

Data for Military Value Analysis

NAVAL SUBMARINE BASE, BANGOR, DATA CALL 37

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Base Infrastructure and Investment

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

NOTE: This list of completed projects does not include projects completed by the Strategic Weapons Facility, Pacific. Their input will be provided in a separate Data Call via their Chain of Command.

Table 1.1 Capital Improvement Expenditure

Project	Description	Fund Year	Value (\$000)
C91-87	Car Wash Pad	88	29
C23-87	Northern/Southern Boundary Fence	88	66
C51-86	Construct Oily Waste Storage Facility	88	177
C53-86	Install Freight Elevator, Off Crew Admin Bldg.	88	187
C92-86	Hobby Shop Addition, B2951	88	37
C13-87	Construct Mezzanine, B7450	88	87
C37-86	Construct Supply Awning, B7000	88	154
C39-87	Construct Mezzanine Office, B7408	88	97
C38-86	Construct QA Mezzanine, B7000	88	141
C14-87	Construct Mezzanine, B7450	88	45
C40-85	Construct Storage Room, B7201	88	66
C7-86	Construct Interior Materials Storage Facility	88	16
C1-86	Install Power Variable Voltage Rectifier	88	177
C38-88	Periscope Shop Alterations	88	38
C92-86	Construct Paint Spray Booth	88	36
C20-86	Install Vehicle Barrier, Delta Pier	88	156
C87-87	Constr OA Gate Barrier	88	175
C69-86	Alter Banquet Facility	88	167
C75-87	Handicap Mods, Various Buildings	88	70
P-137	Hazardous Waste Facility	89	1,110
P-031	Data Processing Center Addition	89	1,978
P-050	Hazardous/Flammable Warehouse	89	2,299
NAF	Renovate Gym Complex	89	45
NAF	Install Jacuzzi Unit	89	13

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Project	Description	Fund Year	Value (\$000)
NAF	Create New Vet Clinic Space	89	10
NAF	Create YAP Center, West BEQ	89	64
NAF	Create All Hands Dining Area from O'Club	89	25
P-111	Marine Mammal Support Facility	90	471
C89-87	Dry Provision Annex	90	128
C17-89	Chapel Addition, Pre School	90	183
C19-89	Small Engine Storage Shed	90	117
C9-86	All Hands Rec and Social Center	90	170
NAF	RV/Boat Storage	90	5
NAF	Upgrade Cattail Lake	90	30
NAF	Create Conference Center	90	20
NAF	Install Gym Dryer System	90	8
CR70-86	Construct Storage and Handling Facility, B7163	90	159
C80-87	Construct Hazardous Waste Storage and Handling Fac	90	179
		89	188
EC8-89	Install SNAP II System, OCAB	90	140
C64-87	Construct Offices and Heads, B7069	90	170
		89	187
CA79-87	A/C Management Center	90	140
		89	189
P-052	12 KV Feeder to Magnetic Silencing Facility	91	394
C47-88	Garden Shop Addition, B2602	91	176
NAF	Upgrade Enlisted Club	91	900
C14-89	Alterations to Pure Water Facility	91	122
C34-86	Construct Waterfront Parking Lot	91	178
CR7-90	Upgrade B1021	91	160
P-409	EHF Satcom Facility	92	904
P-056	Navy Lodge	92	2,896
P-427	Mini Mart	92	910
P-099	Communication Center Expansion	92	468
C49-88	Expand Gear Issue	92	100
C22-90	Expand Gym Complex	92	177
NAF	Upgrade ITT Office	92	45
NAF	Replace Gym Floor	92	85

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Project	Description	Fund Year	Value (\$000)
NAF	Construct Carwash Facility	92	180
NAF	Expand Lower Trident Lakes Ballfield	92	60
NAF	Construct Dome Covers	92	360
NAF	Convert Deli to Food Court	92	115
NAF	Convert CMO Galley to Propane	92	28
R17-90	Repair Railroad Right of Way	92	2,992
R11-89	Repair Magnetic Silencing Facility	92	4,594
C20-87	Small Boat Maintenance Facility	93	186
C9-87	Pesticide Equipment Storage Building	93	127
C23-91	Family Service Center Conference Bldg.	93	154
C12-92	Alteration to B1200	93	222
NAF	Convert CPO Club to Khaki Club	93	60
NAF	Upgrade Outdoor Gear Issue	93	80
NAF	Expand/Upgrade Youth Center	93	35
NAF	Upgrade Bowling Center Interior	93	45
NAF	New Airwalls, Trident Ballroom	93	80
NAF	Playground Covers/Equipment, CDC	93	56
NAF	Equipment Litehouse	93	9
C27-88	Construct Sailloft	93	180
		91	188
C3-91	PSA Addition, B1013	94	160
NAF	Expand Fitness Center Space	94	36
NAF	Upgrade Lights, Youth Ballfield	94	25
NAF	Convert O Lounge to Catering Service	94	30
P-109	Industrial Waste Pre-Treatment Addition	94	310
P-274	Boiler Conversion, Various Buildings	94	1,166
P-072	CONSTRUCT DRYDOCK CAISSON PIER	93	952
P-057	CRANE TRACK SPUR	91	648
P-029	CONSTRUCT MAINTENANCE STORAGE FACILITY	89	1,003
C3-93	Convert CMO Galley to Natural Gas	94	2

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TYCOM NOTE: BECAUSE SUBASE BANGOR OWNS ALL CLASS I PROPERTY AT THE BANGOR COMPLEX, THE SUBASE BANGOR CAPITAL IMPROVEMENT EXPENDITURE TABLE ALSO INCLUDES ALL TRF BANGOR MILCON AND CONSTRUCTION SPECIAL PROJECTS LISTED IN TRF BANGOR DATA CALL 45 TABLE 10.1 INPUT. TRF BANGOR PROJECTS P-057, P-072 AND P-029 HAVE BEEN ADDED TO SUBASE BANGOR'S INPUT FOR COMPLETENESS. FUND YEAR DATES AND VALUE HAVE BEEN CORRECTED TO MATCH TRF INPUT.

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

NOTE: This list of planned projects does not include projects completed by the Strategic Weapons Facility, Pacific. Their input will be provided in a separate data call via their Chain of Command.

Table 2.1 Planned Capital improvements

Project	Description	Fund Year	Value (000)
R1-93 (Ph 1)	Repair Electrical Distribution System	95 94	1, 867
R1-93 (Ph 2)	Repair Electrical Distribution System	95	1,408
P-072	Drydock Caisson Pier	95 93	952
RC5-93	Repair Electrical Systems, Marginal Wharf	95 94	1,300
C25-92	Construct Golf Skills Center	95	350
C27-92	RV Park/Log Cabin Park	95	450
C44-92	Replace Gym Lockers	95	100
C7-95	Construct Scorekeeper/Storage Bldg, Trident Lakes	95	194
C9-95	Install Modular Building for MWR Accounting Support	95	170
E4-93	Install Auto Scoring System, Bowling Alley	95	195
C2-93	Convert CMO Bakery to Pizza Delivery	95	11
C21-91	Expand Upper Trident Lakes Site to Multi-Purpose Ballfield Complex	95	207
C24-92	Install Lower Base Modular Fitness/Shower Unit	95	191
P-062	Galley Addition	95 94	1950
H252/ 281/221	Family Housing, 520 Units	95 95	50000

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Project	Description	Fund Year	Value (000)
P-126	Energy Conservation Improvements	95 UP	1200
P-157	Oily Waste Treatment Facility	95 94	1400
P-295	Navy Exchange Add'n.	95 UP	3000
P-021	Navy Reserve Center	95 94	3000
C18-91	Construct Perimeter Fence, CWH	95	250
C72-90	Construct Decon Room, B7030	95	275
C6-90	Construct Hazardous Waste Retention Bldg	95	275
C8-90	Construct Small Engine Repair Shop	95	221
C2-94	Modify Indoor Range, CWH	95	278
R1-93 (Ph 3)	Repair Electrical Distribution System	96 95	1,612
R1-93 (Ph 4)	Repair Electrical Distribution System	96	2,149
R1-93 (Ph 5)	Repair Electrical Distribution System	96	1,656
C3-95	Expand Building 2700 Gym for Aerobics Center and Cardio Center	96	290
RC1-95	Convert Exterior Staging Area Pool to Secure Storage and Repair/Replace Pool Deck	96	470
C6-95	Construct MWR Central Warehouse	96	280
RC4-95	Upgrade Teen Community Center	96	216
C8-95	Convert Squash Courts (2) to Rock Climbing Complex	96	160
C5-95	Expand Outdoor Recreation Training/Gear Issue Center	97	265
P-958	Nuclear Repair Facility	97 UP	1,750
P-123	Navy Disease Vector Group Bldg.	97 UP	6,500
P-196	Expand Bowling Center for 8 New Lanes and Topside Lounge	97 UP	1,400

TYCOM NOTE: CORRECT "FUND YEAR" FOR SPECIAL PROJECTS ENTERED BY TYCOM IN BOLD TO MATCH CURRENT CINCPACFLT PRELIMINARY SPECIAL PROJECT EXECUTION PLAN. MILCON PROJECTS THAT ARE NOT SHOWN ON THE CNO SFPB POM 96/97 MILCON IPL ARE CONSIDERED UNFUNDED AND HAVE BEEN DENOTED WITH AN "UP" (UNPROGRAMMED).

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

Table 2.2 Planned BRAC Capital improvements

Project	Description	Fund Year	Value (000)
P-300S	Naval Base Seattle Headquarters Bldg.	93	3,458
P-104S	Transient Personnel Unit	94	2,900
P-315S	Navy Brig	94	5,200
P-195T	Underwater Equipment Laboratory (PHASE I) (PHASE II)	94	11,862
		95	
H-404	BRAC Housing	96	34,000

TYCOM NOTE: BRACON PROJECT P-195T IS BROKEN DOWN INTO TWO PHASES. PHASE I (\$3.3M) IS PROGRAMMED FOR FY94 EXECUTION, PHASE II (\$8.5M) IS PROGRAMMED FOR FY95 EXECUTION.

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3. Using 1988 through 1993 as a basis, list the annual average cubic yards of dredge spoils created from maintenance dredging of both pier/wharf areas and navy maintained channels. Provide the average cost to dredge and dispose of these spoils over the given years. If all required maintenance dredging has not been accomplished, estimate the cubic yards that should have been removed, the cost to remove them, and the reason that the required maintenance dredging was not accomplished. If dredging is infrequently required, indicate in remarks the requested data and the year the dredging was last accomplished.

Table 3.1 Maintenance Dredging

Year	Pier/Wharf Areas		Navy Maintained Channels		Deferred Dredging		
	Cu Yds	Cost	Cu Yds	Cost	Reason	Cu Yds	Cost
1988	None	N/A	N/A	N/A	N/A	N/A	N/A
1989	None	N/A	N/A	N/A	N/A	N/A	N/A
1990	None	N/A	N/A	N/A	N/A	N/A	N/A
1991	None	N/A	N/A	N/A	N/A	N/A	N/A
1992	None	N/A	N/A	N/A	N/A	N/A	N/A
1993	None	N/A	N/A	N/A	N/A	N/A	N/A
1994	None	N/A	N/A	N/A	N/A	N/A	N/A

Remarks: SUBASE Bangor does not do any routine maintenance dredging around any of its piers and wharves. However, specific maintenance dredging, although infrequent, has been done around the Keyport/Bangor (K/B) Dock owned by Naval Undersea Warfare Center, Division Keyport. The K/B Dock was last dredged in 1986 at which time 14,000 CY were removed at a cost of \$91,000. A dredging project is planned for K/B Dock in 1995. The project proposes to remove 4,500 CY at an estimated cost of \$177,000

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4. Vehicle Maintenance Facilities

4.a. List the DOD vehicle and equipment maintenance facilities at your installation and their capabilities.

Table 4.1 Vehicle Maintenance Facilities

Facility Name	CCN	Capabilities
Bldg 1202, Vehicle Maintenance Building	214-20	Maint for light duty trucks, vans, sedans, etc.
Bldg 1014, Equipment Maintenance Shop	214-40	Heavy equip maint for cranes, buses, trucks and rail equipment

Remarks: All maintenance is performed by the Base Operating Services Contractor, currently Johnson Controls.

4.b. List the civilian (non-DOD) vehicle maintenance facilities that units based at the installation use on a regular basis.

Table 4.2 Commercial Vehicle Maintenance

Facility Name	K\$/yr	Capabilities	Location
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Remarks: We do not use Non-DOD vehicle maintenance facilities to maintain vehicles in the SUBASE Bangor complex.

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5. Describe the types of improvements to the waterfront at the base. If waterfront improvements are non-continuous list the length and description of the improvements for each segment.

Improvements to the Bangor Waterfront over the years have been extensive. Major piers and wharves currently in operation are discussed below:

a. Magnetic Silencing Facility. The Magnetic Silencing Facility is the most sophisticated degaussing facility on the West Coast capable of supporting all classes of submarines.

b. Explosive Handling Wharf (EHW). The EHW is a highly capable, protected facility capable of a wide variety of weapons load outs.

c. Marginal Wharf. Marginal Wharf is a mid-1940's vintage wharf capable of a wide variety of missions from weapons loading to submarine refits.

d. Delta Pier. The Refit Delta has two highly capable TRIDENT refit piers and the deepest drydock on the West Coast capable of docking a wide variety of craft.

e. Keyport/Bangor Dock. The K/B Dock supports torpedo retrievers and range craft assigned to Naval Undersea Warfare Center, Division Keyport.

f. Service Pier. This pier will be able to support a TRIDENT Class submarine by the end of 1994 as modifications for the arrival of the USS PARCHE are completed. More details are provided in the paragraph below.

SUBASE Bangor currently has two major projects in the planning stage to improve piers at the waterfront. The first is BRACON P-195T, Underwater Equipment Laboratory. This project upgrades the SUBASE Service Pier to accommodate the USS PARCHE (SSN 683). It makes improvements to the electrical capacity of the pier, installs captivated camels, provides high pressure air, and extends the pier 150' to the north. Although one tug berth will be lost in the process (support barges for PARCHE will moor in a berth previously occupied by a tug), the overall capabilities of the pier will be increased. In the absence of PARCHE, the pier will be fully capable of supporting a TRIDENT Class submarine without restriction. The PARCHE support barges will remain at Service Pier whether PARCHE is deployed or in port.

The second project is TRF Special Project RC5-93, a project to upgrade the electrical services at the Marginal Wharf to accommodate TRIDENT submarines at the North Leg and South Leg simultaneously. This project will greatly increase the overall refit/overhaul capability of TRIDENT Refit Facility.

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TYCOM NOTE: THE PHYSICAL CHARACTERISTICS OF THE WATERFRONT IMPROVEMENTS FOR SUBASE BANGOR WERE PROVIDED IN TABLES 11.1 AND 12.1 OF BRAC DATA CALL SIX. THESE ARE PROVIDED BELOW FOR YOUR CONVENIENCE. ALL PREVIOUS ASSOCIATED TYCOM NOTES ARE INCLUDED IN BOLD UNDERLINE WITH THESE TABLES.

11. For each **Pier/Wharf** at your facility list the following **structural characteristics**. Indicate the additional controls required if the pier is inside a Controlled Industrial Area or High Security Area. Provide the average number of days per year over the last eight years that the pier was out of service (OOS) because of maintenance, including dredging of the associated slip:

Table 11.1

Pier/Wharf & Age ¹	CCN ²	Moor Length (ft)	Design Dredge Depth ³ (ft) (MLLW)	Slip Width ⁴ (ft)	Pier Width (ft) ⁵	CIA/Security Area? (Y/N) ⁶	ESQD Limit ⁷	# Days OOS for maint.
Refit Pier 1/ 15 years	151-30	640	50	NA	Open 83	Yes Note 2	Note 3	2
Refit Pier 2/ 15 years	151-30	640	60	NA	Open 80	Yes Note 2	Note 3	2
Drydock 14 years	213-30 213-10	670	43	90	NA 62	Yes Note 2	Note 3	8
Magnetic Silencing Pier/ 16 years	151-80	696	43	82	NA 10	Yes Note 2	Note 3	21
Marginal Wharf South/ 49 years	152-20	740	42	NA	Open 81	Yes Note 2	Note 3	10
Marginal Wharf North/ 49 years	152-20	570	34	NA	Open 89	Yes Note 2	Note 3	10
EHW/ 17 years	152-10	600	48	90	NA 46	Yes Note 2	Note 3	1

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Pier/ Wharf & Age ¹	CCN ²	Moor Length (ft)	Design Dredge Depth ³ (ft) (MLLW)	Slip Width ⁴ (ft)	Pier Width (ft) ⁵	CIA/Security Area? (Y/N) ⁶	ESQD Limit ⁷	# Days OOS for maint.
Service Pier/ 14 years	151-20	720 <u>575</u> <u>145</u>	48	NA	Open <u>40</u> <u>22</u>	Yes Note 2	Note 3	0
KB Docks/ 29 years	151-20	975	30	NA	24	Yes Note 2	Note 3	<7

¹ Original age and footnote a list of MILCON improvements in the past 10 years.

² Use NAVFAC P-80 for category code number.

³ Comment if unable to maintain design dredge depth

⁴ Water distance between adjacent finger piers.

⁵ Indicate if RO/RO and/or Aircraft access. Indicate if pier structures limit open pier space.

⁶ Describe the additional controls for the pier.

⁷ Net explosive weight. List all ESQD waivers that are in effect with expiration date.

NA = Not applicable

Note 1. No MILCON improvements in past 10 years for Marginal Wharf South, Marginal Wharf North, EHW, Service Pier and KB Docks. At Refit Pier 2, MILCON P-057, Crane Track Spur, extended the portal crane track the complete length of the pier, to be utilized as a parking location for a portal crane. At Refit Pier 1, Refit Pier 2 and the Drydock, MILCON P-055, Pure Water Facility, installed shoreside pure water connections to replace delivery of pure water to the submarines via tanker truck. The MILCON also constructed a new pure water production facility on shore near the Delta Platform and included the interconnecting piping to the pierside service hood outlets. At the Drydock, MILCON P-072, Drydock Caisson Pier, will install a pier to provide a permanent mooring location for the second (alternate) drydock caisson. MILCON P-072 is in the process of being awarded to a construction contractor.

Note 2. All the piers listed are within the CIA/Security Area of the Naval Submarine Base, Bangor. However, at the present time the entrance gates to the CIA/Security Area are not manned and vehicle occupant's badges are not checked. At the entrance trestle to the Delta Pier (Refit Pier 1, Refit Pier 2 and Drydock), security police check badges of all persons. At the entrance trestle to the EHW, security police check badges of all persons when there is a submarine in the EHW.

TYCOM NOTE: ALL PIERS/WHARVES ARE LEVEL I RESTRICTED AS DEFINED BY OPNAVINST 5530.14B.

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Note 3. Refit Piers 1 and 2, Drydock and Magnetic Silencing Pier do not generate an ESQD arc, but are within the K50 D5 7,748' arc from the EHW. The South and North legs of the Marginal Wharf generate a K50 arc of 500' during ordnance handling (1500 # NEW) and a K50 arc of 1,957' during surface ship loading (60K NEW). The EHW generates a K50 D5 arc of 7,748'. The Service Pier generates a K40 500' arc from 2 Mark 48 torpedoes. KB docks generate no arcs and are encumbered by no arcs. At the Delta Pier (Refit Piers 1 & 2 and Drydock), 100' explosives arcs are generated during handling of Class 1 Division 3 and 4 explosives up to half a ship's allowance.

Note 4. No piers have RO/RO and/or Aircraft access.

TYCOM NOTE: THE STRUCTURAL CHARACTERISTICS HAVE BEEN PROVIDED BY THE INSTALLATION FOR THE DRYDOCK, MAGNETIC SILENCING PIER AND THE EXPLOSIVE HANDLING WHARF (EHW). HOWEVER, THESE WATERFRONT FACILITIES SHOULD NOT BE CONSIDERED IN CALCULATING BERTHING CAPACITY BECAUSE OF THEIR MISSION SPECIFIC FUNCTIONS.

CORRECT CCN PROVIDED FOR DRYDOCK AND CONFIRMED WITH STATION ON 09 MAY 94.

THE MOORING LENGTHS SHOWN IN COLUMN THREE REFLECT THE ACTUAL WHARF SPACE AVAILABLE FOR BERTHING AND DO NOT REFLECT THE ACTUAL SIZE OF THE WHARF, WHICH IN SOME CASES IS GREATER.

IN COLUMN SIX, THE ACTUAL PIER WIDTH HAS BEEN CONFIRMED WITH THE INSTALLATION ON 09 MAY 94 AND ENTERED BY THE TYCOM IN BOLD. ALTHOUGH THE PIERS ARE "OPEN", THE PIERS FOR REFIT PIER 1 AND 2 AND MARGINAL WHARF NORTH EACH HAVE PORTAL CRANE TRACKS WHICH MUST REMAIN CLEAR TO PROVIDE IMA SUPPORT TO INPORT SSBNS. ADDITIONALLY, ONLY 575 LF OF THE SERVICE PIER IS 40 FEET WIDE AND 145 LF IS 22 FEET WIDE.

