DCN 1349

CAPACITY ANALYSIS:
DATA CALL #4 WORK SHEET FOR
TECHNICAL CENTER or LABORATORY: NAVAL EXPLOSIVE ORDNANCE DISPOSAL TECHNOLOGY DIVISION

Table of Contents

**********If any responses are classified, attach a separate classified annex. **********

7 April 1994

1. Historical and Projected Workload. Use Tables 1.1, 1.2, 1.3 & 1.4 below to provide historical and currently projected workload data for your activity in terms of funding and workyears. Assume previous BRAC closures and realignments are implemented on schedule. Dollar amounts should be in then-year dollars. Workyears should be separated for in-house government efforts and on-site contractor work.

a. Use Table 1.1 to provide data on your site.

b. Use Table 1.2 to provide data on your Detachments that did not receive this Data Call directly. Compile the information from all of these Detachments into one table. Attach a list of the titles & UIC's of the Detachments included in the table.

c. For FY's 1993 thru 1997 provide a breakout of the "Total Funds Budgeted" line showing the appropriation and amounts of funding budgeted from your major customers. Major resource Sponsors are defined as, but not limited to, all systems commands, ONR, SSPO, CNO, FLT CINCs, Other DON, Other DOD by Department, Other Federal Government, All other. Use Table 1.3 to report this breakout for your site. Use Table 1.4 to report this breakout for your compiled Detachments that did not receive this Data Call directly. Provide separate tables for FY's 1993 thru 1997.

Use the following definitions when providing data for the tables below:

Workyears: Consistent with those used in the preparation of inputs to the President's budget.

In-House government efforts or In-House workyears: Includes both military and civil servant employees

On-Site Contractor workyears: Actual or estimated workyears performed by support contractors with workyears defined consistent with the definition used in the President's budget.

On-site Contractors: Those contractors that occupy space directly on the site on nearly a full time basis.

Total Funds Budgeted: The funds used as inputs to the President's Budget.

Civilian Personnel On-Board: Full Time Permanent employees (FTP).

Table 1.1 Historical and Projected Workload for NAVEODTECHDIV
(UIC N0464A)

Fiscal Year	Total Funds Budgeted ($K)	Total Funds Received w/o Direct Cite ($K)	Direct Cite Funds Received ($K)	Budgeted Wkyrs	Actual In-House Wkyrs	Actual Onsite Contract Wkyrs
86	57152	57152	0	210	210	0
87	92240	92240	0	250	225	0
88	112216	112216	0	240*	226*	0
89	88018	88018	0	262	233	2
90	81070	81070	0	247	239	3
91	58258	58258	6090	251	247	11.5
92	73445	73445	7254	267	263	12.5
93	43900**	43526	2168	265	263	18.5
94	43000			233**		
95	42700			233		
96	44500			233		
97	42000			233		

*Military workyears have not been accounted for. The workyears reflected are those consistent with the President's Budget. Over the years, this Command has averaged 65 military personnel onboard annually.

**Although we did not lose the Office of Special Technology billets and personnel until FY 94, most of the funding associated with this operation was transferred in FY 93.

Table 1.2 Historical and Projected Workload for Detachments of N/A UIC _____)

Fiscal Year	Total Funds Budgeted ($K)	Total Funds Received w/o Direct Cite ($K)	Direct Cite Funds Received ($K)	Budgeted Wkyrs	Actual In-House Wkyrs	Actual Onsite Contract Wkyrs
86						
87						
88						
89						
90						
91						
92						
93						
94						
95						
96						
97						

TABLE 1.3 FY 1994 BREAKOUT OF FUNDS BUDGETED for NAVEODTECHDIV
(UIC N0464A)

SPONSOR	RDT&E(N)							Other RDT& E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
ONR		4000													
NAVSEA				6900	5600	500			2900		1900				
NELO								1100	1200						
OSD			1500												
ARMY								12900							
OTHER NAVY														2500	
ALL OTHER															2000

TABLE 1.3 FY 1993 BREAKOUT OF FUNDS BUDGETED for NAVEODTECHDIV (UIC N0464A)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
ONR		4029													
NAVSEA				7000	5700	800			3709		3734				516
NELO								1345	1476		240				
OSD			1600					945							
ARMY								5149							2668
SPCC														1624	
USAF								105							1826
USMC															1137
INTELLIGENCE ACTIVITIES AND OTHER									60						237

N/A

TABLE 1.4 FY ___ BREAKOUT OF FUNDS BUDGETED for DETACHMENTS of _____
(UIC _____)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other

TABLE 1.3 FY 1995_ BREAKOUT OF FUNDS BUDGETED for NAVEODTECHDIV
(UIC N0464A)

SPONSOR	RDT&E(N)							Other RDT& E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
ONR		4050													
NAVSEA				6300	5600	800			2900		1500				
NELO								1100	1200						
ARMY								14000							
OTHER NAVY														2500	
ALL OTHER															2750

TABLE 1.3 FY 1996 BREAKOUT OF FUNDS BUDGETED for NAVEODTECHDIV (UIC N0464A)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriaton						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OM	APN	OPN	WPN	SCN	Other Navy	All Other
ONR		4300													
NAVSEA				6400	5800	1000			2200		4500				
NELO								1100	1200						
ARMY								14000							
OTHER NAVY														2000	
ALL OTHER															2000

TABLE 1.3 FY 1997 BREAKOUT OF FUNDS BUDGETED for NAVEODTECHDIV
(UIC N0464A)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
ONR		4400													
NAVSEA				6600	6200	1000			2000		1500				
NELO								1100	1200						
ARMY								14000							
OTHER NAVY														2000	
ALL OTHER															2000

2. Current Class 2 Assets. Complete Tables 2.1 thru 2.6 below as directed. Tables 2.1, 2.2 & 2.3 will define the Class 2 property owned or leased by your activity (less Detachments). Tables 2.4, 2.5 & 2.6 will define the combined Class 2 assets owned or occupied at your Detachment sites which did not receive this Data Call directly. Report space holdings and assignments as of 31 March 1994. Provide numbered notes to explain imminent changes, additions & deletions such as previous BRAC realignments, MILCON (including BRAC related MILCON) & Special Projects that are currently programmed in the FYDP. Give the project number & title, cost, short description, quantity of additional square footage, award date, estimated/actual construction start date and estimated BOD. Square footage of space is to be reported in "Gross Floor/Building Area" (GF/BA) as defined in NAVFAC P-80. Many of the P-80 Category Code Numbers (CCN's) have assets that are reported in units of measure other than square feet (SF). The only unit of measure desired for this Data Call is SF. Only report the assets in each CCN that are normally reported in SF.

For your Site:

a. Use Table 2.1 below to indicate the total amount of Class 2 space at your site for which you are the plant account holder as of 31 March 1994.

b. Use Table 2.2 below to indicate the total amount of your Class 2 space reported in Table 2.1 that is assigned to your tenant commands and/or independent activities at your site as of 31 March 1994.

c. Use Table 2.3 below to indicate the total amount of Class 2 space, for which you are not the plant account holder, but which is utilized/leased by you (less Detachments). Provide numbered notes to identify the title and UIC of the plant account holder/lessor, quantity of leased space and the associated lease cost.

Table 2.1 Main Site Class 2 Assets of N/A **(UIC** _____ **)**

Building type	NAVFAC (P-80) category code	Gross Floor/Building Area (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production	200				
Science labs	310				
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs	315				
Ammunition, Explosives, & Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities	600				
Housing & Community	700				
Utilities & Grounds	800				
Other					
	Totals				

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

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Table 2.2 Main Site Class 2 Space of N/A **(UIC** _____**)**
Assigned to Tenants

TENANT		NAVFAC (P-80) Category Code	GF/BA Assigned (KSF)
Name	**UIC**		
		Total:	

Table 2.3 Class 2 Space Utilized/Leased by NAVEODTECHDIV (UIC N0464A)

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100	55	1	-	56
Maintenance & Production	200	35	--	-	35
Science labs	310	2	3	-	5
Aircraft labs	311	-	--	-	-
Missile and Space labs	312	-	-	-	-
Ship and Marine labs	313	-	-	-	-
Ground Transportation labs	314	-	-	-	-
Weapon and Weapon Systems labs	315	-	-	-	-
Ammunition, Explosives, and Toxics labs	316	71	.6	-	71.6
Electrical Equip. labs	317	-	-	-	-
Propulsion labs	318	-	-	-	-
Miscellaneous labs	319	.8	.9	-	1.7
Underwater Equip. labs	320	5	-	-	5
Technical Services labs	321	.3	13	-	13.3
Supply Facilities	400	34	-	-	34
Hospital & other Medical	500	-	-	-	-
Administrative Facilities	600	59	-	2	61
Housing & Community	700	1	-	-	1
Utilities & Grounds	800	-	-	-	-
Other					
	Totals	263.1	18.5	2	283.6

*Plant account holder is IHDNSWC, UIC N00174.

(1) FACILITY TYPE/CODE: 600

(2) WHAT MAKES IT INADEQUATE? Building is WWII era, contains lead paint exterior and has irreparable flooring.

(3) WHAT USE IS BEING MADE OF THE FACILITY? Building will be demolished within the next month.

(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD? Costs are excessive; MILCON Project P-034 completion alleviated overcrowding issue and allowed for demolition of the building.

(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? None.

(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING: MILCON funding to be used to demolish the structure.

(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? No.

For your Detachment sites not receiving this Data Call directly:

e. Use Table 2.4 below to indicate the combined total amount of Class 2 space that is occupied by your Detachments for which you are the plant account holder as of 31 March 1994. Attach a list with the titles and UIC's of these Detachments.

f. Use Table 2.5 below to indicate the total amount of your Class 2 space reported in Table 2.4 that is assigned to tenant commands and/or independent activities as of 31 March 1994. Include numbered notes to indicate the Detachment site that hosts the tenant.

g. Use Table 2.6 below to indicate the combined total amount of Class 2 space utilized/leased by your Detachments for which you are not the plant account holder. Provide numbered notes to indicate the quantity of leased space and their associated rental cost.

Table 2.4 Class 2 Assets of N/A Occupied by Detachments

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production	200				
Science labs	310				
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs	315				
Ammunition, Explosives, and Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities	600				
Housing & Community	700				
Utilities & Grounds	800				
Other					
Totals					

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

Table 2.5 Class 2 Space at Detachment Sites of N/A (UIC _____)
Assigned to Tenants

TENANT		NAVFAC (P-80) Category Code	GF/BA (KSF) Assigned
Name	UIC		
		Total:	

Table 2.6 Class 2 Space Utilized/Leased by Detachments of N/A (UIC _____)

Building type	NAVFAC (P-80) category code	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total-
Operational & Training	100				
Maintenance & Production	200				
Science labs	310				
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs	315				
Ammunition, Explosives, and Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities	600				
Housing & Community	700				
Utilities & Grounds	800				
Other					
	Totals				

3. Class 2 Space Available for Expansion. An activity's expansion capability is a function of it's ability to reconfigure and/or expand existing facilities to accept new or increased roles. Such a reconfiguration may require rehabilitation or buildout of a space to support the new or expanded role. A space expansion could include converting an underutilized storage space into laboratory spaces, or buildout of a high bay area into a multifloor office/laboratory space. All questions refer to Class 2 property for which you are the plant account holder as of 31 March 1994. Do not report any currently programmed changes or additions previously reported in question #2 above. Expansion opportunities must follow the guidance of NAVFAC P-80 for the appropriate facility category code, as well as applicable fire and safety codes. Personnel loading density should not exceed those specified in the P-80. Space is only available if it is currently unoccupied or the current occupants are officially designated for relocation. Report space as Net Floor Area (NFA) as defined in the P-80. Do not include opportunities that are being reported by your Detachments who received this Data Call directly. Reported expansion opportunities must be able to accommodate the necessary ancillary facilities and equipment, such as adequate parking space, required to support the amount of people projected.

a. What is the maximum quantity of space that could be made available for expansion to accommodate other functions and/or increased efforts? Report in terms of the "Current NFA" as shown in Tables 3.1 & 3.2. _____ _____ SQFT.

b. How much of the space reported in question 3.a. above is currently available with minimal or no reconfiguration costs? Report in terms of the "Current NFA" as shown in Tables 3.1 & 3.2. _____ _ SQFT.

c. Use Table 3.1 below to indicate the constrained growth opportunities for accepting expanded or new roles. Constrained growth is defined as growth limited to buildings and structures currently on your Class 2 plant account. Add numbered notes to highlight and explain opportunities that require remediation or waiver of a restriction or encumbrance as part of the expansion. Provide lettered notes to clearly identify each opportunity with the title & UIC of the site it refers to. The "Current NFA (KSF)" column total should match the quantity provided in question #3.a. above. Annotate those opportunities that were used to obtain the answer to question #3.b. above. Report space once, do not use the same space for different expansion opportunities. Include in this table space that will become available once planned downsizing (separate from BRAC realignments) has been completed, provide the estimated completion date of the downsizing effort.

d. Use Table 3.2 below to indicate additional unconstrained growth opportunities for accepting expanded or new roles. Unconstrained growth allows for construction of new facilities on existing buildable Class 1 property. The only constraint being that the land must currently be on your plant account holdings as of 31 March 1994 and free of existing land use constraints. Limit new buildings to three stories. Add numbered notes to highlight and explain additional opportunities that would require remediation or waiver of a land use constraint as part of the expansion. Provide lettered notes to clearly identify each opportunity with the title & UIC of the site it refers to. Do not include space that has been reported in Table 3.1.

Table 3.1 Constrained Class 2 Space Available for Expansion at N/A
(UIC _____)

Building # / Category Code (3 digit)	Current NFA (KSF)	Additional Capacity Provided By Expansion		Height of High Bay (FT)	Estimated Cost of Rehab ($K's)
		NFA (KSF)	# of Personnel		
Totals					

Table 3.2 Unconstrained Class 2 Space Available for Expansion at N/A
(UIC _____)

Building # / Category Code (3 digit)	Current NFA (KSF)	Additional Capacity Provided By Expansion		Height of High Bay (FT)	Estimated Cost of Rehab ($K's)
		NFA (KSF)	# of Personnel		
Totals					

4. Class I Space Available for Expansion.

a. Identify in Table 4.1 below the real estate resources which have the potential to facilitate future development, and for which you are the plant account holder as of 31 March 1994, or into which, though a tenant, your activity could reasonably expect to expand. Complete a separate table for each individual site (i.e., main base, outlying airfields, special off-site areas, etc.) and Detachment that did not receive this Data Call directly. The unit of measure is acres. Developed area is defined as

land currently with buildings, roads, and utilities where further development is not possible without demolition of existing improvements. Include in "Restricted" acreage that is restricted for future development due to environmental constraints (e.g. wetlands, landfills, archaeological sites), operational restrictions (e.g. ESQD arcs, HERO, HERP, HERF, AICUZ, ranges) or cultural resources restrictions. Identify the reason for the restriction when providing the acreage in the table. Specify any entry in "Other" (e.g. submerged lands).

b. Are there any constraints such as parking, utilities, legal restrictions that limit the potential for using Undeveloped land for expansion?

c. Explain the radio frequency constraints/opportunities within your Class 1 holdings.

Class 1 Resources of N/A **(UIC: _____)**
Site Location: _____

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance				
Operational				
Training				
R & D				
Supply & Storage				
Admin				
Housing				
Recreational				
Navy Forestry Program				
Navy Agricultural Outlease Program				
Hunting/Fishing Programs				
Other				
Total:				

d. Of the total Unrestricted Acres reported above, how much of it has existing roads and/or utilities that could support expansion efforts? _____ Acres. Explain.

N/A

5. Base Infrastructure Capacity. Provide base infrastructure data as of 31 March 1994. Provide numbered notes to explain imminent changes, additions & deletions driven by previous BRAC realignments, MILCON (including BRAC related MILCON) & Special Projects that are currently programmed in the FYDP. Give the project number & title, cost, short description, quantity of additional square footage, award date, estimated/actual construction start date and estimated BOD.

a. Utilize Table 5.1 below to provide information on your activity's base infrastructure capacity and load. Do not report this information if you are a tenant activity.

Table 5.1 Base Infrastructure Capacity & Load

	On Base Capacity	Off base long term contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)				
Natural Gas (CFH)				
Sewage (GPD)				
Potable Water (GPD)				
Steam (PSI & lbm/Hr)				
Long Term Parking				
Short Term Parking				

b. Maintenance, Repair & Equipment Expenditure Data: Use Table 5.2 below to provide data on facilities and equipment expenditures at your activity. Project expenditures to FY 1997. Do not include data on Detachments who have received this Data Call directly. Do not report this information if you are a tenant activity. The following definitions apply:

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

Current Plant Value (CPV) of Class 2 Real Property: The hypothetical dollar amount to replace a Class 2 facility in kind with today's dollars. Example: the cost today to replace a wood frame barracks with a wood frame barracks.

Acquisition Cost of Equipment (ACE): The total cumulative acquisition cost of all "personal property" equipment maintained at your activity which includes the cost of installed equipment directly related to mission execution, such as lab test equipment. Class 2 installed capital equipment that is an integral part of the facility will not be reported as ACE.

Table 5.2 Maintenance, Repair & Equipment Expenditure Data
for _____ **(UIC:** _____ **)**

Fiscal Year	MRP ($M)	CPV ($M)	ACE ($M)
1985			3.1
1986			5.3
1987			5.2
1988			5.2
1989			5.7
1990			7.8
1991			7.7
1992			8.4
1993			6.9
1994			7.4
1995			7.9
1996			8.4
1997			8.9

N/A

c. Training Facilities:

(1) By facility Category Code Number (CCN), provide the usage requirements for each course of instruction required for all formal schools on your installation. A formal school is a programmed course of instruction for military and/or civilian personnel that has been formally approved by an authorized authority (ie: Service Schools Command, Weapons Training Battalion, Human Resources Office). Do not include requirements for maintaining unit readiness, GMT, sexual harassment, etc. Include all applicable 171-xx, 179-xx CCN's.

Type of Training Facility/CCN	School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C

A = STUDENTS PER YEAR
B = NUMBER OF HOURS EACH STUDENT SPENDS IN THIS TRAINING FACILITY FOR THE TYPE OF TRAINING RECEIVED
C = A x B

N/A

(2) By Category Code Number (CCN), complete the following table for all training facilities aboard the installation. Include all 171-*xx* and 179-*xx* CCN's.

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

Type Training Facility/CCN	Total Number	Design Capacity (PN)[1]	Capacity (Student HRS/YR)

(3) Describe how the Student HRS/YR value in the preceding table was derived.

[1] Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, i.e., ranges. Design Capacity (PN) must reflect current use of the facilities.

6. Ship Berthing Capacity. If your activity has the capacity to berth ships, fill out the data sheets provided at TAB A.

N/A

7. Operational Airfield Capacity. If your activity owns and operates an operational airfield, fill out the data sheets provided at TAB B.

N/A

8. Depot Level Maintenance Capacity. Fill out the data sheets provided at TAB C if you or your subordinate activities perform depot level maintenance on a piece of equipment or system.

This Command does not perform depot maintenance on any of the Commodity Group Categories listed.

9. Ordnance Storage Capacity. If your activity has the capability to store or maintain weapons and ordnance, fill out the data sheets provided at TAB D.

TAB D attached; however, the 18 magazines listed are used in support of joint service EOD foreign ordnance exploitation, not for stowage of Navy or DOD ordnance stock items.

ORDNANCE STORAGE CAPACITY

Please answer the following questions if your activity performs any stowage or maintenance on any of the following ordnance commodities types:

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

1. Ordnance Stowage and Support

1.1 Provide present and predicted inventories (coordinate with inventory control manager) and maximum rated capability of all stowage facilities at each weapons storage location controlled by this activity. In predicting the out year facility utilization, distribute overall ordnance compliment to the most likely configuration. The maximum rated capability is also an out year projection taking into account any known or programmed upgrades that may increase current stowage capacity. When listing stowage facilities, group by location (e.g. main base, outlying field, special area).

Table 1.1: **Total Facility Ordnance Stowage Summary**

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM RATED CAPABILITY	
	LBS (NEW)	SQ FT	LBS(NEW)	SQ FT	LBS(NEW)	SQ FT
2017	850	487	850	432	30000	567
25SN	10	488	10	488	30000	520
24SN	3800	488	3800	762	30000	1560*
2039	315	500	315	500	30000	500
SUB-TOTAL	4975	1963	4975	2182	120000	3147

*Increased capacity due to shelving.

**Magazines are in support of joint service EOD foreign ordnance exploitation, not for stowage of Navy or DOD ordnance stock items.

Table 1.1: Total Facility Ordnance Stowage Summary

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM RATED CAPABILITY	
	LBS(NEW)	SQ FT	LBS(NEW)	SQ FT	LBS(NEW)	SQ FT
2040	735	356	735	356	30000	500
2041	2150	392	2150	392	30000	520
28SN	1115	392	1115	762	50000	1560*
2043	1440	520	1440	762	50000	1560*
SUB-TOTAL	5440	1660	5440	2272	160000	4140

Table 1.1: Total Facility Ordnance Stowage Summary

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM RATED CAPABILITY	
	LBS(NEW)	SQ FT	LBS(NEW)	SQ FT	LBS(NEW)	SQ FT
27SN	1513	520	1513	762	50000	1560*
2042	567	456	567	762	50000	1560*
26SN	89	32	89	250	50000	520
2126	6693	1000	6693	1000	50000	2000
SUB-TOTAL	8862	2008	8862	2774	200000	5640

*Increased capacity due to shelving.

Table 1.1: Total Facility Ordnance Stowage Summary

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM RATED CAPABILITY	
	LBS(NEW)	SQ FT	LBS(NEW)	SQ FT	LBS(NEW)	SQ FT
2044	6	35	6	35	1000	35
2045	232	35	232	35	1000	35
2046	16	35	16	35	1000	35
2024	98	35	98	35	1000	35
SUB-TOTAL	352	140	352	140	4000	

Table 1.1: Total Facility Ordnance Stowage Summary

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM RATED CAPABILITY	
	LBS(NEW)	SQ FT	LBS(NEW)	SQ FT	LBS(NEW)	SQ FT
2025	16	35	16	35	1000	35
2026	89	35	89	35	1000	35
SUB-TOTAL	105	70	105	70	2000	70
GRAND TOTAL	19734	5841	19734	7438	486000	13137

1.2 For each Stowage facility identified in question 1.1 above, identify the type of facility (specify if "igloo", "box", etc.). Identify the type of ordnance commodity (from the list above) which are currently stowed in that facility and all other ordnance types which, given existing restrictions, could be physically accommodated in that stowage facility. Specify below if such additional accommodation would require a modification of the facility (e.g. enhanced environmental controls, ESQD waiver).

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

Table 1.2: **Total Facility Ordnance Stowage Summary**

Facility Number/Type	Currently Stowed Commodity Type(s)	Reason for Stowage at your Activity	Commodity Type(s) Which Can Be Stowed
2017,25SN,24SN, 2039,2040,2041, 28SN,2043,27SN, 2042,26SN,2126 ALL IGLOO	Assorted	Explosive Ordnance Disposal, Render Safe Procedures	
2044,2045,2046 2024,2025,2026 ALL KEYPORT	Assorted	Explosive Ordnance Disposal, Render Safe Procedures	

Additional comments:

Magazines are in support of joint service EOD foreign ordnance exploitation, not for stowage of Navy or DOD ordnance stock items.

Table 1.1: Total Facility Ordnance Stowage Summary

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM RATED CAPABILITY	
	LBS(NEW)	SQ FT	LBS(NEW)	SQ FT	LBS(NEW)	SQ FT
2044	6	35	6	35	1000	35
2045	232	35	232	35	1000	35
2046	16	35	16	35	1000	35
2024	98	35	98	35	1000	35
SUB-TOTAL	352	140	352	140	4000	

Table 1.1: Total Facility Ordnance Stowage Summary

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM RATED CAPABILITY	
	LBS(NEW)	SQ FT	LBS(NEW)	SQ FT	LBS(NEW)	SQ FT
2025	16	35	16	35	1000	35
2026	89	35	89	35	1000	35
SUB-TOTAL	105	70	105	70	2000	70
GRAND TOTAL	19734	5841	19734	7438	486000	13137

1.3 Identify the rated category, rated NEW and status of ESQD arc for each stowage facility listed above.

Table 1.3: **Facility Rated Status**

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated NEW	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
2017/Igloo	1.1-1.5	30,000	Y		
25SN/Igloo	1.1-1.5	30,000	Y		
24SN/Igloo	1.1-1.5	30,000	Y		
2039/Igloo	1.1-1.5	30,000	Y		
2040/Igloo	1.1-1.5	30,000	Y		
2041/Igloo	1.1-1.5	30,000	Y		
28SN/Igloo	1.1-1.5	50,000	Y		
2043/Igloo	1.1-1.5	50,000	Y		
27SN/Igloo	1.1-1.5	50,000	Y		
2042/Igloo	1.1-1.5	50,000	Y		
26SN/Igloo	1.1-1.5	50,000	Y		

1.3 Identify the rated category, rated NEW and status of ESQD arc for each stowage facility listed above.

Table 1.3: Facility Rated Status

Facility Number / Type	Hazard Rating (1.1-1.4)	Rated NEW	ESQD Arc		
			Established (Y / N)	Waiver (Y / N)	Waiver Expiration Date
2126/Igloo	1.1-1.5	50,000	Y		
2044/Keyport	1.1,1.3, 1.4,1.5	1,000	Y		
2045/Keyport	1.1,1.3, 1.4,1.5	1,000	Y		
2046/Keyport	1.1,1.3, 1.4,1.5	1,000	Y		
2024/Keyport	1.1,1.3, 1.4,1.5	1,000	Y		
2025/Keyport	1.1,1.3, 1.4,1.5	1,000	Y		
2026/Keyport	1.1,1.3, 1.4,1.5	1,000	Y		

CAPACITY DC-4 EODTD UIC: N0464A

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

NEXT ECHELON LEVEL (if applicable)

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

Signature

COMMANDER
Title

5/10/94
Date

NAVAL ORDNANCE CENTER
Activity

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

~~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

Title

5-13 94
Date

Commander
Naval Sea Systems Command
Activity

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

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

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

Signature

Acting
Title

23 May 1994
Date

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

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

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

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

ACTIVITY COMMANDER

JOHN H. COCOWITCH CAPT/USN
NAME (Please type or print)

COMMANDING OFFICER
Title

NAVAL EXPLOSIVE ORDNANCE DISPOSAL TECHNOLOGY DIVISION
Activity

J H Cocowitch
Signature

6 MAY 1994
Date

Document Separator

R

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

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

Installation Name:	**INDIAN HD MD NAVEODTECHDV**
Unit Identification Code (UIC):	**N0464A**
Major Claimant:	**NAVSEA**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1998	759	MAGNETIC SIGNATURE TST FAC	MCON	800
		Sub-Total - 1998		**800**
1999	104	NUCLEAR INCIDENT TECH CTR	MCON	6,600
		Sub-Total - 1999		**6,600**
2000	110	EOD LOGISTICS SUPT FAC	MCON	11,800
		Sub-Total - 2000		**11,800**
		Grand Total		**19,200**

BRAC-95 CERTIFICATION

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

MICHAEL D. THORNTON
NAME (Please type or print)

CDR, CEC, USN
Title

MILCON PROGRAMMING DIVISION
Division

NAVAL FACILITIES ENGINEERING COMMAND
Activity

MD Thornton
Signature

9 Dec 94
Date

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

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN
NAME (Please type or print)

Signature

COMMANDER
Title

12/9/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

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

W. A. EARNER

NAME (Please type or print)

Signature

Title

12/9/94
Date

Document Separator

DATA CALL 64

CONSTRUCTION COST AVOIDANCES

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

Installation Name:	**INDIAN HD MD NAVEODTECHCT**
Unit Identification Code (UIC):	**N0464A** #187
Major Claimant:	**NAVSEA**

Project FY	Project No.	Description	Appn	Project Cost Avoid ($000)
1998	759	INFLU FUSED ORD TEST FAC	MCON	800
		Sub-Total - 1998		**800**
1999	104	NUCLEAR INCIDENT TECH CTR	MCON	6,600
		Sub-Total - 1999		**6,600**
2000	110	EOD LOGISTICS SUPT FAC	MCON	11,800
		Sub-Total - 2000		**11,800**
		Grand Total		**19,200**

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

MAJOR CLAIMANT LEVEL

J. E. BUFFINGTON, RADM, CEC, USN
NAME (Please type or print)

Jack E Buffington
Signature

COMMANDER
Title

7/13/94
Date

NAVAL FACILITIES ENGINEERING COMMAND
Activity

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

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

W. A. EARNER

NAME (Please type or print)

W A Earner
Signature

Title

1/18/94
Date

BRAC-95 CERTIFICATION

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

MARK E. DONALDSON
NAME (Please type or print)

Signature

CDR, CEC, USN
Title

12 July 1994
Date

MILCON PROGRAMMING DIVISION
Division

FACILITIES PROGRAMMING AND CONSTRUCTION DIRECTORATE
Department

NAVAL FACILITIES ENGINEERING COMMAND
Activity

Enclosure (1)

BRAC DATA CALL NUMBER 64
CONSTRUCTION COST AVOIDANCE

Information on cost avoidance which could be realized as the result of cancellation of on-going or programmed construction projects is provided in Tables 1 (MILCON) and 2 (FAMILY HOUSING). These tables list MILCON/FAMILY HOUSING projects which fall within the following categories:

1. all programmed construction projects included in the FY1996 - 2001 MILCON/FAMILY HOUSING Project List,

2. all programmed projects from FY1995 or earlier for which cost avoidance could still be obtained if the project were to be canceled by 1 OCT 1995, and,

3. all programmed BRAC MILCON/FAMILY HOUSING projects for which cost avoidance could still be obtained if the project were to be canceled by 1 OCT 1995.

Projects listed in Tables 1 and 2 with potential cost avoidance were determined as meeting any one of the following criteria:

Projects with projected Work in Place (WIP) less than 75% of the Current Working Estimate (CWE) as of 1 OCT 1995 .

Projects with projected completion dates or Beneficial Occupancy Dates subsequent to 31 March 1996.

Projects with projected CWE amount greater than $15M.

The estimated cost avoidance for projects terminated after construction award would be approximately one-half of the CWE for the remaining work. Close-out, claims and other termination costs can consume the other half.

Document Separator

EODTECHDIV DATA CALL 12, AMENDMENT 1

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

187

NEXT ECHELON LEVEL (if applicable)

J. W. EYER
NAME (Please type or print

Signature

ACTING COMMANDER
Title

10/18/94
Date

NAVAL ORDNANCE CENTER
Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type of print

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

E.S. MCGINLEY, II
NAME (Please type or print

Signature

(ACTING) COMMANDER
NAVAL SEA SYSTEMS COMMAND
Title

10/20/94
Date

Activity

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

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

W. A. EARNER

NAME (Please type of print

Signature

Title

10/21/94
Date

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

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

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

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

ACTIVITY COMMANDER

BRAC Data Call 12 Amendment 1

Carroll D. Bernier
NAME (Please type or print)

Signature

Acting Commanding Officer
Title

10/18/94
Date

NAVEODTECHDIV, Indian Head, MD
Activity

ENERGETICS CROSS SERVICE ANALYSIS - DATA REQUIREMENTS
NAVAL ORDNANCE CENTER
NAVAL EXPLOSIVE ORDNANCE DISPOSAL TECHNOLOGY DIVISION

1. Organization Chart (as of 30 Sept 94):

a. Show organizational elements (those which report directly to the activity commander). See attachment 1A.

b. Describe organizational relationships especially between support organizations and any other organizations located on the Installation/Base.

The Information Management and Resources Planning Department (Code 05) provides support to all departments at the Command and the four Service Detachments (tenants) in the areas of financial planning, budget execution, supply and inventory control, administrative and personnel management, payroll, facilities management, management of the automated information systems, mail and postal operations, and contracting.

Code 05 is a small department with a total of 32 civilian employees and 6 military personnel. This Command is a tenant activity of the Naval Surface Warfare Center, Indian Head Division, which provides support services in the areas of civilian personnel, EEO, large contracts, public works, disbursing, Morale Welfare and Recreation (MWR) services, family housing, printing, medical services for military personnel, security, food services and the Drug Free Workplace program. These services are funded through Base Operating Support, MWR, and reimbursable financing.

See also attachments 1B(1)-1B(8).

2. For each organizational element:

a. Breakout five types of FY 93 workyears (government, FFRDC on-site, FFRDC off-site, contract support on-site and contract support off-site) by the following job categories: S&T, Engineering Development, Production, In-Service Engineering and other (describe).

See attachment 2A.

b. Number of square feet of space occupied broken out by: laboratory specific space, general office space, and other space (describe). Note if government owned or leased.

All NAVEODTECHDIV space is government owned. See attachment 2B for departmental, type of space breakout.

c. List total FY 93 funds and list main programs and customers.

Total FY 93 funds for NAVEODTECHDIV were $46,335K.

Main programs include:

*Joint Service Exploratory Development
*Joint Service Advanced Development (Acquisition Program)
*Joint Service Engineering Development (EOD Publications)
*Joint Service Logistics Support (In-Service Engineering and Depot Level Maintenance)
*Intelligence and Foreign Ordnance Acquisition
*Joint Service Advanced Technology Demonstration
*Area Clearance Technology Demonstration

See also attachments 2c(1) - 2c(4)

Major Customers include:

*Joint Service EOD Technicians
*Office of Naval Reserach
*PEO-Mine Warfare
*Naval Engineering Logistics Office
*Army Environmental Center
*Office of Special Technology
*U.S. Secret Service
*Bureau of Alcohol, Tobacco & Firearms
*Federal Aviation Administration
*CIA
*FBI
*DIA
*Office of the Chief of Naval Operations
*Naval Maritime Intelligence Center (NAVMIC)
*Naval School, EOD
*Naval Surface Warfare Center Divisions (Indian Head, Crane, Dahlgren)
*Naval Weapons Center, China Lake
*Naval Research Laboratory
*Office of Naval Intelligence

3. Describe by major functional and product lines the capabilities of your activity to perform energetic functions in terms of manpower, intellectual/skill capability and capacity and major facilities and equipment.

The NAVEODTECHDIV uses certified energetic materials as an element in the development of procedures and equipment used by military explosive ordnance disposal technicians. We do not develop or manufacture energetic materials, or produce devices containing energetic materials.

In terms of increasing the capability of our activity to perform energetic functions, the following applies:

The Operational Support Department (Code 20) does not have the manpower required to conduct energetic functions.

The Equipment Management Department (Code 45) could absorb an additional three workyears' worth of fully funded EOD/SOF related energetics functions as specified in attachment 2A, with little or no modifications required to existing facilities.

The R&D Department's (Code 50) major functional and product lines are that portion of DOD life cycle acquisition which includes Concept Exploration, Demonstration/Validation, and Engineering and Manufacturing Development for special equipment for military bomb disposal technicians, and technology demonstration and technology development where it supports anticipated operational requirements from military bomb disposal technicians.

With respect to these functions, Code 50 has a capability to specify energetic tools to be manufactured by others and to plan tests of energetic tools which are specifically used to render safe or dispose of military fuzed conventional, explosive loaded ordnance in an unknown condition or to render safe or dispose of improvised explosive loaded devices. In FY 93 no department personnel were committed to development or testing of energetic tools. There were no operational requirements. The department has one explosives experienced chemical engineer, one pyrotechnic experienced technician, and one expert mechanical engineer (demolitionist). Without a major change in the workforce, Code 50 has no capability to absorb additional work in energetics. If an operational requirement is presented which requires specific development in energetics, we seek help from other government facilities or contractors.

In the Munitions Countermeasures Department (Code 60), a single product line related to energetics is supported where we conduct literature research, EOD procedures development and validation, and support joint service verification on render-safe procedures for the 60-Series Tech Manuals. The level of effort for these activities is indicated in Attachment 2A. This work is highly specialized, directly supporting DOD Directive 5160.62, for the Joint Service EOD Program. The skills/knowledges required to perform these tasks involve applied principles concerning:

a. Engineering (all categories)
b. Specialized EOD tools development and use
c. EOD-specific ordnance background for all munition categories, including improvised, foreign and domestic
d. Munitions-specific systems (e.g., fuzing systems, firing systems, propulsion systems, guidance systems, material parameters such as case thickness, etc. and hazardous

components).

e. Explosives (i.e., dynamics associated with detonation characteristics)
f. Country-specific ordnance trends
g. Intelligence information gathering capability (e.g., information required for developing Ordnance Order of Battle)

Code 60 could absorb an additional three workyears of effort (effectively more than tripling the output of this activity in this area of expertise) without modifications to facilities.

