,110	189,210
Seal Beach	10,245	335,948	17,139	523,819	14,363	523,819
Afloat Units:						
NATO:						
SMCA:						
Naval Magazines:						
Strategic Missile Facilities:						
Other Fleet Activities:						
Marine Corps:						
Pipeline:						

4 R 6/30/94

Features and Capabilities

3. Storage Requirements

3.1 What is your total current and predicted Weapons Storage Requirement in Tons and Square Footage? Subtotal by category, consistent with Table 1.1.

Table 3.1: Storage Requirement

Category	Tons	Square Feet
Weapons Stations: Current:	116,134	2,541,073
Year 2001:	198,530	3,955,829
Afloat Units:		
NATO:		
SMCA:		
Naval Magazines:		
Strategic Missile Facilities:		
Other Fleet Activities:		
Marine Corps:		
Pipeline		

Identification: N00024

Features and Capabilities

3. Storage Requirements, continued - See attached sheet.

3.2 What is your total Weapons Storage Requirement by ordnance commodity type in Tons and Square Footage?

Table 3.2: Storage Requirements

Ordnance Commodity Type	Tons	Square Feet
Mines		
Torpedoes		
Air Launched Threat		
Surface Launched Threat		
Other Threat (specify)		
Expendables		
INERT		
CADS / PADS		
Strategic Nuclear		
Tactical Nuclear		
LOE: Rockets		
LOE: Bombs		
LOE: Gun Ammo (20mm-16")		
LOE: Small Arms (up to 50 cal)		
LOE: Pyro / Demo		
Grenades / Mortars / Projectiles		
Other (specify)		

3. Storage Requirements, continued

Ordnance Commodity Type	PRESENT INVENTORY		PREDICTED INVENTORY	
	SQ. FT	TONS	SQ. FT	TONS
Mines	27502	1120	257305	9056
Torpedoes	149577	6722	302757	14623
Air Launched Threat	288118	11665	507273	20504
Surface Launched Threat	367301	7771	571365	12080
Other Threat	55765	1255	157920	3553
Expendables	26515	1310	136804	2982
INERT	47978	5874	79901	10885
CADs/PADs	19457	10	29625	15
LOE: Rockets	56475	10792	85669	16447
LOE: Bombs	224643	25441	300101	51412
LOE: Gun Ammo	652749	23578	728125	27131
LOE: Small Arms	473719	7059	579635	8955
LOE: Pyro/Demo	104788	10685	159447	15246
Grenades/Mortars/Projectiles	34717	2565	46295	3395
Other	11769	288	13608	2247

Features and Capabilities

4. Conversion Factors

4.1 List below the conversion factors used for each type of ordnance.

Table 4.1: Conversion Factors

ORDNANCE TYPE	CONVERSION FACTORS	
	UNITS to SQ FT	SQ FT to TONS
Mines	30.49	.0344
Torpedoes	52.63	.0391
Air Launched Threat	13.33	.0487
Surface Launched Threat	46.95	.0190
Other Threat (specify)	133.33	.0225
Expendables	0.45	.0494
INERT	Varies	Greatly
CADS / PADS	0.005	.0005
Strategic Nuclear	N/A	N/A
Tactical Nuclear	N/A	N/A
LOE: Rockets	0.82	0.1921
LOE: Bombs	1.38	0.1263
LOE: Gun Ammo (20mm-16")	0.165	0.1345
LOE: Small Arms (up to 50 cal)	0.001	0.0987
LOE: Pyro / Demo	0.10	0.1112
Grenades / Mortars / Projectiles	0.10	0.0735
Other (specify)	-----	-----

¹ Based on Optimal Lot Central Stowage in most Efficient Magazine, does not violate maximum allowable stacking heights.

² Safety constraints are not computed into this factor.

³ Those conversion factors cannot be used in making inferences to mission unique or individual activities.

⁴ Based on average of all items in that category.

1
2
3
4

Identification: N00024

Features and Capabilities, continued

5. Interservicing Candidates

5.1 Specify all depot and/or industrial workload programs performed by any activity within this category that are possible candidates for interservicing, *both* in to and out from the activity. Provide detailed supporting data for your recommendations.

Maintenance (I and D level) of ordnance and missile stock items, components, shipping containers, ordnance test and calibration, handling equipment, and rolling stock items are industrial workload categories that are most efficiently performed on-site at the Naval Weapons Stations. Inventory costs to the government would be reduced by keeping a higher percentage of items in a ready for issue condition. Transportation costs would be lowered since the items are already at the stations for receipt, segregation, storage, and issue. The stations have resident expertise in these areas since they are providing in-service engineering, logistics and technical support on these types of items already.

6. Organization

6.1 Can the depot/industrial level workload be transferred to other sources such as other Navy activities, interservice to other DoD entities, or outsourced to commercial activities? Identify all applicable considerations to your recommendations.

Depot level work on ordnance and missile items is in most cases now being done by commercial sources or the Army. Explosive arc storage and operating buildings are required when warheads or loaded motors are being worked. The weapons stations would be an ideal location for more of this workload because they have land and operation buildings with explosive arcs and they have daily interface with the ultimate customers - fleet operating units.