THE SERVICE PIER IS CURRENTLY BEING MODIFIED TO RECIEVE THE USS PARCHE, BEING RELOCATED TO SUBASE BANGOR AS PART OF BRAC-93. AS PART OF THIS PIER MODIFICATION, BRACON PROJECT P-195T PHASE I WILL PROVIDE A 150 FOOT BY 14 FOOT PIER EXTENSION TO BERTH THE TUGS THAT ARE BEING DISPLACED BY THE USS PARCHE SUPPORT BARGES.

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12. For each Pier/Wharf at your facility list the following ship support characteristics:

Table 12.1

Pier/Wharf	OPNAV 3000.8 (Y/N)	Shore Pwr (KVA) & 4160V (KVA)	Comp. Air Press. & Capacity ¹	Potable Water (GPD)	CHT (GPD)	Oily Waste ¹ (GPD)	Steam (lbs/hr & PSI) ²	Fendering limits ³
Refit Pier 1	Y	3000kva None	1000 scfm @ 100 psi	93600	36000	36000	None	Note 1
Refit Pier 2	Y	3000 kva None	1000 scfm @ 100 psi	93600	36000		None	Note 1
Drydock	Y	6000 kva None	3000 scfm @ 100 psi	878400	144000		None	None
Magnetic Silencing Pier	Y	None	None	None	None	None	None	Note 2
Marginal Wharf South	Y	1500 kva None	128 scfm @ 125 psi	93600	36000	None Note 3	None	None
Marginal Wharf North	Y	2500 kva None	128 scfm @ 125 psi	93600	36000	None Note 3	None	None
EHW	Y	3000 kva None	1100 SCFM @ 120psi	14400	None Note 3	None Note 3	None	Note 2
Service Pier	Y	2300 kva None	150 scfm @ 125 psi	2000000	50000	40000	None	None
KB Docks	Y	1000 kva None	XXX SCFM @ 120 psi	288000	158000	None	None	None

¹ List only permanently installed facilities.

² Indicate if the steam is certified steam.

³ Describe any permanent fendering arrangement limits on ship berthing.

Note 1. At Refit Piers 1 and 2, 2-50' x 15' guided camels are attached to a steel fender pile system.

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Note 2. At the Magnetic Silencing Pier and Explosive Handling Wharf, there is a permanently installed inhaul trolley system.

Note 3. No permanently installed facilities. At the EHW, CHT & oily waste are pumped from the submarine to transfer tanks. At the Marginal Wharf, oily waste is pumped into a pumper truck.

TYCOM NOTE: MISSING COMPRESSED AIR PRESSURE AVAILABLE DATA HAS BEEN ENTERED BY THE TYCOM IN BOLD. CORRECTIONS DISCUSSED WITH INSTALLATION AND CONFIRMED ON 09 MAY 94. COMPRESSED AIR CAPACITY FOR KB DOCKS IN NOT LISTED ON COMPRESSOR DATA PLATE. BEST ESTIMATE BY ACTIVITY IS 100 SCFM.

NOTE THAT COLUMN TWO ASKS FOR SHORE POWER AVAILABLE IN KVA WHILE COLUMN TEN OF TABLE 6.1 ASKS FOR SHORE POWER REQUIREMENTS IN AMPS. SHORE POWER AVAILABLE HAS BEEN CALCULATED USING THE ALGORITHM "AVAILABLE AMPS TIMES SQUARE ROOT OF PHASES TIMES VOLTAGE DIVIDED BY 1000".

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6. *Encroachment Issues:*

6.a. *What are the ground, training noise, beach gradient, waterway, harbor, explosive quantity distance standard, HERO, HERF, HERP, AICUZ, and airspace encroachments of record at each station, base, or facility? Main Base:*

Ground Encroachments. *There are some minor encroachments by adjacent property owners around the Base and along the Navy owned railroad right-of-way between Bangor and Gorst. None of these encroachments are mission impacting.*

Training Noise. *Camp Wesley Harris, a 377 acre reservation about 7 miles south of SUBASE Bangor, has been used by the Navy for small arms training and qualification for over 50 years. There have been some minor complaints of noise in the past five years. These may increase in the future as the population density in this area of Kitsap County increases. With respect to future potential, Camp Wesley Harris with its available acreage could become the center for small arms qualification for the Navy for the entire Northwest. Some MCON and O&MN dollars would be required, but the potential is there for a first class facility.*

ESQD Arcs. *Approximately 3,910 acres (of 6,129 total acres) of SUBASE Bangor are encumbered by ESQD arcs. Prime areas available for future development are all at the southern end of the base.*

TYCOM NOTE: A COMPLETE SUMMARY OF THE LIMITATION OF FUTURE DEVELOPMENT RESULTING FROM THE ESQD ARCS AT SUBASE BANGOR ARE CONTAINED IN "SSP OD 61119, EXPLOSIVE SAFETY SITING, BANGOR, WASHINGTON", DTD 02 JUL 93. A COPY OF THIS DOCUMENT IS ON FILE AT OPNAV N411 AND N87.

There are no known beach gradient, waterway, harbor, AICUZ, or airspace encroachments affecting SUBASE Bangor.

6.b. *Do current estimates of population growth and development or environmental constraints pose problems for the station, base, or facility? Why or why not?*

Projected population growth and development figures do not pose any problems for SUBASE Bangor proper (although the noise issue could surface for Camp Wesley Harris, as mentioned above). SUBASE Bangor already has neighbors along its entire perimeter, so there is no threat of increased population encroaching onto SUBASE property or affecting its mission (as might be the case with noise at a Naval Air Station). SUBASE has no noise generators, no current water pollution problems, no major air pollution sources, and an aggressive environmental restoration program to fix the problems of the past. Piers and wharves meet all known environmental requirements, and we are seen as a good neighbor that the community likes to have around. We employ a large number of local people, and there is strong community support for our presence.

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6.c. *Provide a description of local zoning ordinances which might impact on future encroachment.*

There are no local zoning ordinances which might impact on future encroachments at SUBASE Bangor.

Logistics Support

7. *Do you or any of your tenants have special non-DOD or civilian support missions? Describe the missions and state which tenant activity performs the mission. If realignments planned between today and FY 1997 will add non-DOD or civilian support missions describe them.*

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- Search and Rescue*
- Hazardous Material Spill Response*
- Military Working Dog Program (Drug and Bomb Detection)*
- Coast Guard*
- Personal Excellence through Cooperative Education Program*
- College Campus: Southern Illinois University*
 - Chapman College*
 - Olympic College*
 - City University*
- Kitsap County Emergency Response Team*
- Consumer Credit Counseling Service*
- Bremerton Job Service Center*
- Kitsap Federal Credit Union*
- American Red Cross*
- McDonald's Restaurant*
- Falcon Cable*
- United Telephone*

Explosive Ordnance Disposal Mobile Unit Eleven Detachment Bangor, SUBASE (UIC 42969)

- All Federal, State, and Local Governments*

Mobile Construction Battalion Unit 418 (UIC 68571)

- Navy Personal Partnership Agreement with Phoenix Northwest School in Poulsbo, WA*
- OPNAVINST 5450. 46J authorizes CBU 418 to complete community service in the interest of community relations*
- Construction support for local or national emergency or disaster.*

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8. List all inter-service support agreements (ISSAs) that involve supporting military (non-DON) and civilian activities at the base.

Table 8.1 Non-DON Support Agreements

<i>Agency/Service</i>	<i>Tenant name</i>	<i>Tenant UIC/DODAAC</i>	<i>Description of Support Role</i>	<i>Degree of support</i>
<i>DECA</i>	<i>Bangor Commissary</i>	<i>W8871</i>	<i>Administrative, Audio/Visual, Chaplain and religious services, community services, custodial, disaster prep, fire protection, environmental compliance, equipment maintenance and repair, facilities maintenance and repair, food service, housing and lodgings, library, MWR, Police services, refuse collection, transportation, and utilities</i>	<i>The commissary occupies a host/tenant building of approximately 45,400 square feet in size. They receive full support from SUBASE Bangor in support of their operation and their population of about 50 people. Personnel have the full use of facilities and services at SUBASE Bangor.</i>
<i>US ARMY</i>	<i>3RD Battalion, 1st Special Forces Group (Airborne)</i>	<i>WH56AA</i>	<i>Police services including perimeter security, infractions, and Pass & ID; housing and lodging, food service, storage and warehousing, underwater demolition training, and disaster preparedness</i>	<i>Services are provided on an intermittent basis, about four times a year (15-20 days total) when units of the 1st Special Forces Group are sent TDY to Bangor for underwater demolition training.</i>

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<i>Agency/ Service</i>	<i>Tenant name</i>	<i>Tenant UIC/ DODAAC</i>	<i>Description of Support Role</i>	<i>Degree of support</i>
<i>US ARMY</i>	<i>Madigan Army Medical Center Veterinary Unit</i>	<i>W45RBK</i>	<i>ADP, administrative, chaplain & religious services, community services, custodial, entomology, disaster preparedness, fire protection, food service, guard mail, housing & lodging, ice and snow removal, legal, office space police services, public affairs, real property maintenance and repair, safety, telephones, transportation, utilities, and refuse disposal.</i>	<i>The Veterinary Service is assigned about 1,250 SF of office and clinic space in support of five U.S. Army veterinary personnel. Personnel are permanently assigned to the Bangor complex and have full use of all facilities and services provided to Naval personnel.</i>
<i>US ARMY</i>	<i>Washington State National Guard</i>	<i>W68N9X</i>	<i>Housing and lodging</i>	<i>Provide family housing to active duty members permanently assigned to local National Guard Units.</i>
<i>US Coast Guard</i>	<i>Maintenance and Logistics Command Pacific</i>	<i>Z71113</i>	<i>Housing and lodging</i>	<i>Provide family housing to activity duty members permanently assigned to local coast guard units.</i>
<i>GSA</i>	<i>GSA Auburn</i>	<i>None</i>	<i>Leased Vehicles</i>	<i>Vehicle maintenance and repair</i>
<i>DOT</i>	<i>U.S. Coast Guard</i>	<i>MLC-PAC 71113</i>	<i>USCG</i>	<i>Base Housing</i>
<i>Washington State</i>	<i>Department of Ecology</i>	<i>Dept of Fisheries</i>	<i>Fish and Wildlife Services</i>	<i>Full BOSC and MRP support</i>

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<i>Agency/Service</i>	<i>Tenant name</i>	<i>Tenant UIC/DODAAC</i>	<i>Description of Support Role</i>	<i>Degree of support</i>
<i>Kitsap County</i>	<i>Fire Districts 1, 12, and 18</i>	<i>None</i>	<i>Mutual Aid</i>	<i>Mutual Aid</i>
<i>Charity</i>	<i>Navy/Marine Relief Society</i>	<i>Puget Sound Auxiliary</i>	<i>Non-profit charity</i>	<i>Full BOSC support</i>
<i>Charity</i>	<i>American Red Cross</i>	<i>Kitsap/North Mason Chapter</i>	<i>Non-profit charity</i>	<i>Full BOSC and MRP support</i>
<i>DOD</i>	<i>DPS</i>	<i>DPDSDO Bangor 43326</i>	<i>Publication and printing</i>	<i>Full BOSC and MRP support</i>
<i>DOD</i>	<i>DIS</i>	<i>DIS Bremerton</i>	<i>Security Clearance Interview</i>	<i>Full BOSC support</i>
<i>Commercial</i>	<i>Consumer Credit Service</i>	<i>Tacoma WA Branch</i>	<i>Financial Counseling</i>	<i>Full BOSC and MRP support</i>
<i>Contractor</i>	<i>General Dynamics</i>	<i>Electric Boat Division</i>	<i>DOD Contractor</i>	<i>Full BOSC and MRP support</i>
<i>Commercial</i>	<i>McDonald's Corporation</i>	<i>McDonald's Restaurant</i>	<i>Commercial Food Service</i>	<i>Utilities and other BOSC</i>
<i>Commercial</i>	<i>Kitsap Bank</i>	<i>Bangor Branch</i>	<i>Banking services</i>	<i>Utilities and other BOSC</i>
<i>Commercial</i>	<i>Kitsap Federal Credit Union</i>	<i>Bangor Branch</i>	<i>Savings and Loan services</i>	<i>Utilities and other BOSC</i>
<i>Scholastic</i>	<i>C.K. School District 401</i>	<i>None</i>	<i>Cable TV Services</i>	<i>Utilities</i>
<i>Contractor</i>	<i>Olympic Cable</i>	<i>None</i>	<i>Education programs</i>	<i>Full BOSC and MRP support</i>
<i>Scholastic</i>		<i>Chapman Univ</i>	<i>Education programs</i>	<i>Full BOSC and MRP support</i>
<i>Scholastic</i>		<i>City University</i>	<i>Education programs</i>	<i>Full BOSC and MRP support</i>

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<i>Agency/ Service</i>	<i>Tenant name</i>	<i>Tenant UIC/ DODAAC</i>	<i>Description of Support Role</i>	<i>Degree of support</i>
<i>Scholastic</i>		<i>Olympic College</i>	<i>Education programs</i>	<i>Full BOSC and MRP support</i>
<i>Scholastic</i>		<i>Southern Illinois University</i>	<i>Education programs</i>	<i>Full BOSC and MRP support</i>
<i>Contractor</i>		<i>United Telephone</i>	<i>Base telephone</i>	<i>Utilities and other BOSC</i>
DEPT OF AGRICULTURE	FOREST SERVICE REGION 6	NONE	EXCHANGE AND TESTING OF WESTERN PINE TREE IMPROVEMENT MATERIAL	INFORMATION AND TECHNOLOGY SHARING
DEPT OF INTERIOR	NATION PARK SERVICE	NONE	MAINTAIN, OPERATE, AND MANAGE OUTDOOR RECREATION FACILITIES AND ACTIVITIES	MANAGE FORESTRY AND HUNTING/FISHING PROGRAMS
<i>USPS</i>	<i>U.S. Post Office, Silverdale, WA</i>	<i>None</i>	<i>Administrative office space, custodial, disaster preparedness, entomology, environmental, fire protection, ice and snow removal, real property maintenance and repair, refuse disposal, safety, and utilities.</i>	<i>The post office occupies about 2,700 SF of space in a SUBASE owned facility in support of four employees. With the exception of utilities, services are provided on a non-reimbursable basis. Employees use the full range of facilities and services offered at Bangor.</i>

TYCOM NOTE: TABLE 8.1 HAS BEEN CORRECTED BY TYCOM TO REFLECT FULL SPECTRUM OF SUPPORT PROVIDED BY SUBASE BANGOR AS SHOWN IN COMSUBPACINST 5450.5C, MISSIONS, FUNCTIONS, AND TASKS OF NAVAL SUBMARINE BASE BANGOR, DTD 15 JUL 1993.

9. List the logistic support facilities (FISC or FISC detachment, Defense Distribution

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Depot, fuel terminal, weapon station, etc.) located on your base.

*Fleet Industrial Supply Center, Puget Sound, DET Bangor TRIDENT Refit Facility
Self Service Supply Store*

10. List the logistic support facilities (FISC or FISC detachment, Defense Distribution Depot, fuel terminal, weapon station, etc.) located off your base but in the harbor complex.

- Fleet Integrated Supply Center, Puget Sound*
- Defense Distribution Depot Puget West*
- Naval Ordnance Center Pacific Division, Det Port Hadlock*
- Manchester Fuel Depot*

Remarks: This list does not include NAS Whidbey Island or the Fort Lewis/McChord AFB Complex.

11. Describe any DOD (including DON) air facilities located in the harbor complex.

SUBASE Bangor has one heliport which is used infrequently. Bremerton Naval Hospital also has a heliport. The two closest DOD air facilities are McChord AFB, 43 miles southeast, the other is Whidbey Island Naval Air Station 43 miles north.

12. State the location of and distance to the nearest Air Port of Embarkation (APOE)

The nearest Air Port of Embarkation is in Tacoma at McChord Air Force Base, 45 miles to the south of SUBASE Bangor.

13. State the location of and distance to the nearest Sea Port of Embarkation (SPOE)

The nearest Sea Port of Embarkation is in Tacoma--Port of Tacoma, 39 miles to the south of SUBASE Bangor.

14. State the location of and distance to the nearest Cargo Rail Terminal.

The nearest Cargo Rail Terminal is located in Tacoma, approximately 40 miles to the south of SUBASE Bangor.

Maintenance Support

15.a. List the fleet helicopter maintenance facilities in the harbor complex.

Naval Air Station, Whidbey Island, has fleet helicopter maintenance facilities. Although not supporting fleet requirements, the McChord AFB/Ft. Lewis complex also has helicopter maintenance capabilities.

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15.b. *List the maintenance facilities in the harbor complex that have capability to repair aviation support equipment (ground support equipment, arresting gear, RAST systems, catapults, etc.). If only some of the capabilities are supported describe the capabilities and limitations of each facility.*

Naval Air Station, Whidbey Island is the only installation in the Puget Sound area with this kind of capability, and this question must be deferred to them.

16.a. *List all collimation towers in the harbor complex.*

There is a periscope calibration tower in Building 7000, TRIDENT Refit Facility, Bangor. NAVSHIPYD Puget Sound also has a collimation tower.

16.b. List all degaussing and deperming facilities located in the harbor complex.

Magnetic Silencing Facility located at TRIDENT Refit Facility, Bangor. The facility consists of a pier with permanently installed X solenoid and Z loop cables for flash deperming SSBN 726 class submarines and all SSN class submarines in five hours or less.

17.a. List the DON landing craft, small craft, barge, and pontoon maintenance facilities in your harbor complex and their capabilities.

Table 17.1 Small Craft Maintenance Facilities

Facility Name	CCN	Capabilities
Service Craft Ops Building	213-58	Work done on small outboard engines.
Boat Shed Service Pier	155-21	Work on engines in patrol boats.
Covered Boat Maintenance Fac	213-53	Work done on hulls, painting, electrical repairs, etc.

Remarks: In addition to these specific facilities assigned to SUBASE Bangor, the TRIDENT Refit Facility, Bangor, and NAVSHIPYD Puget Sound obviously have the capability to repair any type of landing craft, small craft, pontoon, or barge.

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17.b. List the Mine Warfare equipment maintenance facilities located in your harbor complex and their capabilities.

Table 17.2 Mine Warfare Maintenance Facilities

Facility Name	CCN	Capabilities
Mobile Mine Depot	216-30	Navy's only Depot with the capability for repair of electronic and mechanical hardware comprising the MK 67 Submarine Launched Mobile Mine.
CAPTOR Mine Facility	216-30	Navy's only Depot with the capability for repair of electronic and mechanical hardware comprising the MK 46 Encapsulated Torpedo(CAPTOR) and the Detection Control Unit (DCU) for the CAPTOR Capsule.

17.c. What plant modifications/facility improvements are programmed in the Presidential 1995 Budget through 1997 and all BRACON that would add to the maintenance facilities in your harbor complex? Provide a description, cost, and additional capacity that could be realized.

FY	Project Number	Description	(\$000)	Additional Capacity
95	P-195	Underwater Equipment Laboratory	8,550	This project will provide facilities for the maintenance of specific equipment in support of the PARCHE mission.
97 UP	P-958	Nuclear Repair Facility	1,750	This project will improve the TRF capability for servicing nuclear equipment aboard TRIDENT submarines. mission.

TYCOM NOTE: MILCON PROJECT P-958 IS NOT SHOWN IN THE CNO SFPB POM 96/97 MILCON IPL AND IS THEREFORE CONSIDERED UNPROGRAMMED (UP) AT THIS TIME.

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17.d List the commercial landing craft, boat, barge, and small craft maintenance facilities that units based at the installation use on a regular basis.

Table 17.3 Commercial Small Craft Maintenance Facilities

Facility Name	K\$/yr	Capabilities	Location
None			

Remarks: Although we do not use civilian shipyards on a regular basis, there are times when specific work is contracted out.

17.e. List the commercial maintenance facilities that units based at the installation use for Mine Warfare equipment maintenance on a regular basis.

Table 17.4 Commercial Mine Warfare Maintenance Facilities

Facility Name	K\$/yr	Capabilities	Location
None			

Remarks: There are no commercial maintenance facilities at Bangor which are used for mine warfare equipment maintenance.

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18. List the shipyards in the harbor complex. Describe if they are government or commercial, and briefly describe their unique capabilities (including nuclear repair facilities).

A list of the civilian shipyards in the Puget Sound area (within 70 miles of SUBASE Bangor) is provided below.