All of the above work requires the use of the following major facilities and equipment:

a. Explosive test ranges, both local and off-site. The local range is capable of running explosive tests on most munition items where relatively small energetics tools (e.g., caliber 50 dearmer) are used in the development of render safe procedures. Items for disposal, such as large rocket motors and bombs, require off-site ranges capable of handling larger detonations.

b. Munitions Disassembly Facility. This capability allows disassembly and analysis of munitions components for exploitation and development of EOD procedures.

c. Countermeasures Laboratories and Equipment.

(1) Electronic Exploitation Laboratory (EEL). The function of the EEL pertaining to the energetic function is to support range testing of explosive ordnance items, and to design and build prototype test hardware to meet specialized EOD test requirements.

The equipment used by the EEL in support of the energetic functions varies depending upon unique test requirements. Test equipment used in a typical test scenario can consist of the following:

Oscilloscopes to measure peak pressures
Video equipment to record test results
Data acquisition system to collect and process data from explosive tests
Piezoelectric gauges for measuring blast over-pressures
Other miscellaneous electronics

(2) Underwater Laboratory (UWL). The UWL uses acoustic and magnetic measuring devices to range EOD tools and equipment, boats, engines, mammals, etc., in underwater environments. The results determine safe distances for EOD operations on underwater ordnance.

Munitions Radiographic Laboratory. This laboratory is used to xray ordnance prior to disassembly to ensure the development of safe disassembly procedures.

Magnetometer Test Facility. The purpose of this facility is to measure magnetic effects and to provide initial certification and perform periodic recertification of tools, both explosive and nonexplosive and components in accordance with MIL-STD-19595C or other nonmagnetic standards (i.e., NATO Magnetic Test specifications).

d. Energetic EOD Tools. A variety of energetic tools are used in the development and testing of EOD procedures. The purpose of these tools is the dynamic disruption of munitions arming and firing trains (i.e., fuzing systems). Examples of energetic EOD tools include: J-RODS, 50 caliber Dearmer, Rocket Wrench, Shaped Charges, Flexible Linear Shaped Charge.

4. Map of the installation to include elements listed in 2 and 3:

a. Annotate buildings to show location of each organizational element. See attachment 4A.

b. Show buildings with equipment/facilities which would be difficult to move or replicate. List such equipment with initial cost. Provide an estimate of the replacement cost of the facilities.

Building	Name	Initial Cost	Replacement Cost
2134-2143	Munitions Disassembly Complex	$8.3M	$11.0M
2009	Munitions Radiographic Laboratory	$385K	$1.5M
2176	Hyperbaric Chamber	$315K	$1.8M
D21C	Magnetometer Test Facility	$24K	$900K
2172	Munitions Electronics Exploitation Lab	$250K	$300K
2131	Vibration Test Facility	$ 99K	$100K
2108	Range Operations Bldg. Range 3	$ 45K	$200K*

*Our procedures test and validation range may be impossible to replicate due to existing environmental constraints.

5. Estimate the capacity of the activity and installation (separately) to absorb similar workyears with little or no modification of facilities. Estimate the capacity of the activity and installation (separately) to absorb similar workyears with major modifications and describe the nature of those modifications and estimated cost. Use FY 97 as the baseline for such estimates.

As stated above, most of our departments do not have the manpower or capability to absorb unstaffed workyears associated with energetics. If changes were made in the workforce, however, the following could be accomplished with little or no modifications to existing facilities:

An additional six workyears (fully staffed and funded) could be accommodated in our munitions disassembly complex for the disassembly of ordnance.

An additional eight workyears (fully staffed and funded) could be accommodated with existing facilities for the EOD 2T design agent efforts.

An additional seven workyears (fully staffed and funded) could be accommodated with existing facilities in the validation and verification of render-safe procedures business line if the additional workyears for disassembly described above were provided.

If MILCON Project P-759 comes on line ($900K), an additional two workyears could be provided in the MIL-M-19595 testing area.

6. Describe the impact of BRAC 91 and BRAC 93 decisions on the activity and installation.

None.

7. Describe military department approved and programmed plans which will impact or have impacted the activity and installation.

None.

8. Remaining tenants and other activities on the installation: name of organization, mission, total workyears.

Marine Corps Detachment (RUC: M04640). Mission: Provide direct liaison between the Commandant of the Marine Corps (CMC), Commanding Officer, Naval Explosive Ordnance Disposal Technology Division, and Marine Corps Explosive Ordnance Disposal activities. These duties include identifying Marine Corps requirements for the development of tools, equipment and procedural publications. Provides Marine member to the Joint Service EOD Military Technical Acceptance Board. Other duties

and functions as identified in the current CMC (LPO) Letter of Instruction. Total Authorized Workyears: 6.

Fleet Liaison Unit (UIC 45184). Mission: Ensures Navy explosive ordnance disposal operational requirements for new development projects including all tools, equipment, and procedural publications are being met during the development cycle and prior to granting approval for Navy exlosive ordnance disposal use. Provides Navy member to Joint Service Explosive Ordnance Disposal Military Technical Acceptance Board. Total Authorized Workyears: 7.

Detachment 63 Aeronautical Systems Center. Mission: Detachment 63 serves as the focal point for managing joint service approved EOD tools, equipment, procedures, techniques, and publications within the Air Force. In this capacity, Detachment 63 provides Air Force representation to the DOD joint service EOD Military Technical Acceptance Board as prescribed in DODD 5160.62. Total Authorized Workyears: 11.

U.S. Army Technical Detachment. Mission: Represent U.S. Army in the Joint Service Explosive Ordnance Disposal Program. Participate in Joint Service technical programs relating to the development of EOD procedures, tools and equipment, and publications. Act for Department of the Army in acceptance of Joint Service EOD tools, equipment, publications and procedures. Serve as the U.S. Army liaison with NAVEODTECHDIV. Total Authorized Workyears: 9.

9. Summarize your overall mission.

The NAVEODTECHDIV is uniquely responsible for:

*execution of the Navy Single Service Manager responsibility for technology support of the Joint Service Explosive Ordnance Disposal Technology and Training Program;

*conduct of Exploratory and Advanced Development projects in response to Joint Service EOD requirements;

*providing logistics support for EOD Federal Supply Class 1385 and 1386 items (primarily in-service engineering and depot level maintenance services);

*developing and maintaining EOD 60-series publications for fleet and field EOD operators;

*providing a technical response team in support of the Army improvised nuclear device response team;

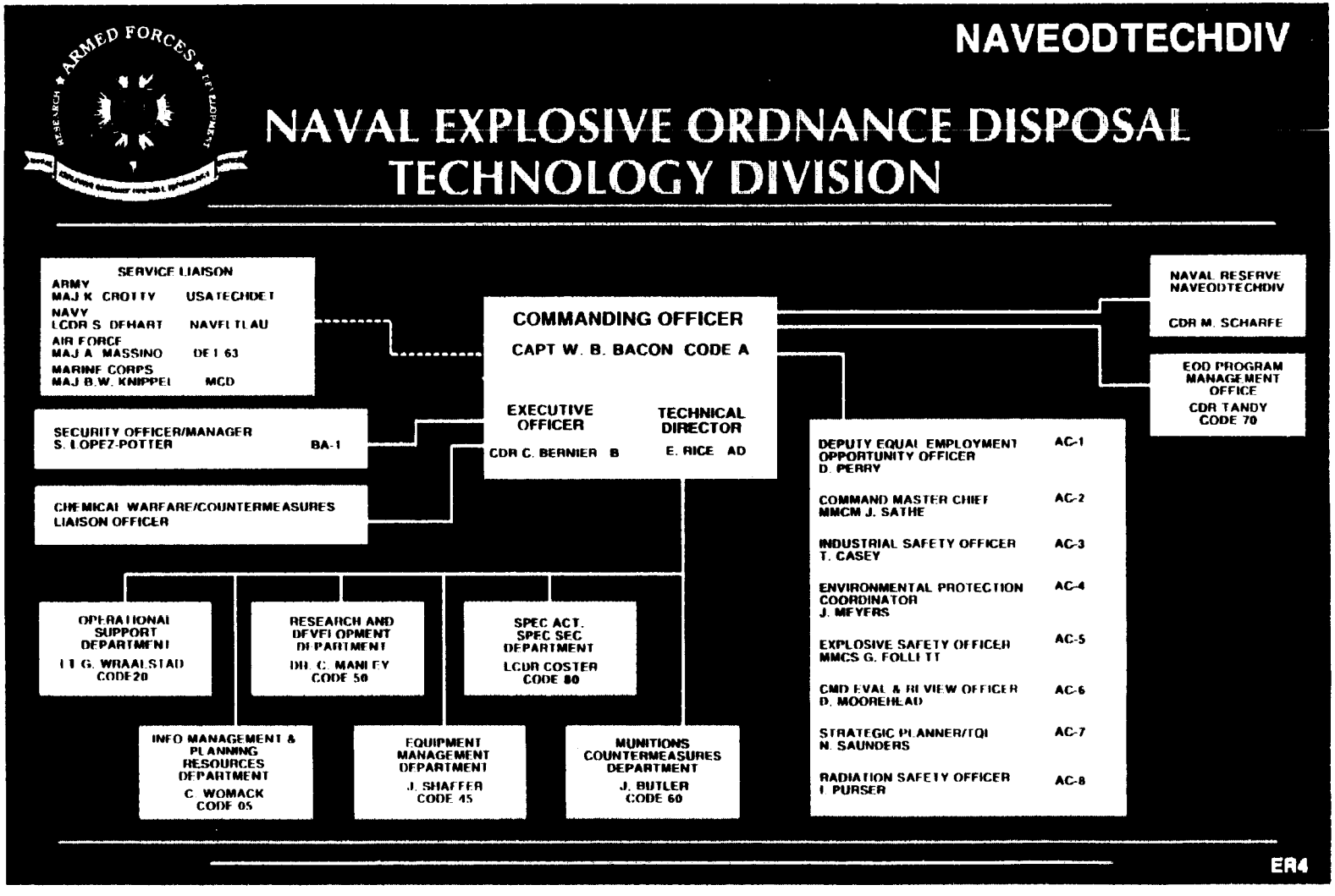
*maintaining testing capability and conducting testing of specialized nonmagnetic equipment for EOD and other customers;

*providing specialized EOD technology and management capabilities for clearing contaminated areas of unexploded ordnance;

*providing EOD technology support to the Army Environmental Center; and

*providing technical support to the Navy and DOD information exchange program related to EOD.

Attachment 1A



Attachment 13(1)

COMMANDING OFFICER [CODE A]

EXECUTIVE OFFICER [CODE B]

TECHNICAL DIRECTOR [CODE AD]

The Commanding Officer, Executive Officer and Technical Director provide guidance and policy for the Command.

The Commanding Officer is responsible to the Commander, Naval Ordnance Center for carrying out the mission of the Command as assigned by the Secretary of the Navy. He is responsible for the morale, welfare, efficiency, and safety of the Command, the accomplishment of the mission through the performance of specified functions and for ensuring that the Navy's regulations on Equal Employment Opportunity are implemented and effectively carried out.

The Executive Officer has responsibilities as the Deputy Commanding Officer and manages the support departments in addition to assuming command during the absence of the Commanding Officer.

The Technical Director is a special advisor to the Commanding Officer. He provides expert opinions on EOD matters or other topics as directed. He assists in the development, coordination, analysis, implementation, monitoring and evaluation of the programs at the command in the areas of technology, management and resources.

Attachment 1B(2)

INFORMATION MANAGEMENT AND RESOURCES PLANNING DEPARTMENT [CODE 05]

A recent efficiency review led to the reorganization of two relatively small support departments into one larger support department for the entire Command. The result will be a shift from a reactive management approach to one with a proactive planning emphasis.

The Department is divided into four Divisions and two special staff codes:

The Financial Planning and Information Division is responsible for budget formulation, execution and justification, as well as general financial planning and management. It also performs the payroll operation for the Command.

The Acquisition Planning and Information Division manages the small purchase function of the Command, serves as a liaison between the internal customer and external contracting activities, performs shipping, receiving and plant property functions in support of the Command and manages the Command's mail operations.

The Internal Information Division is responsible for general administrative matters, coordinates all personnel matters with each department and the Civilian Personnel Office, serves as the Public Affairs Office and manages the Command's Technical Library.

The Information Systems Division manages the Command's local area network, coordinates all hardware and software procurement, inventory and management, and performs training in these areas.

The Quality of Life Staff manages the Command's space utilization plan, coordinates all buildings and grounds maintenance operations, and manages the Command's vehicle, telephone, utilities and energy programs.

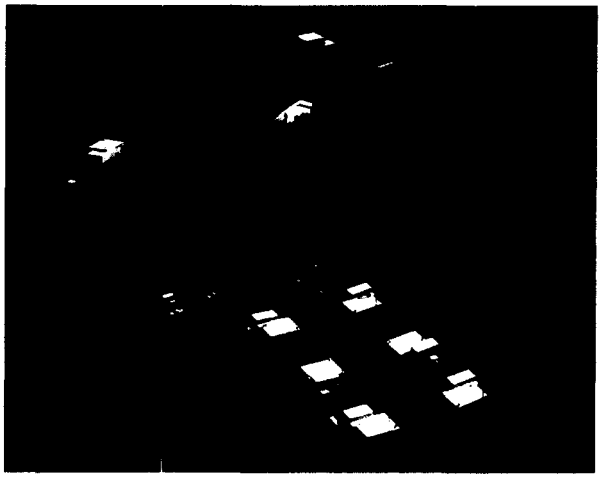
The Information Management Team consists of the Department Head, each Division Head and certain designated positions, such as the Public Affairs Officer and the Librarian.

The Department is also responsible for preparing and executing intra and interservice support agreements for the Command, including the Host/Tenant agreement with the Indian Head Division, Naval Surface Warfare Center.

Team building concepts have been instituted in the creation of this department and will continue as the department becomes fully operational.

Attachment 1B(3)

OPERATIONAL SUPPORT DEPARTMENT [Code 20]



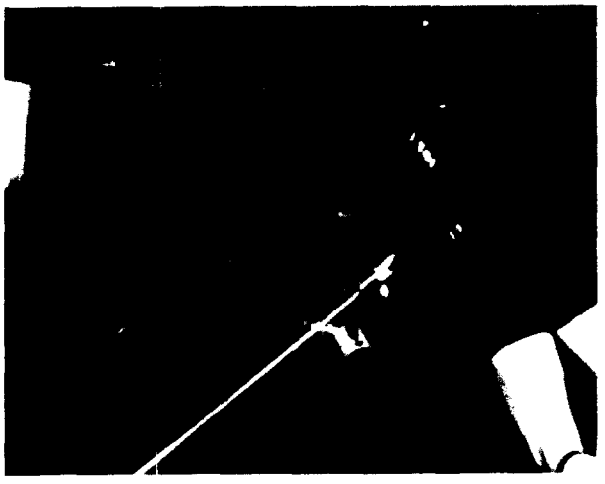
The Operational Support Department provides foreign ordnance exploitation, disassembly, inerting, examination and documentation services.
It provides explosive testing for the development of EOD render safe procedures, stores and maintains records of accountability for all explosives and foreign ordnance stored by the Command and maintains a flyaway munitions examination capability which includes photography, radiography and munitions disassembly. The Department also maintains and operates the Command's hyperbaric complex and all assigned smallcraft. It provides diving and underwater testing services in support of research and development of EOD underwater tools and equipment.
It also maintains and operates an expolsive test site used to support development of tools, equipment, and publications.

The department operates and maintains the following special facilities:

- Munitions Disassembly Complex
- Underwater Test Facility
- Explosive Test Site
- Radiography Facility

Attachment 1B(4)

EQUIPMENT MANAGEMENT DEPARTMENT [CODE 45]



The Equipment Management Department provides logistics, in-service engineering and depot level repair support for in-service Joint Service EOD tools and equipment. This includes special underwater equipment used by EOD and Seal personnel and equipment used by EOD personnel to defeat Improvised Nuclear Devices [IND]. As the logistics agent, In-Service Engineering Agent [ISEA] and Designated Overhaul Point [DOP] for this equipment, the department provides comprehensive logistics planning for life-cycle support, provides interim supply support, serves as the Inventory Control Point [ICP] on selected items, develops provisioning/procurement technical documentation, publishes and distributes the Equipment Management Data List [EMDL], monitors contracts, maintains an engineering drawing/specification/documentation repository, administers the EOD Configuration Management Program, provides 3M Program documentation/data, provides depot level maintenance support services, coordinates depot maintenance schedules and priorities, negotiates Depot Maintenance Interservice Support Agreements [DMISAs], conducts first article test inspections, and provides packaging, shipping and handling services. The department also operates and maintains the following special facilities:

MAGNETIC SIGNATURE TEST FACILITY

OXYGEN CLEANING AND CALIBRATION FACILITY

ENVIRONMENTAL TEST CHAMBER

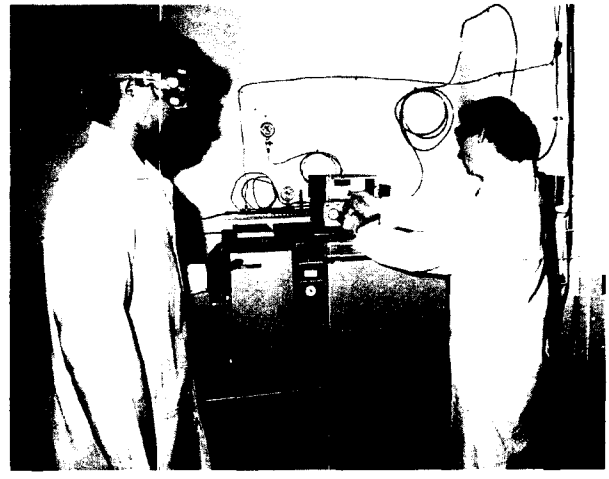
MECHANICAL TEST AND INSPECTION FACILITY

VIBRATION TEST FACILITY

Attachment 1B(5)

RESEARCH AND DEVELOPMENT [CODE 50]

The Research and Development Department of the Naval EOD Technology Division is part of the material acquisition system for the Joint Service EOD community. The Department does that portion of the acquisition life cycle phases associated with Concept Exploration, Demonstration/Validation and Full Scale Development. The Department responds to Mission Need Statements, Operational Requirements Documents and other tasking requiring engineering development. The principal product of the Department is verified engineering documentation. The Department also develops and maintains an EOD technology base, and produces technology demonstration, prototype hardware. The Department accomplishes it's work using a mix of internal resources, other Government facilities and industry.



The Department is organized into eight functional branches inside a matrix structure. These branches represent a cross section of engineering and engineering management skills.

The Department is a non-traditional organization which emphasizes the following:

- egalitarian culture
- non-hierarchical management
- horizontal communications, authority and responsibility
- decentralized control
- mutual support
- intense functional specialization
- commitment to the organization and the work of the organization
- individual professional development

Attachment 13(6)

MUNITIONS COUNTERMEASURES DEPARTMENT [Code 60]

The Munitions Countermeasures Department conducts engineering development and life cycle management of EOD procedures and tactics and associated publications dealing with domestic and foreign ordnance. To do this, it must maintain a state-of-the-art munitions design technology base; conduct validation of EOD procedures; conduct initial evaluation of foreign explosive ordnance, and develop preliminary render safe procedures. It also conducts acquisition of domestic munitions/design data of all types to provide a data/munitions base to prepare, maintain, and update Explosive Ordnance Disposal procedures for Joint Service use.

Another important mission is to conduct technology development and maintain a technical response team and equipment for improvised nuclear device (IND) threat countermeasures.

The department operates and maintains the following special facilities and capabilities:

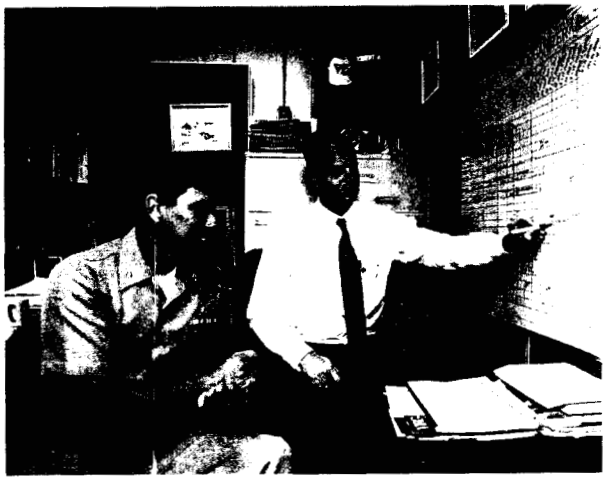
Automated Ordnance Graphics Capability

IND Response Team

Automated Publication System

Attachment 1B(7)

EOD PROGRAM MANAGEMENT OFFICE [CODE 70]



The EOD Program Management Office performs all program management functions to include planning, programming,and budgeting of RDT&E, procurement and production, in-service engineering life cycle management, and operation and maintenance support for assigned systems. The responsibilities and authority for total program management of the program is executed by the Program Office under the NAVEODTECHDIV and as PMO-EOD under the Program Executive Officer for Mine Warfare [PEO[MIW]].

The office supports:

Joint Service EOD Program

Underwater EOD Program

Marine Mammal Systems

Specific functions of the Program Management Office are to:

Plan and direct the execution of advanced and engineering development, production, installation, support and in-service engineering for assigned systems.

- Chair Configuration Control Boards for assigned systems.
- Coordinate development and testing of EOD diving systems.
- Plan and direct technical test and evaluation programs.
- Provide advisory guidance for NAVSEA to the Office of Naval Technology on execution of Joint Service EOD, IND and
- Marine mammal technology base [exploratory development].
- Provide PMS-300 with interface and funding when required for small boats.

Attachment 1B(8)

SPECIAL ACTIVITIES SPECIAL SECURITY DEPARTMENT [CODE 80]

The Special Activities Special Security Department provides information services and through liaison with civilian government and military organizations, both foreign and domestic, in support of Command objectives and international relations. In this respect, it is responsible for the scientific and technical intelligence services as it pertains to EOD, foreign materiel acquisition of ordnance, foreign military sales of EOD publications and equipment, and international exchange programs to include NATO, ABCA-5, and Mutual Weapons Development Data Exchange Agreements. Unique responsibilities/capabilities of the Department include:

- Command Sensitive Comparted Information Facility [SCIF]
- Foreign Disclosure Technical Information System [FORDTIS]
- Communication Security Material System [CMS]
- North Atlantic Treaty Organization COSMIC Control Point

ENERGETICS CROSS SERVICE ANALYSIS
NAVAL EOD TECHNOLOGY CENTER
ATTACHMENT 2A

Type	Department	S&T	Engineering Development	Production	ISE	Other	Total
Government	00/05 1/	-	-	-	-	57.1	57.1
	20 2/	-	-	-	-	35.4	35.4
	45 3/	-	-	-	16.5	36.7	53.2
	50 4/	28.2	21.0	-	5.0	-	54.2
	60 5/	6.2	45.3	-	-	26.3	77.8
	70 6/	-	5.9	-	-	3.6	9.5
	80 7/	-	-	-	-	11.8	11.8
Total		34.4	72.2	-	21.5	170.9	299.0

There were no on-site or off-site contractors associated with energetics.
We do not contract with FFRDCs.
Government workyears include both military and civilian efforts.

1/ Codes 00/05 include Command, staff codes and the support department. "Other" includes management, administrative, and other support categories (i.e., facilities management, information systems management, supply and purchasing, mail room operations, etc.)

2/ Code 20 deals almost exclusively with services as opposed to products. The department does not create hardware as a manufacturer might, but instead deals with items that have been manufactured by others. These items are the basis of the diverse tests and investigations conducted by Code 20. The efforts may involve disassembly or radiographic examination of munitions, test and evaluation (T&E) of new diving equipment, or ordnance

malfunction investigations. They may be used to establish the basis of an aircraft mishap, to further the production of a hardware item, or to be incorporated into ordnance 60 series publications. "Other" includes EOD technicians, disassembly technicians, radiographers and divers.

3/ Code 45 energetics efforts include 1.5 workyears associated with EOD 2T design agent for Crane PM4 (to include configuration management, production support, engineering support, master documentation and malfunction investigation) and MIL-M-19595 magnetic testing efforts. "Other" includes depot maintenance, depot support, and acquisition support associated with EOD specific tools and equipment.

4/ Code 50 energetics efforts include .8 workyears associated with an explosive detection program (TAGGANTS) for the Federal Aviation Administration. Also, in FY 93 the Department supported at another government facility, a project to examine entrainment of small explosive globules in a water jet to make holes in bombs and projectiles.

5/ Code 60 energetics efforts include 1.2 workyears associated with highly specialized joint service research, validation and verification of render safe procedures for the 60-Series Tech Manuals. "Other" includes editors, techwriters, graphic artists, and managerial and clerical support.

6/ Code 70 has a small energetics effort (.5 workyears) associated with the MK 98 Mine Neutralization Charge. This product is currently under development at NSWC Dahlgren, White Oak Detachment. Code 70's efforts include program management, participation in configuration management board and failure analysis board. "Other" includes program management personnel.

7/ Code 80 has no energetics efforts. "Other" includes intelligence, FMS, and NATO operations.

ENERGETICS CROSS SERVICE ANALYSIS
NAVAL EXPLOSIVE ORDNANCE DISPOSAL TECHNOLOGY DIVISION
ATTACHMENT 2B
(IN SF)

Organizational Element	Ops & Train.	Maint.& Prod.	Labs	Storage	Admin.
Command & Support*	-	-	875	8,420	45,233
Operational Support (Code 20)	2,976	1,319	30,066	10,198	-
Equipment Management (Code 45)	-	33,707	7,424	9,653	2,667
R&D (Code 50)	1,900	-	36,609	4,715	752
Munitions Counter-measures (Code 60)	51,839	-	22,200	-	14,660
Total	56,715	35,026	97,174	32,986	63,312

*Includes Codes 00/05/70/80.

NAVEODTECHCEN

JOINT SERVICE EOD PROGRAM

OBJECTIVE: Provide centralized field activity and support direction for research, development, and life cycle management of Navy and Joint Service EOD equipments, systems, and EOD procedures.

REQUIREMENT: Managed in accordance with DoD Directive 5160.62 of 26 Apr 89, Single Manger Responsibility for Military Explosive Ordnance Disposal Technology and Training (EODT&T); DOD Program Board Policy Agreement 1-87 of 06 Oct 87, Policy Agreement for DoD EOD Hardware Development Program (Advanced and Full Scale Development); and NAVSEAINST 5450.16B of 07 Jun 88, Mission and Functions of Naval Explosive Ordnance Disposal Technology Center.

DEC 92

Attachment 2c(1)

NAVEODTECHCEN

JOINT SERVICE EOD PROGRAM

APPROACH: The Command conducts engineering development and life cycle management of EOD procedures and tactics and associated publications dealing with domestic and foreign ordnance. The engineering development includes the development, validation and Joint Service verification of render safe procedures. Includes the development of detection sensors, remote platforms, target mapping and navigation systems, directed energy systems, explosively actuated tools, case entry tools, area access systems, imaging systems, and removal equipment.

DEC 92

Attachment 2 c (2)

NAVEODTECHCEN

EXPLORATORY DEVELOPMENT PROGRAM

OBJECTIVE: Develop enabling technologies to support EOD tools and equipment development.

REQUIREMENT: Managed in accordance with DOD Program Board Policy Agreement 1-91, Explosive Ordnance Disposal/ Improvised Nuclear Device Exploratory Development. EOD Technology Block Plan part of the ONR Exploratory Development Program. Long term plan for EOD technology provides road map for development for EOD related technologies in next 10 years. NAVEODTECHCEN is lead service activity for Reliance/JDL. Supports Joint Service EOD, EOD diving equipment, and DTRG.

APPROACH: Development of technologies in 5 mission related areas: detection and localization, examination and identification, disposal/disruption, area access/clearance, low intensity conflict. Currently are 16 active tasks in these areas.

Attachment 2 c (3)

DEC 92

NAVEODTECHCEN

AREA CLEARANCE TECHNOLOGY DEMONSTRATION PROGRAM

OBJECTIVE: To develop and demonstrate systems to detect, locate, and remove buried unexploded ordnance (UXO) which have become a hazard to life and property from contaminated test ranges and other areas.

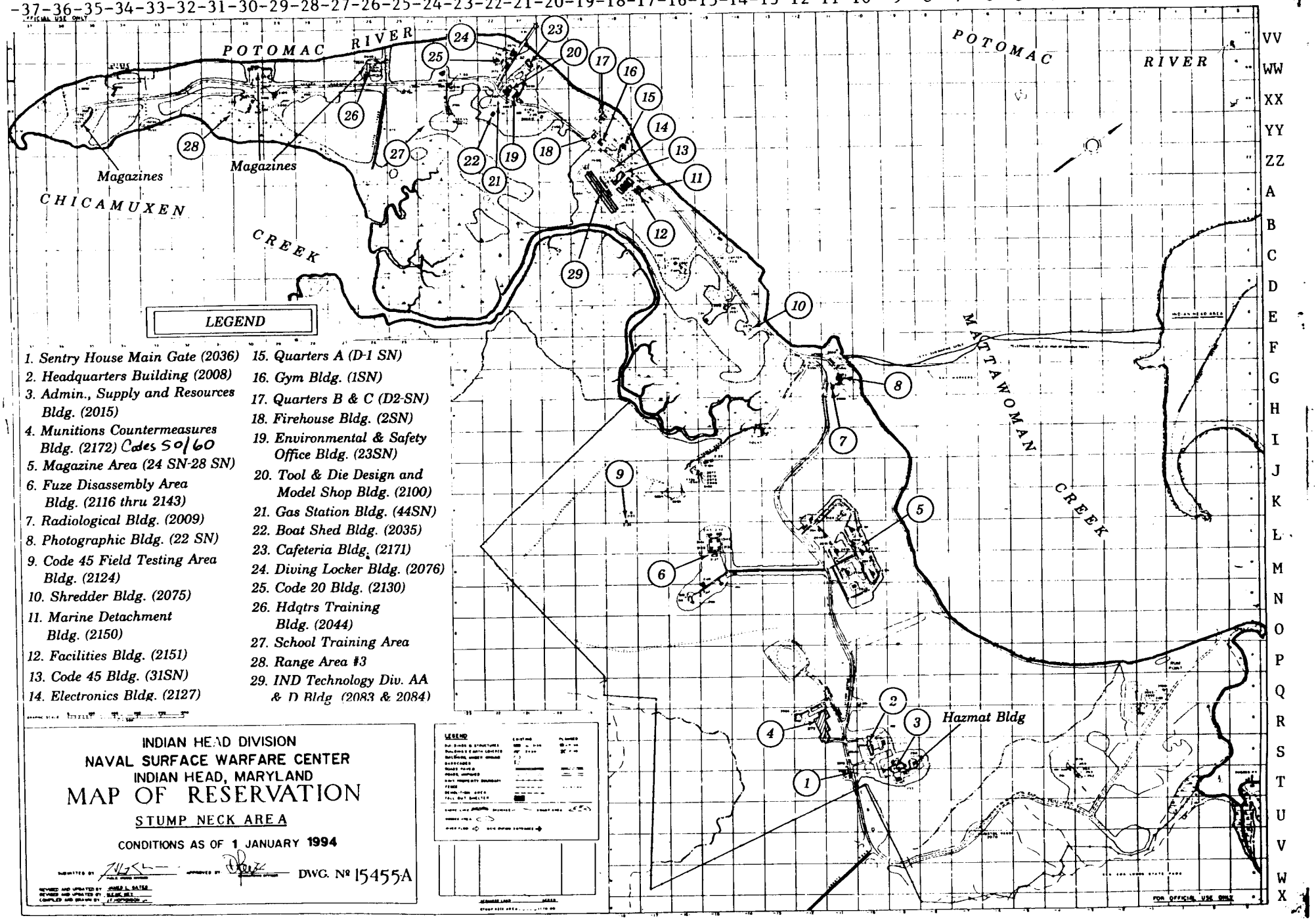
REQUIREMENT: Area clearance mission defined under NAVSEAINST 5450.16B. Tasked by the U.S. Army Toxic and Hazardous Materials Agency (USATHAMA) to perform work.

APPROACH: The scope of this multi-year effort includes the development of detection sensors, sensor platforms, information processing hardware and software, target mapping and navigation systems, and removal interface equipment.

DEC 92

Attachment 2c(4)

ATTACHMENT 4A



Document Separator

MILITARY VALUE DATA CALL

TECHNICAL CENTERS

Category	RDT&E
Technical Center Site	Naval Explosive Ordnance Disposal Technology Division
Location/Address	2008 Stump Neck Road Indian Head, MD 20640

MILITARY VALUE MEASURES
MISSION

1. **Mission Statement.** State the officially assigned mission of this activity and cite the reference document(s) that assigns the mission.

NAVSEAINST 5450.16B of 07 Jun 88 states: Provide explosive ordnance disposal technology and logistics management for the Joint Services; and develop war-essential elements of intelligence, equipment, and procedures to counter munitions, both U.S. and foreign, as required, to support Department of Defense components and the peacetime security needs of other agencies; as assigned by Commander, Naval Sea Systems Command.

2. **Joint Service Missions.** State any officially assigned joint/lead service assignments missions and cite the document(s) that assigned them.

DODDIR 5160.62 assigns single service management responsibility for explosive ordnance disposal technology and training to the Navy. SECNAVINST 5410.116B assigns technology responsibility to the NAVEODTECHDIV and OPNAVINST 8027.1 outlines the specific functions to be supported. NAVSEAINST 5450.16B assigns the mission of the NAVEODTECHDIV as supporting the EOD technology requirements of the Joint Services. A summary of the Joint Service technology support provided follows:

- Develop and maintain a technology base and serve as a lead service activity for RELIANCE/JDL efforts (Exploratory Development)
- Develop and test prototype systems (Advanced Technology Demonstration)
- Develop and field supported systems (Full Scale Development)
- Develop, document, and distribute ordnance render safe procedures (RSPs) (Engineering Development)
- Serve as In-Service Engineering Agent for FSC 1385/1386 equipment items
- Conduct depot level maintenance for Joint Service EOD equipment
- Provide a technology response team for improvised nuclear device (IND) incidents
- Develop and demonstrate systems to detect, locate, and remove unexploded ordnance from contaminated test ranges and other areas
- Conduct foreign material acquisition and EOD exploitation
- Procure EOD tools and equipment

TECHNICAL FUNCTIONS

3. **Technical Functions Resource Allocations.** Appendix A provides a list of numbered functional support areas that cover the spectrum of naval warfare and support operations. Additionally, Appendix A provides a list of numbered life-cycle work areas that cover the "cradle to grave" spectrum of Navy systems acquisition. Utilizing the two lists at Appendix A, each activity will break out its entire FY1993 technical program within any applicable intersections of these two defining schemes (for example, functional support area #5.2 - life cycle work area #3 will identify the activity's level of resources allocated to sensors and surveillance systems, radar systems in advanced development). Definitions for each functional support and life cycle work area are provided in Appendix B for reference.

a. Use the form at Tab A of this data call to provide data on work years and expenditures for FY1993 to support each applicable intersection of functional support areas and life cycle work areas. When necessary, estimate data to the best of your ability

b. Similarly, use the Tab A forms to report separately on your detachments or sites that have not received this data call directly. This data may be consolidated when the detachments or sites perform work in the same area. When necessary, estimate data to the best of your ability.