Identification: N00024

6. Organization, continued (See Attached Sheet)

6.2 Identify the funding levels for each type of ordnance workload performed, for the Fiscal Years requested. Break out by appropriation type, including non-DON workload.

Table 6.2: Ordnance Program Funding

Program Element FY		Appropriation (\$ K)				
		OMN	WPN	OPN	Other DON (specify)	Non-DON (specify)
Stowage	1993					
	1994					
Outload	1993					
	1994					
Maintenance & Testing	1993					
	1994					
Manufacturing	1993					
	1994					
In-Service Engineering	1993					
	1994					
Technical Support	1993					
	1994					
Totals:	1993					
	1994					

SEE ATTACHED CHART.

WEAPONS STATIONS FY 94 NEW FUNDING (\$000)

Appropriation	Stowage & Outload	Maintenance & Testing	Manufacture & Assembly	ISEA	Technical Support	Total
O&MN	78996	59353	3042	13044	47896	202331
O&MNR					1127	1127
WPN		12641	1009	5998	13145	32793
OPN		1364	86	2311	9923	13684
SCN		1661	522	1012	21116	24311
APN		1599		2254	2166	6019
RDT&EN		4393		390	9847	14630
Misc Navy	8		81		105	194
Marine Corps		5669			90	5759
Family Housing						0
Army	1276	245		770	1353	3644
Air Force	2	2763	47	50	531	3393
DBOF	10190	6378	1610	2428	7202	27808
Other Govt		312		116	771	1199
FMS		3326	319	4793	16777	25215
Private Party	40	227		6	99	372
Total	90512	99931	6716	33172	132148	362479

Features and Capabilities, continued

7. Core Requirements

7.1 Given the current programmed configuration and operation for these activities, provide the projected Core Workload, Directed workload, Core "Plus" Workload, and Workload required to be retained to meet the Secretary of the Navy's Title 10 responsibilities. Within each Fiscal Year (FY) requested, provide your response in Units of throughput (where applicable) and Direct Labor Man Hours (DLMHs) for the categories in the following Tables. Core workload includes all Core work performed for other Military Departments (please specify such work within each commodity category).

- Core workload calculations are to be performed in accordance with the Office of the Under Secretary of Defense (Logistics) (OUSD(L)) Memorandum dated 15 November 1993 (subject: "Policy for Maintaining Core Depot Maintenance Capability").
- Directed workload includes: Foreign Military Sales (FMS); Low Quantity Non-Core; Low Quantity Above Core; Best Value; Engineering Support; and Last Source of Repair. Directed workload is tabulated in Section 7.2, following.
- Core-Plus workload is the sum of Core workload and Directed workload.
- Title 10 workload is that portion of Core workload that must be retained within the Department of the Navy in order to meet the Secretary of the Navy's Title 10 responsibilities.

Identification: N00024

Table 7.1.a: Workload Requirements FY 1993

FY 1993 Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	11.2	---	11.2	11.2
Mine Components	5.3	---	5.3	5.3
Missile Components	62.3	---	62.3	62.3
Handling and Support Eq.	56.9	---	56.9	56.9 (R)
Containers	12.7	--	12.7	12.7
Other - Test Equipment	121.9	---	121.9	121.9
Total:	270.3	0	270.3	270.3 (R)

NOTE: Commodity Type "Other Test Equipment" in this section relates to calibration of test equipment used in conjunction with the maintenance and testing of weapon systems, fleet RADIAC equipment, shipboard gauge and electronic test equipment.

Identification: N00024

7. Core Requirements, continued

Table 7.1.b: Workload Requirements FY 1994

FY 1994 Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	27.8	---	27.8	27.8
Mine Components	6.6	---	6.6	6.6
Missile Components	37.4	---	37.4	37.4
Handling and Support Eq.	87.2	---	87.2	87.2
Containers	17.8	---	17.8	17.8
Other - Test Equipment	130.3	---	130.3	130.3
Total:	307.2	0	307.2	307.2

(R)

(R)

Identification: N00024

Table 7.1.c: Workload Requirements FY 1995

FY 1995 Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	33.2	---	33.2	33.2
Mine Components	6.0	---	6.0	6.0
Missile Components	21.0	---	21.0	21.0
Handling and Support Eq.	87.2	--	87.2	87.2
Containers	16.9	---	16.9	16.9
Other - Test Equipment	127.0	---	127.0	127.0
Total:	291.3	0	291.3	291.3

(R)

(R)

Identification: N00024

7. Core Requirements, continued

Table 7.1.d: Workload Requirements FY 1996

FY 1996 Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	31.5	---	31.5	31.5
Mine Components	5.0	---	5.0	5.0
Handling and Support Eq.	91.4	---	91.4	91.4
Containers	16.5	4.5	21.0	16.5
Other - Test Equipment	129.0	---	129.0	129.0
Total:	273.4	4.5	277.9	273.4

(R)

(R)