Name	Location	Capabilities
Puget Sound Naval Shipyard	Bremerton	Capable of supporting any ship in the Navy in any capacity.
TRIDENT Refit Facility	Bangor	Capable of providing IMA level, some Depot level, and some EOH level support to TRIDENT Class submarines. TRIREFFAC is presently gearing up to provide IMA support on a continuous basis to the USS PARCHE, a 637 class submarine. TRIREFFAC is also doing the engineered overhaul (EOH) (with support from NAVSHIPYD Puget Sound) of the USS MICHIGAN and six other SSBN 726 class submarines. SEE TYCOM NOTE BELOW.
Duwamish Shipyard, Inc	Seattle	The Supervisor of Shipbuilding, Seattle, should have capability information in detail for all these shipyards.
Foss Shipyard	Seattle	
Lake Union Drydock Company	Seattle	
Marco Seattle	Seattle	
Todd Pacific Shipyards Corp.	Seattle	
United Marine Shipbuilding, Inc.	Seattle	
Pacific Fisherman, Inc.	Seattle	
Modulech Marine, Inc.	Tacoma	
Tacoma Boatbuilding Co.	Tacoma	
Marine Industries Northwest, Inc.	Tacoma	
AK-WA Company	Tacoma	
Fisherman's Boat Shop, Inc.	Everett	

TYCOM NOTE: TRF WILL BE SUPPORTING PUGET SOUND NAVAL SHIPYARD IN THE EXECUTION OF MICHIGAN EOH AND IS ANTICIPATED TO PROVIDE SUPPORT FOR REMAINING 6 OTHER SSBN 726 CLASS EOH'S.

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19. Describe what ship classes are currently under new construction in shipyard in the harbor complex.

There are currently no naval ships under construction in the harbor complex.

20. If there is no shipyard in the harbor complex, provide the distance (water travel) to the nearest shipyard.

Not Applicable. The shipyards in the harbor complex are listed above in question 18.

21. List the maintenance support activities (MOTU, etc.) at the base.

We have no maintenance support activities at SUBASE Bangor.

Personnel Support Facilities

22. Administrative Spaces

22.a. In the following table, indicate the available space (SF), individual workstation (PN), and condition for each facility designated or used for administrative purposes.

Table 22.1 Administrative Support Spaces

Building Type	NAVFAC (P-80) category code	Adequate		Substandard		Inadequate		Total	
		SF	PN	SF	PN	SF	PN	SF	PN
Administrative office	610-10	171802 163753	2111	161*	2	NA	NA	172683 163914	2113
ADP installations	610-20	4983 3827	61	NA	NA	NA	NA	4983 3827	61
Legal services	610-40	3301	40	NA	NA	NA	NA	3301	40
Admin storage	610-77	NA 75	NA	NA	NA	NA	NA	NA 75	NA
Underground administrative office	620-10	NA	NA	NA	NA	NA	NA	NA	NA
Underground ADP installation	620-20	NA	NA	NA	NA	NA	NA	NA	NA
Underground admin storage	620-77	NA	NA	NA	NA	NA	NA	NA	NA

Remarks: Table 22.1 summarizes all the administrative space at SUBASE Bangor.
*The substandard space is found in Building 1005, a World War II vintage structure.

TYCOM NOTE: THE ABOVE TABLE INCLUDES ONLY THAT CLASS II PROPERTY LISTED ON SUBASE BANGOR'S PLANT PROPERTY RECORD CARDS, AND DOES NOT INCLUDE TENANTS. CORRECTIONS TO SQUARE FOOTAGE PROVIDED BY SUBASE BANGOR ON 4 JUN 94. DATA SHOWN IS ACTUAL INVENTORY AS OF THE DATE OF THE SUBMISSION OF THIS DATA CALL AND DOES NOT COINCIDE WITH DATA SHOWN IN NAVFAC P-164 DTD 30 SEPT 93.

TOTAL SQUARE FOOTAGE FOR ADMINSTRATIVE SUPPORT SPACES FOR THE ENTIRE SUBASE BANGOR COMPLEX IS 321,422 SF (CCN 610-10); 18,962 SF (CCN-20); 3,310 SF (CCN 610-40); AND 1,332 SF (CCN 610-77). BREAKOUT OF SUBSTANDARD AND INADEQUATE SQUARE FOOTAGE AND NUMBER OF WORKSTATIONS (PN) IS NOT READILY AVAILABLE FOR ALL TENANTS.

TYCOM NOTE: TRF BANGOR (A TENANT OF SUBASE BANGOR) REPORTED IN TABLE 13.1.b OF BRAC DATA CALL 45 THAT THEY LOSE ABOUT .95% OF PLANNED IMA WORK IN THE MONTH OF DECEMBER DUE TO WEATHER. THIS LOSS OF PLANNED WORK IS THE RESULT OF THE INCLIMATE WEATHER DESCRIBED BY SUBASE BANGOR IN STATION NOTES 1 AND 2 OF QUESTION 38.a.

38.c. Describe any unique training opportunities afforded by the local climate or geography.

Submarines are able to submerge in close proximity to base due to availability of deep water. The SUBASE Bangor waterfront can be used for cold water diver training. Long summer days and mild year round weather provide an excellent environment for a variety of outdoor training.

Ordnance Support

39.a. List the ordnance terminals at your station. If the base has no ordnance terminal, list the distance (ship transit miles) to the nearest ordnance station.

SUBASE Bangor currently does not have an ordnance terminal. The nearest terminal is at Naval Weapons Station, Detachment Port Hadlock at Indian Island, approximately 20 miles to the north of SUBASE Bangor on the Hood Canal.

39.b. List any ordnance anchorages in your harbor complex. Provide the limits on their use.

Explosives anchorage at Thorndyke Bay (47° 48'N/122° 44'W) designated for nuclear weapons accidents and nuclear reactor accidents is located 3 nautical miles from Bangor waterfront facilities.

TYCOM NOTE: THE N.E.W. FOR THIS ANCHORAGE IS 2,000,000 LBS, WHICH RESULTS IN A K-50 ARC OF 6,300 FT.

40. State the location, distance and response time of the explosive ordnance disposal (EOD) unit tasked to respond to your station.

EODMU 11 Det Bangor is located on the base (MAX TRAVEL DISTANCE IS 5 MILES). Response time is usually within 30 minutes.

41. Can you or a tenant activity reload VLS ship magazines?

No, neither SUBASE nor any of our tenant commands have that capability.

Training Support

42. List the fleet operational training commands located in the harbor complex that offer fleet refresher training schools.

TRIDENT Training Facility, Bangor.

43. List the combat system, combat control, or ship control team training simulators and their capabilities, if any, owned by training commands in the harbor complex .

Submarine Tactics Team Trainer (STTT): Trains TRIDENT submarine crews in submarine approach and attack tactics.

Defensive Weapons System Operational Trainer (DWSOT): Trains TRIDENT submarine battle stations teams in submarine approach and attack tactics.

Submarine Piloting and Navigation Trainer (SPAN): Trains submarine and surface ship piloting teams in surfaced navigation in harbors.

Ship Control Operational Trainer (SCOT): Trains TRIDENT ship control teams in submerged ship control and ship control emergencies, and in ship control during missile launch.

TRIDENT Sonar Operational Trainer (TSOT): Trains TRIDENT sonarmen in operation of the AN/BQQ-6 Sonar System. Can be used in conjunction with the STTT or the DWSOT to provide full battle stations team training.

Integrated Radio Room 1 and 2 (IRR 1, IRR 2): Trains submarine communications teams in operation of the TRIDENT External Communications Subsystem in both normal and emergency modes.

Electronics Maintenance Laboratory (EML): Trains TRIDENT Electronics Warfare personnel in the operation of the AN/WLR-8 Electronics Surveillance Measures system.

Torpedo Laboratory: Trains submarine torpedo handling personnel in normal and emergency torpedo handling.

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44. Indicate if the base or an activity in the harbor complex has a shipboard and/or aviation fire fighting trainer. Indicate if the base or an activity in the harbor complex has a shipboard damage control wet trainer. Provide details on the ship classes these trainers are designed to support.

TRITRAFAC Bangor has three damage control training facilities. Two trainers support all classes of submarine and they are the 21C12A Fire Fighting Trainer and the 21C11 "Get-Wet" Damage Control or Flooding Trainer. The third device is a Shoring Trainer designed to support flooding training for all classes of surface ships.

In addition, COMTRAPAC has requested authority to locate a surface/air fire fighter trainer at Bangor. Preliminary siting analyses are currently under way. This project would provide a \$15M facility to simulate surface ship and aircraft carrier fires.

45. List the training commands on the base that provide Class A or Class C schools.

TRIDENT Training Facility, Bangor, provides Class C schools.

46. List any unique training facilities not captured earlier in this data call.

Besides the ones that you have considered, there are several other trainers that fit in this category. They include the Sonar Maintenance Laboratory, the Defensive Weapons System Maintenance Laboratory, the Data Processing Equipment Laboratory, the Computer Maintenance Laboratory, the AN/BQQ-5E Maintenance Laboratory, the Combat Control System MK II Maintenance Laboratory, the Ship Control Maintenance Trainer, and the Monitoring Subsystem Laboratory.

MTRE MK 7 Mod 4
MK 98 Mod 0 FC System
MK 35 Mod 0 Launcher System
MTRE MK 6 Mod 4
Pwr Converter Equipment Assy
Monitor, Temp, Pwr Supply MK 141 Mod 0
Monitor and Tester SP Guidance Assy
Fwd Section, C4 Missile M/U Segmented
Aft Section Assy Second Stage M/U
Missile Payload Platform
Cabinet, Storage Test in Place Trainer
LCG MC MK 113 Mod 0
Reducer Station Assy 4TC-1
Switchboard, FC, MK 4 Mod 2
MMSA Rev A
LSLC Trainer
Gas Generator
Tube Pad and Seal Trainer
Umbilical Retractor Trainer Assy (URT-1)

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Rectifier Pwr Assy 400 AMP
Rectifier Pwr Assy 50 AMP
MOD Machine
Liner Adapter MK 59 Mod 0
Computer Group, Struct and Equip, Instil and Assy
Control Group, Struct and Equip, Instc and Assy
MK 2 Mod 7 Ships Inertial Navigation System
Mardan
Mardan Tape Reader
IBM Selectric Typewriters (modified)
MK 3 Mod 4 Navigation Subsystem Switchboards
MK 3 Mod 3 Multi Speed Repeaters
MK 6 Mod 2 EM Logs
Mardan Maintenance Test Set
CP 890 B/UYK Central Navigation Computers
MK 3 Mod 2 Navigation Control Console
CV-2342 B/UYK Digital to Digital Converter
MX-7988 B/UYK Magnetic Tape Unit
MX-4808 / BRN-3A Computer Writer Adapter
MK 65 Mod 2 Analog to Digital Converter
AN/BQN-3J Sonar Sounding Set
AN/BRN-8 Navigation Satellite Receiver
AN/BRN-5A Loran Receiver
AN/BSQ-4A Frequency Standard
Electrostatically Supported Gyro Monitor
DRS/NAV Switching Unit
Harris Computer (Subsystem Simulator)
Multi Speed Repeater Simulator

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Quality of Life

47. Military Housing

a. Family Housing:

(1) Do you have mandatory assignment to on-base housing?

No, we do not have mandatory assignment to on-base housing.

(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+	36	36	0	0
Officer	3	45	45	0	0
Officer	1 or 2	36	36	0	0
Enlisted	4+	73	73	0	0
Enlisted	3	260	260	0	0
Enlisted	1 or 2	415	415	0	0
Mobile Homes	0	0	0	0	0
Mobile Home lots	0	0	0	0	0

(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?

Remarks: Question 47.a.(3) is N/A since there are no inadequate or substandard family housing units at SUBASE Bangor.

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47.a.(4) Complete the following table for the military housing waiting list.

Pay Grade	Number of Bedrooms	Number on List ¹	Average Wait
O-6/7/8/9	1	N/A	N/A
	2	N/A	N/A
	3	N/A	N/A
	4+	1	6 Mos
O-4/5	1	N/A	N/A
	2	N/A	N/A
	3	8	6 - 8 Mos
	4+	2	6 - 8 Mos
O-1/2/3/CWO	1	N/A	N/A
	2	37	3 - 6 Mos
	3	9	3 - 6 Mos
	4+	1	3 - 6 Mos
E7-E9	1	N/A	N/A
	2	11	18 - 24 Mos
	3	72	12 - 16 Mos
	4+	30	12 - 16 Mos
E1-E6	1	N/A	N/A
	2	890	18 - 24 Mos
	3	171	12 - 16 Mos
	4+	49	12 - 16 Mos

¹As of 31 March 1994

47.a.(5) What do you consider to be the top six factors driving the demand for base housing? Does it vary by grade category? If so provide details.

Top Five Factors Driving the Demand for Base Housing	
1	The high cost of rentals in the community. Expensive for junior enlisted.
2	Available, affordable rentals are often inadequate.
3	Support of other Navy Families
4	Location of Base Housing close to Work
5	Security for the family

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Remarks: The top reason driving the demand for base housing among the junior enlisted personnel is the high cost of adequate rentals on the economy. With the higher pay grades this problem is not so severe. This driver is reflected in the fact that all new housing units to be constructed at Bangor are for junior enlisted personnel.

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

100%. Our units meet all known Navy Family Housing standards.

(7) Provide the utilization rate for family housing for FY 1993.

Type of Quarters	Utilization Rate
Adequate	98%
Substandard	N/A
Inadequate	N/A

Remark: We have no substandard or inadequate housing units at Bangor.

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

There has been no change since 1993.

47.b. BEQ:

(1) Provide the utilization rate for BEQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	92
Substandard	0
Inadequate	0

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

The current rate of occupancy is 98%. The increase is attributed to implementation of DOD standards of adequacy (1 October 1993).

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(3) Calculate the Average on Board (AOB) for geographic bachelors as follows:

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

The Average on Board count is 44.

(4) Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	36	40	
Spouse Employment (non-military)	30	34	
Other	23	26	Divorce*
TOTAL	89	100	

*If they are receiving married BAQ and paying child support.

(5) How many geographic bachelors do not live on base?

We were not able to gather this information in time to respond to this data call.

47.c. BOQ:

(1) Provide the utilization rate for BOQs for FY 1993.

Type of Quarters	Utilization Rate
Adequate	96
Substandard	0
Inadequate	0

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

There has been no change since 1993.

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(3) Calculate the Average on Board (AOB) for geographic bachelors as follows:

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

There are four geographic bachelors.

(4) Indicate in the following chart the percentage of geographic bachelors (GB) by category of reasons for family separation. Provide comments as necessary.

Reason for Separation from Family	Number of GB	Percent of GB	Comments
Family Commitments (children in school, financial, etc.)	3	43	
Spouse Employment (non-military)	2	28.5	
Other	2	28.5	Divorce*
TOTAL	7	100	

*If they are receiving married BAQ and paying child support.

(5) How many geographic bachelors do not live on base?

We were not able to obtain this information in time to respond to this data call.

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On Base MWR Facilities

48. For on-base MWR facilities¹ available, complete the following table for each separate location. For off-base government owned or leased recreation facilities indicate distance from base. If there are any facilities not listed, include them at the bottom of the table.

LOCATION Naval Submarine Base, Bangor

DISTANCE On Base

Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays	8	N
	Outdoor Bays	3	N
Arts/Crafts	SF	1200	N
Wood Hobby	SF	0	N/A
Bowling	Lanes	16	Y
Enlisted Club/AD	SF	4,915	Y
Khaki Club	SF	2,216	N
Library	SF	10,045	N/A
Library	Books	20,000+	N/A
Theater	Seats	495	Y
ITT	SF	900	Y
Museum/Memorial	SF	0	N/A
Pool (indoor)	Lanes	10	N
Pool (outdoor)	Lanes	0	N/A
Beach	LF	0	N/A
Swimming Ponds	Each	0	N/A
Tennis CT	Each	8	N *

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Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Volleyball CT (outdoor)	Each	0	N/A
Basketball CT (outdoor)	Each	1*	N/A
Racquetball CT	Each	7	N
Golf Course	Holes	0	N/A
Driving Range	Tee Boxes	0	N/A
Gymnasium	SF	10,400**	N
Fitness Center	SF	4,400	N
Marina	Berths	0	N/A
Stables	Stalls	0	N/A
Softball Fld	Each	5	N *
Football Fld	Each	1	N *
Soccer Fld	Each	1	N *
Youth Center	SF	3,500***	N
Lighthouse Youth Center	SF	7,970****	Y
Outdoor Lakes	Each	3	N *
Outdoor Equip. Issue	SF	4,200	Y
RV/Storage	Stalls	95	Y
Car Wash	Stalls	4	Y
Fleet Recreation Center	SF	1,000	N *
Vet Clinic	SF	700	Y

* We have one basketball court covered by a large vinyl tent.

**Includes (2) Different Facilities

***Does not Include Before and After School Care Facility.

****Does Include Before and After School Care Facility.

¹Spaces designated for a particular use. A single building might contain several facilities, each of which should be listed separately.

TYCOM NOTE: FACILITIES DENOTED BY AN "*" DO NOT CHARGE FOR USE OF THE FACILITY.

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49. Is your library part of a regional interlibrary loan program?

Yes, it is affiliated with the Western Library Association.

50. Base Family Support Facilities and Programs

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

Age Category	Capacity (Children)	SF			Number on Wait List	Average Wait (Days)
		Adequate *	Substandard	Inadequate		
0-6 Mos	8	X	N/A	N/A	48	6 Mos To 1 Yr
6-12 Mos	8	X	N/A	N/A	48	6 Mos To 1 Yr
12-24 Mos	20	X	N/A	N/A	18	6 Mos To 1 Yr
24-36 Mos	28	X	N/A	N/A	23	6 Mos To 1 Yr
3-5 Yrs	40	X	N/A	N/A	49	6 Mos To 1 Yr

* As per OPNAVINST 1700.9C

b. 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?

This question is not applicable to SUBASE Bangor because we have no substandard or inadequate child care facilities.

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

Description as follows: There is a resource and referral agency in the community which will connect families in need to child care with licensed centers and home care providers. Presently, this agency has 385 care providers listed.

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d. How many "certified home care providers" are registered at your base?

20 Family Home Care Providers.

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

Yes, Puget Sound Naval Shipyard. Center #1 has 80 children; Center #2 has 53 children.

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

Service	Unit of Measure	Qty
Exchange	SF	32,812
Gas Station	SF	200
Auto Repair	SF	2,000
Auto Parts Store	SF	1,600
Commissary	SF	45,422
Mini-Mart	SF	4,200
Package Store	SF	3,096
Fast Food Restaurants	EA	6
Bank/Credit Union	EA	1
Family Service Center	SF	50,984
Laundromat	SF	750
Dry Cleaners	EA	1
ARC	PN	N/A
Chapel	PN	500
FSC Classrm/Auditorium	PN	80
Barber Shop	SF	1255
NEX Optical Shop	SF	768
NEX Flower Shop	SF	750
NEX Garden Shop	SF	4,203

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52. Proximity of closest major metropolitan areas (provide at least three):

City	Distance (Miles)
Bremerton	12
Tacoma	39
Seattle	75

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53. Standard Rate VHA Data for Cost of Living:

Paygrade	With Dependents	Without Dependents
E1	130.59	73.07
E2	130.59	82.12
E3	127.83	94.19
E4	149.24	104.16
E5	174.96	122.16
E6	211.71	144.11
E7	244.20	169.94
E8	235.65	178.15
E9	231.91	176.04
W1	228.91	173.85
W2	260.84	204.59
W3	234.91	173.62
W4	233.17	153.75
O1E	234.07	173.85
O2E	192.84	153.75
O3E	216.81	183.42
O1	194.76	143.52
O2	190.49	140.89
O3	211.61	178.16
O4	206.88	179.90
O5	183.46	151.72
O6	246.08	203.69
O7	176.48	143.39

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54. Off-base housing rental and purchase

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

Type Rental	Average Monthly Rent		Average Monthly Utilities Cost
	Annual High	Annual Low	
Efficiency	375	275	\$65
Apartment (1-2 Bedroom)	700	450	\$80 - \$100
Apartment (3+ Bedroom)	800	650	\$100
Single Family Home (3 Bedroom)	1,400	600	\$150
Single Family Home (4+ Bedroom)	1,600	750	\$150 - \$225
Town House (2 Bedroom)	660	530	\$100
Town House (3+ Bedroom)	750	690	\$150
Condominium (2 Bedroom)	630	545	\$100
Condominium (3+ Bedroom)	750	700	\$150

54.b. What was the rental occupancy rate in the community as of 31 March 1994?

Type Rental	Percent Occupancy Rate
Efficiency	93
Apartment (1-2 Bedroom)	95
Apartment (3+ Bedroom)	93
Single Family Home (3 Bedroom)	92
Single Family Home (4+ Bedroom)	91
Town House (2 Bedroom)	91
Town House (3+ Bedroom)	92
Condominium (2 Bedroom)	94
Condominium (3+ Bedroom)	95

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(c) What are the median costs for homes in the area?

Type of Home	Median Cost
Single Family Home (3 Bedroom)	\$96,000
Single Family Home (4+ Bedroom)	\$98,000
Town House (2 Bedroom)	\$78,000
Town House (3+ Bedroom)	\$85,000
Condominium (2 Bedroom)	\$82,000
Condominium (3+ Bedroom)	\$85,000

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

Month	Number of Bedrooms		
	2	3	4+
January	136	108	27
February	113	90	22
March	153	122	31
April	96	77	19
May	99	79	19
June	133	90	22
July	100	80	19
August	120	96	24
September	92	74	18
October	111	89	22
November	99	79	19
December	73	58	14

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(e) Describe the principle housing cost drivers in your local area.