MANPOWER

4. **Work Breakdown Structure.**

a. Use Table 4.1 (below) to provide data on the general support functions at your activity. Report data as of 31 March 1994. If you are collocated with one of your subordinate base keeper commands (i.e., a NAWS or NAS collocated with a NAWC Division), describe the differences in the functions of each and provide a separate Table 4.1 for the subordinate command. Include this command in the Table 4.1 submission for your Activity.

b. Similarly, use Table 4.2 (below) to provide general support function data for all your detachments or sites that did not receive this data call directly. Consolidate data from all of these detachments into one table (4.2). Provide a list of the detachments whose data is included in Table 4.2. For each identified detachment in this list, include its name, location, UIC, and number of civilian and military personnel onboard.

In addition, if any of your detachments or separate sites not receiving an individual data call have over 50 civilian personnel or own technical facilities, provide separately a description of the site, the functions performed there, photographs showing the facilities and state the reason for that site's existence and the necessity for it to be at that location.

c. Use Table 4.3 (below) to provide estimated data, for your activity only, to reflect the anticipated impact of previous BRAC decisions that have not yet been implemented. This data should provide the deltas from Table 4.1.

NOTES:

[1] Use the following definitions when providing data for the tables below:

Workyears: Consistent with those used in the preparation of inputs to the President's budget.

Contract Workyears: Actual or estimated workyears performed by support contractors with workyears defined consistent with the definition used in the President's budget.

Civilian Personnel Onboard: Full Time Permanent (FTP) employees.

[2] Any categories of personnel that are employed to support other Activities should be noted with the name of the additional Activity supported.

Table 4.1, General Support Resources for NAVEODTECHDIV UIC: N0464A

Function	Space allocated (Gross SQFT)	Work Years	Civilian Personnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/XO/TD/etc.)	4,300	3.8	4	–	2	1
Comptroller	1,600	8.9	9	–	–	–
Admin	15,100	21.5	22	6**	5	–
Human Resources	–	–	–	–	–	–
OPERATIONS SUPPORT						
Supply Management	9,400	7.8	8	3	–	4
Consolidated Computational Computer Support	–	–	–	–	–	–
Information Systems and Communications	7,000	3.0	3	7*	–	4
Safety/OSH/Environmental	2,500	3.0	3	–	–	–

INFRASTRUCTURE						
Physical Security	–	–	–	–	–	–
Public Works/Staff Civil	–	–	–	–	–	
Fire Protection	–	–	–	–	–	–
Fire Protection	-	-	-	-	-	-
Military Support	-	-	-	-	-	-
Air/Waterfront Operations	–	–	–	–	–	–
Other - Technical Library	–	–	–	–	–	–
TECHNICAL STAFF						
Technical Operations		189.0	186***	7	9****	67*****
	283,600	237*****	235***	23	11****	81*****

See Footnotes, next page.

***Includes 4 Navy civilians contracted to EODTD from SEAADSA.**
****Includes 2 Navy civilians contracted to EODTD from IHDNSWC Public Works.**
***** Includes 4 civilians who work for the US Army Technical Detachment, located at EODTD.**
******Includes 4 officers, 1 from each service, Army, Navy, Air Force and Marines, who are located at EODTD.**
*******Includes 23 enlisted personnel assigned to the four service detachments located at EODTD.**
********Workyears differ from President's Budget due to inclusion of 4.0 workyears in the Army Technical Detachment and the functional transfer of the Office of Special Technology to ONR. This was NOT a result of a previous BRAC.**

5. **Technical Staff Qualifications.**

a. Use Table 5.1 (below) to provide data on the civilian personnel allocated to Technical Operations having the educational and experience levels indicated in the table for your activity. Report data as of 31 March 1994. Similarly, use Table 5.2 (below) to provide data for all your separate detachments or sites that did not receive this data call directly. Consolidate data from all of these detachments into one table (5.2). Provide a list of the detachments whose data is included in Table 5.2.

Table 5.1, Technical Staff Education Level for
(Activity: NAVEODTECHDIV) (UIC:N0464A)

Highest Degree Attained	Years of Government and/or Military Service					
	Less than 3 Years	3-10 Years	11-15 Years	16-20 Years	More than 20 Years	Total
Grade School	--	--	--	--	--	--
High School	--	25	16	10	73	124
B.A./B.S	--	27	10	8	8	53
M.A./M.S	--	1	--	--	7	8
Ph.D./ M.D.	--	--	--	--	1	1
Total	--	53	26	18	89	186

*Includes 4 civilians employed by US Army Technical Detachment, located at EODTD.

b. Use Table 5.3 (below) to provide data on the number of civilian personnel allocated to Technical Operations with graduate degrees and at least three years of applicable experience that have their highest degree in the fields indicated. Report data as of 31 March 1994. Similarly, use Table 5.4 (below) to provide data for all your separate detachments or sites that did not receive this data call directly. Consolidate data from all of these detachments into one table (5.4). Provide a list of the detachments whose data is included in Table 5.4

b. Use Table 5.3 (below) to provide data on the number of civilian personnel allocated to Technical Operations with graduate degrees and at least three years of applicable experience that have their highest degree in the fields indicated. Report data as of 31 March 1994. Similarly, use Table 5.4 (below) to provide data for all your separate detachments or sites that did not receive this data call directly. Consolidate data from all of these detachments into one table (5.4). Provide a list of the detachments whose data is included in Table 5.4

(R)

Table 5.3, Technical Staff Academic Fields for (Activity:NAVEODTECHDIV) (UIC: N0464A)

Academic field	Number
Physics	2
Chemistry	1
Biology	0
Mathematics/Statistics/ Operations Research	0
Engineering	2
Medical	0
Dental	0
Computer Science	0
Social Science	2
Other Science	1
Non-Science	1
Total	9

R

c. Are there unique aspects of the activity's location that help or hinder in the hiring of qualified personnel?

Our location is unique in the fact that it is very close (26 miles) to the Washington, D.C. metropolitan area without being located in the city itself. We are able to attract very qualified applicants through the normal recruiting channels as well as through the college recruiting process. Commuting is a pleasure, with most of the drive located in rural southern Maryland with little to no traffic problems. In addition, alot of our civilian employees are retired military explosive ordnance disposal technicians who were stationed here previously and enjoyed the area.

d. List all articles written by the in-house technical staff that were published or accepted for publication in refereed journals since 1 January 1990.

August 1993 - "Audio Guidance for Search Control" published in the Navy Technical Publication Bulletin, Vol. XVIII No. 2

e. List all technical books and/or chapters written by the in-house technical staff that were published or accepted for publication since 1 January 1990.

The books and chapters that we listed are published for a very focused, small set of customers. The majority of the publications are of a classified nature and therefore are not published for public knowledge. (R

8 R 9/1/94

Table 5.3, Technical Staff Academic Fields for (Activity:NAVEODTECHDIV) (UIC: N0464A)

Academic field	Number
Physics	2
Chemistry	1
Biology	0
Mathematics/Statistics/ Operations Research	2
Engineering	48
Medical	0
Dental	0
Computer Science	2
Social Science	4
Other Science	1
Non-Science	2
Total	62

c. Are there unique aspects of the activity's location that help or hinder in the hiring of qualified personnel?

Our location is unique in the fact that it is very close (26 miles) to the Washington, D.C. metropolitan area without being located in the city itself. We are able to attract very qualified applicants through the normal recruiting channels as well as through the college recruiting process. Commuting is a pleasure, with most of the drive located in rural southern Maryland with little to no traffic problems. In addition, alot of our civilian employees are retired military explosive ordnance disposal technicians who were stationed here previously and enjoyed the area.

d. List all articles written by the in-house technical staff that were published or accepted for publication in refereed journals since 1 January 1990.

August 1993 - "Audio Guidance for Search Control" published in the Navy Technical Publication Bulletin, Vol. XVIII No. 2

e. List all technical books and/or chapters written by the in-house technical staff that were published or accepted for publication since 1 January 1990.

Based on EODP-6:

TECH NOTE 386 - Study of Diver Grasping Size Preference - March 90

TECH NOTE 387 - Noise & Measurement Problems Associated With Hardhat Diving Helmets - March 90

TECH NOTE 388 - Equipment Management Department Test Report For Product Improvement Plan of Explosive Actuated Valve - June 90

TECH NOTE 400 - Reduction of Acoustic Signatures of EOD Boats and Motors - 31 Dec 90

TECH NOTE 409 - Magnetic, Acoustic & Seismic Signatures of EOD Boats & Engines - Dec 91

TECH NOTE 411 - Evaluation of Series & Parallel Electric Circuits in the MK 1 Remote Wrench - 1 Jan 92

TECH NOTE 412 - Comparison of Magnetic & Acoustic/Seismic Signature of Honda 4-Stroke & OMC 2-Stroke Outboard Engines - July 92

TECH NOTE 413 - Render Safe Procedures Verification for M3A1 Exocet Missile S&A - 15 September 92

TECH NOTE 414 - Modification of BGM-71A1 (TWO) Missile for Range Testing - 23 September 91

TECH NOTE 415 - Determination of Safe Wait-Time for FMU-143 B/B Bomb Fuze 2300-03-01 - 18 November 91

TECH NOTE 416 - Determine Electronic Functioning of Chilean Bomb Fuze EEA-II - 25 February 92

TECH NOTE 417 - Determine Safe Wait-Time for BLU 108/B Bomb Fuze 2300-03-01 - 18 November 91

TECH NOTE 418 - Underwater Electric Potential (UEP) Signatures of Selected EOD Equipment - September 92

TECH NOTE 419 - Test Report for Human Factors Testing of Four Commercially Available Bomb Suits - May 92

TECH NOTE 421 - Determine Wait-Time Requirements for the BLU-97/B Bomb - 05 January 93

TECH NOTE X - Range Clearance Technology Summary Report - March 90

TECH NOTE XX - Range Clearance Technology Assessment Revision 1 Final Report - March 90

TR-301 - Systems/Subsystems Investigation for a Multi-Sensor autonomous Underwater Vehicle Search System Final Report - April 90

TR-302 - Remote Detection of Unexploded Ordnance Surface-Towed Ordnance Locator Systems (STOLS) Final Report - September 91

TR-303 - Undex Site Survey Report Final Report - September 91

TR-304 - Development of a Semi-Autonomous Mobile System for Ordnance Neutralization (SAMSON) Final Report - January 92

TR-305 - Multi-Sensor Autonomous Underwater Vehicle Search System Final Report - July 91

TR-306 - Magnetometer Search System With V-Fin Controlled Depressor Final Report - May 91

TR-307 - Remote Ordnance Neutralization Device (ROND), Non-Developmental Item (NDI) Final Report - February 92

TR-308 - Remote Detection of Unexploded Ordnance - Ground Penetrating Radar Final Report - February 92

TR-310 - Evaluation Process Design for Prospective EOD Vehicles Final Report - May 92

TR-311 - Technology Assessment for the Detection of Buried Metallic & Non-Metallic Cased Ordnance - Final Report - May 92

TR-312 - Analysis of High Power Microwave Directed Energy Neutralization Test Data Final Report - May 93

W76.96-6 - 2351-02 - UGM-96A C4 Trident - 23 Nov 90

W76.96-6 - 2351-03 - UGM-96A C4 Trident - 23 Nov 90 (Chg 001 10 June 92)

W76.96-6 - 2351-03A - UGM-96A C4 Trident - we Nov 90 (CHG 002 11 June 92)

W76.96A-6 - 4013 - UGM-133 D5, Trident II W76-0/MK 4 RBA - 18 Oct 91

W80.82 - 2352 - Superseded by 18 Oct 91 Issue

W80.82-6 - 2352-01 - Superseded by 18 Oct 91 Issue

W80.82-6 - 2352-02 - Superseded by 18 Oct 91 Issue

W80.82-6 - 2352-03 - Superseded by W80.82-6 CHG 03

W80.82-6 - 2352-03A - Superseded by W80.82-6 CHG 03

W80.82-6 - 2352-04 - Superseded by W80.82-6 CHG 03

W80.82-6 - 2352-05 - Superseded by W80.82-6 CHG 03

W80.82-6 - 2352-06 - Superseded by 18 Oct 91 Issue

W80.82-6 - 2352-07 - Superseded by 18 Oct 91 Issue

W80.82-6 - 2352-08 - Superseded by W80.82-6 CHG 03

W80.82-6 - 2352-09 - RGM/UGM-109A Guided Missile (SLCM) Includes W80 Warhead - 18 October 91

W84.84-6 - 3304 - Ground Launch Cruise Missile

W87.87-6 - 3710 -Superseded by 01 April 91 Issue

W87.87-6 - 3710-01 -Superseded by 01 April 91 Issue

W87.87-6 - 3710-02 - Superseded by 01 April 91 Issue

W87.87-6 - 3710-03 - LGM-118A Guided Missile (Peacekeeper) Includes W87 Warhead - 01 April 91

In addition, from 1 January 1990 through 31 March 1994, the Command has published 1,624 60-Series EOD procedural documents for the joint services.

f. Identify any Nobel laureates employed at this activity.

None.

g. List all non-governmental awards for research or technical excellence given to members of your technical staff since 1 January 1990.

None

h. List all governmental awards for research or technical excellence given to members of your technical staff since 1 January 1990.

None

i. List all patents awarded to the in-house technical staff members of this activity since 1 January 1990.

Patents issued:

1990 - 0
1991 - Patent #5,036,588 "Nonvolatile, Fast Response Wire Cutter"
Patent #4,957,027 "Versatile Nonelectric Dearmer"
1992 - 0
1993 - 0
1994 - None to date

j. List all patents applied for by the in-house technical staff members of this activity since 1 January 1990.

Patent applications accepted include:

1990 - Navy Case #71,644 "Nonvolatile, Fast Response Wire Cutter"
Navy Case #71,907 "Versatile Nonelectric Dearmer"
1991 - 0
1992 - 0
1993 - Navy Case #74,375 "Explosive simulator"
1994 - None to date

1994 - Patent applied for: Low Voltage Shock Tube Initiation

k. Identify any in-house staff that are members of the National Academy of Engineering.

None

l. Identify any in-house staff that are members of the National Academy of Sciences.

None

m. How many Cooperative Research and Development Agreements (CRDAs) have been signed by the activity since 1 January 1990?

None

n. What has been the activity's annual royalty income from CRDAs and patent licenses for each year since 1 January 1990?

FY 93 $250.00
FY 94 $1,877.00

o. List and describe any major end item prototypes, either product or process technology, developed in-house by the activity that are currently in production and/or are currently in use by the U.S. Armed Forces or by industry. Cite a published reference that documents the work.

Under the direction of DOD Dir 5160.62 and in accordance with SECNAVINST 5410.116B, this Command has acted as the configuration manager for and coordinated the development of the following prototypes:

Analyzer, Explosive (EOD), MK 10 MOD 1
Bladder, Flotation, MK 2 MOD 1
Blasting Machine, MK 1 MOD 1
Cable Connector
Cartridge, CO2 38 gram
Cartridge, Cal .50 Blank (electrically initiated)
Cartridge, Electric, .50 Cal Blank MK 209 MOD 0
Charge, EOD
Container, Blasting Cap (10 Cap), MK 663 MOD 0
Container Kit, Cavity Charge EOD MK 534 MOD 0
Crimper, EOD, Blasting Cap, M-2 Plier type w/Fuze Cutter
Cutter, Powder Actuated, MK 23 MOD 0
Cutter, Powder Actuated, MK 24 MOD 0
Explosive Device Container, MK 634 MOD 0

Explosive Device Container, MK 634 MOD 1
Fiberscope, EOD MK 1 MOD 0
Fuze Neutralization Kit, EOD MK 127 MOD 0
Generator, Shock Wave, EOD
Locator, Ferrous Ordnance (Underwater), MK 25 MOD 0
Locator, Ordnance, MK 22 MOD 0
Locator, Ordnance, MK 24 MOD 0
Locator, Ordnance, MK 26 MOD 0
Locator, Ordnance (All Metals), MK 29 MOD 0
Mechancal Remote Fuze Disassembly Kit, MK 121 MOD 0
Mortar Extractor Kit, MK 178 MOD 0
Navigation System, MK 3 MOD 0
Receiver, Underwater, Acoustic, MK 72 MOD 0
Remote Control EOD Tool and Equipment Transporter (RCT) MK 2 MOD 0
Shaft Liner Kit, MK 112, MOD 0
Shaped Charge, Flexible Linear
Sonar Search System
Sonar Set, AN/PQS-2A
Steam Generator (EOD) MK 62 MOD 0
Tool Set, MK 1 MOD 3
Tool Set, MK 2 MOD 1
Tool Set, MK 3 MOD 5
Tool Set, MK 23 MOD 1
Tool Set, MK 26 MOD 0
Tool Set, MK 27 MOD 0
Tool Set, MK 31 MOD 1
Tool Set, MK 32 MOD 0 (X-ray)
Tool Set, MK 32 MOD 1 (X-ray)
Tool Set, MK 36 MOD 0
Tool Set, MK 37 MOD 0
Torch, Cutting, MK 2 MOD 0
Underwater Breating Apparatus, MK 16 MOD 1
Valve, Explosive Actuated

EOD Equipment in Development

Configuration Item

Monitor, Reconnaissance, Remote Controlled (RECORM) MK 50 MOD 0
Neutralization System, Remote Ordnance (RONS), EX 3 MOD 0

SPECIAL FACILITIES AND EQUIPMENT

6. **Special Facilities/Equipment Resources.** Include a copy of the form provided at Tab B of this data call for each facility and "major" piece of equipment located at this activity. Include information on separate detachments. The following definitions will apply:

Facilities - Will include such things as rocket firing bays, towing tanks, anechoic chambers, hypervelocity gun ranges, hyperbaric chambers, wind tunnels, simulation/emulation laboratories, etc. Include buildings that are integral to the facility/equipment. Do not include major outdoor ranges or land.

Also, describe modeling and simulation capabilities, hardware in-the-loop facilities and analysis or wargaming capabilities.

Equipment - Resources used to support the operation of the site with a replacement value of $500,000 or greater. Do not include land or buildings in this category. In reporting equipment, provide information to indicate the degree of portability of the equipment. Class 3 Personal Property items ("plant equipment" or "equipment in place") by definition are highly portable and can be moved easily. Some Class 2 Installed Equipment, such as Main-frame computers, test stands and small hyperbaric chambers, require more extensive utilities support and assembly of components, but can be relocated without damage to the facility or equipment, and therefore are considered "moveable" assets. Other Class 2 items are so large and/or integral to the facility that houses them that major demolition and construction would be required to relocate them, and therefore are considered "fixed" assets. Where appropriate, pieces of equipment can be aggregated for the purposes of completing Tab B.

7. **General Facilities.**

a. Is there any cash revenue generated by this activity? Example: Electricity generated at this activity and sold to the local community. If yes, describe. No.

b. What MILCON projects are currently programmed to be completed by the end of FY1995? For each project provide: NONE

(1) A description of the proposed facility with title and project number. Be sure to include the trailing alpha designator for BRACs-88, 91 and 93 realignment projects, i.e., P-xxxR, P-xxxS, P-xxxT .

(2) The functional support area(s) that the new facility will support. Refer to Appendix A.

(3) Identify installed equipment to be provided based on the threshold guidance of paragraph 6, page 12, of this data call.

(4) The additional square footage that this project will provide to the functional support area(s).

(5) The current working estimate (CWE) & planned beneficial occupancy date (BOD) of the project.

c. What MILCON projects are currently programmed to be executed/completed after FY1995? For each project provide: **None. One project, P-759, Magnetic Signature Test Facility, is not yet programmed.**

(1) A description of the proposed facility with title and project number.

(2) The functional support area(s) the new facility will support.

(3) The identified installed equipment to be provided based on the threshold guidance of paragraph 6, page 12, of this data call.

(4) The additional square footage this project will provide to the functional support area(s).

(5) CWE & planned BOD.

d. What is the distance (in miles) to the nearest military airfield and/or pier not located at your site? Describe. Assume all previous BRAC closures have been executed.

Quantico U. S. Marine Reservation, Quantico, VA, has the nearest military airfield and pier, 2 miles away across the Potomac River. By road Quantico is 56 miles away. Andrews Air Force Base is the nearest military airfield by road, 27 miles away. Washington Navy Yard 32 miles away, has the nearest pier by road.

e. How many certified magazines, used for the storage of explosives, does this activity own or control? What is the total explosive weight storage capacity?

We utilize 18 certified magazines as a tenant activity of IHDNSWC. The total explosive weight storage capacity of those 18 magazines is 486,000 pounds (Net Explosive Weight "NEW"). These magazines are in support of joint service EOD foreign ordnance exploitation, not for stowage of Navy or DOD ordnance stock items.

LOCATION

8. **Geographic Location.**

a. Is there an imperative in facility, function or synergy that requires the installation/base/facility to be in its present location? If yes, describe.

Yes. We have several unique, state-of-the-art facilities which are essential to successful performance of our Joint Service EOD mission. While these facilities have separate and distinct functions, they are interrelated to support our core business functions. The Munitions Disassembly Complex was completed in FY 92 at a cost of $8.8M including collateral equipment and contains equipment required to safely and remotely disassemble ordnance. Physical, chemical, and functional data are documented by photography, x-ray, and precise measurement equipment. The Ordnance Countermeasures Laboratory, completed in FY 93 at a cost of $4.9M, houses various laboratories for robotics, electronics, chemistry and toxicology, equipment assembly and others. Our publications process (60-Series EOD manuals) is housed here, as well as our Technical Library, which is utilized on a daily basis for research in support of the development of render safe procedures on domestic and foreign ordnance. We have an explosive test range which has a 60-pound limit that is utilized to validate and verify techniques and procedures developed in support of Service requirements. In addition, there is a hyperbaric test chamber capable of simulating water depths to 300 feet with a controlled environment for 38-130 degrees F for equipment evaluation and diver life support systems development. The facility also includes a recompression chamber to support diver safety. Additional support of our EOD tools and equipment is provided via a magnetometry test facility with a stable-background magnetic field which is maintained for low-level static and dynamic magnetic anomaly testing to certify special tools used on magnetically sensitive devices. Support for the area clearance portion of our mission is provided by a 20-acre test facility containing diverse buried ordnance items with precisely known orientation, depth and geographic location. Sensors and search systems for range clearance are tested for effectiveness and reliability. Other factors in support of retaining our geographic location are our proximity to Naval Ordnance Center headquarters and the fact that we are a tenant activity of Naval Surface Warfare Center, Indian Head Division, from whom we are supported by base operating support funding and from whom we purchase additional support services. This allows us to remain lean and efficient.

b. What is the importance of the present location relative to customers supported?

Proximity to our customers is not a crucial element because our true customers are the EOD technicians stationed at the mobile units all over the world. However, because of the nature of the joint service EOD program, our location is convenient to the joint service action officers who periodically visit from their offices at the Pentagon.

FEATURES AND CAPABILITIES

9. **Computational Facilities.**

a. Describe the general and special computational capabilities at this site. Include super computing, parallel computing, distributed computing and networking. Include high-speed data transfer, fiber optic links, microwave links, network interconnectivity and video teleconferencing capabilities. Do not discuss desktops and laptops except as they relate to networking.

The NAVEODTECHDIV LAN is comprised of 2.2km of fiber optic cable, that connects all major buildings. A broadband system that provided the initial network connectivity serves as a backup. The LAN connectivity is enabled and managed with seven prime enterprise hubs with multiple integrated ethernet segments. The hubs do provide for future high-speed implementation of FDDI or ATM technologies as need and funding are determined. All workstations are connected with 10BaseT cabling. A high-speed microwave link connection between this activity and our host activity (IHDNSWC) is approved and being worked at this time. This link will replace the existing fractional T1 (64kb) line now in operation. Several mission critical applications are distributed across miltiple Unix hosts and Netware servers. These operations satisfy both classified and unclassified requirements. The network provides over 300 users with direct access to many shared resources. These include:

a) Internet access and the associated set of options such as Telnet, FTP, etc.

b) External communication services/remote access to other activities;

c) An entire suite of office automation applications for DOS and Windows;

d) Email;

e) Centralized CDrom and Fax services;

f) Dial-in service for buildings not connected by the backbone media; and

g) ALL unclassified UNIX and Netware hosts are currently operating under the Open Systems Environment.

10. **Mobilization Responsibility and Capability**

a. Describe any mobilization responsibility officially assigned to this site. Cite the document assigning the responsibility.

Continued support in wartime of the following functions:

Conduct exploratory, advanced, and engineering development leading to the design and acquisition of special tools and equipment for use in the detection, location, access, identification, render safe, recovery, and disposal of all types of explosive ordnance;

Establish and maintain a unified procurement system for special EOD tools and equipment. Conduct first article inspection and production lot acceptance testing of special EOD tools and equipment and ensure compliance with quality standards. Receive, maintain under proper surveillance, and account for explosives, explosive ordnance material, special tools and equipment;

Provide explosive ordnance disposal technology and threat briefings, selected foreign munition training aids and general technology support for Naval School and Joint Service EOD field and fleet commands;

Support the foreign ordnance material data base established for the Defense Intelligence Agency and related activities. Acquire and evaluate domestic and foreign munitions of all types to provide a munitions data base for Joint Service EOD publications;

Conduct engineering development, validation, and verification of Explosive Ordnance Disposal procedures for domestic and foreign munitions. Develop, publish, maintain stock, and issue EOD publications for Joint Service use;

Conduct and coordinate in-service engineering and depot level maintenance for Navy and other service EOD tools and equipment in accordance with depot maintenance inter-service agreements (DMISA) and assigned swimmer weapons systems (SWS) equipment;

Provide those specialized EOD technology and management capabilities required within the Department of the Navy for clearing contaminated test ranges and other areas of unexploded ordnance items which have become a hazard to life and property. Maintain a pool of necessary specialized EOD equipment for use by Naval Activities and other executive agencies for range clearance.

Maintain a rapid response technology support group for countering Improvised Nuclear Devices as required by the Joint Memorandum of Understanding between the Departments of Defense and Energy and the FBI.

Provide in-service engineering support for low influence life-support, and related systems, under the cognizance of Naval Sea Systems Command.

Mobilization responsibilities are promulgated by the Naval Sea Systems Command Logistics Support Mobilization Plan (NAVSEA LSMP), OPR 0341B Ser 03/0158 S-664 of 08 November 1991.

(1) What functional support area(s) does this responsibility support? Refer to Appendix A for the list of functional support areas.

Functional support areas:
2.14 Explosive Ordnance Disposal

(2) What portion of the work years and dollars, as reported in each applicable functional support area reported in Tab A, are spent solely on maintaining your activity's readiness to execute the mobilization responsibilities?

Reserve workyears and dollars are not reported in Tab A. All reserve workyears and associated funding are spent in support of functional support area 2.14, Explosive Ordnance Disposal. Reserve workyears equal 5.23.

(3) How may additional personnel (military & civilian) would be assigned to your activity as part of the mobilization responsibility? Include separately any contractor assets that would be added.

40 military
23 civilians

b. Does your activity have adequate facilities to support your mobilization responsibilities? (yes/no)

Yes

(1) If yes, is any space assigned for the sole purpose of maintaining mobilization readiness? (yes/no) If yes, list the square footage assigned.

Yes, 1500 sq ft

(2) If no, what repairs, renovations and/or additions are required to provide adequate facilities? What is the estimated cost of this work?

(3) Are there any restrictions that would prevent work (noted in paragraph 10.b.(2) above) from taking place (i.e., AICUZ, environmental constraints, HERO, etc.)? If yes, describe.

No

c. Describe any production facilities that would be activated in case of a future contingency.

None

d. Is your activity used as a Reserve Unit mobilization and/or training site?

Yes, an augmentation Naval reserve unit whose members perform monthly weekend drills and two weeks active duty per year train in their mobilization billets at this activity.

11. **Range Resources.** Include a copy of the form provided at Tab C of this data call for each range located at this activity or operated by this activity. Also, report ranges at detachments and sites not receiving a separate data call. The following definition of a range will apply:

Range - An instrumented or non-instrumented area that utilizes air, land, and/or water space to support test and evaluation, measurements, training and data collection functions, but is not enclosed within a building.

QUALITY OF LIFE-

Responses to this section are being submitted by our host and plant account holder - Naval Surface Warfare Center Indian Head Division (UIC N00174) on a coordinated basis for itself and all tenants.

12. **Military Housing**

(a) Family Housing:

(1) Do you have mandatory assignment to on-base housing? (circle) yes no

(2) For military family housing in your locale provide the following information:

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

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

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

R

REQUEST FOR CLARIFICATION
from Base Structure Analysis Team (BSAT)

Data Call #5 Question #23

Indian Head Division Detachment Yorktown, VA

1993 Crime Rates per 100,000 population for York County Virginia.

Violent Crimes

191

Property Crimes

2,943

Drug Crimes

214

Lester Leonard Code 9310 (804) 887-4718 9/15/94

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVEODTECHDIV
Functional Support Area	2.14 EXPLOSIVE ORDNANCE DISPOSAL
Life Cycle Work Area	EXPLORATORY DEVELOPMENT

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

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget. _11.1_WYs

NOTE: Workyears include military workyears, but exclude G&A and indirect, therefore they will not match President's budget.

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K)1,677

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. $(K)7,224

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. $(K)_0

Note:
In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

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

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVEODTECHDIV
Functional Support Area	2.14 EXPLOSIVE ORDNANCE DISPOSAL
Life Cycle Work Area	ADVANCED DEVELOPMENT

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

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget. 25.0 WYs

NOTE: Workyears include military; but exclude G&A and indirect; therefore will not match President's Budget.

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K)3,579

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. $(K)9,507

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. $(K)1,687

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

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

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVEODTECHDIV
Functional Support Area	2.14 EXPLOSIVE ORDNANCE DISPOSAL
Life Cycle Work Area	ENGINEERING & MFG DEVELOPMENT

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

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget. 38.8 WYs

NOTE: Workyears include military; but exclude G&A and indirect; therefore will not match President's Budget.

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K)4,545

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. $(K)1,192

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. $(K) 325

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

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

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVEODTECHDIV
Functional Support Area	2.14 EXPLOSIVE ORDNANCE DISPOSAL
Life Cycle Work Area	RDT&E MGMT SUPPORT

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

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget. __0_____WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K) 800

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. $(K)_____

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. $(K)_____

Note:
In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

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

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVEODTECHDIV
Functional Support Area	2.14 EXPLOSIVE ORDNANCE DISPOSAL
Life Cycle Work Area	ACQUISITION - PRODUCTION

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

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget. __0_WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K)___0_____

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. $(K)2,710

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. $(K)_75

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

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

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVEODTECHDIV
Functional Support Area	2.14 EXPLOSIVE ORDNANCE DISPOSAL
Life Cycle Work Area	ACQUISITION ACCEPTANCE TESTING

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

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget. 8.1 wys

NOTE: Workyears include military, but exclude G&A and indirect; therefore will not match President's Budget.

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K)1,184

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. $(K) 35

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. $(K) 0

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

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

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVEODTECHDIV
Functional Support Area	2.14 EXPLOSIVE ORDNANCE DISPOSAL
Life Cycle Work Area	ACQUISITION PROGRAM SUPPORT

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

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget. 6.8_WYs

NOTE: Workyears include military, but exclude G&A and indirect; therefore will not match President's Budget.

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K) 951

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. $(K)_1,252

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. $(K)_0

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

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

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVEODTECHDIV
Functional Support Area	2.14 EXPLOSIVE ORDNANCE DISPOSAL
Life Cycle Work Area	LIFETIME SUPPORT IN-SERVICE ENGINEERING

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

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget. 11.4 WYs

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K)_1,560

b. **Out-of-House Expenditures**. Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. $(K)__0

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. $(K)__0

Note:
In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

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

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVEODTECHDIVISON
Functional Support Area	2.14 EXPLOSIVE ORDNANCE DISPOSAL
Life Cycle Work Area	LIFETIME SUPPORT MAINTENANCE

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

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget. ___19.6 WYs

NOTE: Workyears include military, but exclude G&A and indirect, therefore will not match President's budget.

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K)_2,213

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. $(K)_321

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. $(K)__0____

Note:
In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

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

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVEODTECHDIV
Functional Support Area	2.14 EXPLOSIVE ORDNANCE DISPOSAL
Life Cycle Work Area	LIFETIME SUPPORT REPAIR

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

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget. _3.6_WYs

NOTE: Workyears include military, but exclude G&A and indirect, therefore will not match President's Budget.

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K)_555

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. $(K)_0___

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. $(K)___0_____

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

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

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVEODTECHDIV
Functional Support Area	2.14 EXPLOSIVE ORDNANCE DISPOSAL
Life Cycle Work Area	LIFETIME SUPPORT PROGRAM SUPPORT

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

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget. _9.3_WYs

NOTE: Workyears include military, but exclude G&A and indirect; therefore will not match President's Budget.

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K)_1,202_____

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. $(K)_566

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. $(K)___0____

Note:
In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

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

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVEODTECHDIV
Functional Support Area	4.2 COASTAL/SPECIAL WARFARE SUPPORT
Life Cycle Work Area	ADVANCED DEVELOPMENT

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

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget. 16.4WYs

NOTE: Workyears include military workyears; but exclude G&A and indirect; therefore will not match President's Budget.

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K)2,894

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. $(K)4,822

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. $(K)_____

Note:
In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

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

TECHNICAL FUNCTIONS
FUNCTIONAL SUPPORT AREA/LIFE CYCLE WORK AREA FORM

Technical Center Site	NAVEODTECHDIV
Functional Support Area	4.2 COASTAL/SPECIAL WARFARE SUPPORT
Life Cycle Work Area	ACQUISITION - PROGRAM SUPPORT

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

1. **In-House Work Years.** Provide the number of in-house government employee (civilian and military) work years for FY1993 that were performed in this functional support area - life cycle work area. Workyears are to be consistent with those used in the preparation of inputs to the President's budget. __1.9_WYs

NOTE: Workyears include military workyears; therefore will not match President's Budget.

2. **Expenditures.**

a. **In-House Expenditures.** Provide the total in-house cost in FY1993 for this functional support area - life cycle work area. $(K) 441

b. **Out-of-House Expenditures.** Provide the total funds expended during FY1993 for this functional support area - life cycle work area. **Do not** include direct cite funding. $(K) 1,406

c. **Direct Cites.** Provide total direct cite funds expended on contract during FY1993 for this functional support area - life cycle work area. $(K)_0

Note:

In-House Expenditures - Is comprised of the total obligation authority for direct labor, direct material, direct travel, direct equipment, direct computer support, other direct support services and all overhead.

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

SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Technical Center Site	Naval EOD Technology Division - Munitions Disassembly Complex
Facility/Equipment Nomenclature or Title	Munitions Disassembly Complex

1. State the primary purpose(s) of the facility/equipment.

The purpose of this facility is to disassemble ordnance, first-seen, foreign, and/or domestic, for the development of render safe procedures to be utilized in 60-series publications. Physical, chemical, and functional data are documented by photography, X-ray, and precise measurement equipment.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by paragraph 6, page 12 of this data call.

Fixed.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

$5.3M is the replacement cost of the structures.
$3.5M is the replacement value of the collateral equipment located within the structures.

4. Provide the gross weight and cube of the facility/equipment.

194,920 cu ft.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

220 Volt electric; compressed air.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Special blow-off roof; explosive proof walls; radiation safe walls, alarms, perimeter control.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

This facility consists of ten separate explosive safe structures and is unique to the Department of Defense. There is no other remotely operated disassembly facility in the United States. Cost to replicate this facility would exceed $9M. Impact to the Department of the Navy (DOD) would be the inability to safely disassemble and develop render safe procedures on foreign, domestic and first-seen ordnance. This would result in a lack of reliable information for the EOD technician in the field, and would result in loss of life. Through the use of our unique human, technological and structural resources, such as our munitions disassembly complex, we ensure that the EOD technicians have the best information, technology and equipment at all times.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

MILCON project P-088, Munitions Disassembly Complex was completed in FY 92.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. Refer to Appendix A for the list of functional support areas.

Functional support area 2.14, Explosive Ordnance Disposal, is supported by this facility.

11. Provide the historical utilization average for the past five fiscal years (1989-1993). Define the unit of measure used.

1989: 1,947 individual munitions completed*
1990: 1,464 individual munitions completed
1991: 1,540 individual munitions completed
1992: 764 individual munitions completed
1993: 729 individual munitions completed**

*MILCON construction began -- technicians began spending time coordinating the construction and planning efforts.
**Beneficial occupancy date of the complex was July of 1993, production of standard operating procedures occured between July and September.