Table 7.1.e: Workload Requirements FY 1997

FY 1997 Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	30.2	---	30.2	30.2
Mine Components	5.0	---	5.0	5.0
Handling and Support Eq.	89.4	---	89.4	89.4
Containers	16.3	4.5	20.8	16.3
Other - Test Eq.	129.5	---	129.5	129.5
Total:	270.4	4.5	274.9	270.4

(R)

(R)

Identification: N00024

7. Core Requirements, continued

Table 7.1.f: Workload Requirements FY 1998

FY 1998 Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	30.4	---	30.4	30.4
Mine Components	5.0	---	5.0	5.0
Handling and Support Eq.	89.4	---	89.4	89.4
Containers	16.3	4.5	20.8	16.3
Other - Test Eq.	129.5	---	129.5	129.5
Total:	270.6	4.5	275.1	270.6

(R)

(R)

Table 7.1.g: Workload Requirements FY 1999

FY 1999 Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	29.6	---	29.6	29.6
Mine Components	5.0	---	5.0	5.0
Handling and Support Eq.	89.4	---	89.4	89.4
Containers	16.3	4.5	20.8	16.3
Other - Test Eq.	129.6	---	129.6	129.6
Total:	269.9	4.5	274.4	269.9

(R)

(R)

Identification: N00024

7. Core Requirements, continued

Table 7.1.h: Workload Requirements FY 2000

FY 2000 Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	24.1	---	24.1	24.1
Mine Components	5.0	---	5.0	5.0
Handling and Support Eq.	89.4	---	89.4	89.4
Containers	16.3	4.5	20.8	16.3
Other - Test Eq.	129.6	---	129.6	129.6
Total:	264.4	4.5	268.9	264.4

Table 7.1.i: Workload Requirements FY 2001

FY 2001 Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	17.2	---	17.2	17.2
Mine Components	5.0	---	5.0	5.0
Handling and Support Eq.	89.4	---	89.4	89.4
Containers	16.3	4.5	20.8	16.3
Other - Test Eq.	129.6	---	129.6	129.6
Total:	257.5	4.5	262.0	257.5

Identification: N00024

7. Core Requirements, continued

7.2 Given the current programmed configuration and operation of these activities, provide the projected Directed Workload. Within each Fiscal Year (FY) requested, provide your response in units throughput (where available) and Direct Labor Man Hours (DLMHs) for the categories requested.

- Foreign Military Sales (FMS) include airframe, engine and component maintenance and manufacturing support.
- Modifications (Mods) include only those modifications performed concurrently with scheduled depot level work packages constituting Core workload.
- Low Quantity Non-Core (LQNC) is that Non-Core workload with insufficient programmed quantity for competition. This category also includes above threshold Core workload for weapons systems which have a total projected workload greater than the computed core quantity (above core workload).
- Best Value (BV) includes items that have been offered for maintenance under competitive rules and no offerer has provided a bid that is equal to or better than the value provided by a current organic source.
- Engineering Support (Engr) consists of Engineering Support to field, modify, operate, and maintain weapon systems (i.e. RCM analysis, defining maintenance intervals, developing maintenance concepts, modification management, industrial support, investigations, bulletins and flight safety, and environmental issues).
- Last Source of Repair (LSOR) comprises Non-Core workload which has been offered for maintenance under competitive rules and no offerer has provided a bid, and for which a workload requirement exists and the organic depot is the only remaining source of repair.

None of the Weapons Stations are performing any of these types of depot maintenance.

Identification: N000227

7. Core Requirements, continued

Table 7.2.a: Directed Workloads - FY 1993

FY 1993 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 1993 Total:							

Table 7.2.b: Directed Workloads - FY 1994

FY 1994 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 1994 Total:							

Identification: N00024

7. Core Requirements, continued

Table 7.2.c: Directed Workloads - FY 1995

FY 1995 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 1995 Total:							

Table 7.2.d: Directed Workloads - FY 1996

FY 1996 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 1996 Total:							

Identification: N00024

7. Core Requirements, continued

Table 7.2.e: Directed Workloads - FY 1997

FY 1997 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 1997 Total:							

Table 7.2.f: Directed Workloads - FY 1998

FY 1998 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 1998 Total:							

Identification: N00024

7. Core Requirements, continued

Table 7.2.g: Directed Workloads - FY 1999

FY 1999 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 1999 Total:							

Table 7.2.h: Directed Workloads - FY 2000

FY 2000 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 2000 Total:							

Identification: N00024

Activity Listing

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

Headquarters Listing:

For Type:	Title:
WEAPONS STATIONS	Commander, Naval Sea Systems Command
NAVAL MAGAZINES	Commander in Chief, U.S. Pacific Fleet
STRATEGIC MISSILE FACILITIES	Director, Strategic Systems Projects Office

NAVAL SEA SYSTEMS COMMAND - DC 25 MAJOR CLAIMANT PORTION R

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

NEXT ECHELON LEVEL (if applicable)

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

NAME (Please type or print)

Signature

7-7-94

Date

Title

Naval Sea Systems Command

Activity

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

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

J. B. GREENE, JR.

NAME (Please type or print)

Signature

ACTING

11 JUL 1994

Date

Title

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

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

JCRobertson CAPT, SC, USN
Signature

ACTING COMMANDER
Title

1 JULY 1994
Date

NAVAL ORDNANCE CENTER
Activity

*See Revised
Data call*

3 June, 1994

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

Questions for the Major Owner / Operator

Category

Industrial Activities

Sub-category

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

Claimants

**COMNAVSEASYSKOM - Naval Weapon Stations
CINCPACFLT - Naval Magazines (on U.S. territory)
DIRSSP - Strategic Missile Facilities**

The Major Owner/Operator questions will be answered by the Major Claimant/Systems Commander.