The primary cost drivers for our local area are listed below:

1. Waterfront/View*
2. Condition
3. Size
4. Neighborhood
5. Nearness to population centers/schools
6. Median income of the community

*Kitsap County is on a peninsula and has a great deal of waterfront available. Homes on the waterfront tend to be in a much higher cost range than those which are not. The high cost of these homes tends to skew the average price of a home in Kitsap County to the high side. In reality, there are a large number of high quality homes in the medium, affordable price range.

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

Rating	Number Sea Billets in the Local Area	Number of Shore billets in the Local Area
GMG	0	11
EN	0	18
BM	0	22
SK	0	8
EM	206	69
MM	206	230
MT	0	87
FT	0	52
STS	224	48
RM	0	35
MS	7	0
QM	0	2
TM	0	2
YN	0	1
AO	0	1
GM	0	1
BU	0	19
EO	0	7
CM	0	5
SW	0	5
UT	0	4
OS	0	2
EW	0	1
DP	0	2
ABH	0	2
FC	0	1
SH	0	1
ET	9	0

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The following activities were queried and responded negatively for all questions:

NAVCOMTELSTA, UIC 68660

DPPSBO, UIC 43326

MED CLINIC BANGOR, UIC 45237

DEN CLINIC BANGOR, UIC 45021

NAVLEGSVSOFFDET BANGOR, UIC 46796

FISC BRANCH BANGOR, UIC 00406

NAVY EXCHANGE, UIC 45105

SWFPAC, UIC 63402: Directed to respond only to Data Calls from the Strategic Systems Programs Office, their Major Claimant. Since the Marine Corps Security Force Company is under SWFPAC, this restriction also applied to them.

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

Location	% Employees	Distance (mi)	Time (min)
East Bremerton	19.5	9	20
Silverdale	16.3	4	18
West Bremerton	7.8	11	20
Poulsbo	7.1	5	20
Port Orchard	6.6	20	30

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

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

Institution	Type	Grade Level(s)	Special Education Available	Annual Enrollment Cost per Student	1993 Avg SAT/ACT Score	% HS Grad to Higher Educ	Source of Info
North Kitsap School District	Pub	K-12	Full Svs Program	\$4,203*	V-444 M-484	60	WA State Supt of Public Inst WA State School Apportionment & School Dist
Central Kitsap School District	Pub	K-12	Full Svs Program	\$4,214*	V-439 M-471	60	WA State Supt of Public Inst WA State School Apportionment & School Dist
South Kitsap School District	Pub	K-12	Full Svs Program	\$4,165*	V-419 M-461	60	WA State Supt of Public Inst WA State School Apportionment & School Dist
Bremerton School District	Pub	K-12	Full Svs Program	\$4,137*	V-430 M-472	60	WA State Supt of Public Inst WA State School Apportionment & School Dist
North Mason School District	Pub	K-12	Full Svs Program	\$4,132*	V-440 M-470	60	WA State Supt of Public Inst WA State School Apportionment & School Dist
Peninsula School District	Pub	K-12	Full Svs Program	\$4,225*	V-452 M-495	60	WA State Supt of Public Inst WA State School Apportionment & School Dist
Bainbridge Island School District	Pub	K-12	Full Svs Program	\$4,185*	V-491 M-542	85	WA State Supt of Public Inst WA State School Apportionment & School Dist

* Per pupil expenditures; no tuition is charged.

Legend - V = Verbal
 M = Math

Additionally, there are approximately 30 pre-schools, 20 church-affiliated schools, and under 10 private schools in the Kitsap County area.

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

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational Technical	Undergraduate		Graduate
				Courses only	Degree Program	
City University	Day	No	No	No	No	No
	Night	No	No	Yes	Yes	Yes
Eton Technical Institute	Day	No	Yes	No	Yes	No
	Night	No	Yes	No	Yes	No
Northwest College of Art	Day	No	No	No	Yes	No
	Night	No	No	No	Yes	No
UW Tacoma Branch at Olympic College	Day	No	No	No	No	No
	Night	No	No	No	Yes	No
Olympic College	Day	Yes	Yes	Yes	Yes	No
	Night	Yes	Yes	Yes	Yes	No
WWSU @ Olympic College	Day	No	No	No	No	No
	Night	No	No	No	No	Yes

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

Institution	Type Classes	Program Type(s)				
		Adult High School	Vocational/ Technical	Undergraduate		Graduate
				Courses only	Degree Program	
Olympic College	Day	No	No	Yes	No	No
	Night	No	Yes	Yes (Indiv Study)	Yes	No
	Correspondence	No	No	No	No	No
Southern Illinois University	*Day	No	No	No	Yes	No
	Night	No	No	No	No	No
	Correspondence	No	No	No	No	No
Chapman University	Day	No	No	No	No	No
	Night	No	No	Yes	Yes	Yes
	Correspondence	No	No	**No	No	No

*Classes are conducted on weekends (both Saturday and Sunday, 0800-1550)

**Chapman University offers a series of lower level undergraduate classes based on video taped lessons. These classes are a continuous enrollment format and may be started at any time.

58. Spousal Employment Opportunities

Provide the following data on spousal employment opportunities.

Skill Level	Number of Military Spouses Serviced by Family Service Center Spouse Employment Assistance			Local Community Unemployment Rate
	1991	1992	1993	
Professional	21	16	31	**
Manufacturing	0	1	8	
Clerical	24	62	75	
Service	16	43	54	
Other	0	0	0	

** KITSAP COUNTY UNEMPLOYMENT RATE: March 1993 = 7.2%,
 March 1994 = 6.4%
 (No breakdown by skill levels.)

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

No, active duty personnel do not have difficulty with access to medical or dental care in either the military or civilian health care system. There are modern medical and dental clinics on base. Bremerton Naval Hospital is approximately 8 miles from Bangor and Madigan Army Medical Center (one of the most modern in the Army) is approximately 50 miles to the south. In addition, Harrison Memorial Hospital is located in East Bremerton within easy commuter access of the base. Major medical centers are also available in Seattle, about a one and one half hour drive from Bangor.

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

No, military dependents do not have difficulty with access to medical or dental care in either the military or civilian health care system. There are modern medical and dental clinics on base. Bremerton Naval Hospital is approximately 8 miles from Bangor and Madigan Army Medical Center (one of the most modern in the Army) is approximately 50 miles to the south. In addition, Harrison Memorial Hospital is located in East Bremerton within easy commuter access of the base. Major medical centers are also available in Seattle, about a one and one half hour drive from Bangor.

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61. Complete the table below to indicate the crime rate for your air station for the last three fiscal years. The source for case category definitions to be used in responding to this question are found in NCIS - Manual dated 23 February 1989, at Appendix A, entitled "Case Category Definitions." Note: the crimes reported in this table should include 1) all reported criminal activity which occurred on base regardless of whether the subject or the victim of that activity was assigned to or worked at the base; and 2) all reported criminal activity off base.

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

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Crime Definitions	FY 1991	FY 1992	FY 1993
5. Customs (6M)			
Base Personnel - military	0	0	1
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
6. Burglary (6N)			
Base Personnel - military	13	6	16
Base Personnel - civilian	1	2	6
Off Base Personnel - military	0	1	0
Off Base Personnel - civilian	0	0	0
7. Larceny - Ordnance (6R)			
Base Personnel - military	0	0	0
Base Personnel - civilian	1	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
8. Larceny - Government (6S)			
Base Personnel - military	35	20	21
Base Personnel - civilian	56	50	37
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

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Crime Definitions	FY 1991	FY 1992	FY 1993
9. Larceny - Personal (6T)			
Base Personnel - military	81	67	53
Base Personnel - civilian	38	35	12
Off Base Personnel - military	0	3	0
Off Base Personnel - civilian	0	3	0
10. Wrongful Destruction (6U)			
Base Personnel - military	16	41	47
Base Personnel - civilian	14	28	10
Off Base Personnel - military	0	3	0
Off Base Personnel - civilian	0	1	0
11. Larceny - Vehicle (6V)			
Base Personnel - military	2	1	5
Base Personnel - civilian	2	1	0
Off Base Personnel - military	0	1	0
Off Base Personnel - civilian	0	0	0
12. Bomb Threat (7B)			
Base Personnel - military	3	1	3
Base Personnel - civilian	3	0	6
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

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Crime Definitions	FY 1991	FY 1992	FY 1993
13. Extortion (7E)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
14. Assault (7G)			
Base Personnel - military	56	47	42
Base Personnel - civilian	52	34	20
Off Base Personnel - military	0	1	0
Off Base Personnel - civilian	0	1	0
15. Death (7H)			
Base Personnel - military	0	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
16. Kidnapping (7K)			
Base Personnel - military	0	0	1
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0

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Crime Definitions	FY 1991	FY 1992	FY 1993
18. Narcotics (7N)			
Base Personnel - military	1	0	1
Base Personnel - civilian	1	1	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	1
19. Perjury (7P)			
Base Personnel - military	1	0	0
Base Personnel - civilian	0	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
20. Robbery (7R)			
Base Personnel - military	0	0	1
Base Personnel - civilian	4	0	0
Off Base Personnel - military	0	0	0
Off Base Personnel - civilian	0	0	0
21. Traffic Accident (7T)			
Base Personnel - military	135	118	117
Base Personnel - civilian	85	79	59
Off Base Personnel - military	3	5	1
Off Base Personnel - civilian	5	3	0

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

TYCOM NOTE: RECORDS ON FILE AT TYCOM LEVEL INDICATE ONE "ALLEGED RAPE" OCCURRED OFF BASE IN FY93.

BRAC-95 CERTIFICATION DATA CALL THIRTY SEVEN

SUBASE BANGOR

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

MAJOR CLAIMANT LEVEL

J. R. FITZGERALD
NAME (Please type or print)


Signature

Commander In Chief
Title (Acting)

14 JUL 94
Date

U. S. Pacific Fleet
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

8/13/94
Date

SUBASE Bangor Data Call 37, Activity UIC: N68436

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

COMMANDER SUBMARINE GROUP NINE

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


Signature

Commander Submarine Group 9
Title

3 June 1994
Date

Submarine Group 9
Activity

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

COMMANDER SUBMARINE FORCE, U.S. PACIFIC FLEET

T. J. ELLIOTT
NAME (Please type or print)


Signature

COMMANDER (ACTING)
Title

7 Jun 94
Date

SUBMARINE FORCE, U.S. PACIFIC FLEET
Activity

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.

NAVAL SUBMARINE BASE, BANGOR

E. R. LOCKWOOD, CAPT, USN
NAME (Please type or print)


Signature

Commanding Officer
Title

1 June 1994
Date

Naval Submarine Base, Bangor
Activity

CONFIDENTIAL--Unclassified upon removal of page 12

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located in sqe.*

CAPACITY ANALYSIS

DATA CALL WORK SHEET

FOR NAVY BASE: NAVAL SUBMARINE BASE, BANGOR

BASE PRIMARY UIC: N68436

(Insert this UIC in "Header A" on every page)

Category.....Operational Support
Sub-category.....Naval Bases

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

Naval Station Listing

Type	Title	Location
SUBMARINE BASE	NAVSUBBASE NEW LONDON	GROTON CT
NAVAL STATION	NAVAL STATION ANNAPOLIS	ANNAPOLIS MD
AMPHIBIOUS BASE	NAVPHIBASE LITTLE CREEK	NORFOLK VA
NAVAL STATION	NAVAL STATION NORFOLK	NORFOLK VA
SUBMARINE BASE	NAVSUBBASE KINGS BAY	KINGS BAY GA
NAVAL STATION	NAVAL STATION MAYPORT	MAYPORT FL
NAVAL STATION	NAVAL STATION PASCAGOULA	PASCAGOULA MS
NAVAL STATION	NAVAL STATION INGLESIDE	INGLESIDE TX
NAVAL STATION	NAVAL STATION ROOSEVELT ROADS	ROOSEVELT ROADS PR
SUBMARINE BASE	SUBMARINE BASE BANGOR	SILVERDALE WA
NAVAL STATION	NAVAL STATION EVERETT	EVERETT WA
NAVAL STATION	NAVAL STATION SAN DIEGO	SAN DIEGO CA
NAVPHIBASE	CORONADO CA	SAN DIEGO CA
NAVAL STATION	NAVAL STATION PEARL HARBOR	PEARL HARBOR HI
SUBMARINE BASE	SUBMARINE BASE SAN DIEGO	SAN DIEGO CA
SUBMARINE BASE	SUBMARINE BASE PEARL HARBOR	PEARL HARBOR HI
NAVAL STATION	NAVAL STATION GUAM	GUAM
<i>NAVAL AIR STATION</i>	<i>NAVAL AIR STATION NORTH ISLAND</i>	<i>SAN DIEGO CA</i>

Change
N4644-
CPF
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Data for Capacity Analysis

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10. Reserve Support Capacities

10.a. List all **reserve units** (USNR, USMCR, USAFR, ANG, USAR, ARNG) that train at this installation.

Table 10.1

Reserve Unit	Training Function / Facilities Used
SUBASE Bangor NR 2201	Provide security support, including perimeter and small boat./Utilize the Service Pier and Service Pier Bldg, Camp Wesley Harris, and OCAB.
SUBASE Bangor NR 2202	Provide waterfront operations support./Utilize Bldg. 1100 and Service Pier Bldg.
COMSUBGRU 9 NR CCC (122)	Provide special security./Utilize the GRU 9 bldgs.
COMSUBGRU 9 NR 522	Provide shore replacement./Utilize the GRU 9 bldgs.
SQDRN 17 NR 1322	Provide augment for SQDRN 17 and PMOPAC staff./Utilize Delta Pier (SQDRN 17 offices) and NSC Puget Sound spaces.
Reserve Unit	Training Function / Facilities Used
TRF NR 122	Provide sound silencing support./Utilize all TRF shops and perform work in tenant activities.
TRF NR 222	Provide sound silencing support./Utilize all TRF shops and perform work in tenant activities.
NAVCOMTELSTA Puget Sound NR 213	Provide NAVCOMTELSTA support./Utilize Bldg. 1100 and COMSTA spaces, Whidbey Island. NOTE: Disestablishes on 1 Jul 94.
NCIS NR 2422	Provide immediate mobilization and support to NCIS./Utilize NCIS Bldg. 1010.

10.b. For each USNR and USMCR ship homeported or unit that trains at your facility, provide the number of **authorized billets and number of personnel actually assigned** to the unit for the past three fiscal years. Include both Selected Reserves (SELRES) and Training and Administration of Reserves (TAR) Navy / Full Time Support (FTS) Marine Corps reservists. Explain differences between authorized and actual manning.

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Table 10.2

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	FY 1991				FY 1992				FY 1993			
	Auth		Actual		Auth		Actual		Auth		Actual	
	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS	SELRES	TAR/FTS
Unit: <i>SUBASE Bangor NR 2201</i>												
Enlisted	47	0/0	23	0/0	42	0/0	26	0/0	66	0/0	60	0/0
Officer	01	0/0	01	0/0	01	0/0	01	0/0	01/0	0/0	01	0/0
Unit: <i>SUBASE Bangor NR 2202</i>												
Enlisted	11	0/0	No data.	No data.	11	0/0	12	0/0	11	0/0	15	0/0
Officer	05	0/0	No data.	No data.	05	0/0	05	0/0	05	0/0	05	0/0
Unit: <i>COMSUBGRU 9 NR CCC (122)</i>												
Enlisted	No data.	No data.	No data.	No data.	32	0/0	15	0/0	33	0/0	23	0/0
Officer	No data.	No data.	No data.	No data.	03	0/0	03	0/0	03	0/0	03	0/0
Unit: <i>COMSUBGRU 9 NR 522</i>												
Enlisted	No data.	No data.	No data.	No data.	28	0/0	16	0/0	29	0/0	26	0/0
Officer	No data.	No data.	No data.	No data.	10	0/0	10	0/0	10	0/0	10	0/0

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Unit: <i>SQDRN 17 NR 1322</i>												
Enlisted	25	0/0	25	0/0	25	0/0	25	0/0	25	0/0	25	0/0
Officer	01	0/0	01	0/0	01	0/0	01	0/0	01/07	0/0	01/07	0/0
Unit: <i>TRF NR 122</i>												
Enlisted	26	0/0	25	0/0	35	0/0	25	0/0	35	0/0	30	0/0
Officer	03	0/0	03	0/0	03	0/0	03	0/0	03	0/0	03	0/0
Unit: <i>TRF NR 222</i>												
Enlisted	27	0/0	11	0/0	23	0/0	17	0/0	30	0/0	14	0/0
Officer	01	0/0	01	0/0	01	0/0	01	0/0	01	0/0	01	0/0
Unit: <i>NAVCOMTELSTA Pudget Sound NR 213</i>												
Enlisted	12	0/0	12	0/0	12	0/0	12	0/0	12	0/0	12	0/0
Officer	01	0/0	01	0/0	01	0/0	01	0/0	01	0/0	01	0/0
Unit: <i>NCIS NR 2422</i>												
Enlisted	03	0/0	03	0/0	03	0/0	03	0/0	03	0/0	03	0/0
Officer	14	0/0	14	0/0	14	0/0	14	0/0	14	0/0	14	0/0

SUBASE Bangor Unit 2201: Differences due to availability of personnel.
 SUBASE Bangor Unit 2202: Personnel were put in unit awaiting assignment to mobilization billets.
 COMSUBGRU 9 Unit 122 (CCC): Had 16 enlisted cross assigned in FY 92.
 COMSUBGRU 9 Unit 522: Differences due to availability of personnel.
 SQDRN 17 Unit 1322: Traditionally down two enlisted billets each fiscal year due to unavailability of local personnel in SK and QM rates.
 TRF Unit 122: Differences due to availability of personnel.
 TRF Unit 222: Differences due to availability of personnel.

TYCOM NOTE: CORRECTIONS TO DATA BY TYCOM ENTERED IN BOLD ADJACENT TO DATA PROVIDED BY INSTALLATION. DATA EXTRACTED FROM RESERVE TRAINING SUPPORT SYSTEM (RTSS) ON 06 MAY 94.

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16.a. For ship classes currently homeported at your base and serviced by an associated Intermediate Maintenance Activity, list the following historical data:

IMA/UIC: TRIDENT Refit Facility / N68438

Table 16.1

Ship Class	Avg. man-hrs expended per ship per year			Avg # of days in dock/yr for class operating cycle	Fleet reqd wks/year in availability per ship		
	FY1991	FY1992	FY1993		FY1991	FY1992	FY1993
SSBN 726	146,796	133,542	136,480	126 per ship	14/0 Note 1	16/0 Note 1	15/0 Note 1
YTB-Tugs	5,493	7,084	1,958	30 per tug	4	4	4
SSBN 640	0	23,584	744	Not applicable	0	0	0

Note 1. SSBN 726 class submarines operate to meet a strategic mission requirement. There are no specified fleet required weeks/year in availability per ship for this class

TYCOM NOTE: DELETE STATION NOTE (1) IN ITS ENTIRETY AND SUBSTITUTE THE FOLLOWING: "SSBN 726 CLASS SUBMARINES OPERATE ON A CONTINUOUS 75/35 DAY PATROL/REFIT CYCLE WHICH RESULTS IN APPROXIMATELY 3.31 REFITS PER YEAR AT 32 DAYS PER REFIT WHICH EQUATES TO AN AVERAGE OF 15 WEEKS PER YEAR IN AVAILABILITY." ACTUAL WEEKS IN AVAILABILITY FOR FY91 THROUGH FY93 ARE PROVIDED IN BOLD.

THE MANHOURS SPENT ON THE SSBN 640 WERE A ONE TIME UNIQUE EVENT AND SHOULD NOT BE INCLUDED FOR LONG TERM PLANNING PURPOSES.

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16.b. List the **projected work load** at the same IMA for each class of ship.

Table 16.2

Ship class	Projected man hours (x1000) per ship per fiscal year													
	FY1995		FY1996		FY1997		FY1998		Fy1999		FY2000		FY2001	
	# Ships	Man-hrs	# Ships	Man-hrs	# Ships	Man-hrs	# Ships	Man-hrs	# Ships	Man-hrs	# Ships	Man-hrs	# ships	Man-hr
SSBN 726	8	135	8	140	8	132	8	134	8	130	8	131	8	131
YTB-Tugs	3	7	3	6	3	6	3	6	3	6	3	6	3	6
SSN 637	1	78	1	78	1	78	1	78	1	78	1	78	1	78

16.c. If some IMA level work is contracted to civilian (non-DON) activities, provide the navy contract manager and estimate the equivalent man-hours of service provided by those contractors in the listed fiscal years. List projected contractor IMA workload for the fiscal years 1995 through 2001.

No IMA level work is contracted to civilian activities.

MAINTENANCE SUPPORT CAPACITY

17. For any **Shore Based Intermediate Maintenance Facility**, list the following:

17.a. List the **size** and the **condition** of the **intermediate maintenance facility** located at the installation. CCN refers to the five digit category code number from NAVFAC P-80.