12. Provide the projected utilization data out to FY1997.

1994: 800-2500 individual munitions*
1995: 1000-1500 individual munitions
1996: 1500-2000 individual munitions
1997: 2000-2500 individual munitions

*Includes up to 1,500 off station items in support of DOD intelligence agencies.

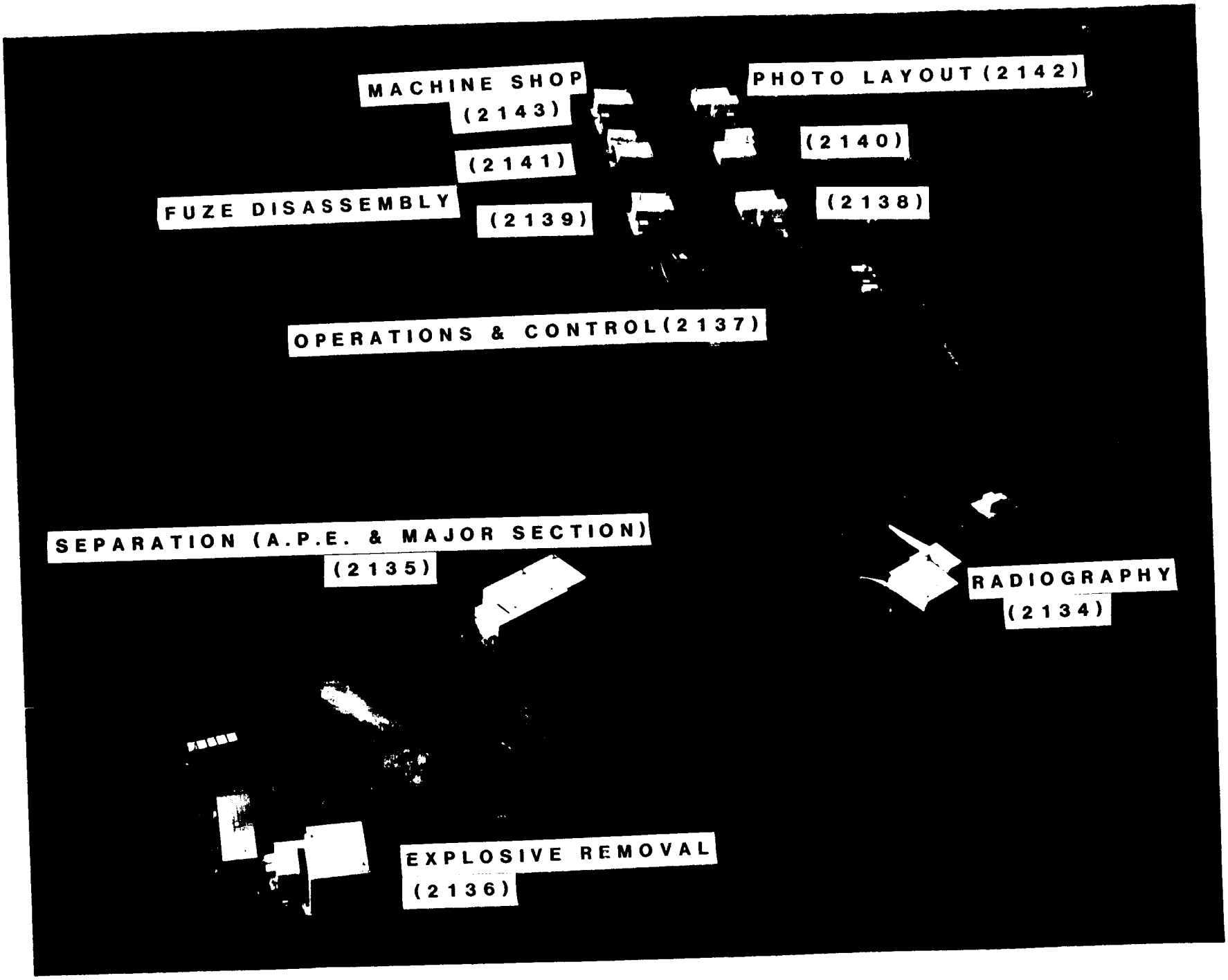
13. What is the approximate number of personnel used to operate the facility/equipment?

Personnel required to operate the facility at 100% capacity is: 6 civilian disassembly technicians, 5 assistant disassembly technicians (military personnel), 1 Branch Head (civilian disassembly technician); 1 ordnance exploitation division head; 2 machinery equipment maintenance technicians, and 1 audio visual technician; for a total of 16 personnel. We currently have on board 9 personnel (4 civilian disassembly technicians, including supervisors; and 5 military disassembly technicians).

14. What is the approximate number of personnel needed to maintain the equipment?

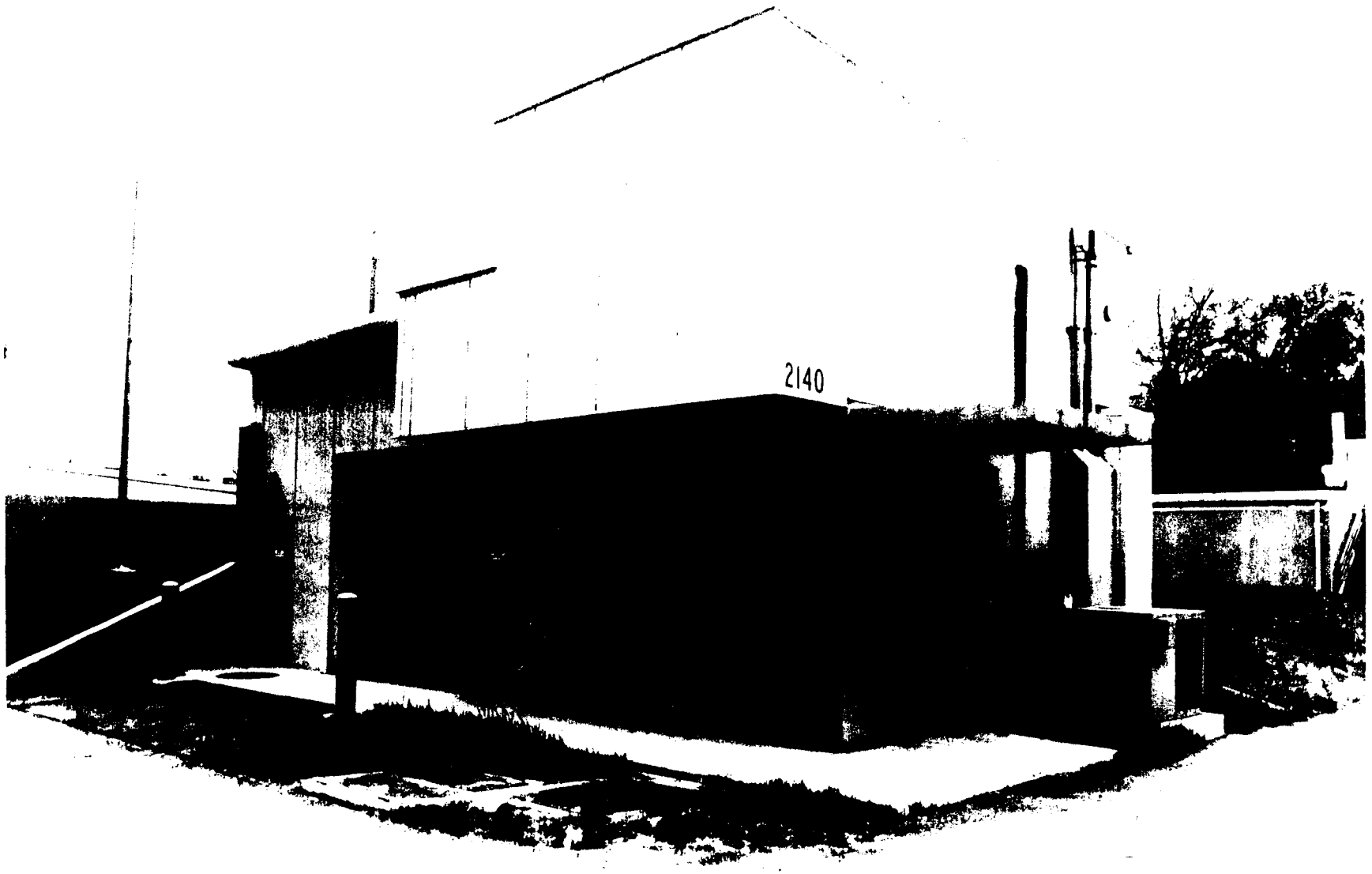
Two equipment maintenance technicians are required to properly maintain the equipment.

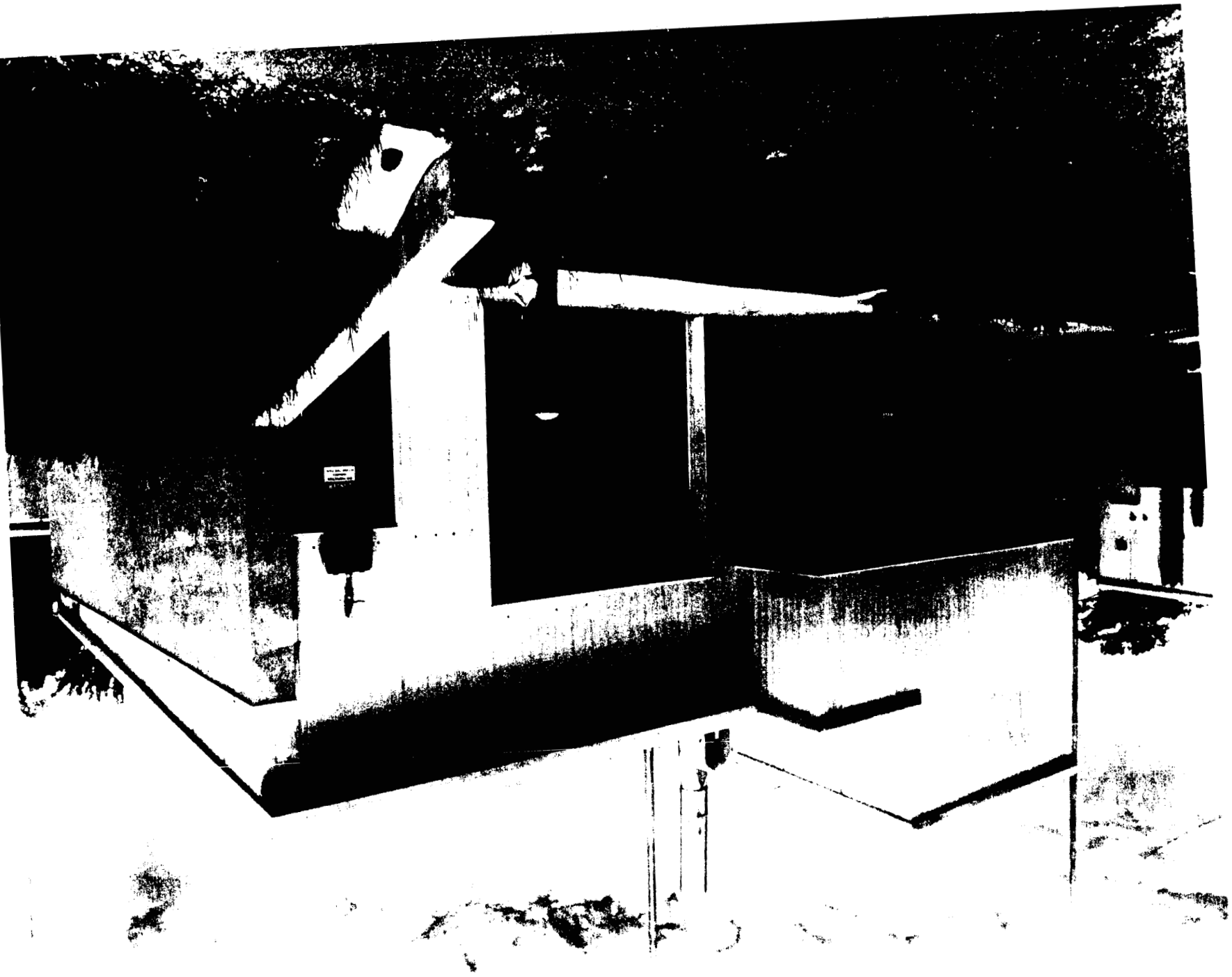
15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.

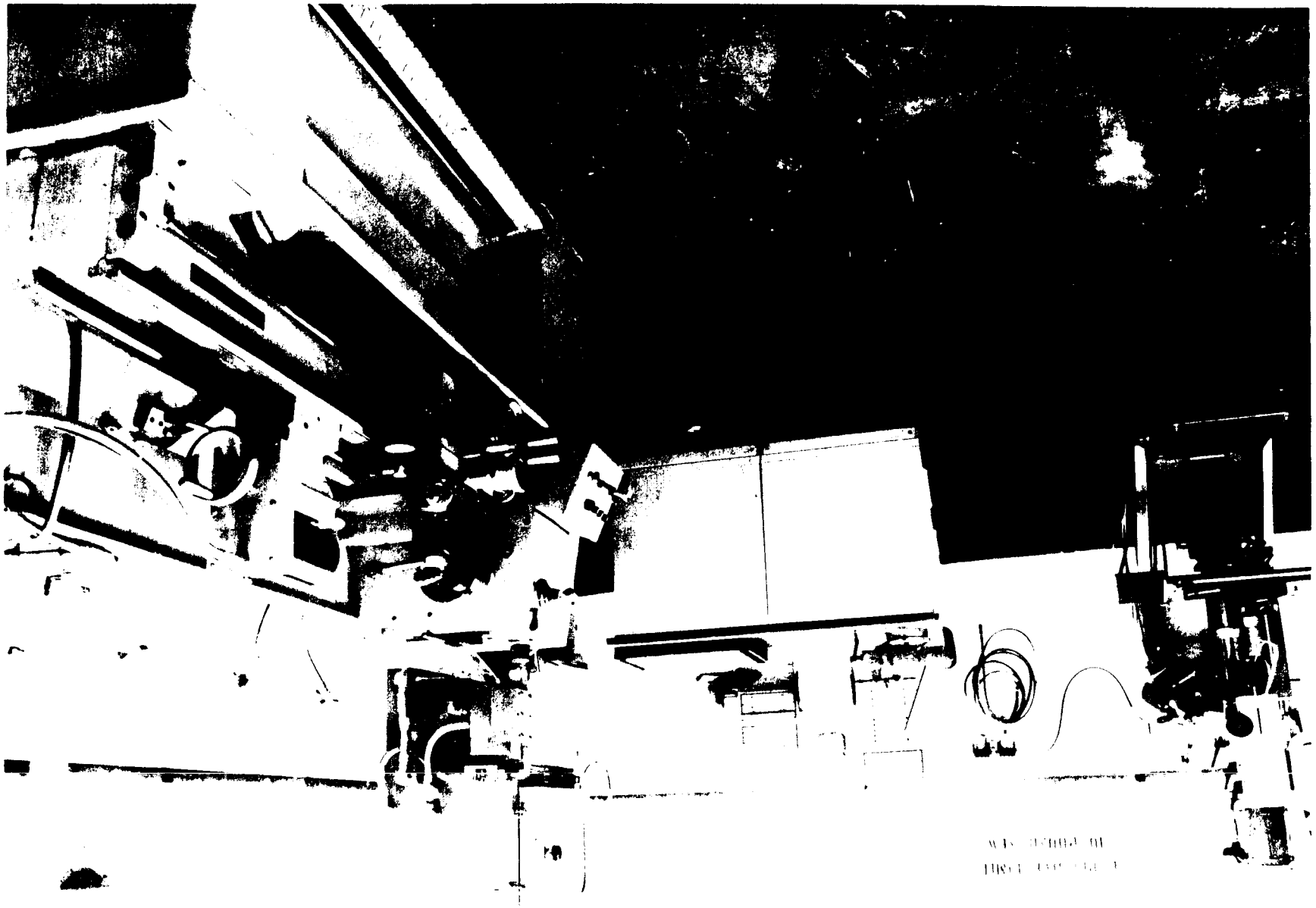

MACHINE SHOP
(2143)
PHOTO LAYOUT (2142)
(2141)
(2140)
FUZE DISASSEMBLY
(2139)
(2138)
OPERATIONS & CONTROL (2137)
SEPARATION (A.P.E. & MAJOR SECTION)
(2135)
RADIOGRAPHY
(2134)
EXPLOSIVE REMOVAL
(2136)

2138


2139
DANGER


2140

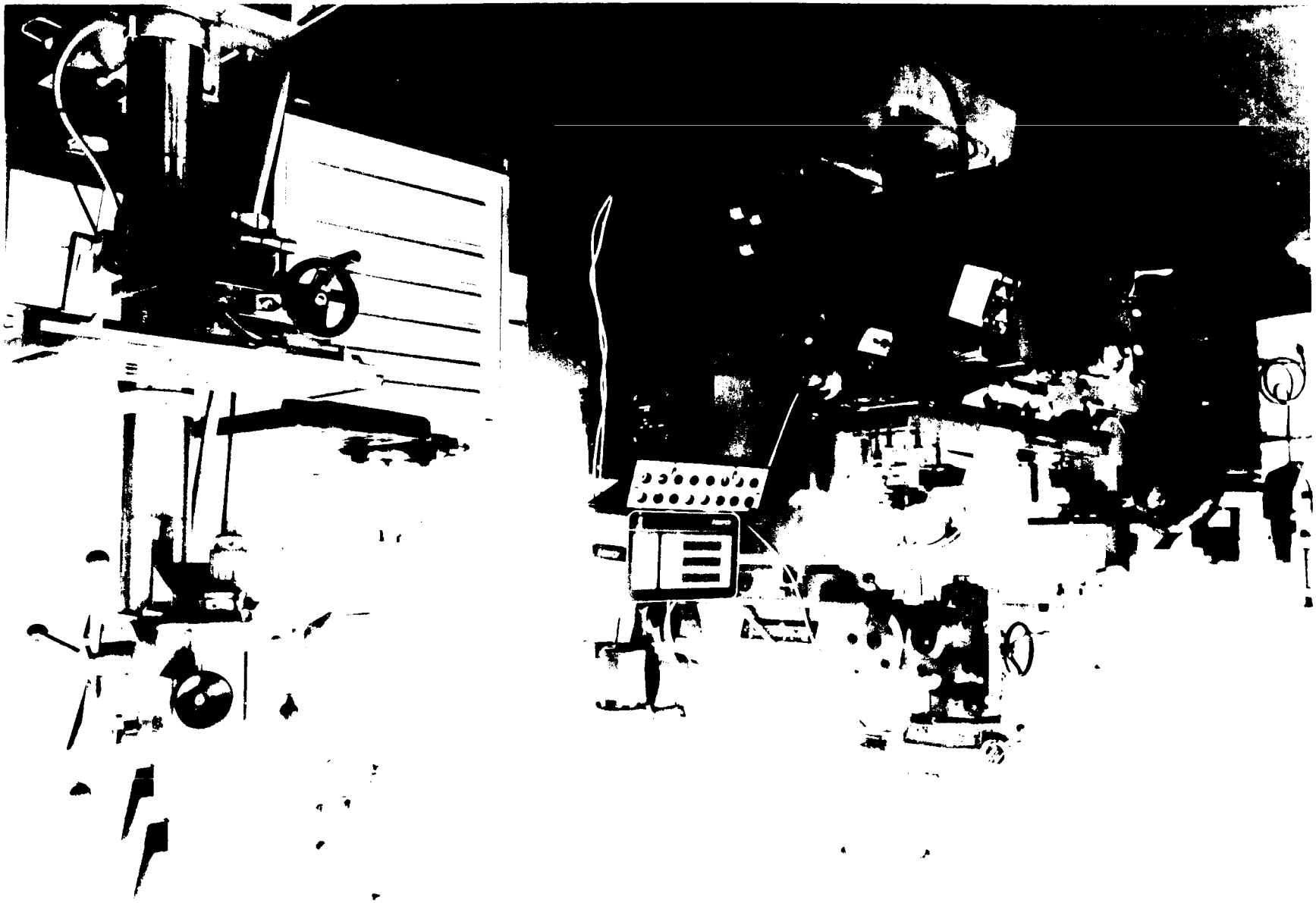


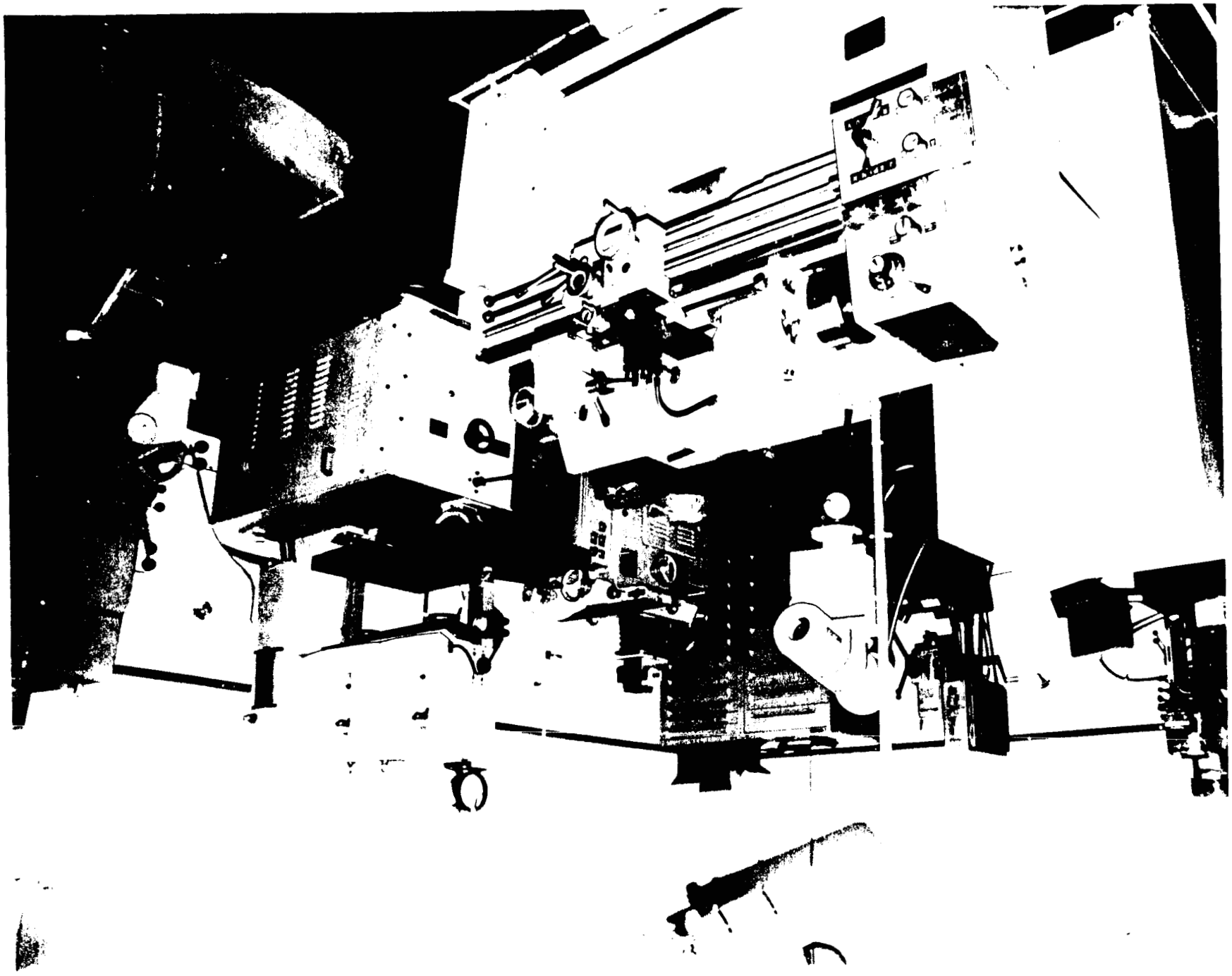


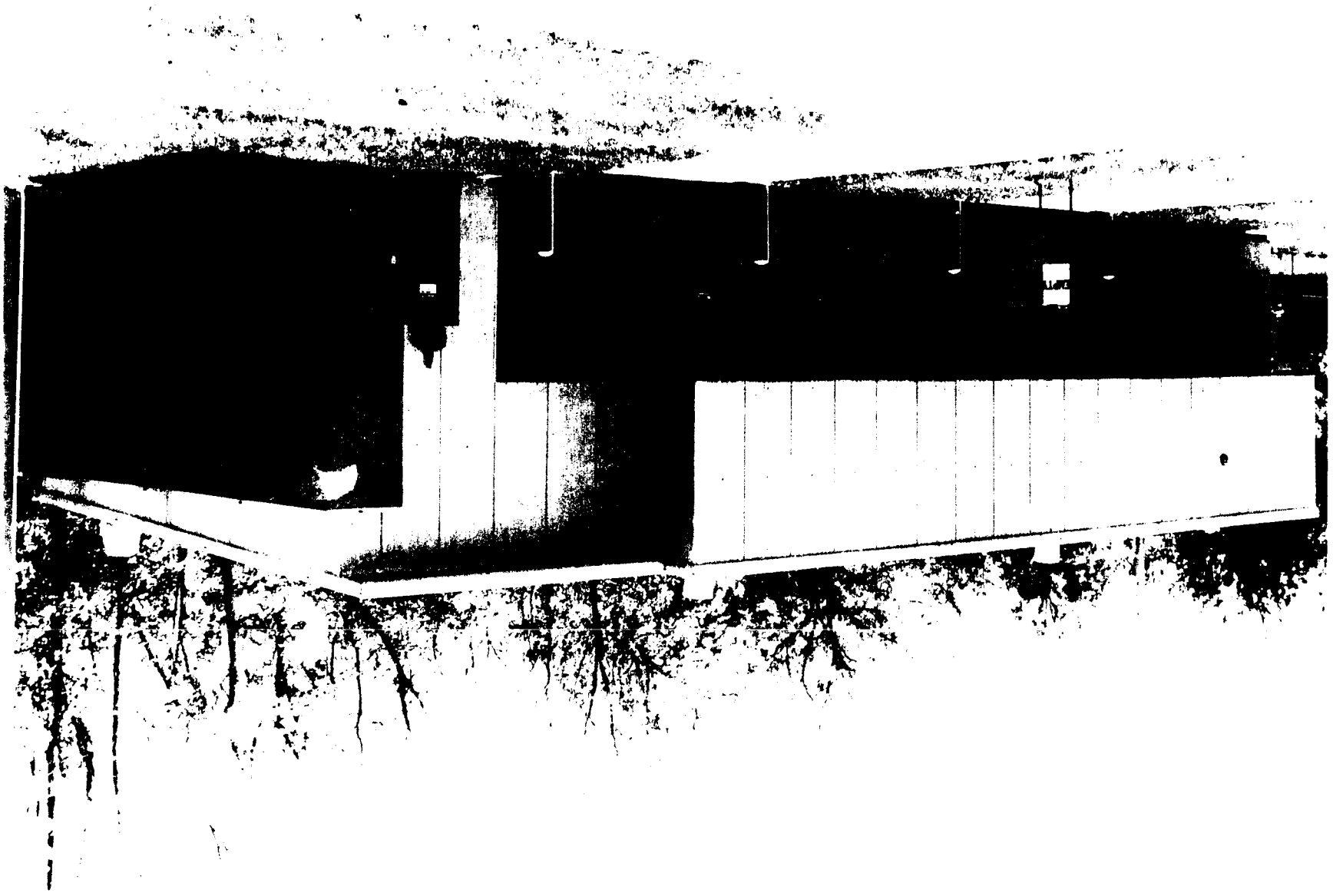
2142

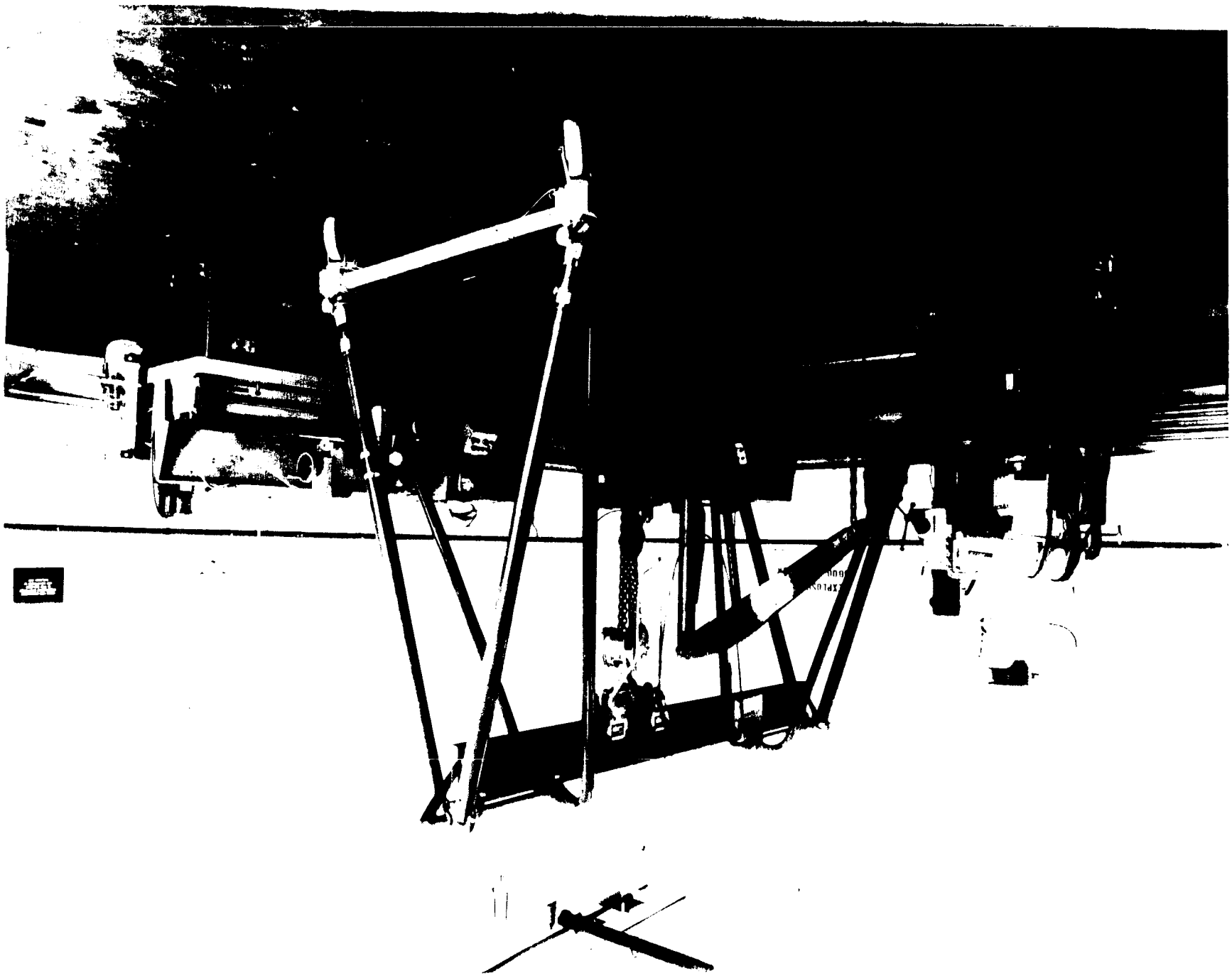
2143

GILBERT









SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Technical Center Site	Naval EOD Technology Division Bldg. 2009
Facility/Equipment Nomenclature or Title	Munitions Radiographic Laboratory

1. State the primary purpose(s) of the facility/equipment.

Although this is partially a separate facility, it is an integral part of our munitions disassembly complex. The facility's main mission is to support the disassembly of ordnance in support of the Joint Service EOD program. Without the radiography support, the disassembly of ordnance could not be performed safely. During ordnance disassembly operations, each item will be x-rayed to provide the disassembly specialist with information on how the item and components are aligned. All first-seen items are required to be x-rayed prior to developing a disassembly procedure or prior to being disassembled. In the disassembly operations process the ordnance item may be required to be x-rayed many times. The x-ray facility allows this to be accomplished safely as the ordnance item may be too dangerous to transport during its various stages of disassembly. Xrays of live ordnance are performed in building 2134 of the Munitions Disassembly Complex. Non-destructive testing is performed in building 2009. All xray operations were conducted in building 2009 prior to FY 93.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by paragraph 6, page 12 of this data call.

Fixed.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

$957,000 for the facility; $565,000 for the radiographic equipment. Facilities costs of building 2134 are included in the Munitions Disassembly Complex description.

4. Provide the gross weight and cube of the facility/equipment.

62,244 cu ft. (building 2009)

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

Building 2009 was reinforced in or around 1960 for the storage of radioactive material. The outside walls of the

building are constructed of 18 inches of high density concrete for shielding radiation during x-ray and gamma radiography operations. This is to ensure that the radiation level at the fence line will not be above 2 millrem per hour and 100 millrem in any calendar year. For both buildings, the inside wall between the exposure room and the control room is 5 feet thick with two lead doors at the entrance. Entrance locks and alarms to detect radiation levels above 2 millrem per hour are in place which meet the Navy Radiation Safety Regulations and 10 CFR Parts 30 and 34. Inside the exposure room of builidng 2009 are ten lead lined vaults to store the gamma source projectors as required by this Command's Navy Radioactive Material Permit and to secure them from unauthorized use. The vaults are constructed of concrete and lined with lead for shielding.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Humidity control is required for the storage of x-ray film.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

The munitions radiography laboratory is critical to the performance of render safe procedures on all explosive ordnance. Due to the requirements for the safe containment of radioactive material and operation of an x-ray operation, it would be extremely difficult to replicate this function at another site. In addition, since the render safe procedures cannot be accomplished without this function, it would be impossible for us to perform our joint service EOD mission. The impact to the Department of the Navy of the loss of this function is clearly described on the page associated with the Munitions Disassembly Complex, above.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Building 2009 was constructed in 1944. New radiographic equipment was purchased with capital investment funds in FY 93. Building 2134 was constructed as part of P-088, in FY 92.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. Refer to Appendix A for the list of functional support areas.

Functional support area 2.14 - Explosive ordnance disposal.

11. Provide the historical utilization average for the past five fiscal years (1989-1993). Define the unit of measure used.