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

1. Base your responses for FY 1994 and previous years on executed workload, and for FY 1995 and subsequent years on workload as programmed. Unless otherwise specified, use workload mixes as programmed. In estimating projected workload capabilities, use the Activity's configuration as of completion of implementation of the BRAC-88/91/93 actions.
2. Report Direct Labor Man Hours (DLMHs) in thousands of Man Hours, to the nearest tenth, e.g. 32.2 K DLMHs. Use single shift operations (1-8-5) as the basis for your calculations. Report in specified units of throughput and Direct Labor Man Hours (DLMHs). Please identify any processes which, under normal operations, operate on a different schedule.
3. Utilize the tables provided to answer each question. Answer the questions for all of the commodity groups that are applicable to your activity.
4. For purposes of this Data Call, Depot maintenance is regarded as the maintenance performed on material that requires major overhaul or a complete rebuild of parts, assemblies, subassemblies, and end items, including the manufacture of parts, modifications, testing, and reclamation, as required. Depot maintenance serves to support lower categories of maintenance. Depot maintenance provides stocks of serviceable equipment by using more extensive facilities for repair than are available in lower level maintenance activities. Depot or indirect maintenance functions are identified by the type of equipment maintained or repaired.

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

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

Notes:

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

Commodity Groups List

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

COMMODITY GROUPS LIST (CON'T)

11. Sea Systems

Ships

Weapons Systems

12. Software

Tactical Systems

Support Equipment

13. Special Interest Items

Bearings Refurbishment

Calibration (Type I)

TMDE

14. Other

JCSG-DM: Maintenance and Industrial Activities

CAPACITY DATA CALL
NAVWPNSTAs, NAVMAGs, and STRATEGIC MISSILE FACILITIES

Questions for the Major Owner / Operator:

Table of Contents

Table of Acronyms	2	
Features and Capabilities	3	
.....1.		Total
.....2.		Activ
.....3.		Stora
.....4.		Conv
.....5.		Inter
.....6.		Orga
.....7.		Core

Table of Acronyms

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

Identification: _____

CAPACITY DATA CALL

NAVWPNSTAs, NAVMAGs, and STRATEGIC MISSILE FACILITIES

Questions for the Major Owner / Operator (Headquarters):

Major Owner / Operator Short Title: Naval Sea Systems Command (NAVORDCEN)

Major Owner / Operator Primary UIC: N00024

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

Features and Capabilities

1. Total Inventory

1.1 Provide the present inventories and the maximum rated capacities of all weapons storage locations within your claimancy. Present and Predicted Inventories' SF should report only that necessary to accommodate those inventories. The Maximum Rated SF values will indicate total square footage available.

Table 1.1: Total Inventory Capability

Category of Facility	PRESENT INVENTORY		PREDICTED INVENTORY (FY 2001)		MAX RATED	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
Weapons Stations	128,283	2,621,848	197,564	3,950,950	196,404	4,092,378
Afloat Units						*
NATO						
SMCA						
Naval Magazines						
Strategic Missile Facilities						
Other Fleet Activities						
Marine Corps						
Pipeline						
TOTAL	128,283	2,621,848	197,564	3,950,950	196,404	4,092,378

* Provide shore storage equivalency.

Predicted inventories are based upon load plan storage needs developed in conjunction with the fleets

Identification: _____

2. Activity Breakout

2.1 For each category of facility for which you identified input in Table 1.1, identify below the Activities which comprise your response and their individual characteristics.

Table 2.1: Activity Breakout by Category

Activities within each Category	PRESENT INVENTORY		PREDICTED INVENTORY (FY 2001)		MAX RATED	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
WPNSTA'S:						
Charleston	26,547	530,940	35,148	702,960	35,000	744,542
Earle	15,494	279,086	30,000	570,194	26,400	570,194
Yorktown	24,724	553,410	29,861	723,943	31,025	686,408
Concord	21,831	376,606	48,426	714,720	50,210	824,204
Fallbrook	22,306	461,170	25,796	554,001	25,794	554,001
Port Hadlock	7,152	84,688	11,210	161,313	13,628	189,210
Seal Beach	10,229	335,948	17,123	523,819	14,347	523,819
Afloat Units:						
NATO:						
SMCA:						
Naval Magazines:						
Strategic Missile Facilities:						
Other Fleet Activities:						
Marine Corps:						
Pipeline:						

Predicted inventories based upon load plan needs by site, developed in conjunction with the fleets.