Table 17.1

Facility Name/ Function	CCN	Adequate (sq ft)	Substandard (sq ft)	Inadequate (sq ft)
Waterfront Storage Sheds/Operational Storage	143-77	17,655		
Magnetic Silencing Facility Storage Shed/Waterfront Transit Shed	156-10	720		
Magnetic Silencing Facility/Deperming Bldg	159-30	6,407		
Waterfront Operations Bldg	159-64	320		1,640
Drydock	213-10	171,360		
Refit Industrial Facility/SIMA	213-30	178,251		
Strategic Weapons Second Level Maintenance Shop/Weapons Shop	213-51	40,640		
Marine Machine Shop	213-52	5,907		
Rigging Shop	213-61	180		
Nuclear Repair Shop	213-65	19,420		
Pumphouse/Drydock	213-67	5,964		
Diver Change House	213-68	3,790		
Delta Support Facility/Waterfront Services Support Bldg	213-70	66,836	234	
Repair Shop Storage Bldg/Misc Storage	213-77	31,822		
General Warehouse	441-10	87,634		

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Facility Name/ Function	CCN	Adequate (sq ft)	Substandard (sq ft)	Inadequate (sq ft)
Hazardous and Flammables Storehouse	441-30	16,695		3,000
Subsat/Integrated Logistics Overhaul and Outfitting Bldg	441-71	21,862		
Servmart	441-72	16,000		
Administration Office	610-10	38,798		2,028
Data Processing Center	610-20	12,355		
Classified Materials Shredder and Bldg	610-30	1,620		
Installation Restaurant	740-26	4,590		
Refit Pier Substations/ Switching/Substation Building/Shelter	813-10	4,032		
CCSPS Bldgs/Air conditioning valve house/shed/shelter	827-10	3,332		
Pure Water Facility/Water Treatment Facility Bldg	841-09	2,790		
ASW Bldg/Water Supply/Storage, Nonpotable water	844-10	400		
Mechanical Bldg/Misc Utility Plant Bldg	890-09	2,785		
Refit Pier 1 & 2/Fitting Out Pier	151-30	1,280FB		
Magnetic Silencing Pier/Deperming Pier	151-80	696FB		
Marginal Wharf/Berthing Wharf	152-20		1,447FB	
Small Craft Berth	155-20	200FB		

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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 describe why the facility is inadequate; indicate how the facility is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate if current budget program includes any of the required funds.

CCN 159-64. 1,640 SF building constructed in 1944 as a temporary building. Building is being used to store equipment used on the Delta Pier/Drydock, but no storage space exists on the Delta Platform. There is no other possible use. If a MCON for a storage building on Delta Platform is funded, this building will be vacated and should be demolished.

CCN 441-30. 3,000 SF building constructed in 1980 as a semi-permanent building. Building is being used to temporarily store Material Turn In Supplies. Because of building design and citing considerations, the building cannot be upgraded to adequate. The building could be used as a general storage warehouse. No funds are programmed for this.

CCN 610-10. 2,028 SF building constructed in 1975 as a semi-permanent building. The building is being used as an administrative building for contractors supporting Commander Submarine Squadron 17. The building is within an ESQD arc for D5 from SWFPAC. Therefore, long range planning requires that this building be vacated and not upgraded.

17.b. Assuming that the shore intermediate maintenance facilities can be **fully staffed** with appropriately skilled workers and procurement clerks and that sufficient funding is available for all parts support, what would be the maximum ship intermediate maintenance capability of this installation. For this question, assume that all currently programmed improvements are executed and assume that all current depot work remains at the depot level.

Maximum ship intermediate maintenance capability would be:

8	SSBN 726
3	Tugs
1	SSN 637

Naval Station Capacity Analysis Data Call
UIC: N68436

17.c. What plant modifications/facility improvements are budgeted in Presidential Budget 1995 through FY 1997 (including all BRACON) that would improve the production work capability at the ashore intermediate maintenance facility? Provide a description, cost, and additional capacity (in man-hours) that could be realized.

MCON P-958, Nuclear Repair Facility, FY97, \$1,750,000. This project consolidates the Nuclear Repair Shops into one centrally located facility near the waterfront. No additional capacity is included in the project. There will be increased efficiency and less lost time going between buildings and the Delta Pier.

17.d. Given unconstrained funding and manning levels, what Industrial Plant Equipment (IPE) would you change (add, delete, or modify) to increase the shore IMA production work capacity? Provide a description, cost estimates, and additional capacity (in man-hours per year) that could be realized.

Industrial Plant Equipment that would be added, changed or modified to increase production work capacity would be the equipment items already identified in the outyears Other Procurement, Navy budget call.

FY 95 requirements total \$1,717,000. Some items include: Universal armature machine, horizontal honing machine, thread grinder, 2-19" and 2-26" CNC lathes, 6" honing machine, 48" x 36" boring machine, CNC vertical spindle mill, and electrical discharge machine.

FY 96 requirements total \$1,294,000. Some items include: 56" boring and turning machine, vertical milling machine, laser engraving machine, cylindrical grinding machine, 16" engine lathe, hatch cutting machine, ball valve seating machine, 15" universal turret lathe, vertical CNC milling machine and 60" horizontal bore/drill/milling machine.

FY 97 requirements total \$1,172,000. Some items include: 12" cylindrical grinding machine, 72" horizontal bore/drill/milling machine, horizontal milling machine, 12" tool & cutter grinding machine, 4' radial drilling machine, single end punching machine, hydraulic shearing machine, 34" x 12" horizontal milling machine and 50" x 16" horizontal milling machine.

FY 98 requirements total \$1,324,000. Some items include: 34" x 16" vertical milling machine, 5" jig boring machine, 20" ball honing machine and vertical turret boring and turning machine.

FY 99 requirements total \$932,000. Some items include: 2" center grinding machine, 42" surface grinding machine, 54" vertical spindle grinding machine, 12" x 30" horizontal grinding machine and 11" and 17" radial drilling machines.

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17.e. Are there any environmental, legal or other factors that inhibit further increase in productive work capacity at the shore IMA (e.g. encroachments, pollutant discharge, etc.)? Provide details and possible solutions.

The Explosive Safety Quantity Distance (ESQD) arcs limit, but do not prevent, expansion of the Industrial Production facilities.

17.f. State the percent of the maintenance work day lost to **military duties** (GMT, Training, etc.) during the normal day shift.

2.8 Service diversions hours/week + .53 Training hours/week = 3.33 hours/week
 3.33 hours/week ÷ 40 = 8.3% of Military work day
 8.3% of Military work day x 45% Military in production work force = 3.73% overall maintenance work pay percent lost to military duties.

17.g. Provide the **man-hours expended by shore based intermediate maintenance activities** for the listed years in the following categories:

Table 17.2

IMA: <u>N68438</u>	FY 1990 (K man-hr)	FY 1991 (k man-hr)	FY 1992 (k man-hr)	FY 1993 (k man-hr)	FY 1994 ¹ (k man-hr)
Ship Modernization (non-nuclear)	107	106	90	112	90
Ship Modernization (nuclear)	3	1	4	20	14
Ship Repair (non-nuclear)	1,129	1,120	1,024	961	932
Ship Repair (nuclear)	60	70	44	19	39
Aircraft Maintenance	Not applicable				
Facility/IPE Maintenance	139	124	158	155	144
Other Maintenance ²	164	149	117	144	146

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- ¹ Projected man hours.
- ² Describe maintenance in this category.

Note 1. For all FYs, Other Maintenance includes TRIDENT Planned Equipment Replacement (TRIPER) Refurbishment and assigned maintenance from other shore activities. For FY 94, it also includes the backlog for alterations, preventive maintenance and corrective maintenance.

SHIP SUPPORT CAPACITY

18. List the **government drydocks** (floating or graving) owned by the base or tenant activities. For each drydock indicate its maximum lift, ship classes for which NAVSEA has certified the dock, and number of days in use in FY 1991, 1992, 1993. Indicate the number of days climate prevented painting and preservation of docked ship external hull in FY 1993.

Table 18.1

Drydock	Maximum Capacity	Ship Classes that can be Docked ¹	Days in use			Climate Limited days		
			FY1991	FY1992	FY1993	FY1991	FY1992	FY1993
Bldg 7420	30,360 long tons	SSBN726	286	288	245	0	0	0
		All SSN class submarines						
		Tug boats						
		Surface ships that physically would fit						

¹ NAVSEA certification for docking.

Note 1. The Drydock has two moveable covers, each 100 feet long, which permit painting a ship's hull in inclement weather.

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19. Provide the same data for **commercial drydocks** in the harbor complex.

We do not have this information available. The correct source for this information is the Supervisor of Shipbuilding, Seattle.

Table 19.1

Drydock	Maximum Capacity	Ship Classes that can be Docked ¹	Days in use ²			Climate Limited days		
			FY1991	FY1992	FY1993	FY1991	FY1992	FY1993

¹ NAVSEA certification for docking.

² Days in use supporting DOD ships.

TYCOM NOTE: THERE ARE NO COMMERCIAL DRYDOCKS IN THE IMMEDIATE AREA OF THE BANGOR COMPLEX.

PERSONNEL SUPPORT

23. Training Facilities

23.a. By Category Code Number (CCN), complete the following **student throughput capacity** table for all **training facilities** (adequate, substandard and inadequate) aboard the installation including tenant activities. Include all 171-xx, 179-xx CCN's and any other applicable CCN. Following the table, describe how the Student Hours/Yr capacity is derived.

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

Table 23.1

Parent UIC	CCN	Type Training Facility	Total # of Rooms/Labs	Capacity (PN) ¹	Capacity (Student HRS/YR)
68437	171-10	Classrooms	101	1094	2,135,488
68437	171-20	Laboratories	73	724	1,413,248
68437	179-45	Fire Fighter Laboratory	1	24	46,848

¹Personnel Capacity is the total number of seats available for students in spaces used instruction based on the current configuration and use of the facilities.

ASSUMPTIONS

1. 244 instructional days in FY94 and one shift per day.
2. Formula: Student Capacity is based on current maximum capacity for each CCN per day X number of classrooms/laboratories times 8 hours X 244 instructional days.

TYCOM NOTE: TABLE 23.1 ABOVE ONLY REFLECTS INFORMATION FOR TRIDENT TRAINING FACILITY (UIC 68437). TABLE 23.1 FOR ALL OTHER UICs LOCATED AT SUBBASE BANGOR IS LOCATED AT THE END OF CCN 171-10 DATA WHICH IS FOLLOWED BY DATA FOR CCN 171-20 AND CCN 179-45.

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23.b. By facility Category Code Number (CCN), provide the number of hours per year of classroom time required for each course of instruction taught at formal schools on your installation. Include all applicable 171-XX and 179-xx CCN's.

TYCOM NOTE: ALL COURSES LISTED FOR QUESTION 23b HAVE BEEN CHECKED AGAINST THE SUBMARINE TRAINING MASTER PLANING SYSTEM (STMPs) DATA BASE PRINTOUT DATED 06 MAY 94. CORRECTIONS ARE ENTERED IN BOLD.

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 CPF
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CCN: 171-10

TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
ALL FACILITIES FOR THIS LISTING ARE CLASSROOMS	A-495-2039 BASIC SUB DC	AP	0	0	0	600	17	10200
	A-012-0011 INSTRUCTOR TRAINING	C1	196	48	9408	201	48	9648
	A-101-0168 TRI ECS RPL LVL1	C1	33	178	5874	0	0	0
	A-101-0232 TRI ECS LV/FINIS	C1	15	187	2805	0	0	0
	A-101-0287 TRI ECS REV 5.3 DIFF	C1	0	0	0	24	49	1176
	A-101-0726 TRIDENT ECS OPR	C1	0	0	0	21	170	3570
	A-101-0727 TRI ECS MAINT	C1	0	0	0	20	632	12640
	A-113-0141 CCS MK 2/3 CM	C1	0	0	0	2	120	240
	A-121-0560 TRII MT REPL	C1	91	454	41314	96	454	43584

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TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-121-0561 TRI I MT CONVER	C1	24	143	3432	28	143	4004
	A-121-0562 FTB TO MT CONVER	C1	28	122	3416	28	122	3416
	A-130-0126 BQQ6 O/M LEVEL 1	C1	32	281	8992	0	0	0
	A-130-0227 TRI DWS LE/FINIS	C1	7	327	2289	0	0	0
	A-130-0344 Q5EV4 CON MA CON	C1	0	0	0	24	120	2880
	A-130-0353 TRI STS COM MA	C1	0	0	0	36	400	14400
	A-130-0355 BQQ5 (V3/4) CONSOL	C1	0	0	0	12	624	7488
	A-150-0259 CCS MK2 MOD 3 CON	C1	0	0	0	27	280	7560
	A-193-0375 TRI COM NAV CON	C1	0	0	0	18	164	2952
	A-193-0376 TRI COM NAV CON	C1	0	0	0	18	320	5760
	A-531-0020 SNAP II SUB SSC	C1	13	50	650	15	50	750
	A-623-0039 6L16 ELEC TECH	C1	39	58	2262	16	58	928
	A-623-0080 TRI SH CON/LEV1	C1	29	146	4234	12	146	1752
	A-652-0050 O2 GEN 6L16 OP	C1	68	53	3604	54	53	2862
	A-652-0150 SUB DIE ENG MAIN	C1	68	34	2312	89	34	3026

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TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	F-191-0010 ETMS	C1	44	199	8756	33	199	6567
	J-500-0028 3-M SYSTEMS COORDINATOR	C1	13	40	520	0	0	0
	J-500-0029 3-M COORDINATOR	C1	30	40	1200	20	40	800
	A-012-0051 C D TMDS PPP/TPS	D1	62	39	2418	42	39	1638
	P-500-0034 NLDP LPO	D1	647	40	25880	646	40	25840
	P-500-0036 NLDP CPO	D1	203	40	8120	247	40	9880
	A-012-0023 SB/WC INSTR INDOC	F1	215	15	3225	72	15	1080
	A-061-0020 PILOT ADV NAV	F1	19	18	342	16	18	288
	A-061-0021 VOY PLAN ADV NAV	F1	18	17	306	16	17	272
	A-061-0022 CELEST ADV NAV	F1	14	16	224	16	16	256
	A-101-0284 TRI ECS DIFF TRA	F1	0	0	0	24	16	384
	A-101-0285 EHF BASIC MA	F1	0	0	0	24	64	1536
	A-101-0286 PETT	F1	0	0	0	24	100	2400
	A-113-0160 MASTER FT OPERATOR	F1	0	0	0	24	120	2880
	A-113-0163 MK6 DDRT	F1	0	0	0	12	16	192

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TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-121-0321 C-4 MSL ADV C/O	F1	10	22	220	12	22	264
	A-121-0428 MDF TH/ELEC MK98	F1	16	55	880	18	55	990

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TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-121-0429 MDF TH/MECH MK98	F1	16	12	192	18	12	216
	A-121-0431 FCS 98 ADVD OPS	F1	22 32	76	2432	13	76	988
	A-121-0433 TMPS TH/MT-EA	F1	20	21	420	12	21	252
	A-121-0436 FCS 98 ADV MAINT	F1	17	30	510	20	30	600
	A-121-0452 LCG MK13/0 A CTY	F1	22 28	47	1316	24	47	1128
	A-121-0456 LTG 14/0 ADV MAI	F1	27	11	297	30	11	330
	A-121-0457 LTG 14/0 SUPP GR	F1	31	11	341	24	11	264
	A-121-0469 LCHR CON/MON EQP	F1	32	102	3264	25	102	2550
	A-121-0470 MSL TB SUP EQUIP	F1	26	24	624	21	24	504
	A-121-0472 MTRE 6-4 ADV MA	F1	23	15	345	24	15	360
	A-121-0492 MTRE 7/4 ADVANCE	F1	16	87	1392	24	87	2088
	A-121-0514 MK98 ADV PWR	F1	24	15	360	12	15	180
	A-121-0517 MK98 OAG ADV TH	F1	19	14	266	13	14	182
	A-121-0550 MSDS ADV MAINTEN	F1	11	10	110	30	10	300
	A-121-0556 SWS SPEC PRO RPR	F1	0	0	0	48	20	960

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TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-130-0020 SSSA	F1	51	80	4080	0	0	0
	A-130-0187 BQQ6 SONAR SUP	F1	31	62	1922	0	0	0
	A-130-0236 NSDTC CMB MAINT	F1	20	12	240	8	12	96
	A-130-0319 ACOUST ANALYSIS	F1	48	39	1872	0	0	0
	A-130-0321 BQQ-9/BQR-15 OPS	F1	23	48	1104	1	48	48
	A-130-0322 BQQ-9/BQR-15 MAI	F1	22	79	1738	1	79	79
	A-130-0323 TRIDENT SON ADV	F1	35	48	1680	0	0	0
	A-130-0337 AN/BQR-22	F1	30	25	750	0	0	0
	A-130-0343 Q5EV 3/4 BA OP	F1	0	0	0	36	60	2160
	A-150-0279 REV 5.0 CO/FINIS	F1	32	80	2560	0	0	0
	A-193-0253 A/D CONV ADV TRA	F1	10	36	360	0	0	0
	A-193-0266 SINS TYPEWRITER	F1	12	32	384	0	0	0
	A-193-0288 MARDAN T/M 1	F1	16	45	720	0	0	0
	A-193-0289 MARDAN T/M 2	F1	19	40	760	0	0	0
	A-193-0320 SINS 2-6/7 CAL	F1	16	28	448	0	0	0

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TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-193-0321 SINS 2-6/7 T/M 1	F1	10	33	330	0	0	0
	A-193-0322 SINS 2-6/7 T/M 2	F1	13	39	507	0	0	0
	A-193-0324 MSR 3-3/4 MAINT	F1	9	11	99	0	0	0
	A-193-0329 AN/BQN-3J MAINT	F1	17	67	1139	0	0	0
	A-193-0330 ESGM T/M	F1	13	74	962	0	0	0
	A-193-0331 ESGM CAL	F1	14	32	448	0	0	0
	A-193-0335 ESGM DPIB	F1	17	84	1428	0	0	0
	A-193-0336 PROCESSOR 1	F1	9	72	648	0	0	0
	A-193-0337 PROCESSOR 2	F1	8	77	616	0	0	0
	A-193-0338 I/O CONTROLLER	F1	7	68	476	0	0	0
	A-193-0039 D/D CONVRTR MAINT	F1	12	39	468	0	0	0
	A-193-0341 MTU MAINTENANCE	F1	10	40	400	0	0	0
	A-193-0342 NCC MK3 MAINT	F1	8	36	288	0	0	0
	A-193-0345 NAV S/S THEORY	F1	31	56	1736	0	0	0
	A-193-0361 FLT PNL DSPLY MA	F1	16	46	736	0	0	0

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TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-193-0362 EM LOG MAINT	F1	24	20	480	16	20	320
	A-193-0370 SINS T & A	F1	29	65	1885	0	0	0
	A-193-0389 ESGM ADV MNT I	F1	0	0	0	20	79	1580
	A-193-0390 ESGM ADV MNT II	F1	0	0	0	20	67	1340
	A-198-0054 BETE	F1	88	31	2728	64	31	1984
	A-210-0017 STRBORN VIB MON	F1	0	0	0	12	41	492
	A-210-0022 SHIP SILENCING	F1	67	5	335	0	0	0
	A-210-0025 SHIP SIL TM ANALY	F1	59	30	1770	80	30	2400
	A-233-0027 WLR-8(V) BAS OP	F1	27	30	810	25	30	750
	A-233-0058 AN/WLR-8 OP EMPL	F1	156	10	1560	105	10	1050
	A-233-0092 BPS-16 RADAR C/M	F1	0	0	0	24	80	1920
	A-495-2054 SUB DCPO TRAIN	F1	0	0	0	96	8	768
	A-495-2056 SUB DAMAGE CONT	F1	351	23	8073	0	0	0
	A-551-0089 SUB LEADING SK	F1	3	37	111	15	37	555
	A-651-0090 SUB JUNIOR SK	F1	20	21	420	18	21	378

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TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-551-0091 SUB RPPO INDOC	F1	274	9	2466	240	9	2160
	A-551-0095 SUB RPPO SNAP II	F1	6	23	138	50	23	1150
	A-557-0082 SUB QA INSPECTOR	F1	227	40	9080	301	40	12040
	A-651-0102 TRI STM COMP MN	F1	19	21	399	32	21	672
	A-652-0147 OK-276 T/A MAINT	F1	31	14	434	0	0	0
	A-652-0149 TRI ANT HAND	F1	3	17	51	0	0	0
	A-652-0201 3K GPD COMB MNT	F1	42	19	798	32	19	608
	A-652-0202 12K GPD COMB MNT	F1	50	16	800	40	16	640
	A-652-0205 R114 200TON A/C	F1	54	29	1566	32	29	928
	A-652-0238 TRIDENT ELEC GOV	F1	41	13	533	22	13	286
	A-652-0240 SHIPBD GAGE CAL	F1	157	24	3768	192	24	4608
	A-652-0341 T HPAC/LPAC OPER	F1	0	0	0	20	20	400 (est.)
	A-652-0342 T P&V CMB MA	F1	0	0	0	20	20	400 (est.)
	A-652-0343 T HPAC/LPAC ADV	F1	0	0	0	20	20	400 (est.)
	A-661-0106 NPP REFTRA	F1	14	140	1960	0	0	0