1989: 1947 ordnance items xrayed
1990: 1464 ordnance items xrayed
1991: 1540 ordnance items xrayed; performed 3 non-destructive test (NDT) inspections of tool sets
1992: 764 ordnance items xrayed; performed 2 NDT inspections of tools sets;
evaluated a real-time x-ray system for the Office of Special Technology; and
provided NDT support for NAVSEA on the recompression chamber
1993: 729 ordnance items xrayed; evaluated real-time xray system to replace or upgrade current xray tool set used by Joint Service EOD

12. Provide the projected utilization data out to FY1997.

1994: 800-2500 ordnance items
1995: 1000-1500 ordnance items
1996: 1500-2000 ordnance items
1997: 2000-2500 ordnance items

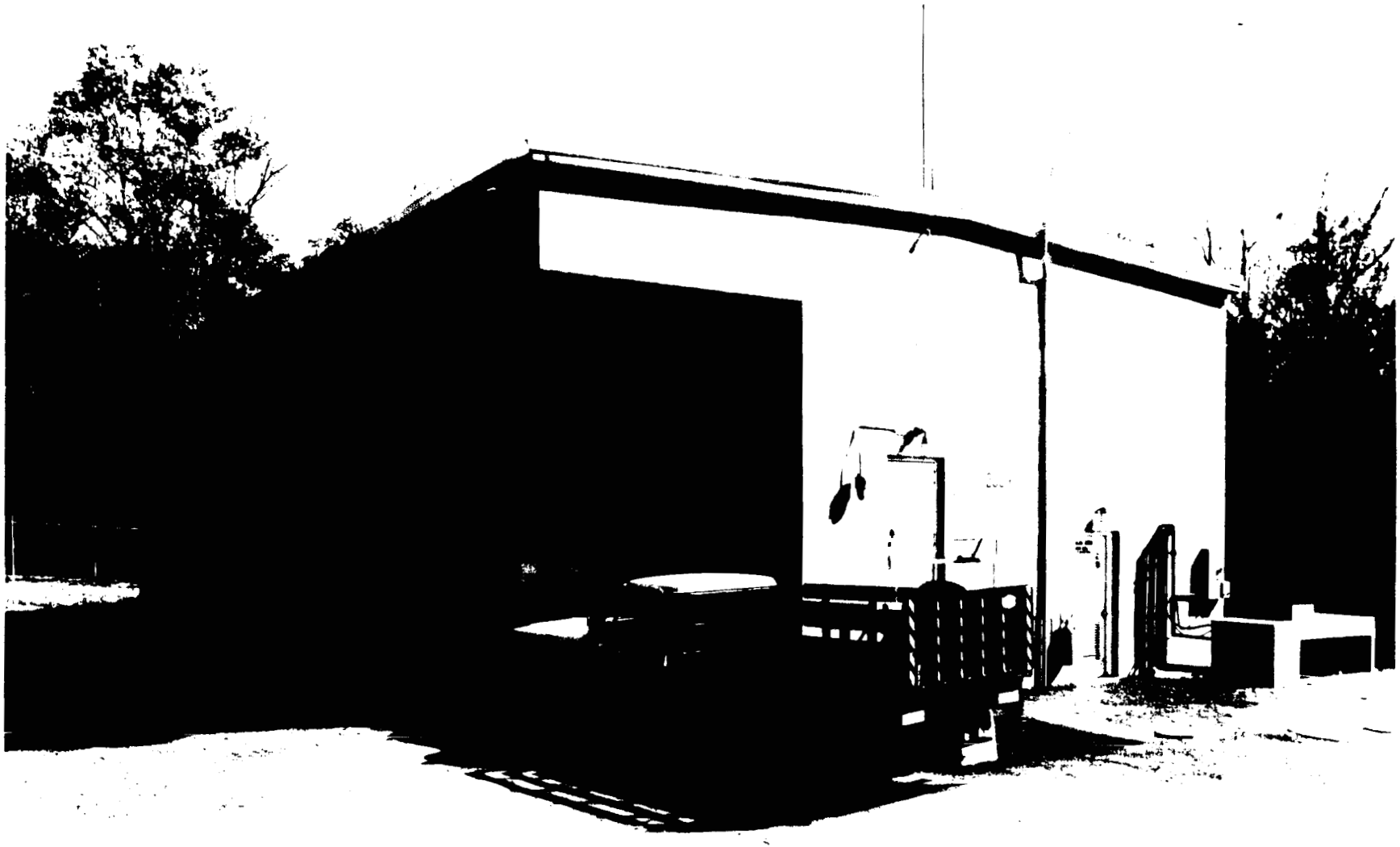
13. What is the approximate number of personnel used to operate the facility/equipment?

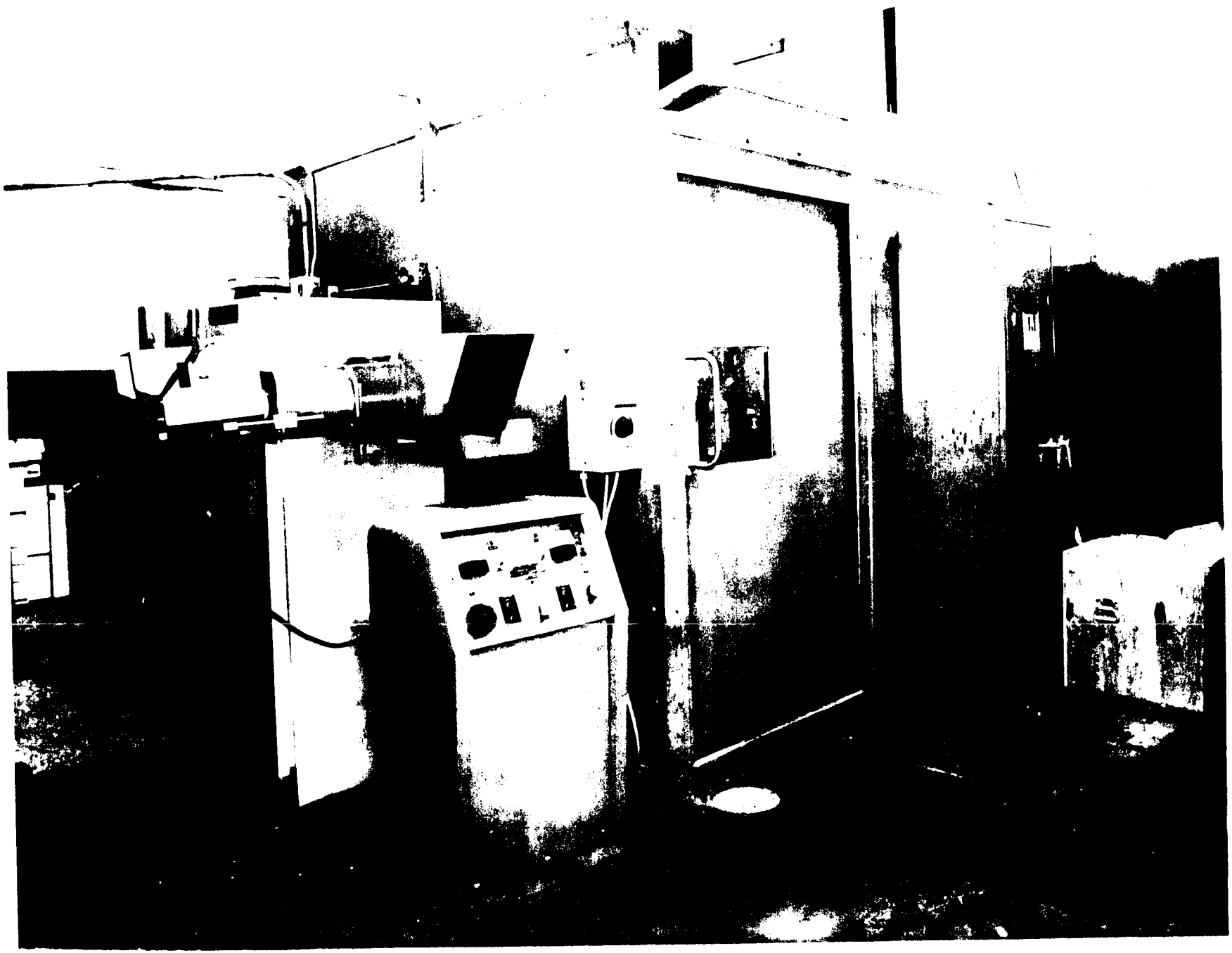
Four personnel (one civilian and three military) are required to operate the facility.

14. What is the approximate number of personnel needed to maintain the equipment?

Two personnel are required to properly maintain the equipment.

15. Provide one 8-1/2 x 11 black and white photo of the facility/equipment.





SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Technical Center Site	Naval EOD Technology Division - Building 2172
Facility/Equipment Nomenclature or Title	Munitions Electronics Exploitation Laboratory

1. State the primary purpose(s) of the facility/equipment.

This laboratory was created to meet the ever-increasing need for exploitation of complex, state-of-the-art electronic ordnance items. With the disappearance of the Soviet superpower, many third-world countries have discovered the lucrative business of producing arms for world-wide sale. The vast majority of this new wave of ordnance is fuzed with sophisticated electronics; everything from guided missiles to land mines. The primary function of this laboratory is to perform reverse engineering on unknown electrical/electronic ordnance items to determine the operation. In addition, it provides ordnance modification and electronic monitoring for render safe procedures (RSP) testing and validation/verification of manufacturer's testing of fuzing/firing system specifications.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by paragraph 6, page 12 of this data call.

Fixed.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

$300K.

4. Provide the gross weight and cube of the facility/equipment.

14,364 cu ft.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

220 Volt Electric

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

None

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Humidity and temperature control required.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

This laboratory would be impossible to relocate to another site as its primary purpose is to provide electronic ordnance services to the EOD Technology Division. The lab must remain within the confines of this command in order to interface with other agencies of related purpose. Replication of this laboratory is not feasible due to its unique mission.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

This laboratory was constructed as part of MILCON project P-034, which was completed and occupied July 1993.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. Refer to Appendix A for the list of functional support areas.

This lab provides support to functional support area 2.14, Explosive Ordnance Disposal.

11. Provide the historical utilization average for the past five fiscal years (1989-1993). Define the unit of measure used.

To date there have been 28 formal projects completed by this laboratory. In addition, there have been 6 ordnance manufacturer test validations/verifications, 8 range support functions, approximately 30 consultations on electronic ordnance items, and 4 munitions data requirement (MDR) reports regarding electronic ordnance which were done by disassembly personnel prior to the establishment of this lab, which were incorrect. This laboratory has been in operation for three years.

12. Provide the projected utilization data out to FY1997.

Projections for this lab through FY 97 are: approximately 50 projects, 30 manufacturer validations, 100 range tests, 250 consultations, 15 prior MDR corrections, 15 ordnance related research papers, and 200 on-the-spot lab tests. This estimate is based on work performed historically over the past three fiscal years.

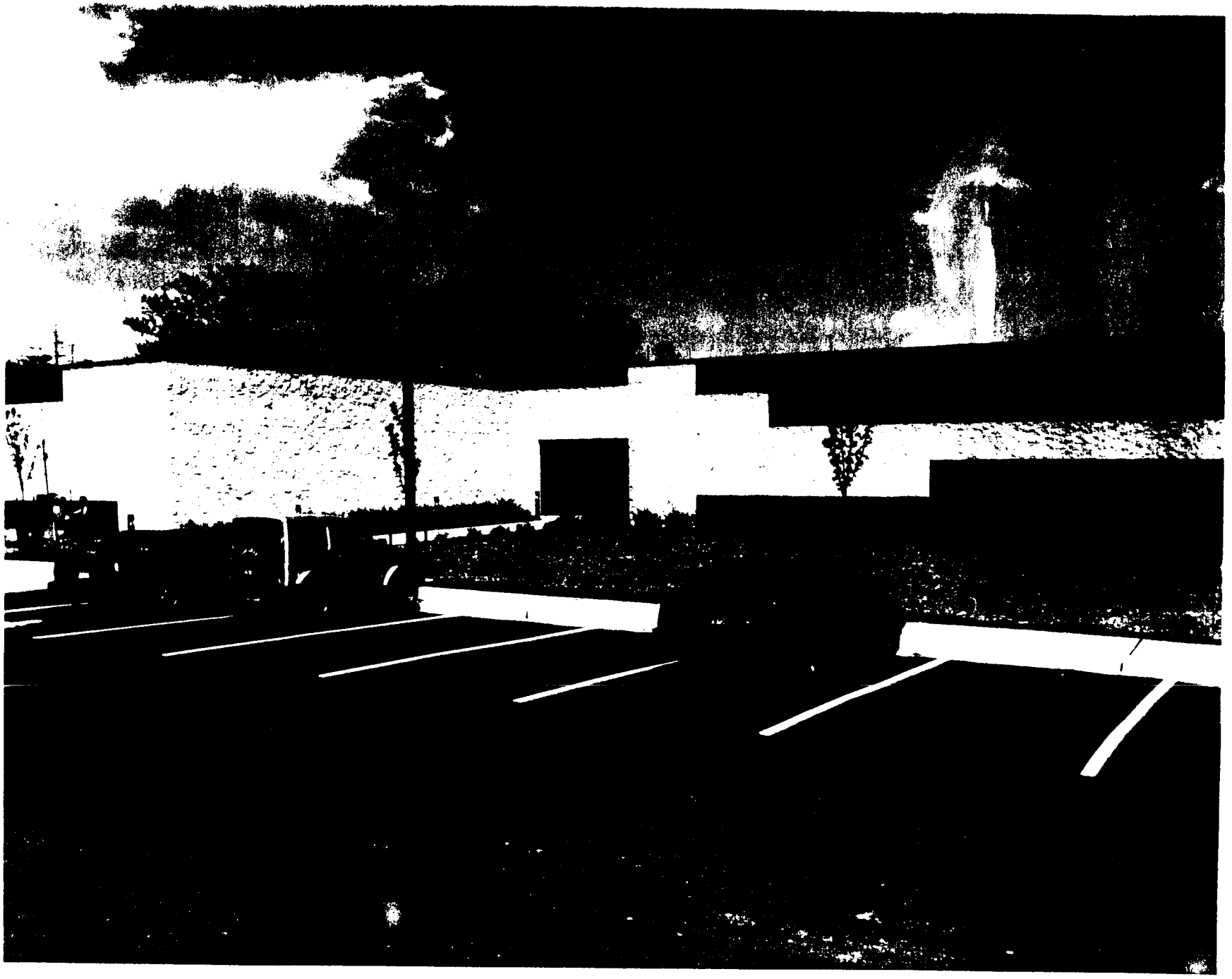
13. What is the approximate number of personnel used to operate the facility/equipment?

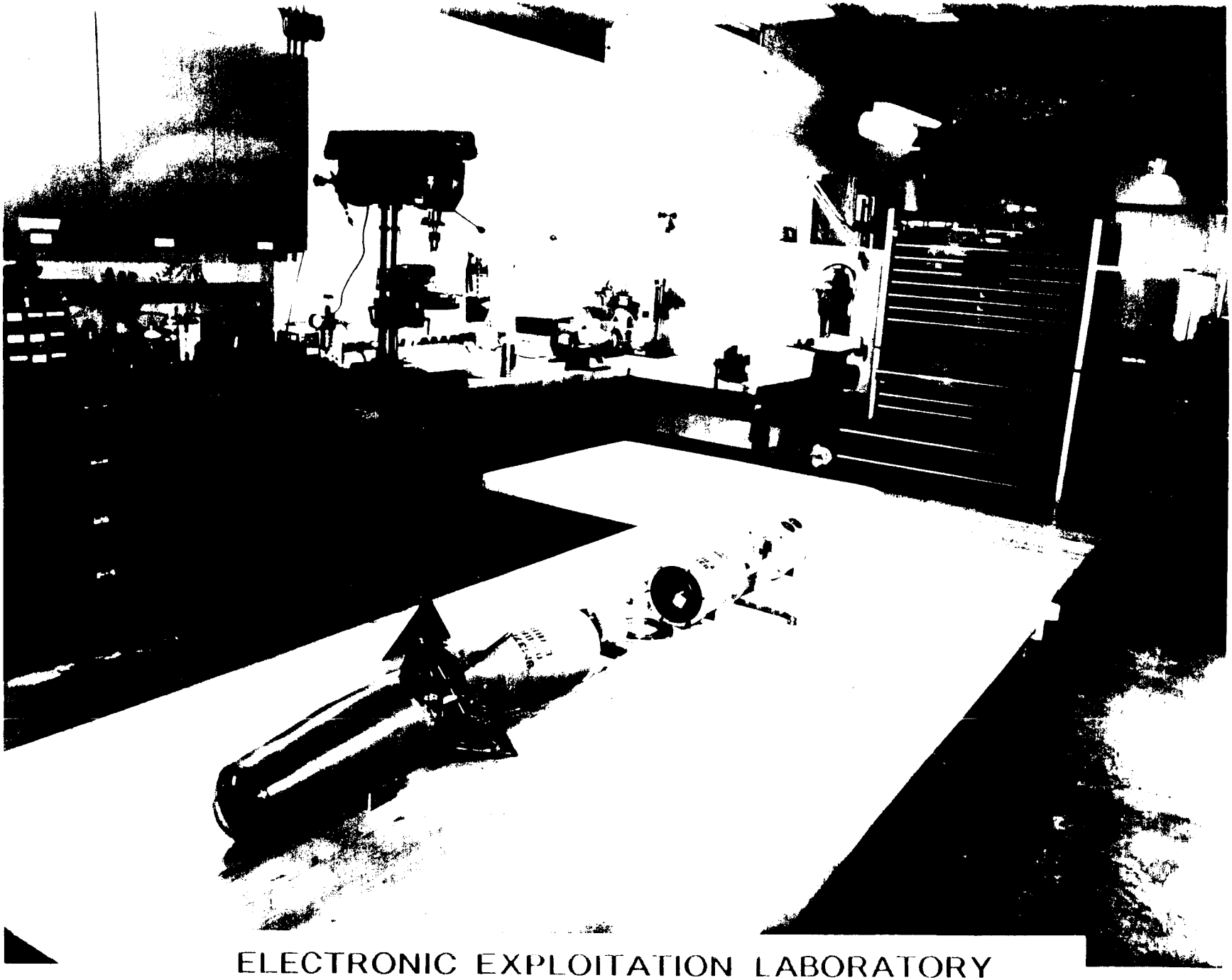
One person is sufficient to operate this function.

14. What is the approximate number of personnel needed to maintain the equipment?

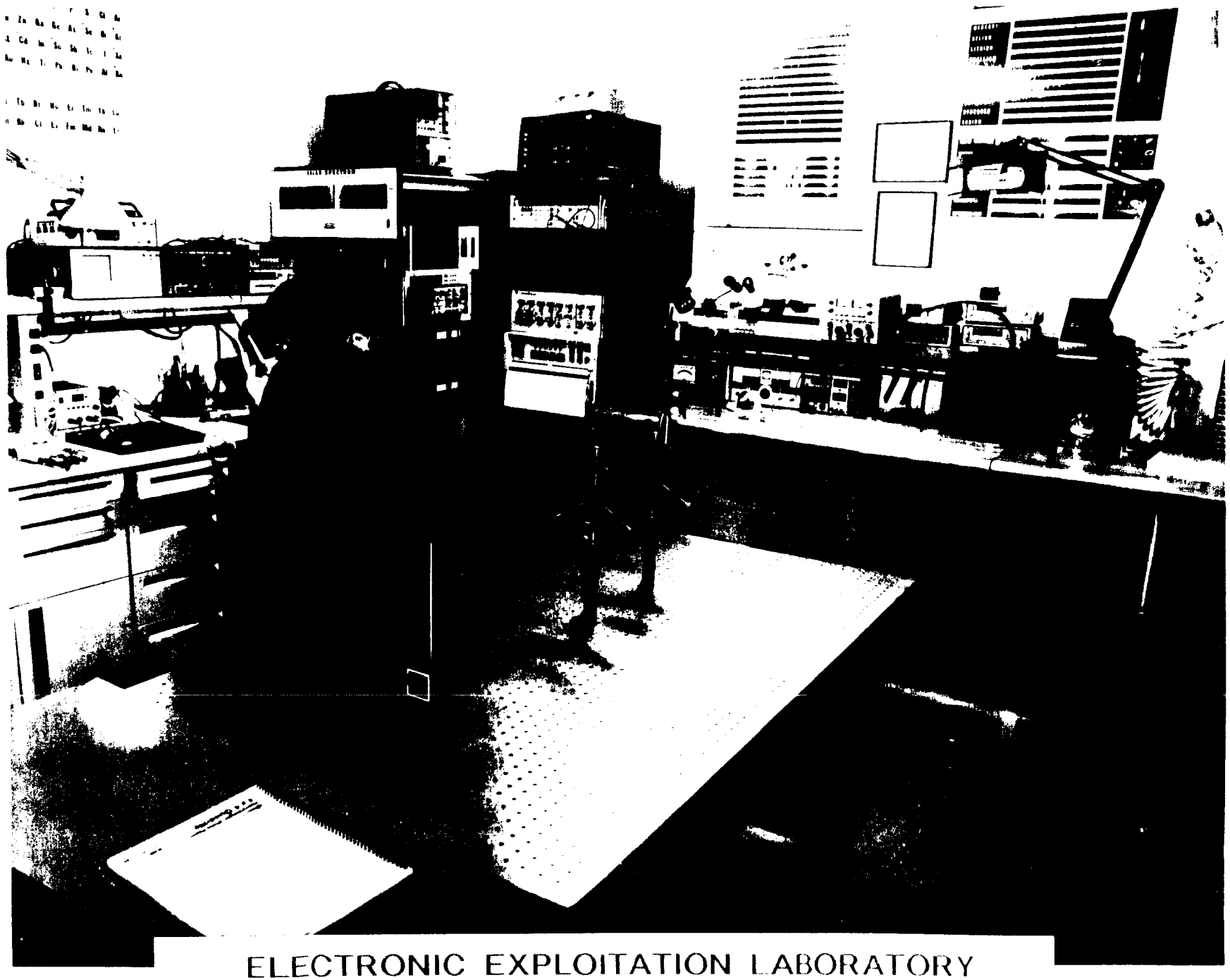
One person is sufficient to maintain the equipment.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.





ELECTRONIC EXPLOITATION LABORATORY



ELECTRONIC EXPLOITATION LABORATORY

SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Technical Center Site	Naval EOD Technology Division Range 3
Facility/Equipment Nomenclature or Title	Procedures Test and Validation Range

1. State the primary purpose(s) of the facility/equipment.

To test and validate procedures for the render safe and disposal of explosive ordnance.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by paragraph 6, page 12 of this data call.

Fixed.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

$310K

4. Provide the gross weight and cube of the facility/equipment.

16,275 cu ft

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

There is an explosive barrier to protect the Chicamuxen Creek from explosive fallout.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

None

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site

and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

There are ranges in existence within a 50-mile radius that could be used. However, the explosive residue from explosive steam-out operations goes through a chemical change and ordnance inerting operations by coring (dry removal) can result in the explosives being too sensitive to transport off-station. In addition, the close proximity of publications and render safe development staff makes the range location economically profitable.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Building 2108 was constructed in 1976.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. Refer to Appendix A for the list of functional support areas.

Functional support area 2.14, Explosive Ordnance Disposal.

11. Provide the historical utilization average for the past five fiscal years (1989-1993). Define the unit of measure used.

No records are available prior to FY 1992.

FY 1992: 776 hours
FY 1993: 784 hours

12. Provide the projected utilization data out to FY1997.

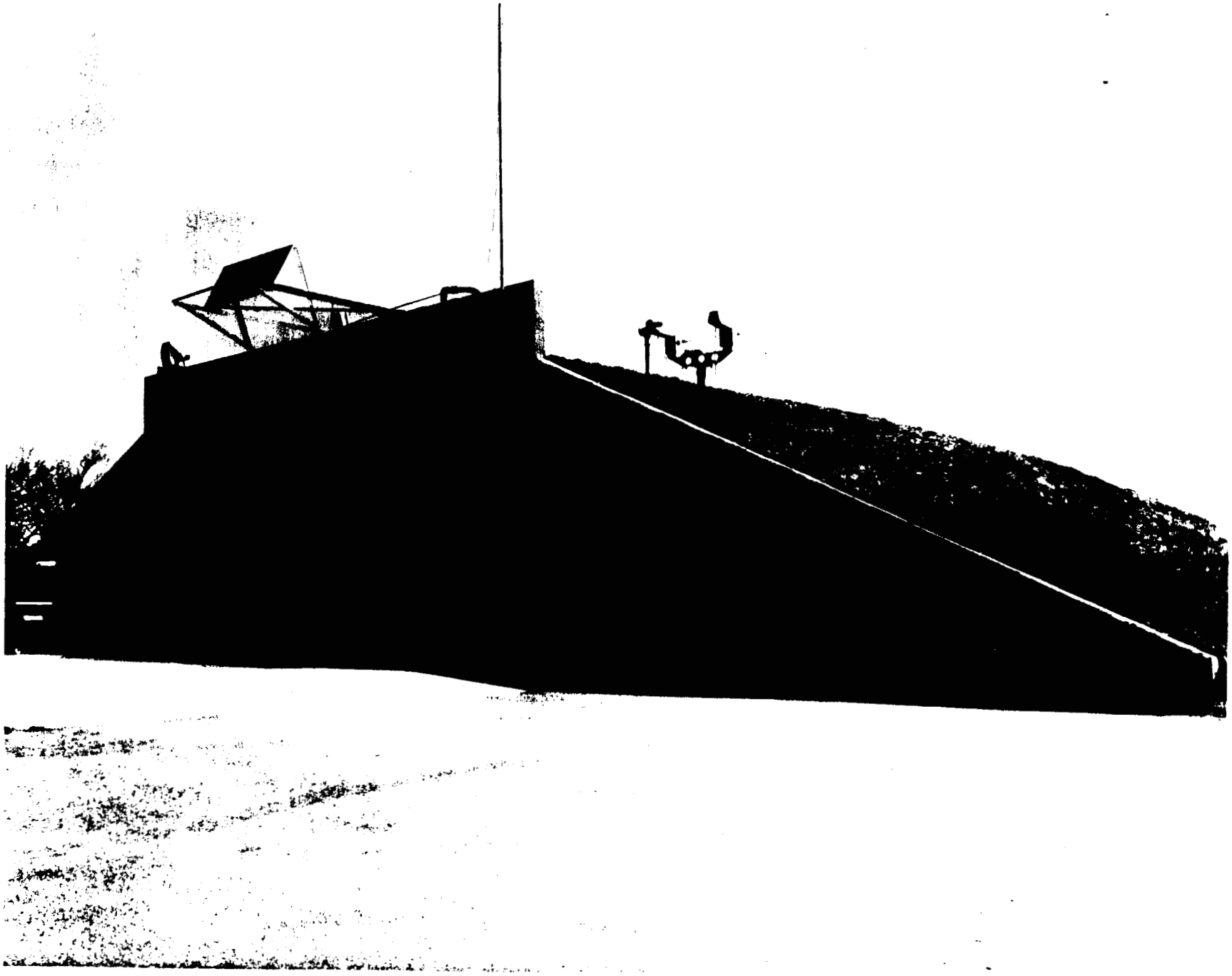
FY 1994-1997 Estimated hours of useage are 960 per year.

13. What is the approximate number of personnel used to operate the facility/equipment?

It takes four personnel to successfully operate the range.

14. What is the approximate number of personnel needed to maintain the equipment?

One person is sufficient to maintain the equipment located in range building 2108.
15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.



SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Technical Center Site	Naval EOD Technology Division - Building 2076
Facility/Equipment Nomenclature or Title	Hyperbaric Chamber

1. State the primary purpose(s) of the facility/equipment.

This underwater test facility is capable of simulating water depths to 300 feet with controlled environment for 38-130 degrees F for equipment evaluation and diver life support systems development. The facility also includes a recompression chamber to support diver safety.

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by paragraph 6, page 12 of this data call.

Fixed.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

$1.2M

4. Provide the gross weight and cube of the facility/equipment.

51,840 cu ft.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

220 Volt Electric, 480 Volt Electric, Compressed Air, glycol tanks.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

NAVFAC recertification of entire hyperbaric system to include the following: F-025 Recompression Chamber; F-018 Hyperbaric complex of wet pot, igloo and transfer lock; and their associated air and oxygen systems is performed on a three year basis. The next recertification is scheduled for March 1995. This may result in the necessity to budget for upgrades/repairs to meet certification standards. In addition, hydrostatic testing of the ten high pressure air flasks currently in the system is necessary. This maintenance requires a contractor to remove and transport the flasks to a test facility; perform a hydrostatic test, an ultrasonic thickness test, flask cleaning,

passivation and gas sample analysis. This also requries funding for the transportation and reinstallation of the equipment.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Temperature control, humidity control, high pressure water.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

While there are other hyperbaric chambers available in the Navy, the proximity of this hyperbaric chamber to our equipment management personnel makes it valuable to EOD maintenance and testing of underwater support equipment. In addition, the expertise of the EOD divers located at this facility could not be replaced easily. Relocation of this particular activity would result in higher costs of maintenance and testing EOD tools and equipment due to the travel/shipment time and costs required.

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

Constructed in 1966.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. Refer to Appendix A for the list of functional support areas.

Functional support area 2.14, Explosive Ordnance Disposal.

11. Provide the historical utilization average for the past five fiscal years (1989-1993). Define the unit of measure used.

To date, records have been kept in calendar year vice fiscal year format. The following utilization figures are for calendar years 1989 through 1993. The words "hyperbaric complex" refer to the wet pot, igloo and/or transfer lock. "Pressurization" refers to the closing, pressing to depth using compressed air and subsequent return to surface. "Dives" refers to a single person leaving the surface, descending to depth and subsequent ascent to the surface. An "unmanned run" is a pressurization used to test or check equipment, the system itself, or for operator training.

CY 1989: Hyperbaric complex pressurized 78 times
Recompression chamber pressurized twice*

CY 1990: Hyperbaric complex pressurized 95 times (19 unmanned)
Recompression chamber pressurized 40 times (3 for decompression sickness)
Dives - 612

CY 1991: Hyperbaric complex pressurized 138 times (7 unmanned)
Recompression chamber pressurized 22 times (1 for decompression sickness)

Dives - 987

CY 1992: Hyperbaric complex pressurized 211 times (11 unmanned)
Recompression chamber pressurized 32 times (7 for decompression sickness)
Dives - 943

CY 1993: Hyperbaric complex pressurized 167 times (10 unmanned)
Recompression chamber pressurized 50 times (0 for decompression sickness)
Dives - 954

*Data for 1989 and other years prior to 1990 is incomplete.

12. Provide the projected utilization data out to FY1997.

CY 1994: Hyperbaric complex pressurized 180 times (18 unmanned)
Recompression chamber pressurized 50
Dives - 900+

CY 1995-1997: Hyperbaric complex pressurized 160 times
Recompression chamber pressurized 40 times
Dives - 850+

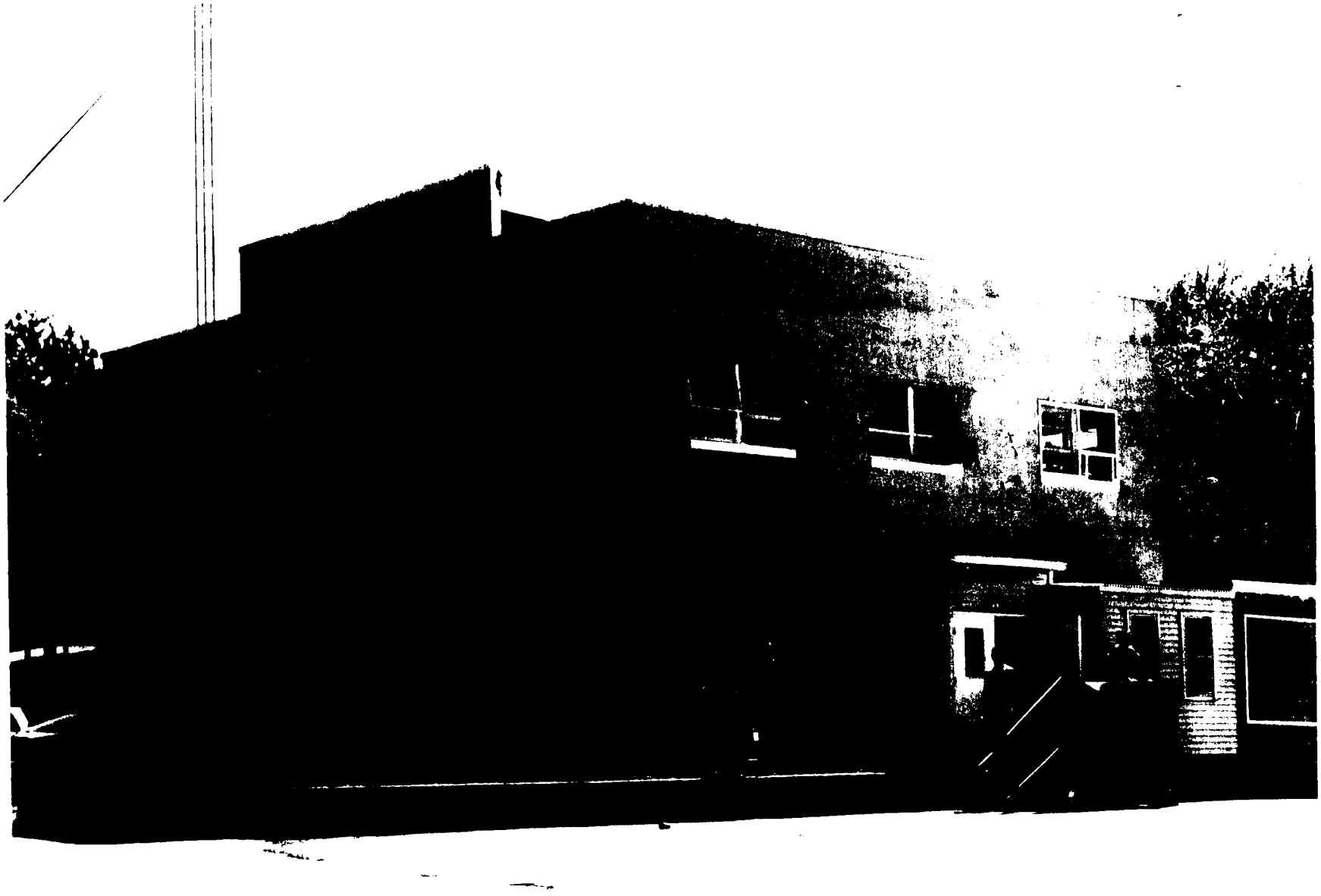
13. What is the approximate number of personnel used to operate the facility/equipment?

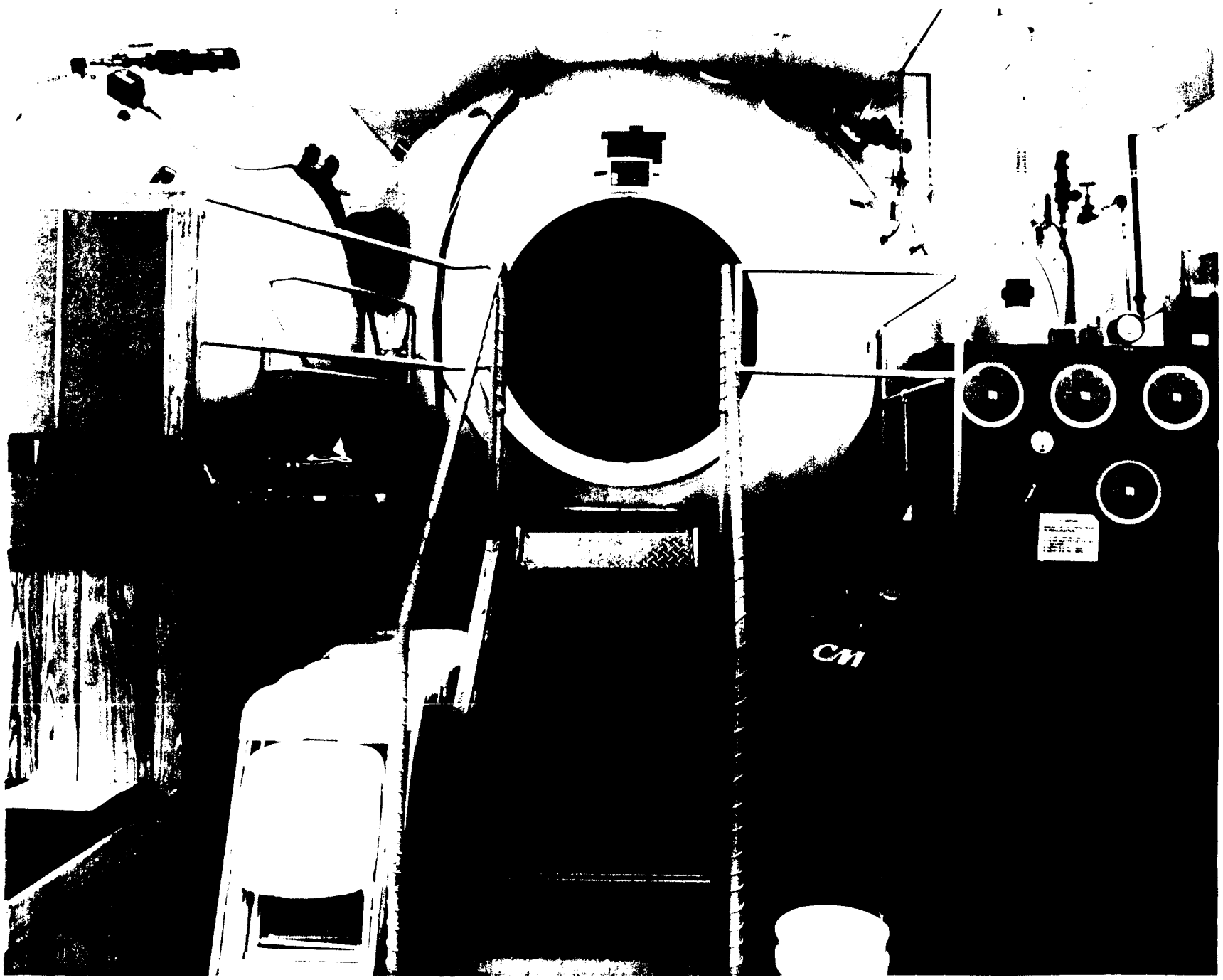
The number of personnel needed to operate the system varies with each different operation performed. Three personnel are needed for in-water testing of various EOD related equipment, such as the MK-16 UBA center sections. Six personnel are required for SCUBA operations in the hyperbaris complex. Eight personnel are required for recompression treatments (TT-5, TT-6, and TT-6A) and a rotating watch section of eight personnel per section would be required in the event of the use of a Treatment Table 7 or 8, which would be several days in length.