Identification: _____

Features and Capabilities

3. Storage Requirements

3.1 What is your total current and predicted Weapons Storage Requirement in Tons and Square Footage? Subtotal by category, consistent with Table 1.1.

Table 3.1: Storage Requirement

Category	Tons	Square Feet
Weapons Stations: Current:	116,134	2,541,073
Year 2001:	198,530	3,955,829
Afloat Units:		
NATO:		
SMCA:		
Naval Magazines:		
Strategic Missile Facilities:		
Other Fleet Activities:		
Marine Corps:		
Pipeline		

Identification: _____

Features and Capabilities

3. Storage Requirements, continued - See attached sheet.

3.2 What is your total Weapons Storage Requirement by ordnance commodity type in Tons and Square Footage?

Table 3.2: Storage Requirements

Ordnance Commodity Type	Tons	Square Feet
Mines		
Torpedoes		
Air Launched Threat		
Surface Launched Threat		
Other Threat (specify)		
Expendables		
INERT		
CADS / PADS		
Strategic Nuclear		
Tactical Nuclear		
LOE: Rockets		
LOE: Bombs		
LOE: Gun Ammo (20mm-16")		
LOE: Small Arms (up to 50 cal)		
LOE: Pyro / Demo		
Grenades / Mortars / Projectiles		
Other (specify)		

3. Storage Requirements, continued

Ordnance Commodity Type	PRESENT INVENTORY		PREDICTED INVENTORY	
	SQ. FT	TONS	SQ. FT	TONS
Mines	27502	1120	257305	9056
Torpedoes	149577	6722	302757	14623
Air Launched Threat	288118	11665	507273	20504
Surface Launched Threat	367301	7771	571365	12080
Other Threat	55765	1255	157920	3553
Expendables	26515	1310	136804	2982
INERT	47978	5874	79901	10885
CADs/PADs	19457	10	29625	15
LOE: Rockets	56475	10792	85669	16447
LOE: Bombs	224643	25441	300101	51412
LOE: Gun Ammo	652749	23578	728125	27131
LOE: Small Arms	473719	7059	579635	8955
LOE: Pyro/Demo	104788	10685	159447	15246
Grenades/Mortars/Projectiles	34717	2565	46295	3395
Other	11769	288	13608	2247

Identification: _____

Features and Capabilities

4. Conversion Factors

4.1 List below the conversion factors used for each type of ordnance.

Table 4.1: Conversion Factors

ORDNANCE TYPE	CONVERSION FACTORS	
	UNITS to SQ FT	SQ FT to TONS
Mines	30.49	.0344
Torpedoes	52.63	.0391
Air Launched Threat	13.33	.0487
Surface Launched Threat	46.95	.0190
Other Threat (specify)	133.33	.0225
Expendables	0.45	.0494
INERT	Varies	Greatly
CADS / PADS	0.005	.0005
Strategic Nuclear	N/A	N/A
Tactical Nuclear	N/A	N/A
LOE: Rockets	0.82	0.1921
LOE: Bombs	1.38	0.1263
LOE: Gun Ammo (20mm-16")	0.165	0.1345
LOE: Small Arms (up to 50 cal)	0.001	0.0987
LOE: Pyro / Demo	0.10	0.1112
Grenades / Mortars / Projectiles	0.10	0.0735
Other (specify)	-----	-----

Based on Optimal Lot Central Stowage in most Efficient Magazine, does not violate maximum allowable stacking heights.

Safety constraints are not computed into this factor.

Those conversion factors cannot be used in making inferences to mission unique or individual activities.

Based on average of all items in that category.

Identification: _____

Features and Capabilities, continued

5. Interservicing Candidates

5.1 Specify all depot and/or industrial workload programs performed by any activity within this category that are possible candidates for interservicing, *both* in to and out from the activity. Provide detailed supporting data for your recommendations.

Maintenance (I and D level) of ordnance and missile stock items, components, shipping containers, ordnance test and calibration, handling equipment, and rolling stock items are industrial workload categories that are most efficiently performed on-site at the Naval Weapons Stations. Inventory costs to the government would be reduced by keeping a higher percentage of items in a ready for issue condition. Transportation costs would be lowered since the items are already at the stations for receipt, segregation, storage, and issue. The stations have resident expertise in these areas since they are providing in-service engineering, logistics and technical support on these types of items already.

6. Organization

6.1 Can the depot/industrial level workload be transferred to other sources such as other Navy activities, interservice to other DoD entities, or outsourced to commercial activities? Identify all applicable considerations to your recommendations.

Depot level work on ordnance and missile items is in most cases now being done by commercial sources or the Army. Explosive arc storage and operating buildings are required when warheads or loaded motors are being worked. The weapons stations would be an ideal location for more of this workload because they have land and operation buildings with explosive arcs and they have daily interface with the ultimate customers - fleet operating units.

Identification: _____

6. Organization, continued (See Attached Sheet)

6.2 Identify the funding levels for each type of ordnance workload performed, for the Fiscal Years requested. Break out by appropriation type, including non-DON workload.