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TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-662-0102 500KWMG MECH MNT	F1	29	28	812	29	28	812
	A-662-0108 CKT BKRS & CONTR	F1	20	60	1200	24	60	1440
	A-662-0125 500KWMG ELEC MNT	F1	29	32	928	32	32	1024
	A-662-0129 PROP CONTROLLERS	F1	40	29	1160	47	29	1363
	A-662-0132 400 HZ MG MAINT	F1	38	28	1064	28	28	784
	A-662-0133 ELEC GEN REG OPS	F1	39	40	1560	32	40	1280
	A-662-0135 AEMT	F1	43	40	1720	24	40	960
	A-662-0140 ADV SUB BATTERY	F1	31	35	1085	38	35	1330
	A-662-0145 SOLID STATE SOLD	F1	67	16	1072	32	16	512
	A-701-0031 NPPO WELD REQUAL	F1	52	6	312	54	6	324
	A-701-0045 OXY BRAZ C/FINIS	F1	92	6	552	0	0	0
	A-702-0028 MACHINE TOOL OP	F1	54	33	1782	31	33	1023
	A-800-0020 FOOD SERV RETURN	F1	37	44	1628	59	44	2596
	B-322-2115 GAS FREE ENGG PO	F1	32	9	288	0	0	0
	J-061-0603 NAVIG CELES (VTT)	F1	11	40	440	60	40	2400

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TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	J-493-2099 SAF PROG AF (VTT)	F1	32	24	768	0	0	0
	J-500-0025 ADMIN/OP 3M SYS	F1	677	24	16248	0	0	0
	J-500-0025 ADMIN/OP 3M (VTT)	F1	65	24	1560	160	24	3840
	J-500-2040 CIAC	F1	111	40	4440	0	0	0
	K-070-9045 SHBD SEC OR (VTT)	F1	3	40	120	48	40	1920
	L-000-0013 AUX PLOT	F1	28	17	476	48	17	816
	L-000-0026 HYP PLOT/RANG TK	F1	14	5	70	32	5	160
	L-000-0066 GEO PLOTTER/EVAL	F1	20	15	300	32	15	480
	L-000-0067 TB PLOT	F1	30	20	600	48	20	960
	L-121-0044 NUC WEAPS/FINIS	F1	13	23	299	0	0	0
	L-130-0331 SENIOR SONAR/LPO	F1	18	36	648	0	0	0
	L-623-0032 IC EQUIP REFRESH	F1	35	2	70	85	2	170
	L-661-0042 REACTOR PRIN T-9	F1	45	80	3600	54	80	4320
	L-661-0060 PRI VALV OP	F1	97	19	1843	112	19	2128
	L-661-0078 ELT MANAGER	F1	28	40	1120	0	0	0

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TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	P-500-0012 FUNDAMENTALS TQL	F1	336	28	9408	200	28	5600
	P-500-0013 INTRO TQL	F1	413	8	3304	220	8	1760
	P-501-0060 DAPA	F1	112	40	4480	60	40	2400
	R-495-0051 GAS FREE PO	F1	0	0	0	NO INFO		
	A- 2E-0054 DWS/CS BAS/FINIS	F2	7	17	119	0	0	0
	A- 2E-0055 DWS/CS ADV/FINIS	F2	13	8	104	0	0	0
	A- 2F-4624 TRI-1 SMO	F2	50	119	5950	60	119	7140
	A- 2F-4625 TRI-1 SWO WEPS	F2	18	96	1728	12	96	1152
	A- 2F-4626 SUB TACT J/FINIS	F2	4	44	176	0	0	0
	A- 2F-4639 TRI I BASIC WEP	F2	0	0	0	30	60	1800
	A- 2G-0063 SSBN SAS/EAP	F2	85	12	1020	80	12	960
	A- 4C-0014 CMS CUSTODIAN	F2	182	35	6370	198	35	6930
	A- 4C-0031 CMS LOCAL HOLDER	F2	0	0	0	144	24	3456
	A- 4E-0053 MK 48 TORP/FINIS	F2	12	36	432	0	0	0
	A- 4H-0136 TRI SSO	F2	8	17	136	20	17	340

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TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A- 4H-0146 SUB QA SUP/OFF	F2	66	24	1584	60	24	1440
	A- 8B-0046 TRI SUP OFF	F2	6	24	144	6	24	144
	F- 2E-0061 JO SONAR (TRI)	F2	46	100	4600	64	100	6400
	F- 2E-0063 JO WEPS TRI/FBM	F2	41	32	1312	64	32	2048
	F- 5A-0015 TAC OCEAN	F2	35	13	455	12	13	156
	L- 2E-0058 JO DWS/CS	F2	43	20	860	64	20	1280
	L- 2E-0064 JO NAV/COMM/SENS	F2	41	37	1517	64	37	2368
	L- 2E-0066 JO TACTICS (TRI)	F2	37	15	555	64	15	960
	L- 2F-0001 TP-SWO/FINIS	F2	13	160	2080	0	0	0
	L- 2G-0013 COMMAND OOD TRNG	F2	234	4	936	175	4	700
	L- 2G-0604 RULES OF T/FINIS	F2	25	40	1000	0	0	0
	L- 4H-0026 PROS NUC ENG OFF	F2	71	240	17040	70	240	16800
	L- 4H-0027 OP WACHEM RADCON	F2	125	39	4875	100	39	3900
	A-101-0136 SPECOMM CMB MA	G1	12	129	1548	0	0	0
	A-101-0170 TRI ECS VLFVL BM	G1	26	119	3094	20	119	2380

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TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-101-0171 TRI ECS DSS BM	G1	20	54	1080	0	0	0
	A-101-0172 TRI ECS SUPP BM	G1	33	44	1452	20	44	880
	A-101-0173 TRI ECS AN/AIS	G1	34	51	1734	20	51	1020
	A-101-0175 TRI ECS HFUHF BM	G1	29	41	1189	20	41	820
	A-101-0237 SPECOMM CMB MA	G1	0	0	0	20	169	3380
	A-101-0246 TRI ECS ELF COMM	G1	28	16	448	20	16	320
	A-101-0256 TRI ECS FINAL OV	G1	13	11	143	0	0	0
	A-102-0251 AN/UPX-28 CMB MA	G1	16	29	464	9	29	261
	A-102-0252 BPS-15B RADAR	G1	24	38	912	11	38	418
	A-102-0261 8L/15L E&E CMBA	G1	22	20	440	11	20	220
	A-113-0134 CCS MK2 MC	G1	0	0	0	27	190	5130
	A-113-0159 TRI FT BASIC OPS	G1	6	231	1386	2	231	462
	A-123-0158 MK48 BASIC MAINT	G1	21	16	336	0	0	0
	A-123-0178 TRIDENT DWOS O/M	G1	27	46	1242	0	0	0
	A-123-0179 TRIDENT COM O/M	G1	25	48	1200	0	0	0

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			A	B	C	A	B	C
	A-130-0131 BQQ6 PFEC, SAPB	G1	34	33	1122	0	0	0
	A-130-0132 BQQ6 CDC'S	G1	32	44	1408	0	0	0
	A-130-0133 BQQ6 B-H	G1	26	29	754	0	0	0
	A-130-0134 BQQ6 LFPE	G1	26	31	806	0	0	0
	A-130-0135 BQQ6 HFPE	G1	25	16	400	0	0	0
	A-130-0268 TLS ADV MAINT	G1	47	8	376	24	8	192
	A-130-0305 BQQ6 PPC, SSDC	G1	38	35	1330	0	0	0
	A-130-0306 BQQ6 IRP, SAPP, PD	G1	29	47	1363	0	0	0
	A-130-0307 BQQ6 MIU/DSA	G1	31	34	1054	0	0	0
	A-130-0310 AN/WLR-17 ADV	G1	21	43	903	0	0	0
	A-130-0327 TRI DWS/CS BAS M	G1	25	20	500	24	20	480
	A-130-0340 BQQ5 (V3/4) MNT	G1	0	0	0	10	40	4000 (est.) 400
	A-150-0146 UYH-2 DMS INTER	G1	22	30	660	24	30	720
	A-150-0207 CV3325 ADV MAINT	G1	6	56	336	0	0	0
	A-150-0209 OJ 172 ADV MAINT	G1	6	64	384	0	0	0

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TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-150-0220 OJ 172 MAINT INTR	G1	28	23	644	24	23	552
	A-150-0221 CV3325 INT MAINT	G1	25	45	1125	24	45	1080
	A-150-0224 CV3399 TRI ADV M	G1	10	80	800	0	0	0
	A-150-0228 TRI ECS CMT BM	G1	19	171	3249	20	171	3420
	A-150-0257 TRI REV 6.0 CONV	G1	0	0	0	27	54	1458
	A-150-0276 TRIDENT FTG MAIN	G1	11	194	2134	0	0	0
	A-150-0282 UYK-43 MAINT INT	G1	28	62	1736	28	62	1736
	A-150-0289 AN/UYK-20	G1	21	84	1764	24	84	2016
	A-150-0290 OJ-326(V) MAINT	G1	30	41	1230	24	41	984
	A-193-0396 TRI I CNC EQUIP	G1	13	327	4251	12	327	3924
	A-193-0397 TRI I SINS EQUIP	G1	5	368	1840	12	368	4416
	A-193-0398 TRI I AIDS EQUIP	G1	28	300	8400	26	300	7800
	A-193-0399 TRI I NAV S/S	G1	50	50	2500	50	50	2500
	A-623-0083 COM ALM/TM/SAL	G1	15	26	390	20	26	520
	A-623-0084 PRESS/TLI/FLOW	G1	15	37	555	20	37	740

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			A	B	C	A	B	C
	A-623-0085 AT SUP EQ MAI	G1	14	16	224	20	16	320
	A-623-0086 SH CON SYS MAIN	G1	18	68	1224	20	68	1360
	A-623-0087 GYRO MK27 CMB MA	G1	17	13	221	20	13	260
	A-623-0088 INT AN SYS CMB M	G1	14	18	252	20	18	360
	A-623-0093 INT AN SYS ADV M	G1	8	34	272	12	34	408
	A-623-0113 S/D VBAT SCS ADV	G1	1	60	60	12	60	720
	A-623-0114 HOV/MISSCOMP ADV	G1	7	39	273	12	39	468
	A-652-0140 TRI SUB AX EQ OP	G1	31	160	4960	0	0	0
	A-652-0143 TRI HYD CMB MA	G1	48	31	1488	40	31	1240
	A-652-0145 TRI PNEU SUB MAI	G1	63	35	2205	40	35	1400
	A-652-0146 TRI ATM SUP MAIN	G1	35	19	665	40	19	760
	A-652-0204 SUB R-12 CMB MA	G1	61	25	1525	40	25	1000
	A-652-0220 SUB DIE ENG OP	G1	77	27	2079	60	27	1620
	A-652-0228 GM MAINT SKILLS	G1	18	46	828	40	46	1840
	A-652-0265 TRI REFRIG SUPVR	G1	33	17	561	0	0	0

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TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-652-0267 TRI DSL ENG SUPV	G1	26	19	494	0	0	0
	A- 2E-4629 TRI CMD CCS REPL	G2	12	29	348	16	29	464
	A- 2F-0038 TRI SWS CMD REPL	G2	15	105	1575	16	105	1680
	A- 2G-0024 TRI SWS NAV REPL	G2	12	121	1452	12	121	1452
	A- 2G-0035 INTRO TO ECS	G2	25	5	125	46	5	230
	A- 2G-0058 TRI NAV CCS REPL	G2	13	20	260	12	20	240
	A- 2G-0060 TRI EMO	G2	26	5	130	28	5	140
	A- 2G-0062 FBM CMD AND CTRL	G2	40	16	640	80	16	1280
	A- 4H-0127 AUX SYS	G2	14	14	196	16	14	224
	L- 8B-0001 TMMS SUPERVISOR	G2	24	4	96	0	0	0
	A-130-0352 ADV SONAR EMPLOY	T1	0	0	0	30	344	10320
	A-495-2057 SUB DC WET T/T	T1	336	5	1680	800	5	4000
	A-495-2061 SUB F/F TM TRAIN	T1	263	4	1052	0	0	0
	F-100-0016 XMITTER TEAM TRA	T1	134	3	402	228	3	684
	F-130-0113 TSOT	T1	369	11	4059	360	1	360

Naval Station Capacity Analysis Data Call
 UIC: N68436

TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	L-000-0072 BSM SHIP CONT TT	T1	240	2	480	280	2	560
	L-113-0001 TAC WEPS P/FINIS	T1	38	12	456	0	0	0
	L-123-0001 TORP TUBE TM TRN	T1	226	11	2486	300	11	3300
	L-130-0115 DWS TM TRNG	T1	157	1	157	324	1	324
	A- 2G-0100 COMCONEX	T2	301	9	2709	384	9	3456
	L- 2G-0012 PILOTING TEAM TN	T2	790	3	2370	770	3	2310

Naval Station Capacity Analysis Data Call
 UIC: N68436

Parent UIC	CCN	Type Training Facility	Total #	Capacity (PN) ¹	Capacity (Student HRS/YR)
53027	143-46	MARBKS	1	90	280,800
"	179-50	Trng Course	1	8	20,800
53885	171-10	Acad Inst	26	934	1,882,944
63402	171-10	Acad Inst	1	18	29,952
"	212-30	Inert Comp	1	25	2,600
"	740-26	Install Rst	2	116	140,640
68436	179-40	Sm Arms Range	2	19	62,434
"	610-10	Admin Office	3	40	86,640
"	730-20	Police Stn	2	50	102,040
"	730-84	Rel Ed Bldg	7	159	49,608
"	740-25	Fam Svc Ctr	2	40	158,240
"	740-37	Spec Svcs	1	40	196,080
"	740-60	Consol Mess Op	2	684	682,968
"	740-88	Ed Svcs Off	14	427	2,106,398
68438	213-30	SIMA	5	282	615,168
68571	171-20A	NCBU	1	50	100,800

¹Personnel Capacity is the total number of seats available for students in spaces used instruction based on the current configuration and use of the facilities.

Individual training facilities vary in capacity within parent UICs and are available within a range of 4-16 hours a day for a range of 52-363 days a year.

Naval Station Capacity Analysis Data Call
 UIC: N68436

CCN: 171-20

TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
ALL FACILITIES FOR THIS LISTING ARE LABORATORIES	A-495-2039 BASIC SUB DC	AP	0	0	0	600	17	10200
	A-012-0011 INSTRUCTOR TRAINING	C1	196	92	18032	201	92	18492
	A-101-0168 TRI ECS RPL LVL1	C1	33	270	8910	0	0	0
	A-101-0232 TRI ECS LV/FINIS	C1	15	93	1395	0	0	0
	A-101-0287 TRI ECS REV 5.3 DIFF	C1	0	0	0	24	30	720
	A-101-0726 TRIDENT ECS OPR	C1	0	0	0	21	540	11340
	A-101-0727 TRI ECS MAINT	C1	0	0	0	20	632	12640
	A-113-0141 CCS MK 2/3 CM	C1	0	0	0	2	256	512
	A-121-0560 TRI1 MT REPL	C1	91	440	40040	96	440	42240
	A-121-0561 TRI I MT CONVER	C1	24	100	2400	28	100	2800
	A-121-0562 FTB TO MT CONVER	C1	28	93	2604	28	93	2604
	A-130-0126 BQQ6 O/M LEVEL 1	C1	32	56	1792	0	0	0
	A-130-0227 TRI DWS LE/FINIS	C1	7	179	1253	0	0	0

Naval Station Capacity Analysis Data Call
 UIC: N68436

TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-130-0344 Q5EV4 CON MA CON	C1	0	0	0	24	120	2880
	A-130-0353 TRI STS COM MA	C1	0	0	0	36	400	14400
	A-130-0355 BQQ5 (V3/4) CONSOL	C1	0	0	0	12	624	7488
	A-150-0259 CCS MK2 MOD 3 CON	C1	0	0	0	27	280	7560
	A-193-0375 TRI COM NAV CON	C1	0	0	0	18	235	4230
	A-193-0376 TRI COM NAV CON	C1	0	0	0	18	288	5184
	A-531-0020 SNAP II SUB SSC	C1	13	30	390	15	30	450
	A-623-0039 6L16 ELEC TECH	C1	39	62	2418	16	62	992
	A-623-0080 TRI SH CON/LEV1	C1	29	47	1363	12	47	564
	A-652-0050 O2 GEN 6L16 OP	C1	68	63	4284	54	63	3402
	A-652-0150 SUB DIE ENG MAIN	C1	68	45	3060	89	45	4005
	F-191-0010 ETMS	C1	44	81	3564	33	81	2673
	J-500-0029 3-M COORDINATOR	C1	30	40	1200	20	40	800
	A-012-0051 C D TMDS PPP/TPS	D1	62	41	2542	42	41	1722

Naval Station Capacity Analysis Data Call
 UIC: N68436

TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	P-500-0034 NLDP LPO	D1	647	25	16175	646	25	16150
	P-500-0036 NLDP CPO	D1	203	247	50141	320	247	79040
	A-012-0023 SB/WC INSTR INDOC	F1	213	25	5325	72	25	1800
	A-061-0020 PILOT ADV NAV	F1	17	10	170	16	10	160
	A-061-0021 VOY PLAN ADV NAV	F1	18	11	198	16	11	176
	A-061-0022 CELEST ADV NAV	F1	13	24	312	16	24	384
	A-100-0077 ESD	F1	24	4	96	0	0	0
	A-101-0284 TRI ECS DIFF TRA	F1	0	0	0	24	24	576
	A-101-0285 EHF BASIC MA	F1	0	0	0	24	96	2304
	A-101-0286 PETT	F1	0	0	0	24	100	2400
	A-113-0160 MASTER FT OPERATOR	F1	0	0	0	24	120	2880
	A-113-0163 MK6 DDRT	F1	0	0	0	12	24	288
	A-121-0321 C-4 MSL ADV C/O	F1	10	38	380	12	38	456
	A-121-0428 MDF TH/ELEC MK98	F1	16	54	864	18	54	972

Naval Station Capacity Analysis Data Call
 UIC: N68436

TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-121-0429 MDF TH/MECH MK98	F1	16	48	768	18	48	864
	A-121-0431 FCS 98 ADV D OPS	F1	22	32	704	13	32	416
	A-121-0433 TMPS TH/MT-EA	F1	20	18	360	12	18	216
	A-121-0436 FCS 98 ADV MAINT	F1	17	42	714	20	42	840
	A-121-0452 LCG MK13/0 A CTY	F1	22	32	704	24	32	768
	A-121-0456 LTG 14/0 ADV MAI	F1	27	6	162	30	6	180
	A-121-0457 LTG 14/0 SUPP GR	F1	31	18	558	24	18	432
	A-121-0469 LCHR CON/MON EQP	F1	32	38	1216	25	38	950
	A-121-0470 MSL TB SUP EQUIP	F1	26	32	832	21	32	672
	A-121-0472 MTRE 6-4 ADV MA	F1	23	20	460	24	20	480
	A-121-0492 MTRE 7/4 ADVANCE	F1	16	64	1024	24	64	1536
	A-121-0514 MK98 ADV PWR	F1	24	18	432	12	18	216
	A-121-0517 MK98 OAG ADV TH	F1	19	20	380	13	20	260
	A-121-0550 MSDS ADV MAINTEN	F1	11	21	231	30	21	630

Naval Station Capacity Analysis Data Call
 UIC: N68436

TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-121-0556 SWS SPEC PRO RPR	F1	0	0	0	48	20	960
	A-130-0020 SSSA	F1	51	80	4080	0	0	0
	A-130-0187 BQQ6 SONAR SUP	F1	31	58	1798	0	0	0
	A-130-0236 NSDTC CMB MAINT	F1	20	12	240	8	12	96
	A-130-0319 ACOUST ANALYSIS	F1	48	41	1968	0	0	0
	A-130-0321 BQQ-9/BQR-15 OPS	F1	23	32	736	1	32	32
	A-130-0322 BQQ-9/BQR-15 MAI	F1	22	81	1782	1	81	81
	A-130-0323 TRIDENT SON ADV	F1	35	72	2520	0	0	0
	A-130-0337 AN/BQR-22	F1	30	55	1650	0	0	0
	A-130-0343 Q5EV 3/4 BA OP	F1	0	0	0	36	60	2160
	A-150-0299 TRIDENT DPS TEAM	F1	9	40	360	224	40	8960
	A-193-0253 A/D CONV ADV TRA	F1	10	24	240	0	0	0
	A-193-0266 SINS TYPEWRITER	F1	12	35	420	0	0	0
	A-193-0288 MARDAN T/M 1	F1	16	35	560	0	0	0

Naval Station Capacity Analysis Data Call
 UIC: N68436

TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-193-0289 MARDAN T/M 2	F1	19	32	608	0	0	0
	A-193-0320 SINS 2-6/7 CAL	F1	16	23	368	0	0	0
	A-193-0321 SINS 2-6/7 T/M 1	F1	10	38	380	0	0	0
	A-193-0322 SINS 2-6/7 T/M 2	F1	13	32	416	0	0	0
	A-193-0324 MSR 3-3/4 MAINT	F1	9	11	99	0	0	0
	A-193-0329 AN/BQN-3J MAINT	F1	17	45	765	0	0	0
	A-193-0330 ESGM T/M	F1	13	45	585	0	0	0
	A-193-0331 ESGM CAL	F1	14	20	280	0	0	0
	A-193-0335 ESGM DPIB	F1	17	36	612	0	0	0
	A-193-0336 PROCESSOR 1	F1	9	42	378	0	0	0
	A-193-0337 PROCESSOR 2	F1	8	40	320	0	0	0
	A-193-0338 I/O CONTROLLER	F1	7	38	266	0	0	0
	A-193-0039 D/D CONVRTR MAINT	F1	12	41	492	0	0	0
	A-193-0341 MTU MAINTENANCE	F1	10	36	360	0	0	0

Naval Station Capacity Analysis Data Call
 UIC: N68436

TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-193-0342 NCC MK3 MAINT	F1	8	32	265 256	0	0	0
	A-193-0345 NAV S/S THEORY	F1	31	20	620	0	0	0
	A-193-0361 FLT PNL DSPLY MA	F1	16	38	608	0	0	0
	A-193-0362 EM LOG MAINT	F1	24	18	432	16	18	288
	A-193-0389 ESGN ADV MNT I	F1	0	0	0	20	28	560
	A-193-0390 ESGN ADV MNT II	F1	0	0	0	20	41	820
	A-198-0054 BETE	F1	88	25	2200	64	25	1600
	A-210-0017 STRBORN VIB MON	F1	0	0	0	12	27	324
	A-210-0025 SHIP SIL TM ANALY	F1	59	48	2832	80	48	3840
	A-233-0027 WLR-8(V) BAS OP	F1	27	50	1350	25	50	1250
	A-233-0058 AN/WLR-8 OP EMPL	F1	156	30	4680	105	30	3150
	A-233-0092 BPS-16 RADAR C/M	F1	0	0	0	24	80	1920
	A-495-2054 SUB DCPO TRAIN	F1	0	0	0	96	8	768
	A-495-2056 SUB DAMAGE CONT	F1	351	17	5967	0	0	0

Naval Station Capacity Analysis Data Call
 UIC: N68436

TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-551-0089 SUB LEADING SK	F1	3	26	78	15	26	390
	A-551-0090 SUB JUNIOR SK	F1	20	19	380	18	19	342
	A-551-0091 SUB RPPO INDOC	F1	274	31	8494	240	31	7440
	A-551-0095 SUB RPPO SNAP II	F1	6	17	102	50	17	850
	A-651-0102 TRI STM COMP MN	F1	19	18	342	32	18	576
	A-652-0147 OK-276 T/A MAINT	F1	31	26	806	0	0	0
	A-652-0149 TRI ANT HAND	F1	3	23	69	0	0	0
	A-652-0201 3K GPD COMB MNT	F1	42	21	882	32	31	992
	A-652-0202 12K GPD COMB MNT	F1	50	24	1200	40	24	960
	A-652-0205 R114 200TON A/C	F1	54	51	2754	32	51	1632
	A-652-0238 TRIDENT ELEC GOV	F1	41	18	738	22	18	396
	A-652-0240 SHIPBD GAGE CAL	F1	157	16	2512	192	16	3072
	A-652-0341 T HPAC/LPAC OPER	F1	0	0	0	20	20	400 (est.)
	A-652-0342 T P&V CMB MA	F1	0	0	0	20	20	400 (est.)