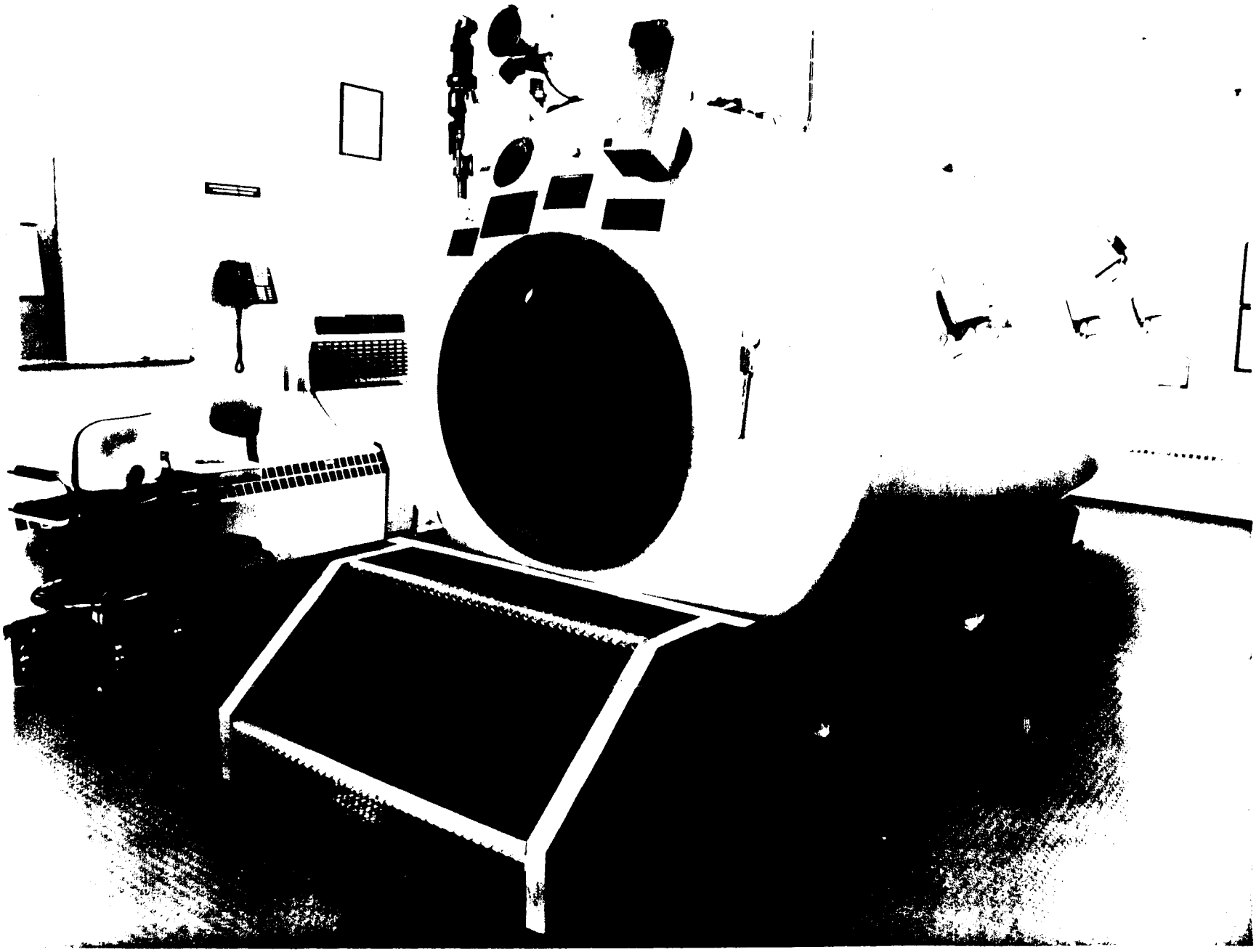
14. What is the approximate number of personnel needed to maintain the equipment?

The hyperbaric complex, recompression chamber and associated diving equipment can be adequately maintained by three full-time qualified divers.

15. Provide one 8-1/2 x 11 black and white photo of the facility/equipment.







SPECIAL FACILITIES AND EQUIPMENT
FACILITIES/EQUIPMENT CAPABILITY FORM

Technical Center Site	Naval EOD Technology Division Building D-21C
Facility/Equipment Nomenclature or Title	Magnetometer Test Facility

1. State the primary purpose(s) of the facility/equipment.

The primary purpose of the facility is to measure magnetic effects and to provide initial certification and perform periodic recertification of tools, both explosive and nonexplosive and components in accordance with MIL-STD-19595C or other nonmagnetic standards (i.e., NATO Magnetic Test specifications).

2. Indicate whether the facility/equipment is portable, moveable or fixed as defined by paragraph 6, page 12 of this data call.

Fixed.

3. Provide the replacement value of the facility/equipment. Report the facility/equipment cost separate from any building and utilities that may be integral to the facility/equipment.

$800K.

4. Provide the gross weight and cube of the facility/equipment.

10,692 cu. ft.
Equipment weight - approximately 1800 lbs.

5. Indicate any "special" utility support required by this facility/equipment other than normal electrical power.

None.

6. Indicate any special budget requirements for the facility/equipment (i.e., special foundations, non-ferrous materials, shielding, hardening, etc.).

The facility should be constructed on a concrete slab without metal reinforcement to provide the magnetometer with a stable platform essential for accurate operation. No material made of metal can be used for stabilization of the magnetometer on the slab. Wood or masonry material, not using metal reinforcement rods, should be used for all walls and the roof. As prescribed in OP 5, an electrical grounding system is required to prevent accidental initiation and detonation of explosive loaded devices due to static electric discharge.

7. State any environmental control requirements for the facility/equipment (i.e., temperature, humidity, air scrubbing).

Because the test equipment contains climate sensitive electronic components, to ensure proper operation of the test

equipment the building must have a climate control unit that will maintain inside temperature between 60 to 80 degrees F and maintain the humidity level between 65 and 75 percent.

8. Indicate if this facility/equipment would be extremely difficult or impossible to replicate or relocate at another site and the impact to the Department of the Navy if this facility/equipment were lost. Consider existing Government-wide and commercial capabilities as the replication and impact statements are formulated.

MIL-M-19595C has designated the Naval Explosive Ordnance Disposal Technology Division, Indian Head, Maryland, as the only authorized facility in the United States that can perform initial certification of nonmagnetic equipment used by EOD fleet/field activities. The discontinuance of this facility would result in forcing the EOD technician to use tools and equipment that could contain magnetic signatures of enough magnitude to accidentally initiate and magnetically influence sensitive explosive devices which would likely result in severe injury or loss of life. At a minimum, the relocation or replication of this facility would require in excess of $800,000 and a significant amount of "down time."

9. Indicate how and when the facility/equipment was transported and or constructed at the site.

This facility was constructed in 1918 and was transported to its present location from the Indian Head Division, Naval Surface Warfare Center. The facility was turned over to the Equipment Management Department in 1971 for use as a nonmagnetic test facility.

10. List the functional support areas (previously provided in Tab A) that this facility/equipment support. Refer to Appendix A for the list of functional support areas.

Functional support area 2.14, Explosive Ordnance Disposal is supported by this facility.

11. Provide the historical utilization average for the past five fiscal years (1989-1993). Define the unit of measure used.

Test Productions: 1989: 128,281; 1990: 44,860; 1991: 224,255; 1992: 388,488; 1993: 105,738. The drop between FY 92 and FY 93 is the result of contracting entire units of items such as MK-16 Underwater Breathing Apparatus, and AN/PQS-2A Divers' Hand Held Sonars rather than individual sub-assembly items for testing.

12. Provide the projected utilization data out to FY1997.

Projected Test Productions: 1994: 185,550; 1995: 204,105; 1996: 224,515; 1997: 246,966.

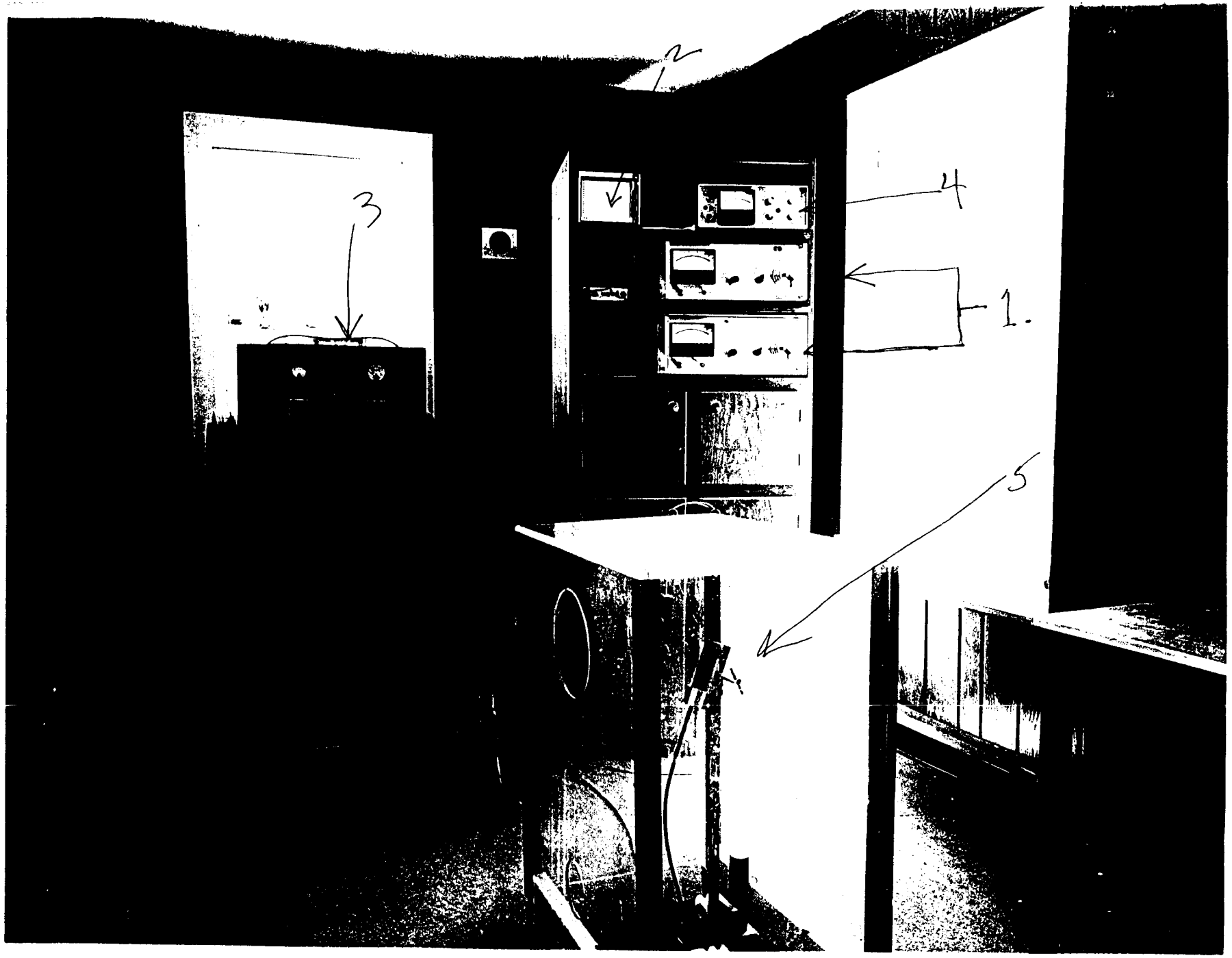
13. What is the approximate number of personnel used to operate the facility/equipment?

It takes approximately 3 personnel to safely operate this facility and equipment.

14. What is the approximate number of personnel needed to maintain the equipment?

It takes less than one manyear to maintain the facilities/equipment.

15. Provide one 8 1/2 x 11 black and white photo of the facility/equipment.


2
3
4
1.
5

1. SHONSTEDT HSM-2 MAGNETOMETER

The Shonstedt HSM-2 Magnetometer is used to indicate magnetism in an object. It is used for testing equipment and material for compliance with MIL-M-19595. This includes testing first article samples as well as production equipment and material.

2. DIGITAL VOLTMETER & CHART RECORDER

The Digital Voltmeter and Chart Recorder are used to assist in analyzing and recording readings.

3. MANUALLY OPERATED IDEALIZATION COIL SYSTEM

A Magnetic Idealization Generator with a CPU and a single Coil System. This system is used to test mechanical watches. The Idealization Chamber cycles in one direction only.

4. PORTABLE MAGNETOMETER

The Portable Magnetometer is used to check background fields. Operates on AC/DC. It enables the operator to go into fields at remote sites.

5. SHONDSTEDT HSM-2 SENSOR PROBE

The Shonstedt HSM-2 Sensor Probe reads actual changes of magnetic field caused by magnetic materials.

SHONSTEDT HSM-2 MAGNETOMETER

The Shonstedt HSM-2 Magnetometer is used to indicate magnetism in an object. It is used for testing equipment and material for compliance with MIL-M-19595. This includes testing first article samples as well as production equipment and material.

DIGITAL VOLTMETER & CHART RECORDER

The Digital Voltmeter and Chart Recorder are used to assist in analyzing and recording readings.

MANUALLY OPERATED IDEALIZATION COIL SYSTEM

A Magnetic Idealization Generator with a CPU and a single Coil System. This system is used to test mechanical watches. The Idealization Chamber cycles in one direction only.

PORTABLE MAGNETOMETER

The Portable Magnetometer is used to check background fields. Operates on AC/DC. It enables the operator to go into fields at remote sites.

SHONDSTEDT HSM-2 SENSOR PROBE

The Shonstedt HSM-2 Sensor Probe reads actual changes of magnetic field caused by magnetic materials.

RANGE RESOURCES
RANGE CAPABILITY FORM

Technical Center Site	NAVEODTECHDIV
Range Nomenclature or Title	EOD Procedures Test and Validation Range

1. List all the ranges that your activity maintains and operates. Provide the following information on each range:

a. A brief statement of what the range is used for.

This range is used for research, development, testing and evaluation of joint service explosive ordnance disposal publications, equipment and render safe procedures.

b. Geographic location of the range.

The range is located on the Stump Neck Annex of the Indian Head Division, NSWC, on a peninsula in the Potomac River, roughly 30 miles south of Washington, D.C.

c. Distance from the range to the activity's headquarters facility (main site).

The range is co-located with the EODTECHDIV on the Stump Neck Annex of the Indian Head Division, NSWC in Indian Head, MD.

The Stump Neck Annex is only 1/3 of a mile from the Indian Head Division, NSWC, separated by the Mattawoman Creek. It is 10 miles by road.

d. Range size in square miles.

Range size is 108,900 sq. ft. or .004 square miles.

e. Scheduling authority.

Scheduling authority is provided by range personnel.

f. Air space available/restrictions.

ALT 1000 ft x DIA 3000 ft

g. Maximum water depth available/restrictions.

N/A

h. Instrumentation capability.

Thunderstorm detection

i. Accuracy of tracking.

N/A

j. Data collection/replay capability.

Closed circuit camera monitoring and recording.

k. What are the maximum hours per year that this range is available to support activities? Provide the actual hours that the range was up and capable of providing services. Do not count "down time" due to maintenance, reconfiguration, or administrative activities (i.e., Holiday shutdowns).

Approximately 1,758 hours

l. What were the actual hours this range was utilized per year for the last five years (FYs 1989-1993)?

No records are available prior to FY 92.

FY 1992: 776 hours
FY 1993: 784 hours

m. What were the actual hours that this range was utilized in FY1993?

FY 1992: 784 hours

n. Who are the customers of the range?

Customers of the range include NAVEODTECHDIV personnel from departments 45, 50, and 60; the Naval School Explosive Ordnance Disposal; and other agencies, including the FBI, CIA, DIA and others.

o. Of the actual hours utilized what percentage of utilization time was provided to which customers?

Percentage used by NAVEODTECHDIV personnel 70%
Percentage used by NAVSCOLEOD 29%
Percentage used by other agencies 1%

p. Provide a sketch, drawing or map of the range.

Highlighted map is attached.

2. Are any of your ranges part of the DoD Major Range and Test Facility Base (MRTFB)? (yes/no) If yes, which ones?
No.

3. Are there any limiting (current or future) environmental and/or encroachment characteristics that are associated with this range.

In 1991 the EPA issued the NAVEODTECHDIV a "10 Year Corrective Action Permit" (under EPA permit number MD4170090001) and our Open Burning/Open Detonation (OB/OD) procedures test and validation range was designated Solid Waste Management Units (SWMU) #2 and 3 respectively. In July 1991 the Command submitted an RFI/VI Workplan for response to the Corrective Action Permit to the EPA. The Workplan calls for air, soil and groundwater monitoring and analysis, which could result in SWMU remediation. However, as yet we have not received a response from the EPA. Depending on the evaluation of the monitoring and analysis, future use of this range may or may not be limited.

PAVED ROADWAY

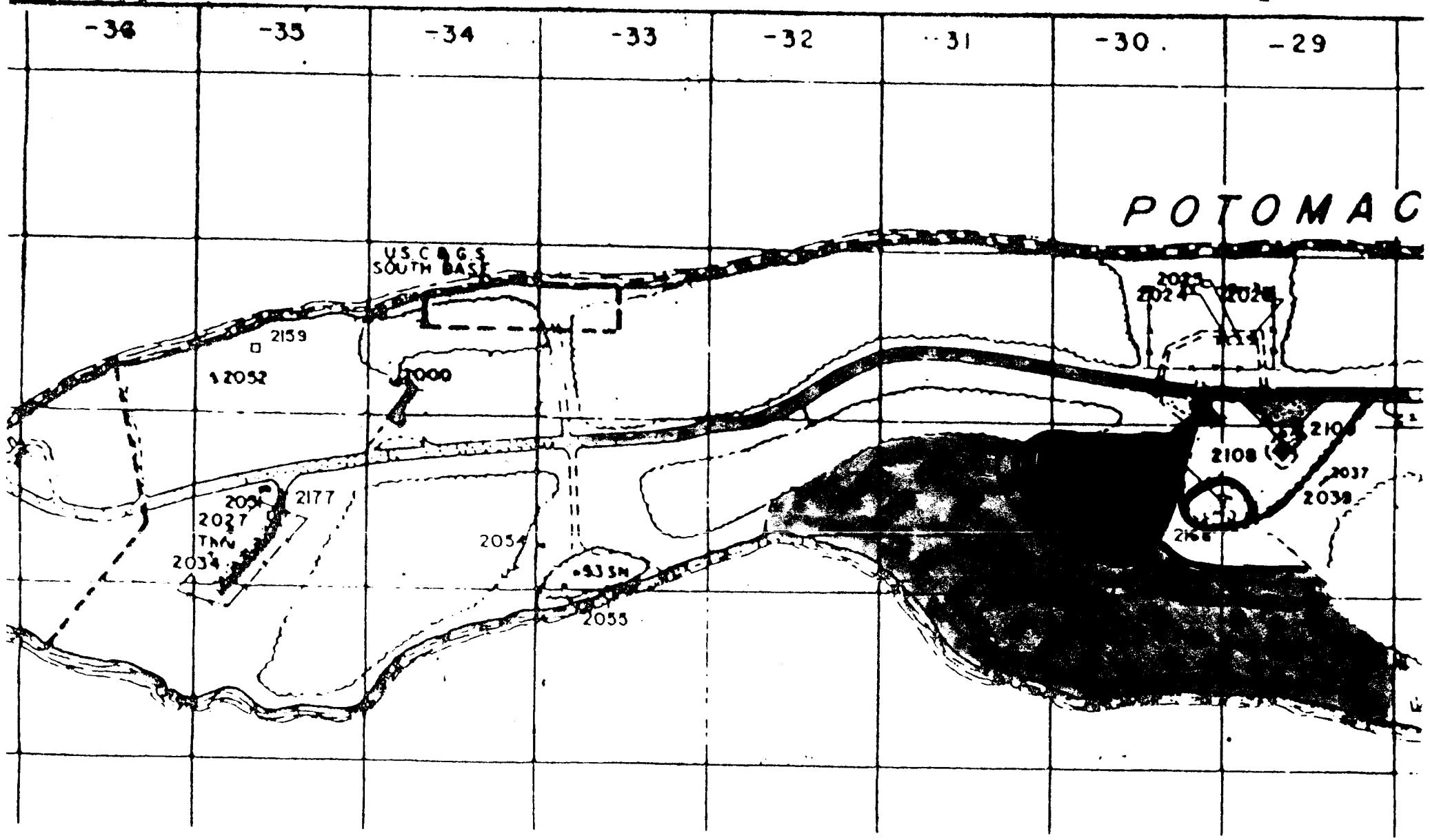
UNPAVED GROUND

COMMAND CONTROL FOR RANGE OPS.

PIPELINE

WETLANDS

IAL USE ONLY



BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

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

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

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

ACTIVITY COMMANDER

JOHN H. COCOWITCH CAPT/USN
NAME (Please type or print)

COMMANDING OFFICER
Title

NAVAL EXPLOSIVE ORDNANCE DISPOSAL
Activity TECHNOLOGY DIVISION

JHCocowitch
Signature

6 MAY 1994
Date

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

NEXT ECHELON LEVEL (if applicable)

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

Signature

COMMANDER
Title

8/24/94
Date

NAVAL ORDNANCE CENTER
Activity

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

~~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

S. R. STERNER
NAME (Please type or print)

Signature

Commander
Title

Naval Sea Systems Command

8/27/94
Date

Activity

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

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

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

Signature

TITLE

9/1/94
DATE

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

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

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

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

Data call 5 Table 5.3 update

ACTIVITY COMMANDER

W. B. BACON
NAME (Please type or print)

W B Bacon
Signature

CO
Title

8/22/97
Date

NAVEODTECHDIV
Activity

NAVEODTECHDIV Data Call 5, Section 5.e. revision Rev. Pg 18

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

NEXT ECHELON LEVEL (if applicable)

R. SUTTON, RADM
NAME (Please type or print

Signature

COMMANDER
Title

9/14/94
Date

NAVAL ORDNANCE CENTER
Activity

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

~~NEXT ECHELON LEVEL (if applicable)~~

~~NAME (Please type or print~~

~~Signature~~

~~Title~~

~~Date~~

~~Activity~~

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print

Signature

~~G. R. STERNER~~
Commander
Naval Sea Systems Command
Title

9-21-94
Date

Activity

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

DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)
W. A. EARNER
NAME (Please type of print

Signature

Title

10/5/94
Date

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

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

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

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

ACTIVITY COMMANDER

Data Call 5, 5e.

W. B. BACON
NAME (Please type or print)

W B Bacon
Signature

CAPTAIN, USN
Title

9/1/94
Date

NAVEODTECHDIV
Activity

DC #5 Clarification

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

MR. CHRISTOPHER REAMS
NAME (Please type or print)

Christopher S Reams
Signature

EXPLOSIVES ENGINEERING DIVISION DIRECTOR
Title

9-15-94
Date

INDIAN HEAD DIVISION DETACHMENT YORKTOWN, VA
Activity

187

R pg crime data

DC #5 Clarification

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

NEXT ECHELON LEVEL (if applicable)

CAPT. W. J. NEWTON
NAME (Please type or print)

W. J. Newton
Signature

COMMANDER
Title

15 Sep 1994
Date

INDIAN HEAD DIVISION, NSWC
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)

RADM(SEL) D. P. SARGENT, JR.
NAME (Please type or print)

Signature

COMMANDER
Title

9/15/94
Date

NAVAL SURFACE WARFARE CENTER
Activity

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

MAJOR CLAIMANT LEVEL

NAME (Please type or print)

Signature

G. R. STERNER
Commander
Naval Sea Systems Command

9-19-94
Date

Activity

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

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

NAME (Please type or print)

Signature

Title

10/1/94
Date

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

NEXT ECHELON LEVEL (if applicable)

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

Signature

COMMANDER
Title

6/10/94
Date

NAVAL ORDNANCE CENTER
Activity

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

~~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

6-13-94
Date

Commander
Naval Sea Systems Command
Activity

Title

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

23 MAY 1994
Date

Document Separator

DATA CALL 1: GENERAL INSTALLATION INFORMATION

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

- Name

Official name	Naval Explosive Ordnance Disposal Technology Division
Acronym(s) used in correspondence	EODTECHDIV INDIAN HEAD
Commonly accepted short title(s)	EODTD

- Complete Mailing Address

Naval Explosive Ordnance Disposal Technology Division
2008 Stump Neck Road
Indian Head, MD 20640-5070

- PLAD

EODTECHDIV INDIAN HEAD MD

- PRIMARY UIC: 0464A (Plant Account UIC for Plant Account Holders)

Enter this number as the Activity identifier at the top of each Data Call response page. All other UIC(s) = None.

2. PLANT ACCOUNT HOLDER:

• Yes ____ No XX____ (check one)

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

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

• Yes ____ No XX___ (check one)

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

- Yes XX No ____ (check one)
- Primary Host (current) UIC: 00174
- Primary Host (as of 01 Oct 1995) UIC: 00174
- Primary Host (as of 01 Oct 2001) UIC: 00174

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

• Yes ____ No XX___ (check one)

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

Name	Location	UIC
N/A	N/A	N/A

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

Name	UIC	Location	Host name	Host UIC
N/A	N/A	N/A	N/A	N/A

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

N/A

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

Current Missions

•Provide Joint Service and other government agency EOD technology and logistics support (6.2, 6.3, 6.4, and 6.5 RDT&E, ordnance technology and threat briefings; domestic/foreign munitions database, development, validation and verification of EOD procedures; ISEA and depot maintenance support).

•Provide specialized EOD technology and management capabilities for clearing contaminated areas of unexploded ordnance.

•Provide EOD technology support to the Army Environmental Center.

•Maintain a rapid response technology support group for countering Improvised Nuclear Devices.

•Provide in-service engineering support for low-influence, life support, and related systems.

•Provide technical support to the Navy and DoD information exchange program related to EOD.

Projected Missions for FY 2001

Additions:

•Provide technology support for underwater mine countermeasures operations. Based on lessons learned from DESERT SHIELD/DESERT STORM, additional EOD requirements to locate, classify, and neutralize mines in shallow water have been identified.

•Provide ordnance disassembly and inerting support for EOD, intelligence, exploitation, and training activities.

- New remotely operated and environmentally accepted facility has been built that has capacity to satisfy all Joint Services EOD needs.

- Provide a variant of the EOD Joint Service render safe procedures for use by other government agencies for area (airfields, etc.) clearance, range clearance, and training applications.

- Increasing transfer of ordnance-related responsibilities to the private sector via contract mechanisms has resulted in increasing requests for EOD 60-series publications.

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

Current Unique Missions

•The NAVEODTECHDIV is the Technology Center for the Navy single-service managed DoD EOD Technology and Training Program. It has a mission to support all Joint Service and government agency peacetime EOD technology requirements that is not duplicated anywhere. As a result, all of its current mission elements are unique.

Projected Unique Missions for FY 2001

•The munitions disassembly and EOD render safe procedures mission elements are unique to the DoD EOD Technology and Training Program. The mine countermeasures mission element is performed in support of the mine warfare mission executed by COMINEWARCOM.

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

• Operational name	UIC
Naval Ordnance Center	68963

• Funding Source	UIC
RDT&E, OMN, OPN,	00024
RDT&E	00014
OMA, (ARMY ENVIRONMENTAL)	18001

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

On Board Count as of 01 January 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	7	57	235
• Reporting Reserve	13	23	
• Tenants (w/o reserves)	4	21	4
• Drilling Reserves	13	23	
• Tenants (Total)	17	44	4

Authorized Positions as of 30 September 1994

	Officers	Enlisted	Civilian (Appropriated)
• Reporting Command	8	47	235
• Reporting Reserves	15	26	
• Tenants (w/o reserves)	4	21	4
• Drilling Reserves	15	26	
• Tenants (Total)	19	47	4

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

Title/Name	Office	Fax	Home
• CO/OIC			
Captain John Cocowitch	(301) 743-6803	(301) 743-6927	(703) 878-3649
• Duty Officer			[N/A]
•			
LCDR John Coster	(301) 743-6800	(301) 743-6927	
•			
CDR Carroll D. Bernier	(301) 743-6804	(301) 743-6927	(301) 743-3670

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

• Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
US Marine Corps Detachment	M04640	1	5	0
Detachment 63, Air Force Logistics Center	FB20XX	1	8	0
NAVSEASYSCOM Detachment, Naval EOD Fleet Liaison	45184	1	5	0
US Army R&D Command, Technical Detachment	4MK01	1	3	4

• Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
N/A	N/A	N/A	N/A	N/A

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

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
N/A	N/A	N/A	N/A	N/A	N/A

• Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
N/A	N/A	N/A	N/A	N/A	N/A

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

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)
**Charles County Fire Dept.*	*Charles County MD*	*Firefighting & Emergency Medical Service Mutual Agreement*
**Charles County Sheriff Dept*	*Charles County MD*	*MOA for Law Enforcement*
**Charles County Youth Div.*	*Charles County MD*	*MOU for Battered Spouse, Child Abuse, Etc.*

**Maryland State Police* **The MOU's for these services are through our host (NSWC, IHD)*	MD	Verbal for Emergency Backup
Department of Energy	Washington, DC	MOU for Joint Service Support
Department of Justice	Washington, DC	MOU for Joint Service Support
Joint Operational Working Group with British		MOA, IND information exchange
US Army Environmental Center	Aberdeen, MD	MOU, UXO remediation
Tyndall Air Force Base	FL	MOA, UXO remediation

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

- Local Area Map. This map should encompass, at a minimum, a 50 mile radius of your activity. Indicate the name and location of all DoD activities within this area, whether or not you support that activity. Map should also provide the geographical relationship to the major civilian communities within this radius. (Provide 12 copies.)
- Installation Map / Activity Map / Base Map / General Development Map / Site Map. Provide the most current map of your activity, clearly showing all the land under ownership/control of your activity, whether owned or leased. Include all outlying areas, special areas, and housing. Indicate date of last update. Map should show all structures (numbered with a legend, if available) and all significant restrictive use areas/zones that encumber further development such as HERO, HERP, HERF, ESQD arcs, agricultural/forestry programs, environmental restrictions (e.g., endangered species). (Provide in two sizes: 36"x 42" (2 copies, if available); and 11"x 17" (12 copies).)
- Aerial photo(s). Aerial shots should show all base use areas (both land and water) as well as any local encroachment sites/issues. You should ensure that these photos provide a good look at the areas identified on your Base Map as areas of concern/interest - remember, a picture tells a thousand words. Again, date and label all copies. (Provide 12 copies of each, 8½"x 11".)
- Air Installations Compatible Use Zones (AICUZ) Map. (Provide 12 copies.)

- **All applicable portions of this section are being provided by host activity - IndianHead Division, Naval Surface Warfare Center, UIC N00174.**

UIC 0464A

JL
SEA09X
2/14/94

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

NEXT ECHELON LEVEL (if applicable)

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

Signature

COMMANDER
Title

4 FEB 94
Date

NAVAL ORDNANCE CENTER
Activity

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

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

Commander
Title

2/10/94
Date

Naval Sea Systems Command
Acting
Activity

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

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

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

Signature

Acting
Title

25 FEB 1994
Date

UIC 0464A JL
SEA 09X
2/14/94

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

J.H. Cocowitch
NAME (Please type or print)

J.H. Cocowitch
Signature

Captain, USN
Commanding Officer
Title

2 February 1994
Date

Naval Explosive Ordnance
Disposal Technology Division
Activity

Document Separator

187

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	Naval EOD Technology Division
UIC:	N0464A
Host Activity Name (if response is for a tenant activity):	Naval Surface Warfare Center Indian Head Division
Host Activity UIC:	N00174

General Instructions/Background. A separate response to this data call must be completed for each Department of the Navy (DON) host, independent and tenant activity which separately budgets BOS costs (regardless of appropriation), and, is located in the United States, its territories or possessions.

1. Base Operating Support (BOS) Cost Data. Data is required which captures the total annual cost of operating and maintaining Department of the Navy (DON) shore installations. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Two tables are provided. Table 1A identifies "Other than DBOF Overhead" BOS costs and Table 1B identifies "DBOF Overhead" BOS costs. These tables must be completed, as appropriate, for all DON host, independent or tenant activities which separately budget BOS costs (regardless of appropriation), and, are located in the United States, its territories or possessions. Responses for DBOF activities may need to include both Table 1A and 1B to ensure that all BOS costs, including those incurred by the activity in support of tenants, are identified. If both table 1A and 1B are submitted for a single DON activity, please ensure that no data is double counted (that is, included on both Table 1A and 1B). The following tables are designed to collect all BOS costs currently budgeted, regardless of appropriation, e.g., Operations and Maintenance, Research and Development, Military Personnel, etc. Data must reflect FY 1996 and should be reported in thousands of dollars.

a. Table 1A - Base Operating Support Costs (Other Than DBOF Overhead). This Table should be completed to identify "Other Than DBOF Overhead" Costs. Display, in the format shown on the table, the O&M, R&D and MPN resources currently budgeted for BOS services. O&M cost data must be consistent with data provided on the BS-1 exhibit. Report only direct funding for the activity. Host activities should not include reimbursable support provided to tenants, since tenants will be separately reporting these costs. Military personnel costs should be included on the appropriate lines of the table.

DATA CALL 66
INSTALLATION RESOURCES

Please ensure that individual lines of the table do not include duplicate costs. Add additional lines to the table (following line 2j., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: Naval EOD Technology Division		**UIC:** N0464A	
Category	**FY 1996 BOS Costs ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	532		532
1b. Minor Construction			
1c. Sub-total 1a. and 1b.	532		532
2. Other Base Operating Support Costs:			
2a. Utilities			
2b. Transportation			
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration			
2j. Other (Specify)		697	697
2k. Sub-total 2a. through 2j:		697	697
3. Grand Total (sum of 1c. and 2k.):	532	697	1229

DATA CALL 66
INSTALLATION RESOURCES

2j. Other (Specify): Fire Protection - $432K; Security Protection - $265K

The above BOS costs identified in Table 1A have been included in the submission of our host command, Naval Surface Warfare Center, Indian Head Division, UIC N00174, and represents their estimate of our funded BOS costs; an additional $1,171K has been identified as required, but is considered as unfunded. THIS DATA IS BEING SUBMITTED FOR INFORMATION ONLY.

b. Funding Source. If data shown on Table 1A reflects more than one appropriation, then please provide a break out of the total shown for the "3. Grand-Total" line, by appropriation:

Appropriation	Amount ($000)

c. Table 1B - Base Operating Support Costs (DBOF Overhead). This Table should be submitted for all current DBOF activities. Costs reported should reflect BOS costs supporting the DBOF activity itself (usually included in the G&A cost of the activity). For DBOF activities which are tenants on another installation, total cost of BOS incurred by the tenant activity for itself should be shown on this table. It is recognized that differences exist among DBOF activity groups regarding the costing of base operating support: some groups reflect all such costs only in general and administrative (G&A), while others spread them between G&A and production overhead. Regardless of the costing process, all such costs should be included on Table 1B. The Minor Construction portion of the FY 1996 capital budget should be included on the appropriate line. Military personnel costs (at civilian equivalency rates) should also be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Also ensure that there is no duplication between data provided on Table 1A. and 1B. These two tables must be mutually exclusive, since in those cases where both tables are submitted for an activity, the two tables will be added together to estimate total BOS costs at the activity. Add additional lines to the table (following line 21., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

Other Notes: All costs of operating the five Major Range Test Facility Bases at DBOF activities (even if direct RDT&E funded) should be included on Table 1B. Weapon Stations should include underutilized plant capacity costs as a DBOF overhead "BOS expense" on Table 1B..