Table 6.2: Ordnance Program Funding

Program Element		Appropriation (\$ K)				
		OMN	WPN	OPN	Other DON (specify)	Non-DON (specify)
Stowage	1993					
	1994					
Outload	1993					
	1994					
Maintenance & Testing	1993					
	1994					
Manufacturing	1993					
	1994					
In-Service Engineering	1993					
	1994					
Technical Support	1993					
	1994					
Totals:	1993					
	1994					

SEE ATTACHED CHART.

WEAPONS STATIONS FY 94 NEW FUNDING (\$000)

Appropriation	Stowage & Outload	Maintenance & Testing	Manufacture & Assembly	ISEA	Technical Support	Total
O&MN	78996	59353	3042	13044	47896	202331
O&MNR					1127	1127
WPN		12641	1009	5998	13145	32793
OPN		1364	86	2311	9923	13684
SCN		1661	522	1012	21116	24311
APN		1599		2254	2166	6019
RDT&EN		4393		390	9847	14630
Misc Navy	8		81		105	194
Marine Corps		5669			90	5759
Family Housing						0
Army	1276	245		770	1353	3644
Air Force	2	2763	47	50	531	3393
DBOF	10190	6378	1610	2428	7202	27808
Other Govt		312		116	771	1199
FMS		3326	319	4793	16777	25215
Private Party	40	227		6	99	372
Total	90512	99931	6716	33172	132148	362479

Identification: _____

Features and Capabilities, continued

7. Core Requirements

7.1 Given the current programmed configuration and operation for these activities, provide the projected Core Workload, Directed workload, Core "Plus" Workload, and Workload required to be retained to meet the Secretary of the Navy's Title 10 responsibilities. Within each Fiscal Year (FY) requested, provide your response in Units of throughput (where applicable) and Direct Labor Man Hours (DLMHs) for the categories in the following Tables. Core workload includes all Core work performed for other Military Departments (please specify such work within each commodity category).

- Core workload calculations are to be performed in accordance with the Office of the Under Secretary of Defense (Logistics) (OUSD(L)) Memorandum dated 15 November 1993 (subject: "Policy for Maintaining Core Depot Maintenance Capability").
- Directed workload includes: Foreign Military Sales (FMS); Low Quantity Non-Core; Low Quantity Above Core; Best Value; Engineering Support; and Last Source of Repair. Directed workload is tabulated in Section 7.2, following.
- Core-Plus workload is the sum of Core workload and Directed workload.
- Title 10 workload is that portion of Core workload that must be retained within the Department of the Navy in order to meet the Secretary of the Navy's Title 10 responsibilities.

Identification: _____

Table 7.1.a: Workload Requirements FY 1993

FY 1993 Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	11.2	---	11.2	11.2
Mine Components	5.3	---	5.3	5.3
Missile Components	62.3	---	62.3	62.3
Handling and Support Eq.	24.8	---	24.8	24.8
Containers	12.7	--	12.7	12.7
Other - Test Equipment	121.9	---	121.9	121.9
Total:	238.2	0	238.2	238.2

NOTE: Commodity Type "Other Test Equipment" in this section relates to calibration of test equipment used in conjunction with the maintenance and testing of weapon systems, fleet RADIAC equipment, shipboard gauge and electronic test equipment.

Identification: _____

7. Core Requirements, continued

Table 7.1.b: Workload Requirements FY 1994

FY 1994 Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	27.8	---	27.8	27.8
Mine Components	6.6	---	6.6	6.6
Missile Components	37.4	---	37.4	37.4
Handling and Support Eq.	58.7	---	58.7	58.7
Containers	17.8	---	17.8	17.8
Other - Test Equipment	130.3	---	130.3	130.3
Total:	278.7	0	278.7	278.7

Identification: _____

Table 7.1.c: Workload Requirements FY 1995

FY 1995 Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	33.2	---	33.2	33.2
Mine Components	6.0	---	6.0	6.0
Missile Components	21.0	---	21.0	21.0
Handling and Support Eq.	58.7	--	58.7	58.7
Containers	16.9	---	16.9	16.9
Other - Test Equipment	127.0	---	127.0	127.0
Total:	262.8	0	262.8	262.8

Identification: _____

7. Core Requirements, continued

Table 7.1.d: Workload Requirements FY 1996

<i>FY 1996</i> Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	31.5	---	31.5	31.5
Mine Components	5.0	---	5.0	5.0
Handling and Support Eq.	58.7	---	58.7	58.7
Containers	16.5	4.5	21.0	16.5
Other - Test Equipment	129.0	---	129.0	129.0
Total:	240.7	4.5	245.2	240.7

Table 7.1.e: Workload Requirements FY 1997

<i>FY 1997</i> Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	30.2	---	30.2	30.2
Mine Components	5.0	---	5.0	5.0
Handling and Support Eq.	58.7	---	58.7	58.7
Containers	16.3	4.5	20.8	16.3
Other - Test Eq.	129.5	---	129.5	129.5
Total:	239.7	4.5	244.2	239.7