Naval Station Capacity Analysis Data Call
 UIC: N68436

TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-652-0343 T HPAC/LPAC ADV	F1	0	0	0	20	20	400 (est.)
	A-661-0106 NPP REFTRA	F1	15	8	120	0	0	0
	A-662-0102 500KWMG MECH MNT	F1	29	52	1508	29	52	1508
	A-662-0108 CKT BKRS & CONTR	F1	20	20	400	24	20	480
	A-662-0125 500KWMG ELEC MNT	F1	29	35	1015	32	35	1120
	A-662-0129 PROP CONTROLLERS	F1	40	47	1880	11	47	517
	A-662-0132 400 HZ MG MAINT	F1	38	12	456	28	12	336
	A-662-0140 ADV SUB BATTERY	F1	31	5	155	38	5	190
	A-662-0145 SOLID STATE SOLD	F1	67	24	1608	32	24	768
	A-701-0031 NPPO WELD REQUAL	F1	52	74	3848	54	74	3996
	A-701-0045 OXY BRAZ C/FINIS	F1	92	34	3128	0	0	0
	A-702-0028 MACHINE TOOL OP	F1	54	87	4698	31	87	2697
	A-800-0020 FOOD SERV RETURN	F1	37	36	1332	59	36	2124

Naval Station Capacity Analysis Data Call

UIC: N68436

TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	B-322-2115 GAS FREE ENGG PO	F1	32	31	992	0	0	0
	L-000-0013 AUX PLOT	F1	28	15	420	48	15	720
	L-000-0026 HYP PLOT/RANG TK	F1	14	3	42	32	3	96
	L-000-0066 GEO PLOTTER/EVAL	F1	20	17	340	32	17	544
	L-000-0067 TB PLOT	F1	30	20	600	48	20	960
	L-130-0331 SENIOR SONAR/LPO	F1	18	4	72	0	0	0
	L-623-0032 IC EQUIP REFRESH	F1	35	6	210	85	6	510
	L-652-0144 AUX EQUIP REFLAB	F1	584	8	4672	60	8	480
	L-661-0044 SEC CHEM TM TR	F1	136	8	1088	225	8	1800
	L-661-0045 REAC CON EQ/MISC	F1	34	8	272	100	8	800
	L-661-0049 PRI CHEM TRNG	F1	146	8	1168	255	8	2040
	L-661-0050 MACH EQUIP REFRE	F1	304	8	2432	410	8	3280
	L-661-0052 PRI VALVE MAINT	F1	626	8	5008	725	8	5800

Naval Station Capacity Analysis Data Call
 UIC: N68436

TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	L-661-0053 REAC CON EQP/NID	F1	106	8	848	140	8	1120
	L-661-0060 PRI VALV OP	F1	97	5	485	112	5	560
	L-661-0071 REAC CON EQP/RCS	F1	172	8	1376	125	8	1000
	L-661-0072 REAC CON EQP/CRD	F1	16	8	128	40	8	320
	L-661-0073 REAC CON EQP/SGW	F1	159	8	1272	135	8	1080
	L-661-0074 REAC CON EQP/PPI	F1	208	8	1664	120	8	960
	L-661-0075 REAC CON EQP/P A	F1	5	8	40	40	8	320
	F-701-0034 READ SP TM TRNG	F1	563	8	4504	800	8	6400
	L-662-0020 EM EQ REFRESHLAB	F1	556	8	4448	375	8	3000
	P-501-0060 DAPA	F1	112	8	896	60	8	480
	R-495-0051 GAS FREE PO	F1	0	0	0	NO INFO		
	A- 2E-0054 DWS/CS BAS/FINIS	F2	7	47	329	0	0	0
	A- 2E-0055 DWS/CS ADV/FINIS	F2	13	32	416	0	0	0

Naval Station Capacity Analysis Data Call
 UIC: N68436

TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A- 2F-4624 TRI-1 SMO	F2	50	65	3250	60	65	3900
	A- 2F-4625 TRI-1 SWO WEPS	F2	18	29	522	12	29	348
	A- 2F-4626 SUB TACT J/FINIS	F2	4	38	152	0	0	0
	A- 2F-4639 TRI I BASIC WEP	F2	0	0	0	30	60	1800
	A- 2G-0063 SSBN SAS/EAP	F2	85	12	1020	80	12	960
	A- 4C-0014 CMS CUSTODIAN	F2	182	5	910	198	5	990
	A- 4E-0053 MK 48 TORP/FINIS	F2	12	3	36	12	3	36
	A- 4H-0136 TRI SSO	F2	8	22	176	20	22	440
	F- 2E-0061 JO SONAR (TRI)	F2	46	40	1840	64	40	2560
	F- 5A-0015 TAC OCEAN	F2	35	3	105	0	0	0
	L- 2E-0058 JO DWS/CS	F2	43	20	860	64	20	1280
	L- 2E-0066 JO TACTICS (TRI)	F2	37	25	925	64	25	1600
	F- 2G-0013 COMMAND OOD TRNG	F2	234	20	4680	175	20	3500
	L- 4H-0027 OP WACHEM RADCON	F2	125	41	5125	100	41	4100

Naval Station Capacity Analysis Data Call

UIC: N68436

TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-101-0136 SPECOMM CMB MA	G1	12	111	1332	0	0	0
	A-101-0170 TRI ECS VLFVL BM	G1	26	201	5226	20	201	4020
	A-101-0171 TRI ECS DSS BM	G1	20	82	1640	0	0	0
	A-101-0172 TRI ECS SUPP BM	G1	33	76	2508	20	76	1520
	A-101-0173 TRI ECS AN/AIS	G1	34	109	3706	20	109	2180
	A-101-0175 TRI ECS HFUHF BM	G1	29	79	2291	20	79	1580
	A-101-0237 SPECOMM CMB MA	G1	0	0	0	20	159	3180
	A-101-0246 TRI ECS ELF COMM	G1	28	24	672	20	24	480
	A-101-0256 TRI ECS FINAL OV	G1	13	109	1417	0	0	0
	A-102-0251 AN/UPX-28 CMB MA	G1	16	35	560	9	35	315
	A-102-0252 BPS-15B RADAR	G1	24	82	1968	11	82	902
	A-102-0261 8L/15L E&E CMBA	G1	22	28	616	11	28	308
	A-113-0134 CCS MK2 MC	G1	0	0	0	27	250	6750
	A-113-0159 TRI FT BASIC OPS	G1	6	202	1212	2	202	404
	A-123-0158 MK48 BASIC MAINT	G1	21	46	966	0	0	0

Naval Station Capacity Analysis Data Call
 UIC: N68436

TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-123-0178 TRIDENT DWOS O/M	G1	27	133	3591	12	133	1596
	A-123-0179 TRIDENT COM O/M	G1	25	160	4000	0	0	0
	A-130-0131 BQQ6 PFEC, SAPB	G1	34	36	1224	0	0	0
	A-130-0132 BQQ6 CDC'S	G1	32	50	1600	0	0	0
	A-130-0133 BQQ6 B-H	G1	26	11	286	0	0	0
	A-130-0134 BQQ6 LFPE	G1	26	49	1274	0	0	0
	A-130-0135 BQQ6 HFPE	G1	25	16	400	0	0	0
	A-130-0268 TLS ADV MAINT	G1	47	15	705	24	15	360
	A-130-0305 BQQ6 PPC, SSDC	G1	38	25	1330 950	0	0	0
	A-130-0306 BQQ6 IRP, SAPP, PD	G1	29	41	1189	0	0	0
	A-130-0307 BQQ6 MIU/DSA	G1	31	30	930	0	0	0
	A-130-0310 AN/WLR-17 ADV	G1	21	29	609	0	0	0
	A-130-0327 TRI DWS/CS BAS M	G1	25	88	2200	24	88	2122 2112

Naval Station Capacity Analysis Data Call
 UIC: N68436

TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-130-0340 BQQ5 (V3/4) MNT	G1	0	0	0	10	400	4000 (est.)
	A-150-0146 UYH-2 DMS INTER	G1	22	34	748	24	34	816
	A-150-0207 CV3325 ADV MAINT	G1	6	70	420	0	0	0
	A-150-0209 OJ 172 ADV MAINT	G1	6	48	288	0	0	0
	A-150-0220 OJ 172 MAINT INTR	G1	28	25	700	24	25	600
	A-150-0221 CV3325 INT MAINT	G1	25	38	950	24	38	912
	A-150-0224 CV3399 TRI ADV M	G1	10	96	960	0	0	0
	A-150-0228 TRI ECS CMT BM	G1	19	349	6631	20	349	6980
	A-150-0257 TRI REV 6.0 CONV	G1	0	0	0	27	104	2808
	A-150-0276 TRIDENT FTG MAIN	G1	11	252	2772	0	0	0
	A-150-0282 UYK-43 MAINT INT	G1	28	18	504	28	18	504
	A-150-0289 AN/UYK-20	G1	21	44	924	24	44	1056
	A-150-0290 OJ-326(V) MAINT	G1	30	66	1980	24	66	1584
	A-150-0294 TRIDENT DPS O&M	G1	19	62	1178	24	62	1488

Naval Station Capacity Analysis Data Call
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TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-193-0396 TRI I CNC EQUIP	G1	13	249	3237	12	249	2988
	A-193-0397 TRI I SINS EQUIP	G1	5	264	1320	12	264	3168
	A-193-0398 TRI I AIDS EQUIP	G1	28	178	4984	26	178	4628
	A-193-0399 TRI I NAV S/S	G1	50	73	3650	50	73	3650
	A-623-0083 COM ALM/TM/SAL	G1	15	30	450	20	30	600
	A-623-0084 PRESS/TLI/FLOW	G1	15	40	600	20	40	800
	A-623-0085 AT SUP EQ MAI	G1	14	32	448	20	32	640
	A-623-0086 SH CON SYS MAIN	G1	18	92	1656	20	92	1840
	A-623-0087 GYRO MK27 CMB MA	G1	17	20	340	20	20	400
	A-623-0088 INT AN SYS CMB M	G1	14	6	84	20	6	120
	A-623-0093 INT AN SYS ADV M	G1	8	62	496	12	62	744
	A-623-0113 S/D VBAT SCS ADV	G1	1	84	84	12	84	1008
	A-623-0114 HOV/MISSCOMP ADV	G1	7	64	448	12	64	768
	A-652-0140 TRI SUB AX EQ OP	G1	31	88	2728	0	0	0

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TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A-652-0143 TRI HYD CMB MA	G1	48	49	2352	40	49	1960
	A-652-0145 TRI PNEU SUB MAI	G1	63	45	2835	40	45	1800
	A-652-0146 TRI ATM SUP MAIN	G1	35	21	735	40	21	840
	A-652-0204 SUB R-12 CMB MA	G1	61	15	915	40	15	600
	A-652-0220 SUB DIE ENG OP	G1	77	13	1001	60	13	780
	A-652-0228 GM MAINT SKILLS	G1	18	34	612	40	34	1360
	A-652-0265 TRI REFRIG SUPVR	G1	33	23	759	0	0	0
	A-652-0267 TRI DSL ENG SUPV	G1	26	29	754	0	0	0
	A- 2E-4629 TRI CMD CCS REPL	G2	12	27	324	16	27	432
	A- 2F-0038 TRI SWS CMD REPL	G2	15	31	465	16	31	496
	A- 2G-0024 TRI SWS NAV REPL	G2	12	47	564	12	47	564
	A- 2G-0035 INTRO TO ECS	G2	25	3	75	46	3	138
	A- 2G-0058 TRI NAV CCS REPL	G2	13	20	260	12	20	240
	A- 2G-0060 TRI EMO	G2	26	3	78	28	3	84
	A- 2G-0062 FBM CMD AND CTRL	G2	40	6	240	28	6	168

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TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	A- 4H-0127 AUX SYS	G2	14	10	140	16	10	160
	A-101-0229 BSC-1 TEAM TRA	T1	190	40	7600	168	40	6720
	A-113-0164 CCS TRAINER	T1	0	0	0	48	4	192
	A-113-0165 TACTICAL PLOTS	T1	0	0	0	48	4	192
	A-113-0166 SUB TACTICAL LET	T1	0	0	0	300	8	2400 (est.)
	A-123-0206 WEAPONS TT	T1	0	0	0	800	40	32000 (est.)
	A-130-0352 ADV SONAR EMPLOY	T1	0	0	0	30	616	18480
	A-130-0361 ACOUSTIC TRAINER	T1	0	0	0	24	4	96
	A-233-0115 ESM TT	T1	0	0	0	100	40	4000
	A-495-2057 SUB DC WET T/T	T1	336	3	1008	800	3	2400
	A-495-2061 SUB F/F TM TRAIN	T1	263	4	1052	0	0	0
	F-000-0020 TAC REF TRA	T1	0	0	0	100	8	800 (est.)
	F-000-0073 SHIP CONT REF TR	T1	1332	40	53280	720	40	28800
	F-000-0076 STRAT NAV T/T	T1	0	0	0	360	30	10800

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TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
	F-100-0016 XMITTER TEAM TRA	T1	134	5	670	228	5	1140
	F-130-0113 TSOT	T1	369	39	14391	360	39	14040
	L-000-0072 BSM SHIP CONT TT	T1	240	10	2400	280	100	2800
	L-113-0001 TAC WEPS P/FINIS	T1	38	28	1064	0	0	0
	L-121-0028 TRI WEA SUBSY OP	T1	1617	40	64680	768	40	30720
	L-123-0001 TORP TUBE TM TRN	T1	226	29	6554	300	29	8700
	L-130-0114 PLOT TEAM TRNG	T1	218	12	2616	0	0	0
	L-130-0115 DWS TM TRNG	T1	157	19	2983	324	19	6156
	L-130-0117 STTT	T1	736	40	29440	1000	40	40000
	L-193-0024 NAV S/S LAB	T1	397	40	15880	320	40	12800
	A- 2G-0100 COMCONEX	T2	301	14	4214	384	14	5376
	L- 2G-0012 PILOTING TEAM TN	T2	790	27	21330	770	27	20790

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CCN 179-45

TYPE OF TRAINING FACILITY	CIN/ COURSE TITLE	TYPE OF TRAINING	FY 1993 REQUIREMENTS			FY 2001 REQUIREMENTS		
			A	B	C	A	B	C
Mockup Trainer	A-495-2071 SUB BASIC F/F	AP	0	0	0	480	8	3840
Mockup Trainer	A-495-2072 SUB ADVANCED F/F	F1	0	0	0	488	8	3904
Mockup Trainer	A-495-2073 SUB F/F 21C12 TM	T1	0	0	0	700	3	2100

ASSUMPTIONS FOR CCN'S 171-10, 171-20, AND 179-45

1. Totals are based upon the Master Course Reference File (MCRF) of the Navy Integrated Training Resources and Administrative System (NITRAS).

2. FY 2001 new courses are estimated "throughput" and length for both 171-10 and 171-20.

3. Type Training:

AP = Enlisted Preparatory Schools

C1 = Skill Progression - Enlisted NEC

C2 = Skill Progression - Officer Billet Specialty

D1 = Professional Development Functional Skill Training - Enlisted

F1 = Functional Training - Enlisted

F2 = Functional Training - Officer

G1 = Pipeline Skill Progression Training - Enlisted

G2 = Pipeline Skill Progression Training - Officer

T1 = Team Functional Skill Training - Enlisted

T2 = Team Functional Skill Training - Officer

Naval Station Capacity Analysis Data Call

UIC: N68436

23.c. Assuming that the training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity (in student hours) could be gained? Provide details and assumptions for all calculations.

(1) CCN 171-10: We could increase our capacity (in student hours) by 4,270,976 hours by teaching 3 shifts per day in those classrooms that are currently only used for 1 shift per day.

(2) CCN 171-20: We could increase our capacity (in student hours) by 1,413,248 hours by teaching 2 shifts per day in those labs that are currently only used for 1 shift per day.

(3) CCN 179-45: We could increase our capacity (in student hours) by 46,848 hours by teaching 2 shifts per day.

23.d. Assume all planned MILCON in Presidential Budget 1995 through FY 1997 and BRACON is completed as scheduled. What additional training capacity will be gained? Provide cost and details of all additional capacity calculations.

No MILCONs are currently approved or planned that would increase training capacity.

Naval Reserve Center; Parent UIC, 63533; CCN, 171-15; Type, Reserve Training Building; total #, 5 classrooms; capacity PN, 159; capacity student hours/hr, 380,328; calculation based on 8 hours a day, 299 days a year.

23.e. What additional unfunded MILCON requirements could be added to increase training capacity? Provide the estimated cost and capacity gained and the basis of the values.

No unfunded MILCONs are currently approved or planned that would increase training capacity.

TYCOM NOTE: NAVTRAPAC HAS SUBMITTED MILCON PROJECT P-206, FIRE FIGHTING/DAMAGE CONTROL TRAINING FACILITY AT SUBBASE BANGOR, FOR PROGRAMMING IN FY98. THIS PROJECT WOULD PROVIDE \$15M 37K SQUARE FOOT FFT/DC TRAINING TO SURFACE AND AVIATION PERSONNEL STATIONED IN THE NORTHWEST. STUDENT THROUGHPUT CAPACITY IS NOT PROVIDED ON THE PROJECT DOCUMENTATION.

23.f. List and explain the limiting factors that further funding for personnel, equipment, facilities, etc. cannot overcome.

None.

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

Table 24.1

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BOQ (2750)	66	66	66					
CWO-O2	36	36	36	260/ 9,360				
O3-O10	30	30	30	475/ 14250				
BEQ (2201- 2309)	1531	592	1531					
E1-E4	1095	365	1095	90/ 98,550				
E5-E6	394	197	394	135/ 53,190				
E7-E9	42*	30	42*	270/ 11,340				
VIP COTTAGE (4189)	1	1	1	700				
O6-O10	1	1	1	700				

* CPOs WHO SHARE A ROOM ARE CLASSIFIED AS GEOGRAPHICAL BACHELORS. NO PERMANENT OR TRANSIENT CPO SHARES A ROOM WITH ANOTHER PERSON.