DATA CALL 66
INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: N/A		**UIC:**	
Category	**FY 1996 Net Cost From UC/FUND-4 ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)			
1b. Real Property Maintenance (<$15K)			
1c. Minor Construction (Expensed)			
1d. Minor Construction (Capital Budget)			
1c. Sub-total 1a. through 1d.			
2. Other Base Operating Support Costs:			
2a. Command Office			
2b. ADP Support			
2c. Equipment Maintenance			
2d. Civilian Personnel Services			
2e. Accounting/Finance			
2f. Utilities			
2g. Environmental Compliance			
2h. Police and Fire			
2i. Safety			
2j. Supply and Storage Operations			
2k. Major Range Test Facility Base Costs			
2l. Other (Specify)			
2m. Sub-total 2a. through 2l:			
3. Depreciation			

4. Grand Total (sum of 1c., 2m., and 3.) :			

2. Services/Supplies Cost Data. The purpose of Table 2 is to provide information about projected **FY 1996** costs for the purchase of services and supplies by the activity. **(Note: Unlike Question 1 and Tables 1A and 1B, above, this question is not limited to overhead costs.)** The source for this information, where possible, should be either the NAVCOMPT OP-32 Budget Exhibit for O&M activities or the NAVCOMPT UC/FUND-1/IF-4 exhibit for DBOF activities. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Break out cost data by the major sub-headings identified on the OP-32 or UC/FUND-1/IF-4 exhibit, disregarding the sub-headings on the exhibit which apply to civilian and military salary costs and depreciation. Please note that while the OP-32 exhibit aggregates information by budget activity, this data call requests OP-32 data for the activity responding to the data call. Refer to NAVCOMPTINST 7102.2B of 23 April 1990, Subj: Guidance for the Preparation, Submission and Review of the Department of the Navy (DON) Budget Estimates (DON Budget Guidance Manual) with Changes 1 and 2 for more information on categories of costs identified. Any rows that do not apply to your activity may be left blank. However, totals reported should reflect all costs, exclusive of salary and depreciation.

Table 2 - Services/Supplies Cost Data

Activity Name: Naval EOD Technology Division	**UIC:** N0464A
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	890
Material and Supplies (including equipment):	6898
Industrial Fund Purchases (other DBOF purchases):	
Transportation:	223
Other Purchases (Contract support, etc.):	24475
Total:	32486

DATA CALL 66
INSTALLATION RESOURCES

3. Contractor Workyears.

a. **On-Base Contract Workyear Table.** Provide a projected estimate of the number of contract workyears expected to be **performed "on base"** in support of the installation during FY 1996. Information should represent an annual estimate on a full-time equivalency basis. Several categories of contract support have been identified in the table below. While some of the categories are self-explanatory, please note that the category "mission support" entails management support, labor service and other mission support contracting efforts, e.g., aircraft maintenance, RDT&E support, technical services in support of aircraft and ships, etc.

Table 3 - Contract Workyears

Activity Name: Naval EOD Technology Division	**UIC: N0464A**
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	
Facilities Support:	1
Mission Support:	8
Procurement:	3
Other:*	
Total Workyears:	12

* **Note:** Provide a brief narrative description of the type(s) of contracts, if any, included under the "Other" category.

b. Potential Disposition of On-Base Contract Workyears. If the mission/functions of your activity were relocated to another site, what would be the anticipated disposition of the **on-base contract workyears** identified in Table 3.?

1) Estimated number of contract workyears which would be transferred to the receiving site (This number should reflect the number of jobs which would in the future be contracted for at the receiving site, not an estimate of the number of people who would move or an indication that work would necessarily be done by the same contractor(s)):

10

2) Estimated number of workyears which would be eliminated:

2

3) Estimated number of contract workyears which would remain in place (i.e., contract would remain in place in current location even if activity were relocated outside of the local area):

c. "Off-Base" Contract Workyear Data. Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information **(ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above)**:

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
7	Engineering Support

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
69	Engineering Support

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 dtd 8 Dec 93

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

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

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

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

ACTIVITY COMMANDER

WILLIAM B. BACON, CAPT, USN
NAME (Please type or print)

W B Bacon
Signature

COMMANDING OFFICER
Title

7/22/94
Date

NAVAL EOD TECHNOLOGY DIVISION
Activity

DATA CALL 66

EOD TECHNICAL CENTER DATA CALL 66

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

NEXT ECHELON LEVEL (if applicable)

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

Signature
7/29/94
Date

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

~~NEXT ECHELON LEVEL (if applicable)~~

~~NAME (Please type or print)~~
~~Title~~
~~Activity~~

~~Signature~~
~~Date~~

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

MAJOR CLAIMANT LEVEL

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

Signature
8-15-94
Date

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

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

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

Signature
22 AUG 1994

Document Separator

MILITARY VALUE DATA CALL

TECHNICAL CENTERS

Category	
Technical Center Site	**Naval Ordnance Center**
Location/Address	**Indian Head, MD**

MILITARY VALUE MEASURES

MISSION

1. **Mission Statement.** State the officially assigned mission of this activity and cite the reference document(s) that assigns the mission.

The following broad mission statement of the Naval Ordnance Center as it stood up on 1 October 1993 was established by OPNAVNOTE 5450 of 14 Sep 93. A more detailed list of functions and tasks is displayed in the attached copy of NAVSEAINST 5450.72 of 6 Dec 93.

Mission Statement: Coordinates fleet requirements and issues; controls the distribution of ordnance; administers and provides waterfront support operations; performs maintenance management (intermediate and depot); manages in-service functions; acts as a central clearing house for fleet issues and problems with the Program Managers (Pms); manages worldwide shore based inventory; manages Naval Weapons Stations/Sustaining Stocking Points infrastructure; promulgates explosives safety and security policy; and, manages/integrates all ordnance management information systems.

2. **Joint Service Missions.** State any officially assigned joint/lead service assignments missions and cite the document(s) that assigned them.

The joint service missions of the Naval Ordnance Center were assigned by various instructions including SECNAVINST 5410.116B, NAVSEAINST 5450.72, NAVSEANOTE 5400 of 9 Aug 93, NAVSEAINST 5450.16B, NAVSEAINST 5050.6B, DODINST 5160.62, DODINST 5160.65, OPNAVINST 8027.1, DOD Manual 5160.65M, JLC MOA of 21 Jun 66, and the JOCG charter of 6 May 83. The missions are listed below with lead service indicated where applicable:

Lead - Serves as Chairman of the DOD Explosive Ordnance Disposal (EOD) Program Board.

- Serves as NAVORDCEN Flag representative on the Insensitive Munitions Coordinating Group.

Lead - Serves as the Executive Manager of the DOD Joint Service Explosive Ordnance Disposal Technology and Training Program.

- Represents NAVSEA on the Joint Ordnance Commanders Group (JOCG) and the Conventional Ammunition Working Capital Fund (CAWCF) Management Council.

- Acts as the NAVSEA focal point for the Executive Director for Conventional Ammunition (EDCA).

- Provides a focal point for interaction with SEA 04I, Defense Information Systems Agency (DISA), Joint Logistics System Center (JLSC) and other DOD agencies regarding incorporation of DON ordnance automation requirements into selected DOD standard systems and deployment to NAVORDCEN activities.

- Provides the Navy ordnance representative on the DOD Joint Physical Inventory Working Group.

- Develops ordnance transportation crisis response transition planning and ensures joint planning coordination with joint systems such as the Joint Operation Planning Evaluation System (JOPES)/Time Phased Force Deployment Data (TPFDD).

- Provides the Navy member on the Joint Service EOD Military Technical Acceptance Board which approves for Joint Service use all EOD tools, equipment, and procedures. Reviews and provides comments on all Integrated Logistic Support Plans (ILSPs) on development hardware.

- Provides on-site liaison to the Commanding General, U. S. Army Armament, Munitions, and Chemical Command in all matters concerning the conventional ammunition production base including the Army's DOD-assigned rules as Single Manager for Conventional Ammunition (SMCA) and as the manager of the Conventional Ammunition Working Capital Fund (CAWCF).

- Provides coordinated direction and support to the U. S. Army Defense Ammunition Center and School (USADACs) to ensure that centralized formal safety training is provided in the area of explosive safety for Navy personnel.

- Provide staff support for Joint Logistics Commanders (JLC) and JOCG actions.

- Provide coordination on Single Manager for Conventional Ammunition (SMCA) and Executive Director for Conventional Ammunition (EDCA) actions.

Lead - Act as executive agent for system design to, and provide management oversight of, the joint service Defense Transportation Tracking System (DTTS).

TECHNICAL FUNCTIONS

3. **Technical Functions Resource Allocations.** Appendix A provides a list of numbered functional support areas that cover the spectrum of naval warfare and support operations. Additionally, Appendix A provides a list of numbered life-cycle work areas that cover the "cradle to grave" spectrum of Navy systems acquisition. Utilizing the two lists at Appendix A, each activity will break out its entire FY1993 technical program within any applicable intersections of these two defining schemes (for example, functional support area #5.2 - life cycle work area #3 will identify the activity's level of resources allocated to sensors and surveillance systems, radar systems in advanced development). Definitions for each functional support and life cycle work area are provided in Appendix B for reference.

a. Use the form at Tab A of this data call to provide data on work years and expenditures for FY1993 to support each applicable intersection of functional support areas and life cycle work areas. When necessary, estimate data to the best of your ability

b. Similarly, use the Tab A forms to report separately on your detachments or sites that have not received this data call directly. This data may be consolidated when the detachments or sites perform work in the same area. When necessary, estimate data to the best of your ability.

None- The Naval Ordnance Center headquarters functions are all indirect in the broad category of Ordnance Management.

MANPOWER

4. **Work Breakdown Structure.**

a. Use Table 4.1 (below) to provide data on the general support functions at your activity. Report data as of 31 March 1994. If you are collocated with one of your subordinate base keeper commands (i.e., a NAWS or NAS collocated with a NAWC Division), describe the differences in the functions of each and provide a separate Table 4.1 for the subordinate command. Include this command in the Table 4.1 submission for your Activity.

b. Similarly, use Table 4.2 (below) to provide general support function data for all your detachments or sites that did not receive this data call directly. Consolidate data from all of these detachments into one table (4.2). Provide a list of the detachments whose data is included in Table 4.2. For each identified detachment in this list, include its name, location, UIC, and number of civilian and military personnel onboard.

In addition, if any of your detachments or separate sites not receiving an individual data call have over 50 civilian personnel or own technical facilities, provide separately a description of the site, the functions performed there, photographs showing the facilities and state the reason for that site's existence and the necessity for it to be at that location.

c. Use Table 4.3 (below) to provide estimated data, for your activity only, to reflect the anticipated impact of previous BRAC decisions that have not yet been implemented. This data should provide the deltas from Table 4.1.

NOTES:

[1] Use the following definitions when providing data for the tables below:

Workyears: Consistent with those used in the preparation of inputs to the President's budget.

Contract Workyears: Actual or estimated workyears performed by support contractors with workyears defined consistent with the definition used in the President's budget.

Civilian Personnel Onboard: Full Time Permanent (FTP) employees.

[2] Any categories of personnel that are employed to support other Activities should be noted with the name of the additional Activity supported.

Table 4.1, General Support Resources for (Activity:NAVORDCEN HEADQUARTERS) (UIC:68963)

Function	Space allocated (Gross SQFT)	Work Years	Civilian Personnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/XO/TD/etc.)	2366	2	2	2	3 / 1*	1
Comptroller	1704	7	7	0	1	0
Admin	319	3	3	2	0	1
Human Resources	0	0	0	0	0	0
OPERATIONS SUPPORT						
Supply Management	0	0	0	0	0	0
Consolidated Computational Computer Support	300	2	2	1	0	0
Information Systems and Communications	735	3	3	1	0	0
Safety/OSH/Environmental	4415	24	24	1	1	1
INFRASTRUCTURE						
Physical Security	0	0	0	0	0	0
Public Works/Staff Civil Engr	0	0	0	0	0	0
Fire Protection	0	0	0	0	0	0
Medical/Dental	0	0	0	0	0	0
Military Support	0	0	0	0	0	0
Air/Waterfront Operations	0	0	0	0	0	0
Other	11430	44	44	5.5	6 / 1*	5 / 1*
TECHNICAL STAFF						
Technical Operations			0	0	0	0
Totals	21269	85	85	12.5	11/1*/1**	8 / 1*

*** 2 Personnel assigned on detail.**
**** One reservist here on ADSW (Active Duty for Special Work) for 60 days.**

Table 4.2, General Support Resources for all Detachments
(Activity:_____) (UIC:_____)

Function	Space allocated (Gross SQFT)	Work Years	Civilian Persnel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/ XO/ TD/etc.)						
Comptroller						
Admin						
Human Resources						
OPERATIONS SUPPORT						
Supply Management						
Consolidated Computational Computer Support						
Information Systems and Communications						
Safety/OSH/Environmental						

INFRASTRUCTURE						
Physical Security						
Public Works/Staff Civil Engr						
Fire Protection						
Medical/Dental						
Military Support						
Air/Waterfront Operations						
Other						
TECHNICAL STAFF						
Technical Operations						
Totals						

Table 4.3, Previous BRAC Impact to General Support Resources for (Activity:_____) (UIC:_____)

Function	Space allocated (Gross SQFT)	Work Years	Civilian Personel onboard	Contract Work Years	Military Personnel Onboard	
					Off	Enl
ADMINISTRATION						
Command (CO/XO/ TD/etc.)						
Comptroller						
Admin						
Human Resources						
OPERATIONS SUPPORT						
Supply Management						
Consolidated Computational Computer Support						
Information Systems and Communications						
Safety/OSH/Environmental						
INFRASTRUCTURE						
Physical Security						
Public Works/Staff Civil Engr						
Fire Protection						
Medical/Dental						
Military Support						
Air/Waterfront Operations						
Other						
TECHNICAL STAFF						
Technical Operations						
Totals						

5. **Technical Staff Qualifications.**

N/A

a. Use Table 5.1 (below) to provide data on the civilian personnel allocated to Technical Operations having the educational and experience levels indicated in the table for your activity. Report data as of 31 March 1994. Similarly, use Table 5.2 (below) to provide data for all your separate detachments or sites that did not receive this data call directly. Consolidate data from all of these detachments into one table (5.2). Provide a list of the detachments whose data is included in Table 5.2.

Table 5.1, Technical Staff Education Level for
(Activity:_____) (UIC:_____)

Highest Degree Attained	Years of Government and/or Military Service					
	Less than 3 Years	3-10 Years	11-15 Years	16-20 Years	More than 20 Years	Total
Grade School						
High School						
B.A./B.S						
M.A./M.S						
Ph.D./ M.D.						
Total						

Table 5.2, Technical Staff Education Level for all Detachments
(Parent Activity:_____) (UIC:_____)

Highest Degree Attained	Years of Government and/or Military Service					
	Less than 3 Years	3-10 Years	11-15 Years	16-20 Years	More than 20 Years	Total
Grade School						
High School						
B.A./B.S						
M.A./M.S						
Ph.D./ M.D.						
Total						

b. Use Table 5.3 (below) to provide data on the number of civilian personnel allocated to Technical Operations with graduate degrees and at least three years of applicable experience that have their highest degree in the fields indicated. Report data as of 31 March 1994. Similarly, use Table 5.4 (below) to provide data for all your separate detachments or sites that did not receive this data call directly. Consolidate data from all of these detachments into one table (5.4). Provide a list of the detachments whose data is included in Table 5.4

Table 5.3, Technical Staff Academic Fields for (Activity:_____) (UIC:_____)

Academic field	Number
Physics	
Chemistry	
Biology	
Mathematics/Statistics/ Operations Research	
Engineering	
Medical	
Dental	
Computer Science	
Social Science	
Other Science	
Non-Science	
Total	

Table 5.4, Technical Staff Academic Fields for all Detachments
(Parent Activity:_____) (UIC:_____)

Academic field	Number
Physics	
Chemistry	
Biology	
Mathematics/Statistics/ Operations Research	
Engineering	
Medical	
Dental	
Computer Science	
Social Science	
Other Science	
Non-Science	
Total	

c. Are there unique aspects of the activity's location that help or hinder in the hiring of qualified personnel?

d. List all articles written by the in-house technical staff that were published or accepted for publication in refereed journals since 1 January 1990.

e. List all technical books and/or chapters written by the in-house technical staff that were published or accepted for publication since 1 January 1990.

f. Identify any Nobel laureates employed at this activity.

g. List all non-governmental awards for research or technical excellence given to members of your technical staff since 1 January 1990.

h. List all governmental awards for research or technical excellence given to members of your technical staff since 1 January 1990.

i. List all patents awarded to the in-house technical staff members of this activity since 1 January 1990.

j. List all patents applied for by the in-house technical staff members of this activity since 1 January 1990.

k. Identify any in-house staff that are members of the National Academy of Engineering.

l. Identify any in-house staff that are members of the National Academy of Sciences.

m. How many Cooperative Research and Development Agreements (CRDAs) have been signed by the activity since 1 January 1990?

n. What has been the activity's annual royalty income from CRDAs and patent licenses for each year since 1 January 1990?

o. List and describe any major end item prototypes, either product or process technology, developed in-house by the activity that are currently in production and/or are currently in use by the U.S. Armed Forces or by industry. Cite a published reference that documents the work.

FACILITIES AND EQUIPMENT

6. **Special Facilities/Equipment Resources.** Include a copy of the form provided at Tab B of this data call for each facility and "major" piece of equipment located at this activity. Include information on separate detachments. The following definitions will apply:

Facilities - Will include such things as rocket firing bays, towing tanks, anechoic chambers, hypervelocity gun ranges, hyperbaric chambers, wind tunnels, simulation/emulation laboratories, etc. Include buildings that are integral to the facility/equipment. Do not include major outdoor ranges or land.

Also, describe modeling and simulation capabilities, hardware in-the-loop facilities and analysis or wargaming capabilities.

Equipment - Resources used to support the operation of the site with a replacement value of $500,000 or greater. Do not include land or buildings in this category. In reporting equipment, provide information to indicate the degree of portability of the equipment. Class 3 Personal Property items ("plant equipment" or "equipment in place") by definition are highly portable and can be moved easily. Some Class 2 Installed Equipment, such as Main-frame computers, test stands and small hyperbaric chambers, require more extensive utilities support and assembly of components, but can be relocated without damage to the facility or equipment, and therefore are considered "moveable" assets.

Other Class 2 items are so large and/or integral to the facility that houses them that major demolition and construction would be required to relocate them, and therefore are considered "fixed" assets. Where appropriate, pieces of equipment can be aggregated for the purposes of completing Tab B.

None- This command occupies only administrative spaces as a tenant using office equipment.

7. **General Facilities.**

a. Is there any cash revenue generated by this activity? Example: Electricity generated at this activity and sold to the local community. If yes, describe. None.

b. What MILCON projects are currently programmed to be completed by the end of FY1995? For each project provide: None.

(1) A description of the proposed facility with title and project number. Be sure to include the trailing alpha designator for BRACs-88, 91 and 93 realignment projects, i.e., P-xxxR, P-xxxS, P-xxxT .

(2) The functional support area(s) that the new facility will support. Refer to Appendix A.

(3) Identify installed equipment to be provided based on the threshold guidance of paragraph 6, page 12, of this data call.

(4) The additional square footage that this project will provide to the functional support area(s).

(5) The current working estimate (CWE) & planned beneficial occupancy date (BOD) of the project.

c. What MILCON projects are currently programmed to be executed/completed after FY1995? For each project provide: None.

(1) A description of the proposed facility with title and project number.

(2) The functional support area(s) the new facility will support.

(3) The identified installed equipment to be provided based on the threshold guidance of paragraph 6, page 12, of this data call.

(4) The additional square footage this project will provide to the functional support area(s).

(5) CWE & planned BOD.

d. What is the distance (in miles) to the nearest military airfield and/or pier not located at your site? Describe. Assume all previous BRAC closures have been executed.

Quantico U. S. Marine Reservation, Quantico, VA, has the nearest military airfield and pier, 6 miles away across the Potomac River. By road. Quantico is 50 miles away. Andrews Air Force Base is the nearest military airfield by road, 21 miles away. Washington Navy Yard, 26 miles away, has the nearest pier by road.

e. How many certified magazines, used for the storage of explosives, does this activity own or control? What is the total explosive weight storage capacity?

None.

LOCATION

8. **Geographic Location.**

a. Is there an imperative in facility, function or synergy that requires the installation/base/facility to be in its present location? If yes, describe.

None- however before the Naval Surface Warfare Center Indian Head Division was chosen personally by the Secretary of the Navy to be the home of the Naval Ordnance Center as it stood up 1 October 1993, a total of 16 alternate Navy, interservice and commercial locations were evaluated. A ranking matrix considering facilities availability, the labor market of skilled personnel, availability of support services, fit-in-costs, transportation accessibility, and quality of life was utilized and economic analyses were performed in reaching the decision to locate as a tenant at Indian Head.

b. What is the importance of the present location relative to customers supported?

Closeness to customers in OPNAV, NAVSEA, NAVAIR, PEO's and PM's within Navy (and various Washington area commands of other services) is facilitated by the Indian Head location.

FEATURES AND CAPABILITIES

9. **Computational Facilities.**

a. Describe the general and special computational capabilities at this site. Include super computing, parallel computing, distributed computing and networking. Include high-speed data transfer, fiber optic links, microwave links, network interconnectivity and video teleconferencing capabilities. Do not discuss desktops and laptops except as they relate to networking.

Not applicable- only networked office PCs and remote inventory data system terminals are on site at this Command.

10. **Mobilization Responsibility and Capability.**

a. Describe any mobilization responsibility officially assigned to this site. Cite the document assigning the responsibility.

NAVORDCEN has the responsibility to supervise the reserve mobilization of seven conus weapons locations, two divisions (NAVORDCENLANT, NAVORDCENPAC) and its own headquarters component. SECNAV ltr of 5 Jan 93 establishes NAVORDCEN; COMNAVSEA ltr of 20 Apr 93 (Naval Ordnance Reserve Program Initiative) delineates reserve mobilization responsibilities.

(1) What functional support area(s) does this responsibility support? Refer to Appendix A for the list of functional support areas? Ordnance management.

(2) What portion of the work years and dollars, as reported in each applicable functional support area reported in Tab A, are spent solely on maintaining your activity's readiness to execute the mobilization responsibilities? None.

(3) How many additional personnel (military & civilian) would be assigned to your activity as part of the mobilization responsibility? Include separately any contractor assets that would be added. 30 military, no civilians or contractors.

b. Does your activity have adequate facilities to support your mobilization responsibilities? (yes/no) Yes.

(1) If yes, is any space assigned for the sole purpose of maintaining mobilization readiness? (yes/no) If yes, list the square footage assigned. No.

(2) If no, what repairs, renovations and/or additions are required to provide adequate facilities? None. What is the estimated cost of this work? N/A.

(3) Are there any restrictions that would prevent work (noted in paragraph 10.b.(2) above) from taking place (i.e., AICUZ, environmental constraints, HERO, etc.)? If yes, describe. No.

c. Describe any production facilities that would be activated in case of a future contingency. None.

d. Is your activity used as a Reserve Unit mobilization and/or training site? Yes. NAVORDCEN is a training and mobilization site for one reserve unit: NR NAVSEA DET 1806.

11. **Range Resources.** Include a copy of the form provided at Tab C of this data call for each range located at this activity or operated by this activity. Also, report ranges at detachments and sites not receiving a separate data call. The following definition of a range will apply:

Range - An instrumented or non-instrumented area that utilizes air, land, and/or water space to support test and evaluation, measurements, training and data collection functions, but is not enclosed within a building. None.

QUALITY OF LIFE -

Responses to this section are being submitted by our host and plant account holder - Naval Surface Warfare Center Indian Head Division (UIC N00174) on a coordinated basis for itself and all tenants.

12. **Military Housing**

(a) Family Housing:

(1) Do you have mandatory assignment to on-base housing? (circle) yes no

(2) For military family housing in your locale provide the following information:

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

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

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

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

5/3/94

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

23 May 1994

MILITARY VALUE DC-5 NAVORDCEN HQ UIC: 68963

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 — R. Sutton

NAME (Please type or print) Signature

COMMANDER — 10 MAY 94

Title Date

NAVAL ORDNANCE CENTER

Activity

Document Separator

190

DATA CALL 1: GENERAL INSTALLATION INFORMATION

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

- Name

Official name	***Naval Ordnance Center Headquarters***
Acronym(s) used in correspondence	***NAVORDCENHQ***
Commonly accepted short title(s)	***NOC HQ***

- Complete Mailing Address

Commander
Naval Ordnance Center
Farragut Hall Bldg D-323
23 Strauss Avenue
Indian Head, Maryland 20640-5555

- PLAD

NAVORDCEN Indian Head MD

- PRIMARY UIC: **68963** (Plant Account UIC for Plant Account Holders)

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

- ALL OTHER UIC(s): **N/A** PURPOSE: _____

_____ _____

_____ _____

2. PLANT ACCOUNT HOLDER:

• Yes ___ No _X___ (check one)

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

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

• Yes ___ No _X___ (check one)

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

• Yes _X___ No ___ (check one)

• Primary Host (current) UIC: **00174**

• Primary Host (as of 01 Oct 1995) UIC: **00174**

• Primary Host (as of 01 Oct 2001) UIC: **00174**

Indian Head Division, Naval Surface Warfare Center

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

• Yes ___ No _X___ (check one)

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

Name	Location	UIC

None		

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

Name	UIC	Location	Host name	Host UIC
None				

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

Not affected by previous decisions.

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

Current Missions

- **Coordinate ordnance fleet requirements and issues**
- **Control world-wide distribution of ordnance**
- **Administer and provide ordnance waterfront support operations**
- **Perform ordnance maintenance management (intermediate and depot)**
- **Manage in-service ordnance functions i.e., ordnance Quality Evaluation and Surveillance**
- **Act as central clearinghouse for ordnance fleet issues and problems with the program managers**
- **Manage worldwide shore-based ordnance inventory**
- **Manage naval weapons stations/sustaining stock points infrastucture**
- **Promulgate ordnance explosives safety and security policy**
- **Manage/integrate all ordnance management information systems**
- **Provides continuing analysis, assessment and recommendations with respect to the readiness, positioning, quantity, storage, and usage of the world-wide Navy stockpile of ordnance.**
- **Manage Warfare Assessment and Measurement Science/Metrology function**
- **Manage tri-service Explosive Ordnance Demolition Technology**

Projected Missions for FY 2001

The current mission identified above represents a major change in the Navy's in-serivce ordnance management paradigm. This change was designed to meet the ordnance needs for the next decade.

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

Current Unique Missions

A single management focus for the entire Navy in-service inventory.

Projected Unique Missions for FY 2001

After FY96 all fleet sustaining stock points will be included within NAVORDCEN management purview completing the world-wide control of Navy in-service ordnance.

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

• Operational name	UIC
Naval Sea Systems Command Headquarters	**00024**

• Funding Source	UIC
DBOF	**Multiple**

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

On Board Count as of 01 January 1994

	Officers	Enlisted	Civilian
(DBOF)			
• Reporting Command	**9**	**2**	**79**
• Tenants (total)	**0**	**0**	**0**

Authorized Positions as of 30 September 1994

• Tenants (total) 0 0 0

11. KEY POINTS OF CONTACT (POC): Provide the work, FAX, and home telephone numbers for the Commanding Officer or OIC, and the Duty Officer. Include area code(s). You may provide other key POCs if so desired in addition to those above. **(Commercial 301-743-XXXX, DSN 354).**

Title/Name	Office	Fax	Home
• **Commander**			
RADM R. Sutton	**6001**	**6005**	**4432**
• Duty Officer **None**			[N/A]
• BRAC POC **Clint Hepler**	**6016**	**6005**	

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

• Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
None				

• Tenants residing on main complex (homeported units.)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
None				

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

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
None					

• Tenants (Other than those identified previously)

Tenant Command Name	UIC	Location	Officer	Enlisted	Civilian
None					

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

Activity name	Location	Support function (include mechanism such as ISSA, MOU, etc.)
None		

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

• Local Area Map. This map should encompass, at a minimum, a 50 mile radius of your activity. Indicate the name and location of all DoD activities within this area, whether or not you support that activity. Map should also provide the geographical relationship to the major civilian communities within this radius. (Provide 12 copies.)

• Installation Map / Activity Map / Base Map / General Development Map / Site Map. Provide the most current map of your activity, clearly showing all the land under ownership/control of your activity, whether owned or leased. Include all outlying areas, special areas, and housing. Indicate date of last update. Map should show all structures (numbered with a legend, if available) and all significant restrictive use areas/zones that encumber further development such as HERO, HERP,

HERF, ESQD arcs, agricultural/forestry programs, environmental restrictions (e.g., endangered species). (Provide in two sizes: 36"x 42" (2 copies, if available); and 11"x 17" (12 copies).)

- Aerial photo(s). Aerial shots should show all base use areas (both land and water) as well as any local encroachment sites/issues. You should ensure that these photos provide a good look at the areas identified on your Base Map as areas of concern/interest - remember, a picture tells a thousand words. Again, date and label all copies. (Provide 12 copies of each, 8½"x 11".)
- Air Installations Compatible Use Zones (AICUZ) Map. (Provide 12 copies.)

All applicable portions of this section have been provided by the host activity: Indian Head Division, Naval Surface Warfare Center, UIC N00174.

DATA CALL NUMBER ONE - NAVAL ORDNANCE CENTER UIC 68963

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 S. R. Stumm

Title _____ Date 7-8-94

Activity _____

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

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

J. B. GREENE, JR. _____ Signature J B Greene

NAME (Please type or print)

ACTING _____ 14 JUL 1994

Title Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

ACTIVITY COMMANDER

J. W. EYER — NAME (Please type or print)

Signature

ACTING COMMANDER — Title

6/30/94 — Date

NAVAL ORDNANCE CENTER — Activity

Document Separator

CAPACITY ANALYSIS:
DATA CALL #4 WORK SHEET FOR
TECHNICAL CENTER or LABORATORY: Naval Ordnance Center, Indian Head, MD

Table of Contents

**********If any responses are classified, attach a separate classified annex. **********

7 April 1994

1. Historical and Projected Workload. Use Tables 1.1, 1.2, 1.3 & 1.4 below to provide historical and currently projected workload data for your activity in terms of funding and workyears. Assume previous BRAC closures and realignments are implemented on schedule. Dollar amounts should be in then-year dollars. Workyears should be separated for in-house government efforts and on-site contractor work.

a. Use Table 1.1 to provide data on your site.

b. Use Table 1.2 to provide data on your Detachments that did not receive this Data Call directly. Compile the information from all of these Detachments into one table. Attach a list of the titles & UIC's of the Detachments included in the table.

c. For FY's 1993 thru 1997 provide a breakout of the "Total Funds Budgeted" line showing the appropriation and amounts of funding budgeted from your major customers. Major resource Sponsors are defined as, but not limited to, all systems commands, ONR, SSPO, CNO, FLT CINCs, Other DON, Other DOD by Department, Other Federal Government, All other. Use Table 1.3 to report this breakout for your site. Use Table 1.4 to report this breakout for your compiled Detachments that did not receive this Data Call directly. Provide separate tables for FY's 1993 thru 1997.

Use the following definitions when providing data for the tables below:

Workyears: Consistent with those used in the preparation of inputs to the President's budget.

In-House government efforts or In-House workyears: Includes both military and civil servant employees

On-Site Contractor workyears: Actual or estimated workyears performed by support contractors with workyears defined consistent with the definition used in the President's budget.

On-site Contractors: Those contractors that occupy space directly on the site on nearly a full time basis.

Total Funds Budgeted: The funds used as inputs to the President's Budget.

Civilian Personnel On-Board: Full Time Permanent employees (FTP).

Table 1.1 Historical and Projected Workload for NAVORDCEN (UIC 68963)

Fiscal Year	Total Funds Budgeted ($K)	Total Funds Received w/o Direct Cite ($K)	Direct Cite Funds Received ($K)	Budgeted Wkyrs	Actual In-House Wkyrs	Actual Onsite Contract Wkyrs
86	N/A	N/A	N/A	N/A	N/A	N/A
87	N/A	N/A	N/A	N/A	N/A	N/A
88	N/A	N/A	N/A	N/A	N/A	N/A
89	N/A	N/A	N/A	N/A	N/A	N/A
90	N/A	N/A	N/A	N/A	N/A	N/A
91	N/A	N/A	N/A	N/A	N/A	N/A
92	N/A	N/A	N/A	N/A	N/A	N/A
93	N/A	N/A	N/A	N/A	N/A	N/A
94	11,900			104		
95	11,300			95		
96	11,300			95		
97	11,300			95		

Note: FY 86-93 data is not applicable since the NAVORDCEN Headquarters was not operational prior to 1 Oct 93. Estimates are based on the FY95 President's budget submission of Feb 94.

Table 1.2 Historical and Projected Workload for Detachments of NAVORDCEN (UIC 68963)

Fiscal Year	Total Funds Budgeted ($K)	Total Funds Received w/o Direct Cite ($K)	Direct Cite Funds Received ($K)	Budgeted Wkyrs	Actual In-House Wkyrs	Actual Onsite Contract Wkyrs
86						
87						
88						
89						
90						
91						
92						
93						
94						
95						
96						
97						

N/A

TABLE 1.3 FY 1993 BREAKOUT OF FUNDS BUDGETED for NAVORDCEN (UIC 68963)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
N/A								N/A							

Note: FY93 data is not applicable since the NAVORDCEN Headquarters was not operational prior to 1 Oct 93.

TABLE 1.3 FY 1994 BREAKOUT OF FUNDS BUDGETED for NAVORDCEN (UIC 68963)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
NWS-DBOF															11900

Note: NAVORDCEN is an echelon III headquarters command whose operational costs are financed as general and administrative (G & A) overhead expense to the seven conus Naval Weapons activities (Charleston, Concord, Earle, Seal Beach, Yorktown, Fallbrook, Port Hadlock) under its cognizance. Activities are Defense Business Operations Fund (DBOF) activities and recover these G & A overhead expenses via the rates charged to its direct customers. Estimates are based on the FY95 President's budget submission of Feb 94.

TABLE 1.3 FY 1995 BREAKOUT OF FUNDS BUDGETED for NAVORDCEN (UIC 68963)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
NWS-DBOF															11300

Note: NAVORDCEN is an echelon III headquarters command whose operational costs are financed as general and administrative (G & A) overhead expense to the seven conus Naval Weapons activities (Charleston, Concord, Earle, Seal Beach, Yorktown, Fallbrook, Port Hadlock) and the Naval Warfare Assessment Division at Corona under its cognizance. The eight activities are Defense Business Operations Fund (DBOF) activities and recover these G & A overhead expenses via the rates charged to its direct customers. Estimates are based on the FY95 President's budget submission of Feb 94.

TABLE 1.3 FY 1996 BREAKOUT OF FUNDS BUDGETED for NAVORDCEN (UIC 68963)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
NWS-DBOF															11300

Note: NAVORDCEN is an echelon III headquarters command whose operational costs are financed as general and administrative (G & A) overhead expense to the seven conus Naval Weapons activities (Charleston, Concord, Earle, Seal Beach, Yorktown, Fallbrook, Port Hadlock) and the Naval Warfare Assessment Division at Corona under its cognizance. The eight activities are Defense Business Operations Fund (DBOF) activities and recover these G & A overhead expenses via the rates charged to its direct customers. Estimates are based on the FY95 President's budget submission of Feb 94.