Identification: _____

7. Core Requirements, continued

Table 7.1.f: Workload Requirements FY 1998

<i>FY 1998</i> Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	30.4	---	30.4	30.4
Mine Components	5.0	---	5.0	5.0
Handling and Support Eq.	58.7	---	58.7	58.7
Containers	16.3	4.5	20.8	16.3
Other - Test Eq.	129.5	---	129.5	129.5
Total:	239.9	4.5	244.4	239.9

Table 7.1.g: Workload Requirements FY 1999

<i>FY 1999</i> Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	29.6	---	29.6	29.6
Mine Components	5.0	---	5.0	5.0
Handling and Support Eq.	58.7	---	58.7	58.7
Containers	16.3	4.5	20.8	16.3
Other - Test Eq.	129.6	---	129.6	129.6
Total:	239.2	4.5	243.7	239.2

Identification: _____

7. Core Requirements, continued

Table 7.1.h: Workload Requirements FY 2000

<i>FY 2000</i> Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	24.1	---	24.1	24.1
Mine Components	5.0	---	5.0	5.0
Handling and Support Eq.	58.7	---	58.7	58.7
Containers	16.3	4.5	20.8	16.3
Other - Test Eq.	129.6	---	129.6	129.6
Total:	233.7	4.5	238.2	233.7

Table 7.1.i: Workload Requirements FY 2001

<i>FY 2001</i> Commodity Type	Core Workload (DLMHs) (000)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Ordnance	17.2	---	17.2	17.2
Mine Components	5.0	---	5.0	5.0
Handling and Support Eq.	58.7	---	58.7	58.7
Containers	16.3	4.5	20.8	16.3
Other - Test Eq.	129.6	---	129.6	129.6
Total:	226.8	4.5	231.3	226.8

Identification: _____

7. Core Requirements, continued

7.2 Given the current programmed configuration and operation of these activities, provide the projected Directed Workload. Within each Fiscal Year (FY) requested, provide your response in units throughput (where available) and Direct Labor Man Hours (DLMHs) for the categories requested.

- Foreign Military Sales (FMS) include airframe, engine and component maintenance and manufacturing support.
- Modifications (Mods) include only those modifications performed concurrently with scheduled depot level work packages constituting Core workload.
- Low Quantity Non-Core (LQNC) is that Non-Core workload with insufficient programmed quantity for competition. This category also includes above threshold Core workload for weapons systems which have a total projected workload greater than the computed core quantity (above core workload).
- Best Value (BV) includes items that have been offered for maintenance under competitive rules and no offerer has provided a bid that is equal to or better than the value provided by a current organic source.
- Engineering Support (Engr) consists of Engineering Support to field, modify, operate, and maintain weapon systems (i.e. RCM analysis, defining maintenance intervals, developing maintenance concepts, modification management, industrial support, investigations, bulletins and flight safety, and environmental issues).
- Last Source of Repair (LSOR) comprises Non-Core workload which has been offered for maintenance under competitive rules and no offerer has provided a bid, and for which a workload requirement exists and the organic depot is the only remaining source of repair.

None of the Weapons Stations are performing any of these types of depot maintenance.

Identification: _____

7. Core Requirements, continued

Table 7.2.a: Directed Workloads - FY 1993

FY 1993 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 1993 Total:							

Table 7.2.b: Directed Workloads - FY 1994

FY 1994 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 1994 Total:							

Identification: _____

7. Core Requirements, continued

Table 7.2.c: Directed Workloads - FY 1995

FY 1995 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 1995 Total:							

Table 7.2.d: Directed Workloads - FY 1996

FY 1996 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 1996 Total:							

Identification: _____

7. Core Requirements, continued

Table 7.2.e: Directed Workloads - FY 1997

FY 1997 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 1997 Total:							

Table 7.2.f: Directed Workloads - FY 1998

FY 1998 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 1998 Total:							

Identification: _____

7. Core Requirements, continued

Table 7.2.g: Directed Workloads - FY 1999

FY 1999 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 1999 Total:							

Table 7.2.h: Directed Workloads - FY 2000

FY 2000 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
Ordnance							
FY 2000 Total:							

Identification: _____

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

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

COMMANDER
Title

NAVAL ORDNANCE CENTER
Activity



Signature
2 JUN 94

Date

Naval Sea Systems Command - DC 25 Major Claimant Portion

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

G. R. STEWART

NAME (Please type or print)

Signature

Title **Commander**

Date

Naval Sea Systems Command

Activity

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

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

J. B. Greene, Jr.

NAME (Please type or print)

Signature

Acting

Title

Date

10 Jun 1994

15 July 1994

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

Questions for the Headquarters

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

Notes: In the context of this data Call:

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

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

This document has been prepared in WordPerfect 5.1/5.2.

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

Table of Contents

Table of Acronyms..... 2

Mission Area..... 3

.....1.

Ordn

Table of Acronyms

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

ACTIVITY: _____

ACTIVITY: N00024

DATA CALL WORK SHEET FOR MILITARY VALUE ANALYSIS

**NAVAL WEAPONS STATIONS, NAVAL MAGAZINES,
AND STRATEGIC WEAPONS FACILITIES**

Questions for the Owner / Operator (Headquarters)

Primary Activity UIC: **N00024 NAVAL SEA SYSTEMS COMMAND**
(Use this number as Activity identification at the top of each page.)