TABLE 1.3 FY 1997 BREAKOUT OF FUNDS BUDGETED for NAVORDCEN (UIC 68963)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
NWS-DBOF															11300

Note: NAVORDCEN is an echelon III headquarters command whose operational costs are financed as general and administrative (G & A) overhead expense to the seven conus Naval Weapons activities (Charleston, Concord, Earle, Seal Beach, Yorktown, Fallbrook, Port Hadlock) and the Naval Warfare Assessment Division at Corona under its cognizance. The eight activities are Defense Business Operations Fund (DBOF) activities and recover these G & A overhead expenses via the rates charged to its direct customers. Estimates are based on the FY95 President's budget submission of Feb 94.

TABLE 1.4 FY 199_ BREAKOUT OF FUNDS BUDGETED for DETACHMENTS of _____
(UIC _____)

SPONSOR	RDT&E(N)							Other RDT&E	Other Appropriation						
	6.1	6.2	6.3a	6.3b	6.4	6.5	6.6		OMN	APN	OPN	WPN	SCN	Other Navy	All Other
NWS-DBOF															

N/A

2. Current Class 2 Assets. Complete Tables 2.1 thru 2.6 below as directed. Tables 2.1, 2.2 & 2.3 will define the Class 2 property owned or leased by your activity (less Detachments). Tables 2.4, 2.5 & 2.6 will define the combined Class 2 assets owned or occupied at your Detachment sites which did not receive this Data Call directly. Report space holdings and assignments as of 31 March 1994. Provide numbered notes to explain imminent changes, additions & deletions such as previous BRAC realignments, MILCON (including BRAC related MILCON) & Special Projects that are currently programmed in the FYDP. Give the project number & title, cost, short description, quantity of additional square footage, award date, estimated/actual construction start date and estimated BOD. Square footage of space is to be reported in "Gross Floor/Building Area" (GF/BA) as defined in NAVFAC P-80. Many of the P-80 Category Code Numbers (CCN's) have assets that are reported in units of measure other than square feet (SF). The only unit of measure desired for this Data Call is SF. Only report the assets in each CCN that are normally reported in SF.

For your Site:

a. Use Table 2.1 below to indicate the total amount of Class 2 space at your site for which you are the plant account holder as of 31 March 1994.

b. Use Table 2.2 below to indicate the total amount of your Class 2 space reported in Table 2.1 that is assigned to your tenant commands and/or independent activities at your site as of 31 March 1994.

c. Use Table 2.3 below to indicate the total amount of Class 2 space, for which you are not the plant account holder, but which is utilized/leased by you (less Detachments). Provide numbered notes to identify the title and UIC of the plant account holder/lessor, quantity of leased space and the associated lease cost.

Table 2.1 Main Site Class 2 Assets of _____ (UIC _____)

Building type	NAVFAC (P-80)	Gross Floor/Building Area (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production	200				
Science labs	310				
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs	315				
Ammunition, Explosives, & Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities	600				
Housing & Community	700				
Utilities & Grounds	800				
Other					
TOTALS					

N/A

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

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Table 2.2 Main Site Class 2 Space of _____ (UIC _____)
Assigned to Tenants

TENANT		NAVFAC (P-80) Category Code	GF/BA Assigned (KSF)
Name	UIC		
		Total:	

N/A

Table 2.3 Class 2 Space Utilized/Leased by Naval Ordnance Center (UIC 68963)

Building type	NAVFAC (P-80)	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production	200				
Science labs	310				
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs	315				
Ammunition, Explosives, and Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities	600	21.3			21.3
Housing & Community	700				
Utilities & Grounds	800				
Other					
	Totals	21.3			21.3

Utilizing space as tenant of the Naval Surface Warfare Center, Indian Head Division, UIC 00174.

For your Detachment sites not receiving this Data Call directly: N/A

e. Use Table 2.4 below to indicate the combined total amount of Class 2 space that is occupied by your Detachments for which you are the plant account holder as of 31 March 1994. Attach a list with the titles and UIC's of these Detachments.

f. Use Table 2.5 below to indicate the total amount of your Class 2 space reported in Table 2.4 that is assigned to tenant commands and/or independent activities as of 31 March 1994. Include numbered notes to indicate the Detachment site that hosts the tenant.

g. Use Table 2.6 below to indicate the combined total amount of Class 2 space utilized/leased by your Detachments for which you are not the plant account holder. Provide numbered notes to indicate the quantity of leased space and their associated rental cost.

Table 2.4 Class 2 Assets of _____ Occupied by Detachments

Building type	NAVFAC (P-80)	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production	200				
Science labs	310				
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs	315				
Ammunition, Explosives, and Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities	600				
Housing & Community	700				
Utilities & Grounds	800				
Other					
Totals					

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

(1) FACILITY TYPE/CODE:
(2) WHAT MAKES IT INADEQUATE?
(3) WHAT USE IS BEING MADE OF THE FACILITY?
(4) WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
(5) WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
(6) CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
(7) HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

Table 2.5 Class 2 Space at Detachment Sites of _____ (UIC _____)
Assigned to Tenants

TENANT		NAVFAC (P-80) Category Code	GF/BA (KSF) Assigned
Name	UIC		
		Total:	

Table 2.6 Class 2 Space Utilized/Leased by Detachments of _____ (UIC ____)

Building type	NAVFAC (P-80)	GF/BA (KSF)			
		Adequate	Sub-standard	In-adequate	Total
Operational & Training	100				
Maintenance & Production	200				
Science labs	310				
Aircraft labs	311				
Missile and Space labs	312				
Ship and Marine labs	313				
Ground Transportation labs	314				
Weapon and Weapon Systems labs	315				
Ammunition, Explosives, and Toxics labs	316				
Electrical Equip. labs	317				
Propulsion labs	318				
Miscellaneous labs	319				
Underwater Equip. labs	320				
Technical Services labs	321				
Supply Facilities	400				
Hospital & other Medical	500				
Administrative Facilities	600				
Housing & Community	700				
Utilities & Grounds	800				
Other					
	Totals				

3. Class 2 Space Available for Expansion. An activity's expansion capability is a function of it's ability to reconfigure and/or expand existing facilities to accept new or increased roles. Such a reconfiguration may require rehabilitation or buildout of a space to support the new or expanded role. A space expansion could include converting an underutilized storage space into laboratory spaces, or buildout of a high bay area into a multifloor office/laboratory space. All questions refer to Class 2 property for which you are the plant account holder as of 31 March 1994. Do not report any currently programmed changes or additions previously reported in question #2 above. Expansion opportunities must follow the guidance of NAVFAC P-80 for the appropriate facility category code, as well as applicable fire and safety codes. Personnel loading density should not exceed those specified in the P-80. Space is only available if it is currently unoccupied or the current occupants are officially designated for relocation. Report space as Net Floor Area (NFA) as defined in the P-80. Do not include opportunities that are being reported by your Detachments who received this Data Call directly. Reported expansion opportunities must be able to accommodate the necessary ancillary facilities and equipment, such as adequate parking space, required to support the amount of people projected.

a. What is the maximum quantity of space that could be made available for expansion to accommodate other functions and/or increased efforts? Report in terms of the "Current NFA" as shown in Tables 3.1 & 3.2. _____ SQFT.

b. How much of the space reported in question 3.a. above is currently available with minimal or no reconfiguration costs? Report in terms of the "Current NFA" as shown in Tables 3.1 & 3.2. _____ SQFT.

c. Use Table 3.1 below to indicate the constrained growth opportunities for accepting expanded or new roles. Constrained growth is defined as growth limited to buildings and structures currently on your Class 2 plant account. Add numbered notes to highlight and explain opportunities that require remediation or waiver of a restriction or encumbrance as part of the expansion. Provide lettered notes to clearly identify each opportunity with the title & UIC of the site it refers to. The "Current NFA (KSF)" column total should match the quantity provided in question #3.a. above. Annotate those opportunities that were used to obtain the answer to question #3.b. above. Report space once, do not use the same space for different expansion opportunities. Include in this table space that will become available once planned downsizing (separate from BRAC realignments) has been completed, provide the estimated completion date of the downsizing effort.

d. Use Table 3.2 below to indicate additional unconstrained growth opportunities for accepting expanded or new roles. Unconstrained growth allows for construction of new facilities on existing buildable Class 1 property. The only constraint being that the land must currently be on your plant account holdings as of 31 March 1994 and free of existing land use constraints. Limit new buildings to three stories. Add numbered notes to highlight and explain additional opportunities that would require remediation or waiver of a land use constraint as part of the expansion. Provide lettered notes to clearly identify each opportunity with the title & UIC of the site it refers to. Do not include space that has been reported in Table 3.1.

This command does not own any class 1 or 2 property.

Table 3.1 Constrained Class 2 Space Available for Expansion at _____ (UIC _____)

Building # / Category Code (3 digit)	Current NFA (KSF)	Additional Capacity Provided By Expansion		Height of High Bay (FT)	Estimated Cost of Rehab ($K's)
		NFA (KSF)	# of Personnel		
Totals					

N/A

Table 3.2 Unconstrained Class 2 Space Available for Expansion at _____ (UIC _____)

Building # / Category Code (3 digit)	Current NFA (KSF)	Additional Capacity Provided By Expansion		Height of High Bay (FT)	Estimated Cost of Rehab ($K's)
		NFA (KSF)	# of Personnel		
Totals					

4. Class 1 Space Available for Expansion.

a. Identify in Table 4.1 below the real estate resources which have the potential to facilitate future development, and for which you are the plant account holder as of 31 March 1994, or into which, though a tenant, your activity could reasonably expect to expand. Complete a separate table for each individual site (i.e., main base, outlying airfields, special off-site areas, etc.) and Detachment that did not receive this Data Call directly. The unit of measure is acres. Developed area is defined as land currently with buildings, roads, and utilities where further development is not possible without demolition of existing improvements. Include in "Restricted" acreage that is restricted for future development due to environmental constraints (e.g. wetlands, landfills, archaeological sites), operational restrictions (e.g. ESQD arcs, HERO, HERP, HERF, AICUZ, ranges) or cultural resources restrictions. Identify the reason for the restriction when providing the acreage in the table. Specify any entry in "Other" (e.g. submerged lands).

N/A

b. Are there any constraints such as parking, utilities, legal restrictions that limit the potential for using Undeveloped land for expansion?

N/A

c. Explain the radio frequency constraints/opportunities within your Class 1 holdings.

N/A

Class 1 Resources of _____ (UIC: _____)
Site Location: _____

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance				
Operational				
Training				
R & D				
Supply & Storage				
Admin				
Housing				
Recreational				
Navy Forestry Program				
Navy Agricultural Outlease Program				
Hunting/Fishing Programs				
Other				
Total:				

d. Of the total Unrestricted Acres reported above, how much of it has existing roads and/or utilities that could support expansion efforts? _____ Acres. Explain.

N/A

This command does not own any class 1 or 2 property.

5. Base Infrastructure Capacity. Provide base infrastructure data as of 31 March 1994. Provide numbered notes to explain imminent changes, additions & deletions driven by previous BRAC realignments, MILCON (including BRAC related MILCON) & Special Projects that are currently programmed in the FYDP. Give the project number & title, cost, short description, quantity of additional square footage, award date, estimated/actual construction start date and estimated BOD.

a. Utilize Table 5.1 below to provide information on your activity's base infrastructure capacity and load. Do not report this information if you are a tenant activity.

Table 5.1 Base Infrastructure Capacity & Load

	On Base Capacity	Off base long term contract	Normal Steady State Load	Peak Demand
Electrical Supply (KWH)				
Natural Gas (CFH)				
Sewage (GPD)				
Potable Water (GPD)				
Steam (PSI & lbm/Hr)				
Long Term Parking				
Short Term Parking				

b. Maintenance, Repair & Equipment Expenditure Data: Use Table 5.2 below to provide data on facilities and equipment expenditures at your activity. Project expenditures to FY 1997. Do not include data on Detachments who have received this Data Call directly. Do not report this information if you are a tenant activity. The following definitions apply:

Maintenance of Real Property (MRP) Dollars: MRP is a budgetary term used to gather the expenses or budget requirements for facility work including recurring maintenance, major repairs & minor construction (non-MILCON) inclusive of all Major Claimant funded Special Projects. It is the amount of funds spent on or budgeted for maintenance

and repair of real property assets to maintain the facility in satisfactory operating condition. For purposes of this Data Call MRP includes all M1/R1 and M2/R2 expenditures.

Current Plant Value (CPV) of Class 2 Real Property: The hypothetical dollar amount to replace a Class 2 facility in kind with today's dollars. Example: the cost today to replace a wood frame barracks with a wood frame barracks.

Acquisition Cost of Equipment (ACE): The total cumulative acquisition cost of all "personal property" equipment maintained at your activity which includes the cost of installed equipment directly related to mission execution, such as lab test equipment. Class 2 installed capital equipment that is an integral part of the facility will not be reported as ACE.

Table 5.2 Maintenance, Repair & Equipment Expenditure Data for _____ (UIC: _____)

Fiscal Year	MRP ($M)	CPV ($M)	ACE ($M)
1985			
1986			
1987			
1988			
1989			
1990			
1991			
1992			
1993			
1994			
1995			
1996			
1997			

c. Training Facilities:

(1) By facility Category Code Number (CCN), provide the usage requirements for each course of instruction required for all formal schools on your installation. A formal school is a programmed course of instruction for military and/or civilian personnel that has been formally approved by an authorized authority (ie: Service Schools Command, Weapons Training Battalion, Human Resources Office). Do not include requirements for maintaining unit readiness, GMT, sexual harassment, etc. Include all applicable 171-*xx*, 179-*xx* CCN's.

Type of Training Facility/CCN	School	Type of Training	FY 1993 Requirements			FY 2001 Requirements		
			A	B	C	A	B	C

A = STUDENTS PER YEAR
B = NUMBER OF HOURS EACH STUDENT SPENDS IN THIS TRAINING FACILITY FOR THE TYPE OF TRAINING RECEIVED
C = A x B

(2) By Category Code Number (CCN), complete the following table for all training facilities aboard the installation. Include all 171-*xx* and 179-*xx* CCN's.

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

Type Training Facility/CCN	Total Number	Design Capacity (PN)[1]	Capacity (Student HRS/YR)

(3) Describe how the Student HRS/YR value in the preceding table was derived.

[1] Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, i.e., ranges. Design Capacity (PN) must reflect current use of the facilities.

6. Ship Berthing Capacity. If your activity has the capacity to berth ships fill out the data sheets provided at TAB A.

N/A

7. Operational Airfield Capacity. If your activity owns and operates an operational airfield fill out the data sheets provided at TAB B.

N/A

8. Depot Level Maintenance Capacity. Fill out the data sheets provided at TAB C if you or your subordinate activities perform depot level maintenance on a piece of equipment or system.

Tab C - Part II attached for depot level work performed at the Naval Warfare Assessment Division.

9. Ordnance Storage Capacity. If your activity has the capability to store or maintain weapons and ordnance fill out the data sheets provided at TAB D.

N/A

PART II: HEADQUARTERS (MAJOR OWNERS & OPERATORS)

1. Interservicing Candidates

1.1

A. **Special Interface Gage Facility, Naval Warfare Assessment Division**

The Navy Special Interface Gage (NSIG) capability grew of the weapons critical needs identified from the lessons of warfare as the need to inspect wear/damage to maintain readiness/safety of certain weapon systems (e.g. gun barrels, launchers, launch tubes, etc.) was identified to represent an unreasonably high risk/cost to Navy ships and personnel. Over the years, the Navy's interface gage capability has been downsized/consolidated to one location/facility at NWAD. This was due to the relative low volume of gage work versus the high cost of maintaining multiple facilities. The differences in the Navy's support logistics problem from the other DOD services (limited ship/submarine space and maintenance availability periods, etc.) make gages more uniquely suited to Navy applications where other inspection methods/techniques might suffice where space/availability are less constrained.

The NISG facility is a highly precise, environmental controlled lab for the certification, maintenance/repair, and fabrication of prototype gages and measurement equipment. It is tied to the Navy's only Metrology Engineering capability and an equally precise Level I Standards Lab. It provides support for over 20,000 special interface gages fielded in support of Fleet & Marine Corps and for NAVSEA, Air and SSPO weapons programs, including TRIDENT, TOMAHAWK, STANDARD MISSILE, VLS, RAN, ASROC, HARPOON/SLAM, PHOENIX and others. Gages are used to support Fleet operations, readiness, safety, and maintenance aboard ship. They are also used in the Navy's inspection process to assure physical interfaces are correct and that contractor supplied weapon system components, sub-assemblies, and sub-systems meet specification and are interchangeable and/or mate together during build-up. Since the Navy has the interface gage capability, acquisition program managers utilize interface gaging where economically practicable in support of their programs.

Also, other DOD services do not have a consolidated Special Interface Gage Facility similar to the Navy's, but rely upon a distributed support for gages including accessing the Navy's capability as required by program manager decisions. With the converntional downsizing, this would be good opportunity to cosolidate all services physical interface gage certificaions at the Navy Gage Laboratory. This would provide a standardized service which would provide better configuration control and better quality product at a reduced cost.

b. NWAD TYPE II CALIBRATION STANDARDS LABORATORY

NWAD operates a Navy Type II Calibration Standards Laboratory, which has Type II capability in many measurements areas, and is colocated at the same facility as the Navy's Metrology Engineering Center. This laboratory calibrates most of the calibration standards on the West Coast/Pacific for Navy shipboard and shore military and civilian depot laboratories. The standards that cannot be supported by NWAD's Type II laboratory are supported by the Navy Primary Standards Laboratory (NPSL) Type I, located in the same geographical area of Southern California. A Memo of Understanding (MOU) signed by NWAD/NPSL Type I covers the calibration standards workload sharing, along with other tasking.

The Air Force Type I laboratory in Newark OH is being closed due to BRAC 93, however the calibration standards from the calibration laboratories located at Air Force Bases and contractors will still require support. It is proposed that this workload be supported by:
(1) the combination of NPSL/NWAD (2) the Air Force could co-locate their laboratory in the same geographical area of Southern California by either co-locating with the Navy Metrology Engineering Center/Type II Standards Laboratory at the same facility or at a nearby Air Force Facility. This would allow for a stronger program at a reduced cost with a Navy/Air Force centroid located in Southern California, due to shared resources and a strengthened engineering base.

c. TELEMETRY AND TELECOMMUNICATIONS (Ground, General Purpose, Other): NWAD is responsible for three groups that design, implement, and maintain hardware/software systems: Telemetery design; Weapons Impact Scoring Systems (WISS); Telecommunications.

Telemetry Engineering: NWAD is the Depot Level Repair Facility for Navy Tactical Training Range Telemetry Station Development as designated by NAVAIR PMA248 in NAVAIR TR-ILSP-326, change 2, dated 1 June 1993. The ILSP specifies that operational and intermediate level maintenance will be accomplished at the telemetry field station and that operational level will be performed by NWAD, Corona, CA. When equipment fails at a telemetry field station, the engineers/technicians at the field site fix the equipment if feasible. If they are unable to repair the equipment it is sent to NWAD, Corona where the system is given to a local technician that performs depot level repair.

There are also telemetry field stations at off-site locations which perform operational and intermediate maintenance at:

Naval Station Roosevelt Roads, PR
Naval Air Station Oceana, VA
NATO Allied Missile Firing Installatien, Crete, GR

WISS: Operational maintenance is performed by government or contract technicians at each range facility. Equipment that cannot be repaired at range sites is returned to NWAD for further test and operational level repair. Because the design engineers reside at NWAD, the capability to perform depot level repairs exists.

Twenty-six WISS systems are located at the following DOD training ranges:

NAS Cecil Field, Astor Detachment, FL
NWSTF Boardman, OR
MCB Camp Pendleton, CA
MCAS Cherry Point, NC
NAS Oceana, VA
NAF El Centro, CA
NAS Fallon, NV
NAS North Island, CA (San Clemente Island)
NAS Sigonella, IT
ANG Townsend, GA*
MCAGCG Twentynine Palms, CA
MCAS Yuma, AZ
AFTWTF Vieques, PR
NAS Whidbey Island, WA

* Limited support for Air National Guard WISS

TELECOMMUNICATIONS: Although the telecommunications group has systems installed at many DOD facilities, they are not currently responsible for any level of maintenance for these systems. Although depot level maintenance is not currently performed, laboratory space and personnel are available to implemment depot level maintenance if required.

As the Air Force and Army have similar requirements for Telemetry support and telecommunications, the opportunity exists to consolidate range telemetry support and associated telecommunications to the Navy. WISS systems are Navy unique and applicable to Air Force and/or Army use as Weapons Impact Scoring Systems are universally required across all DOD conventional weapons (bullets and bombs) operational training range users.

2. Core Requirements

2.1 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 2.2, 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.

-- The only Naval Ordnance Center technical center site performing core workload in the categories listed is the Naval Warfare Assessment Division. All items shown in the 2.1 tables are at that site.

Table 2.1.a: **Workload Requirements FY 1993**

FY 1993 Commodity Type	Core Workload (DLMHs)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Calibration	35000	3940	38940	35000
Special Interest Item	16530	11022	27552	16530
Ground Gen. Purp. (TM, Telcon)	800	89	889	800
Total:	52,330	15,051	67,381	52,330

TAB C - PART II

UIC: 68963

Table 2.1.b: **Workload Requirements FY 1994**

FY 1994 Commodity Type	Core Workload (DLMHs)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Calibration	25200	2800	28000	25200
Special Interest Items	18600	12400	31000	18600
Ground, Gen. Purp. (TM,Telcon)	797	89	886	797
Total:	44597	15289	59886	44597

Table 2.1.c: **Workload Requirements FY 1995**

FY 1995 Commodity Type	Core Workload (DLMHs)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Calibration	25200	2800	28000	25200
Special Interest Item	18600	12400	31000	18600
Ground Gen. Purp Other (TM,Telcon)	794	88	882	794
Total:	44594	15288	59882	44594

TAB C - PART II

UIC: 68963

Table 2.1.d: **Workload Requirements FY 1996**

FY 1996 Commodity Type	Core Workload (DLMHs)			
	Core Workload	Directed Workload	Core "Plus" Worklcad	Title 10 Workload
Calibration	25200	2800	28000	25200
Special Interest Item	18600	12400	31000	18600
Ground, Gen. Purp.(TM,Telecon)	800	85	882	800
Total:	44600	15285	59882	44600

TAB C - PART II

UIC: 68963

Table 2.1.e: **Workload Requirements FY 1997**

FY 1997 Commodity Type	Core Workload (DLMHs)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Calibration	25200	2800	28000	25200
Special Interest Item	18600	12400	31000	18600
Ground Gen. Purp. Other(TM,Telcon)	800	85	885	800
Total:	44600	15285	59885	44600

Table 2.1.f: **Workload Requirements FY 1998**

FY 1998 Commodity Type	Core Workload (DLMHs)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Calibration	25200	2800	28000	25200
Special Interest Item	18600	12400	31000	18600
Ground,Gen. Purp. Other(TM.Telcon)	800	85	885	800
Total:	44600	15285	59885	44600

TAB C - PART II

UIC: 68963

TAB C - PART II

UIC: 68963

Table 2.1.g: **Workload Requirements FY 1999**

FY 1999 Commodity Type	Core Workload (DLMHs)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Calibration	25200	2800	28000	25200
Special Interest Item	18600	12400	31000	18600
Ground,Gen. Purp. Other (TM,Telcon)	800	85	885	800
Total:	44600	15285	59885	44600

TAB C - PART II

UIC: 68963

Table 2.1.h: **Workload Requirements FY 2000**

FY 2000 Commodity Type	Core Workload (DLMHs)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Calibration	25200	2800	28000	25200
Special Interest Item	18600	12400	31000	18600
Ground,Gen. Purp. Other	800	85	885	800
Total:	44600	15285	59885	44600

TAB C - PART II

UIC: 68963

Table 2.1.i: **Workload Requirements FY 2001**

FY 2001 Commodity Type	Core Workload (DLMHs)			
	Core Workload	Directed Workload	Core "Plus" Workload	Title 10 Workload
Calibration	25200	2800	28000	25200
Special Interest Item	18600	12400	31000	18600
Ground,Gen. Purp. Other(TM,Telcon)	800	85	885	800
Total:	44600	15285	59885	44600

2.2 Given the current programmed configuration and operation of the NADEPs, 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 aviation 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.

- The Naval Warfare Assessment Division does not provide 2.2 support as outlined above.

Table 2.2.a: **Directed Workloads - FY 1993**

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

TAB C - PART II

UIC: 68963

Table 2.2.b: **Directed Workloads - FY 1994**

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

TAB C - PART II

UIC: 68963

Table 2.2.c: **Directed Workloads - FY 1995**

FY 1995 Commodity	Units Throughput						Tota 1
	FMS	Mods	LQNC	BV	Engr	LSOR	
FY 1995 Total:							

TAB C - PART II

UIC: 68963

Table 2.2.d: **Directed Workloads - FY 1996**

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

Table 2.2.e: **Directed Workloads - FY 1997**

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

TAB C - PART II

UIC: 68963

Table 2.2.f: **Directed Workloads - FY 1998**

FY 1993 Commodity	Units Throughput						Tota l
	FMS	Mods	LQNC	BV	Engr	LSOR	
FY 1998 Total:							

TAB C - PART II

UIC: 68963

Table 2.2.g: **Directed Workloads - FY 1999**

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

TAB C - PART II

UIC: 68963

Table 2.2.h: **Directed Workloads - FY 2000**

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

TAB C - PART II

UIC: 68963

Table 2.2.i: **Directed Workloads - FY 2001**

FY 2001 Commodity	Units Throughput						Total
	FMS	Mods	LQNC	BV	Engr	LSOR	
FY 2001 Total:							

3. Organization

3.1 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.

Gage Engineering Laboratory:

The Navy's Physical Interface Gage Program, established through NAVMINST. 4855.5A and NAVSEAINST 4855.10A, established NWAD to act as the technical authority for the program. The program is unique within the Navy and DOD. There are not any other activities within DOD that perform these tasks. The program is inherently governmental since it requires independent evaluation of weapons components and sections manufactured by multiple contractors. Weapons used today are made up of various subassemblies made by different manufactures for different services. These subassemblies need to meet form, fit and function interchangeability specifications when the weapon components are delivered to the fleet for assembly and use. This weapon system interface compatibility and gage certification is required by acquisition and logistics managers, and in-service engineering agents to assure interchangeability of weapons sections and components. To assign responsibility to one of the weapons component manufactures to certify interface gages used by other contractors of fleet personnel will lead to numerous problems: conflict of interest, interface analysis squabbles between contractors, and giving away of inherently governmental function of insuring weapon component interchangeability, all of which will comprise weapon system performance and safety.

Meteorology Engineering Laboratory:

The Metrology engineering laboratory serves numerous functions for NWAD's Measurement Science Division in support of its charter of acting as the scientific and technical authority for the Navy Metrology and Calibration Program. The laboratory serves numerous test and evaluation functions for calibration standards/test equipment acquisition, and the Navy's Metrology R&D Program.

The laboratory also supports calibration procedure development and bench testing, and calibration fixed technical responses. The Type II calibration standards laboratory portion of the Metrology engineering laboratory is responsible for calibrating standards from Navy ship and show fleet and depot laboratories. Approximately 70% of the workload is Type I support, and considered governmental because it provides the Navy's only Measurement traceability link back to the National Institute of Standards and Technology (NIST).

If the remaining depot workload (30%) were transferred to another activity, additional Type II calibration standards would probably have to be procured for the receiving activity, since the standards would have to remain at NWAD to support the various chartered T&E functions. There would be a slight increase in overhead to NWAD, since some direct workload has been involved.

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 — G. R. Sterner

NAME (Please type or print) Signature

Commander — 5/13/94

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)

J. B. Greene, Jr. — J. B. Greene

NAME (Please type or print) Signature

Acting — 23 May 1994

Title Date

CAPACITY DC-4 NAVORDCEN HQ UIC: 68963

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)

Signature

COMMANDER
Title

10 MAY 94
Date

NAVAL ORDNANCE CENTER
Activity

Document Separator

190

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	Commander, Naval Ordnance Center
UIC:	68963
Host Activity Name (if response is for a tenant activity):	Commander, Indian Head Division, Naval Surface Warfare Center, Indian Head, MD 20640-5000
Host Activity UIC:	00174

General Instructions/Background. A separate response to this data call must be completed for each Department of the Navy (DON) host, independent and tenant activity which separately budgets BOS costs (regardless of appropriation), and, is located in the United States, its territories or possessions.

1. Base Operating Support (BOS) Cost Data. Data is required which captures the total annual cost of operating and maintaining Department of the Navy (DON) shore installations. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Two tables are provided. Table 1A identifies "Other than DBOF Overhead" BOS costs and Table 1B identifies "DBOF Overhead" BOS costs. These tables must be completed, as appropriate, for all DON host, independent or tenant activities which separately budget BOS costs (regardless of appropriation), and, are located in the United States, its territories or possessions. Responses for DBOF activities may need to include both Table 1A and 1B to ensure that all BOS costs, including those incurred by the activity in support of tenants, are identified. If both table 1A and 1B are submitted for a single DON activity, please ensure that no data is double counted (that is, included on both Table 1A and 1B). The following tables are designed to collect all BOS costs currently budgeted, regardless of appropriation, e.g., Operations and Maintenance, Research and Development, Military Personnel, etc. Data must reflect FY 1996 and should be reported in thousands of dollars.

a. Table 1A - Base Operating Support Costs (Other Than DBOF Overhead). This Table should be completed to identify "Other Than DBOF Overhead" Costs. Display, in the format shown on the table, the O&M, R&D and MPN resources currently budgeted for BOS services. O&M cost data must be consistent with data provided on the BS-1 exhibit. Report only direct funding for the activity. Host activities should not include reimbursable support provided to tenants, since tenants will be separately reporting these costs. Military personnel costs should be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Add additional lines to the table (following line 2j., as necessary,

to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: Commander, Naval Ordnance Center		**UIC:** 68963	
Category	**FY 1996 BOS Costs ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair			
1b. Minor Construction			
1c. Sub-total 1a. and 1b.			
2. Other Base Operating Support Costs:			
2a. Utilities			
2b. Transportation			
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration			
2j. Other (Specify)			
2k. Sub-total 2a. through 2j:			
3. Grand Total (sum of 1c. and 2k.):			

DATA CALL 66
INSTALLATION RESOURCES

Data included in Indian Head Division, Naval Surface Warfare Center submission as host activity.

b. Funding Source. If data shown on Table 1A reflects more than one appropriation, then please provide a break out of the total shown for the "3. Grand-Total" line, by appropriation:

Appropriation	Amount ($000)

c. Table 1B - Base Operating Support Costs (DBOF Overhead). This Table should be submitted for all current DBOF activities. Costs reported should reflect BOS costs supporting the DBOF activity itself (usually included in the G&A cost of the activity). For DBOF activities which are tenants on another installation, total cost of BOS incurred by the tenant activity for itself should be shown on this table. It is recognized that differences exist among DBOF activity groups regarding the costing of base operating support: some groups reflect all such costs only in general and administrative (G&A), while others spread them between G&A and production overhead. Regardless of the costing process, all such costs should be included on Table 1B. The Minor Construction portion of the FY 1996 capital budget should be included on the appropriate line. Military personnel costs (at civilian equivalency rates) should also be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Also ensure that there is no duplication between data provided on Table 1A. and 1B. These two tables must be mutually exclusive, since in those cases where both tables are submitted for an activity, the two tables will be added together to estimate total BOS costs at the activity. Add additional lines to the table (following line 21., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

Other Notes: All costs of operating the five Major Range Test Facility Bases at DBOF activities (even if direct RDT&E funded) should be included on Table 1B. Weapon Stations should include underutilized plant capacity costs as a DBOF overhead "BOS expense" on Table 1B..

DATA CALL 66
INSTALLATION RESOURCES

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: Commander, Naval Ordnance Center		**UIC:** 68963	
Category	**FY 1996 Net Cost From UC/FUND-4 ($000)**		
	Non-Labor	**Labor**	**Total**
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (>$15K)			
1b. Real Property Maintenance (<$15K)	118		118
1c. Minor Construction (Expensed)			
1d. Minor Construction (Capital Budget)			
1c. Sub-total 1a. through 1d.	118		118
2. Other Base Operating Support Costs:			
2a. Command Office	92		92
2b. ADP Support	98		98
2c. Equipment Maintenance	21		21
2d. Civilian Personnel Services			
2e. Accounting/Finance	54		54
2f. Utilities	179		179
2g. Environmental Compliance	3		3
2h. Police and Fire	19		19
2i. Safety	1		1
2j. Supply and Storage Operations	14		14
2k. Major Range Test Facility Base Costs			
2l. Other (Specify)			
2m. Sub-total 2a. through 2l:	481		481

3. Depreciation			
4. Grand Total (sum of 1c., 2m., and 3.) :	599		599

2. Services/Supplies Cost Data. The purpose of Table 2 is to provide information about projected **FY 1996** costs for the purchase of services and supplies by the activity. **(Note: Unlike Question 1 and Tables 1A and 1B, above, this question is not limited to overhead costs.)** The source for this information, where possible, should be either the NAVCOMPT OP-32 Budget Exhibit for O&M activities or the NAVCOMPT UC/FUND-1/IF-4 exhibit for DBOF activities. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Break out cost data by the major sub-headings identified on the OP-32 or UC/FUND-1/IF-4 exhibit, disregarding the sub-headings on the exhibit which apply to civilian and military salary costs and depreciation. Please note that while the OP-32 exhibit aggregates information by budget activity, this data call requests OP-32 data for the activity responding to the data call. Refer to NAVCOMPTINST 7102.2B of 23 April 1990, Subj: Guidance for the Preparation, Submission and Review of the Department of the Navy (DON) Budget Estimates (DON Budget Guidance Manual) with Changes 1 and 2 for more information on categories of costs identified. Any rows that do not apply to your activity may be left blank. However, totals reported should reflect all costs, exclusive of salary and depreciation.

Table 2 - Services/Supplies Cost Data	
Activity Name: Commander, Naval Ordnance Center	**UIC:** 00174
Cost Category	**FY 1996 Projected Costs ($000)**
Travel:	472
Material and Supplies (including equipment):	100
Industrial Fund Purchases (other DBOF purchases):	
Transportation:	
Other Purchases (Contract support, etc.):	3038
Total:	3610

DATA CALL 66
INSTALLATION RESOURCES

3. Contractor Workyears.

a. On-Base Contract Workyear Table. Provide a projected estimate of the number of contract workyears expected to be **performed "on base"** in support of the installation during FY 1996. Information should represent an annual estimate on a full-time equivalency basis. Several categories of contract support have been identified in the table below. While some of the categories are self-explanatory, please note that the category "mission support" entails management support, labor service and other mission support contracting efforts, e.g., aircraft maintenance, RDT&E support, technical services in support of aircraft and ships, etc.

Table 3 - Contract Workyears	
Activity Name: Commander, Naval Ordnance Center	**UIC:** 68963
Contract Type	**FY 1996 Estimated Number of Workyears On-Base**
Construction:	
Facilities Support:	
Mission Support:	
Procurement:	
Other:*	
Total Workyears:	0

*** Note:** Provide a brief narrative description of the type(s) of contracts, if any, included under the "Other" category.

b. Potential Disposition of On-Base Contract Workyears. If the mission/functions of your activity were relocated to another site, what would be the anticipated disposition of the **on-base contract workyears** identified in Table 3.?

1) Estimated number of contract workyears which would be transferred to the receiving site (This number should reflect the number of jobs which would in the future be contracted for at the receiving site, not an estimate of the number of people who would move or an indication that work would necessarily be done by the same contractor(s)):

0

2) Estimated number of workyears which would be eliminated:

0

3) Estimated number of contract workyears which would remain in place (i.e., contract would remain in place in current location even if activity were relocated outside of the local area):

0

DATA CALL 66
INSTALLATION RESOURCES

c. "Off-Base" Contract Workyear Data. Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information **(ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above)**:

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
0	

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
10.9	Management Support

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. W. EYER
NAME (Please type or print)

Signature

ACTING COMMANDER
Title

7/29/94
Date

NAVAL ORDNANCE CENTER
Activity

DATA CALL 66

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)

S. R. Sterner
Signature

Title Commander, Naval Sea Systems Command

8-15-94
Date

Activity

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

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

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

J. B. Greene Jr.
Signature

ACTING

22 AUG 1994