Mission Area

1. Ordnance Storage

1.1 Identify the amount of approved ordnance storage exists at the weapon stations, magazines and strategic missile facilities under your cognizance. Report in Tons and square feet for the period requested.

Table 1.1.a: Ordnance Storage Summary

Storage Locations	Tons							
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Weapon Stations	175,824	182,627	188,008	188,473	191,263	191,263	192,193	192,193
Naval Air Stations								
Marine Corps Air Stations								
Naval Magazines								
Subtotal								
Other DoD								

ACTIVITY: _____

Storage Locations	Tons							
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Facilities								
Total	175,824	182,627	188,008	188,473	191,263	191,263	192,193	192,193
Strategic Missile Facilities								

ACTIVITY: _____

ACTIVITY: N00024

1. Ordnance Storage, continued

Table 1.1.b: Ordnance Storage Summary

Storage Locations	Square Feet (000)							
	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Weapon Stations	3,457.3	3,583.5	3,671.1	3,680.4	3,736.2	3,736.2	3,754.8	3,754.8
Naval Air Stations								
Marine Corps Air Stations								
Naval Magazines								
Subtotal								
Other DoD Facilities								
Total	3,457.3	3,583.5	3,671.1	3,680.4	3,736.2	3,736.2	3,754.8	3,754.8
Strategic Missile Facilities								

ACTIVITY: N00024

1. Ordnance Storage, continued

1.2 Identify what changes to the storage base or munition procurement accounts affect the data in the tables above.

The MILCON budgets are shrinking and the proportion of dollars spent on magazine construction relative to the total projected annual NAVSEA MILCON budgets is even less than before. Over half of the storage capacity is in the form of WWII vintage, arched-type magazines which are reaching their 50-year projected service life all at once.

At the same time, the mix of weapons in the stockpile is shifting from mostly palletized, level of effort (LOE) ordnance (e.g., bombs, gun ammunition, rockets, etc.) to a growing amount of larger, more sophisticated threat and precision-guided munitions (standard missiles, AMRAAM, JDAM, etc.) which are less dense than the traditional LOE munitions. On average, 12 square feet per ton in a magazine is used by LOE and 26 square feet per ton is used by threat weapons. Hence, more than twice as much of the available storage space is incumbered by each ton of these new weapons. In 1990, about 18% of the active stockpile (in tons) was made up of these more modern weapons. By FY 2001, this will grow to about 30%.

Lastly, the Army is seeking optional storage space for some of its more sophisticated weapons, and have approached Navy in various forums about the possibility of using coastal storage site to preposition some of these weapons.

It appears that without some form of replacement and modernization, Navy may be forced over time to disperse its material inland, away from its operating forces and create additional logistics delays in responding to crisis. The only other option is to store more modern weapons in the smaller, inefficient, arched-type magazine which creates much more difficulty in handling munitions.

Additionally, the number of ships afloat will be reduced to at least 330 ships, down from 450. This will cause a minimum of 15,000 short tons of additional ordnance material to be brought ashore from afloat magazines to be stored in coastal weapons station magazines over the next three years.

ACTIVITY: _____

ACTIVITY: N00024

1.3 What fraction of the available storage is currently in use for ordnance stowage?

Current use = 78 %

It must be understood that under safe and efficient storage guidelines, as stated in NAVSEAINST 8024.2, no more than 80% of the total magazine space can be taken up by ordnance material.

1.4 Identify what fraction of the available storage is planned for use in the Table below. Retain consistency with NAVSEAINST 8024.2.

Table 1.4: Fraction of Storage in Use

Storage Locations	FY 1990	FY 1991	FY 1992	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
Weapon Stations	70%	86%	88%	76%	78%	75%	81%	88%
Naval Air Stations								
Marine Corps Air Stations								
Naval Magazines								
Subtotal								
Other DOD Facilities								
Total								
Strategic Missile Facilities								

1.5 What changes to DoD 6055.9-STD affect the data in the table above?

NONE

ACTIVITY LISTING

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

HEADQUARTERS LISTING:

For Type:	Title
WEAPONS STATION	Commander, Naval Sea Systems Command
NAVAL MAGAZINE	Commander-In-Chief, Pacific Fleet
MISSILE FACILITY	Director, Strategic Systems Project Office

DATA CALL 46 - MAJOR CLAIMANT PORTION FOR NAVSEASYS COM

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

G. R. STERNER

NAME (Please type or print)

Signature

7/15/94

Title
**Commander
Naval Sea Systems Command**

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

7/26/94

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 BRAC95 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."

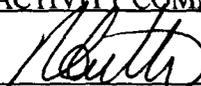
The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon, a certification executed by a competent subordinate.

Each individual in your activity generating information for the BRAG95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

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

ACTIVITY COMMANDER

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


Signature
14 JUL 94
Date

NAVAL ORDNANCE CENTER
Activity
DATA CALL 46 - MAJOR CLAIMANT PORTION
FOR NAVSEASYS COM