TYCOM NOTE: TOTAL NET SQUARE FOOTAGE FOR EACH BQ PROVIDED IN BOLD ADJACENT TO STATION INPUT WHICH PROVIDES NET SQUARE FOOTAGE PER ROOM. ALL ROOMS WITHIN EACH CATEGORY HAVE THE SAME LAYOUT.

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

- A. FACILITY TYPE/CODE:
- B. WHAT MAKES IT INADEQUATE?
- C. WHAT USE IS BEING MADE OF THE FACILITY?
- D. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- E. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- F. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- G. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

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

Table 24.2

Facility Type, Bldg. # & CCN	Total No. of Beds	Total No. of Rooms	Adequate		Substandard		Inadequate	
			Beds	Sq Ft	Beds	Sq Ft	Beds	Sq Ft
BOQ (2750)	66	66						
CWO-O2	36	36	36	9,360			36	260
O3-O10	30	30	30	475/ 14,250				
BEQ (2201- 2309)	957	592	927					
E1-E4	730	365	730	135/ 98,550				
E5-E6	197	197	197	180/ 35,460				
E7-E9	30	30	30	8,100			30	270
VIP COTTAGE (4189)	1	1	1	700				
O6-O10	1	1	1	700				

24.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:

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TYCOM NOTE: STATION LISTED BOQ ROOMS FOR CWO2-O2 AND BEQ ROOMS FOR E7-E9 AS INADEQUATE BECAUSE OF SQUARE FOOTAGE DEFICIENCIES (<360 SF). PER DISCUSSION WITH CPF BQ OFFICER (N4643) ON 06 MAY 94, THE 360 SF REQUIREMENT ONLY APPLIES TO NEW CONSTRUCTION AND THE TABLE ABOVE SHOULD BE ADJUSTED TO SHOW ALL ROOMS AS ADEQUATE. ADDITIONALLY, THE STATION PROVIDED THE NET SQUARE FOOTAGE PER ROOM, AND NOT TOTAL NET SQUARE FOOTAGE FOR EACH BUILDING. ADJUSTMENTS TO THE TABLE ARE SHOWN IN BOLD. RECOMMEND DELETE ALL STATION NOTES PROVIDED BELOW.

BOQ INFORMATION (CWO-02)

A. FACILITY TYPE/CODE:
BOQ/C

B. WHAT MAKES IT INADEQUATE?
1997 STANDARDS FOR CWO-O2 OF 360 SQFT/PERSON. ROOMS ARE CURRENTLY 260 SQFT.

C. WHAT USE IS BEING MADE OF THE FACILITY?
BACHELOR OFFICER HOUSING

D. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
UNKNOWN

E. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST? CONNECT ROOMS AND CREATE SUITES - COST UNKNOWN.

F. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
NONE

G. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP? NO

BEQ INADEQUACY INFORMATION (E7-E9)

A. FACILITY TYPE/CODE:
BEQ/P AND T

B. WHAT MAKES IT INADEQUATE?
1997 REQUIREMENTS PROVIDE CPOs WITH 360 SQFT. CURRENT ROOMS ARE 270 SQFT.

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C. WHAT USE IS BEING MADE OF THE FACILITY?
 BERTHING FOR ENLISTED PERSONNEL (TRANSIENT AND PERMANENT).

D. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
 UNKNOWN.

E. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
 ADDITIONAL E6 AND BELOW BERTHING - NO COST.

F. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
 NONE.

G. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR
 BASEREP?
 NO.

25.a. Provide data on the **messing facilities** assigned to your current plant account.

Table 25.1

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
Messing 722-10 B 2101	15420	248	15420					400
Messing 722-10 B7204 Note 1	4176	136	4176					129

*Note (1) as provided by the station on 24 May 94 should read **This mess is used only for TRIDENT submarine crews during refit. Otherwise the mess is closed**".*

Change
 N4644-
 CPF
 MAY 94

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

- A. FACILITY TYPE/CODE:
- B. WHAT MAKES IT INADEQUATE?
- C. WHAT USE IS BEING MADE OF THE FACILITY?
- D. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- E. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- F. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- G. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

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

Table 25.2

Facility Type, CCN and Bldg. #	Total Sq. Ft.	Adequate		Substandard		Inadequate		Avg # Noon Meals Served
		Seats	Sq Ft	Seats	Sq Ft	Seats	Sq Ft	
SEE TYCOM NOTE BELOW								

TYCOM NOTE: MESSING FACILITY CAPACITY FOR FY97 WILL BE THE SAME AS PRESENT.

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25.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:

- A. FACILITY TYPE/CODE:
- B. WHAT MAKES IT INADEQUATE?
- C. WHAT USE IS BEING MADE OF THE FACILITY?
- D. WHAT IS THE COST TO UPGRADE THE FACILITY TO SUBSTANDARD?
- E. WHAT OTHER USE COULD BE MADE OF THE FACILITY AND AT WHAT COST?
- F. CURRENT IMPROVEMENT PLANS AND PROGRAMMED FUNDING:
- G. HAS THIS FACILITY CONDITION RESULTED IN C3 OR C4 DESIGNATION ON YOUR BASEREP?

26. For military **married family housing assigned to your plant account** provide the following information:

Table 26.1

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate	Number Substandard	Number Inadequate
Officer	4+	27	27	0	0
Officer	3	37	37	0	0
Officer	1 or 2	35	35	0	0
Enlisted	4+	72	72	0	0
Enlisted	3	254	254	0	0
Enlisted	1 or 2	402	402	0	0
Mobile Homes		0	0	0	0
Mobile Home lots		0	0	0	0

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 describe why the housing is inadequate; indicate how the housing is being used and list other possible uses; and specify the costs to remove the deficiencies that make it inadequate. Indicate current plans to remove these deficiencies and the amount of any programmed funds.

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TYCOM NOTE: NUMBERS PROVIDED IN TABLE 26.1 DO NOT REFLECT THE FOLLOWING PROGRAMMED MILCON:

H-221 290 UNITS FY94
 H-252/281 400 UNITS FY94
 P-404T 352 UNITS FY95 BRAC-93 PROJECT
TOTAL 1042 UNITS

170 OF THESE UNITS WILL BE DESIGNATED FOR OTHER COMMANDS, RESULTING IN 872 ADDITIONAL UNITS AT SUBASE BANGOR.

27. For personnel assigned to your base and tenant activities who live in **government quarters other than yours**, indicate the plant account holder UIC for their quarters.

NAVSHIPYD PUGET - UIC 00251
 NAVUWARCEN KEYPORT - UIC 00253

28. Provide the following information on **base infrastructure** capacity and load.

Table 28.1

	On Base Capacity	Off base long term contract	Normal Steady State Load	Peak Demand
Electrical Supply (KW)	130000 KW	0	23000 KW	33000 KW
Natural Gas (CFH)	83,300 CFH	0	40,400 CFH	50,000 CFH
Sewage (GPD)	1.5 MGPD		.8 MGPD	1.2 MGPD
Potable Water (GPD)	2.0 MGPD	1.6 KGPD	1.16 MGPD	1.5 MGPD
Steam (PSI & lbm/Hr)	@ 100#/120 K# PH	0	@ 100#/23 K# PH	@ 100#/39 K# PH
Long Term Parking	75	0	60	68
Short Term Parking	6310	0	5047	5880

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29. Provide the maintenance, repair, and equipment expenditure data indicated in the following table for FYs 1985 - 1997

Table 29.1

Activity:

UIC:

Fiscal Year	MRP (\$) ¹	CPV (\$) ²	ACE (\$) ³
FY1985	UNAVAILABLE	510,871K	UNKNOWN
FY1986	8,150K	520,931K	UNKNOWN
FY1987	6,596K	528,408K	UNKNOWN
FY1988	5,859K	572,578K	201,357
FY1989	6,942K	594,969K	199,783
FY1990	6,276K	609,084K	58,304
FY1991	9,880K	553,051K*	21,117
FY1992	8,324K	569,195K	16,000
FY1993	6,562K	591,877K	45,736
FY1994	5,139K/5,763K	596,753K+	46,455
FY1995	6,324K/5,803K	620,365K+	UNKNOWN
FY1996	7,924K/6,740K	686,365+	UNKNOWN
FY1997	6,927K/6,006K	725,365K+	UNKNOWN

¹ **MRP: Maintenance of Real Property Dollars** is a budgetary term used to gather the expenses or budget requirements for facility work including recurring maintenance, major repairs, and minor construction (non-MILCON). 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.

² **CPV: Current Plant Value** of Class 2 Real Property is 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.

³ **ACE: Acquisition Cost of Equipment** is the total cumulative acquisition cost of all "personal Property" equipment 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.

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* Jackson Park Housing transferred to PSNS; + Estimated based on known projects.

TYCOM NOTE: FY94-97 MRP DATA CORRECTED TO MATCH BUDGET INFORMATION ON FILE WITH TYCOM COMPTROLLER AS OF 06 MAY 94. CORRECTIONS SHOWN IN BOLD.

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

Table 30.1: **Real Estate Resources**

Site Location: KINGSTON HOUSING

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	0	0	0	0
Operational	0.60	0.36	0	0.24
Training	0	0	0	0
R & D	0	0	0	0
Supply & Storage	0	0	0	0
Admin	0	0	0	0
Housing	3.00	0.43	0	2.57
Recreational	0	0	0	0
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0
Other	0	0	0	0
Total:	3.60	0.79	0	2.81

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Table 30.1: **Real Estate Resources**

Site Location: WINSLOW HOUSING

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	0	0	0	0
Operational	1.00	0.60	0	0.40
Training	0	0	0	0
R & D	0	0	0	0
Supply & Storage	0.10	0.01	0	0.09
Admin	0	0	0	0
Housing	4.50	0.45	0	4.05
Recreational	0	0	0	0
Navy Forestry Program	0	0	0	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0
Other	0	0	0	0
Total:	5.60	1.06	0	4.54

Table 30.1: **Real Estate Resources**

Site Location: CAMP WESLEY HARRIS

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	1.15	0.05	0	1.10
Operational	2.50	1.06	0	1.44
Training	15.02	11.12	3.90 Rifle Range	0
R & D	0	0	0	0
Supply & Storage	0.50	0.01	0	0.49
Admin	0	0	0	0
Housing	0.50	0.02	0	0.48
Recreational	0	0	0	0
Navy Forestry Program	368.80	0	368.80 Rifle Range	0
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	0	0	0	0
Other	0	0	0	0
Total:	388.47	12.26	300.00 372.70	76.21 3.51

TYCOM NOTE: ADDITION ERROR CORRECTED AND CONFIRMED WITH INSTALLATION ON 09 MAY 94.

Table 30.1: **Real Estate Resources**

Site Location: MAIN BASE

Land Use	Total Acres	Developed Acreage	Available for Development	
			Restricted	Unrestricted
Maintenance	504.26	89.60	258.96	155.70
Operational	242.78	63.00	159.06	20.72
Training	22.82	18.70	0	4.12
R & D	1.00	0.50	0	0.50
Supply & Storage	514.46	87.70	347.58	79.18
Admin	96.98	21.40	0	75.58
Housing	401.79	205.10	0	196.69
Recreational	157.53	83.00	0	74.53
Navy Forestry Program	4000.00	0	3500.00	500.00
Navy Agricultural Outlease Program	0	0	0	0
Hunting/Fishing Programs	4182.37	0	3500.00	682.37
Other Medical	5.69	5.50	0	0.19
Total:	6129.66	574.50	4265.60	1107.21 1789.58

TYCOM NOTE: ADDITION ERROR IN LAST COLUMN CORRECTED AND CONFIRMED WITH INSTALLATION ON 09 MAY 94.

4000 OF THE ACRES LISTED IN COLUMN ONE UNDER HUNTING/FISHING PROGRAMS ARE ALSO INCLUDED IN THE NAVY FORESTRY PROGRAM AND SHOULD NOT BE COUNTED IN TOTAL. 3500 ACRES LISTED IN COLUMN FOUR UNDER HUNTING/FISHING PROGRAMS ARE ALSO INCLUDED IN NAVY FORESTRY PROGRAM AND SHOULD NOT BE COUNTED IN TOTAL.

Weapons and Munitions Capacity

31. Does your activity performs any stowage or maintenance on any of the following ordnance commodities types: (Y/N) Y

(If YES, answer the question 31.a through 31.d; if NO skip to question 32)

ORDNANCE COMMODITY TYPES		
Mines	Expendables	LOE: Rockets
Torpedoes	INERT	LOE: Bombs
Air Launched Threat	CADS/PADS	LOE: Gun Ammo (20mm-16"
Surface Launched Threat	Strategic Nuclear	LOE: Small Arms (up to 50 cal)
Other Threat	Tactical Nuclear	LOE: Pyro/Demo Grenades/Mortars/Projectiles

31. Ordnance Stowage and Support

31.a. 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, i.e. main base, outlying field, special area.

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Table 31.1: Total Facility Ordnance Stowage Summary

Facility Number	PRESENT INVENTORY		PREDICTED INVENTORY FY 2001		MAXIMUM RATED CAPABILITY	
	TONS	SQ FT	TONS	SQ FT	TONS	SQ FT
6106	.02	61	.2	130	2	204
6107	.42	625	.1	950	2	1250
6075	.01	36	.05	40	.5	48
6108	.95	620	.95	620	2	1182
6243	.96	220	.96	220	.5	604
6244	.0428	280	.0642	340	35	604
6061	.0005	16	.0006	24	1.5	30
6062	.0001	2	.0003	12	1.5	30
6063	.011	24	.015	30	.5	30
6064	.0001	12	.0075	30	.5	30
6065	.0075	24	.008	30	.5	30
6066	.05	26	.075	30	.5	30
6067	.1	30	.1	30	1.5	30
6068	.3025	30	.304	30	1.5	30
TOTAL	2.8745	2006	3.7346/2.8346	2516	50	4132

Note: This does not include the magazines owned and operated by the Strategic Weapons Facility, Pacific (SWFPAC). Most current SUBASE records show that SWFPAC currently has 122 magazines with a combined total of 359,457 SF. A more detailed breakdown of capacities and net explosive weight capabilities must be provided by SWFPAC.

TYCOM NOTE: MATH ERROR CORRECTED AND CONFIRMED WITH STATION ON 09 MAY 94.

Naval Station Capacity Analysis Data Call
 UIC: N68436

31.b. For each Stowage facility identified in question 31.a 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); transshipment/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 31.2: 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
6075/Igloo	LOE: Demo	Training	All except nuclear
6106/Igloo	LOE: Pyro	Training/operational stock	All except nuclear
6107/Igloo	LOE: Small arms, grenades	Training/temp stowage and operational stock	All except nuclear
6108/Igloo	LOE: Small LOE:Pyro/Demo	Training/Temp stow	All except nuclear
6243/Igloo	LOE:Rockets	Operational stock	All except nuclear
6244/Igloo	LOE:Small arms LOE: Grenades	Training/ Operational stock	All except nuclear
6061/Keyport	LOE: Pyro/Demo	Own activity use TRAINING	All except nuclear
6062/Keyport	LOE:Pyro/Demo	Deep stow	All except nuclear

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6063/Keyport	LOE:Pyro/Demo	Deep stow	All except nuclear
6064/Keyport	LOE:Pyro/Demo	Deep stow	All except nuclear
6065/Keyport	LOE:Pyro/Demo	Own activity use TRAINING	All except nuclear
6066/Keyport	LOE:Pyro/Demo	Own activity use TRAINING	All except nuclear
6067/Keyport	LOE:Pyro/Demo	Own activity use TRAINING	All except nuclear
6068/Keyport	LOE:Pyro/Demo	Own activity use TRAINING	All except nuclear

Additional comments:

TYCOM NOTE: REASON FOR STOWAGE HAS BEEN CORRECTED AND CONFIRMED WITH STATION ON 09 MAY 94 TO COMPLY WITH GUIDANCE PROVIDED PARAGRAPH TWO OF QUESTION NUMBER 31.b

Naval Station Capacity Analysis Data Call
 UIC: N68436

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

Table 31.3: **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
6075/Igloo	1.1	1 K	Y	N	N/A
6106/Igloo	1.3	4 K	Y	N	N/A
6107/Igloo	1.1	4 K	Y	N	N/A
6108/Igloo	1.1	4 K	Y	N	N/A
6243/Igloo	1.1	1 K	Y	N	N/A
6244/Igloo	1.1	70 K	Y	N	N/A
6061/Keyport	1.1	3 K	Y	N	N/A
6062/Keyport	1.1	3 K	Y	N	N/A
6063/Keyport	1.1	1 K	Y	N	N/A
6064/Keyport	1.3	1 K	Y	N	N/A
6065/Keyport	1.4	1 K	Y	N	N/A
6066/Keyport	1.3	1 K	Y	N	N/A
6067/Keyport	1.1	3 K	Y	N	N/A
6068/Keyport	1.1	3 K	Y	N	N/A

TYCOM NOTE: N/A ENTERED IN LAST COLUMN FOR COMPLETENESS

Naval Station Capacity Analysis Data Call
 UIC: N68436

31.d. Identify any restrictions which prevent maximum utilization of your facilities. If restrictions are based on facility conditions, specify reason, the cost to correct the deficiency, and identify any programmed projects that will correct the deficiency and/or increase your capability.

NONE

31.e. Identify if your activity performs any of the following functions on any of the ordnance commodities previously listed. Technical support includes planning, financial, administrative, process engineering and SOP support. Within each related function identify each ordnance commodity type for which you provide these services and the total Direct Labor Man Hours (DLMHs) expended (FY 1994); identify only those DLMHs expended by personnel under your command.

Table 31.5: Related Ordnance Support

Related Functions	Performed? (Y / N)	Type of Commodity	DLMHs
Maintenance (specify level)	N	N/A	N/A
Testing	N	N/A	N/A
Manufacturing	N	N/A	N/A
Outload	N	N/A	N/A
Technical Support	N	N/A	N/A

32. Do you have the ability to operate and maintain naval aircraft? (Y/N) NO
 (If YES, answer questions 33 through 48: if NO data call is complete.)

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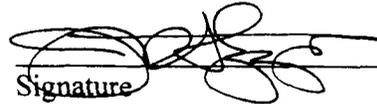
BRAC-95 CERTIFICATION DATA CALL SIX

SUBASE BANGOR

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

MAJOR CLAIMANT LEVEL

J. R. FITZGERALD
NAME (Please type or print)


Signature

Commander In Chief
Title (Acting)

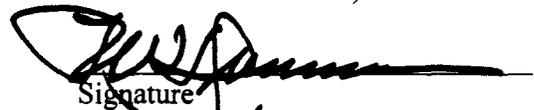
17 JUN 94
Date

U. S. Pacific Fleet
Activity

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

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

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


Signature

ACTING
Title

6/24/94
Date

ENCLOSURE(1)

BRAC-95 CERTIFICATION

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-93 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-93 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. You are directed to maintain those certifications at your activity for audit purposes. For purposes of this certification sheet, the commander of the activity will begin the certification process and each reporting senior in the Chain of Command reviewing the information will also sign this certification sheet. This sheet must remain attached to this package and be forwarded up the Chain of Command. Copies must be retained by each level in the Chain of Command for audit purposes.

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

ACTIVITY COMMANDER

B. A. SLAGLE, CDR, USN
NAME (Please type or print)


Signature

COMMANDING OFFICER, ACTING
Title

5/5/94
Date

NAVAL SUBMARINE BASE, BANGOR
Activity

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

COMMANDER, SUBMARINE GROUP NINE

RAYMOND H SETSER
NAME (Please type or print)

Ray H Seters
Signature

CHIEF OF STAFF
Title

5 MAY 94
Date

SUBMARINE GROUP NINE
Activity

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

COMMANDER SUBMARINE FORCE, U.S. PACIFIC FLEET

T. J. ELLIOTT
NAME (Please type or print)

T J Elliott
Signature

COMMANDER (Acting)
Title

10 May 94
Date

COMSUBPAC
Activity

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

COMMANDER IN CHIEF, U.S. PACIFIC FLEET

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.

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

NAME (Please type or print)

Signature

Title

Date

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.

o Name

Official Name	Naval Submarine Base, Bangor, WA
Acronym(s) used in correspondence	SUBASE Bangor NSB Bangor
Community accepted short title(s)	Bangor

o Complete Mailing Address:

Commanding Officer
Naval Submarine Base, Bangor
1100 Hunley Road
Silverdale, WA
98315-1199

o PLAD: SUBASE BANGOR WA

o PRIMARY UIC: N68436 (Plant Account UIC for Plant Account Holders)

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

o ALL OTHER UIC'S:	43593	PURPOSE:	Tug Operations
	43703		Transients
	45920		Underway Training
Craft			
	46260		Security
	48657		Family Service
Center			

o PLANT ACCOUNT HOLDER:

Yes X No _____ (check one)

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

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

Yes X No _____ (check one)

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

Yes _____ No X (check one)

Primary Host (current) UIC: _____

Primary Host (as of 01 Oct 1995) UIC: _____

Primary Host (as of 01 Oct 2001) UIC: _____

o 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.

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Name	Location	UIC
Camp Wesley Harris Winslow Family Housing Kingston Family Housing	Central Kitsap County (WH) Bainbridge Island (WI) Kingston (KI)	N68436 N68436 N68436

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

Name	UIC	Location	Host Name	Host UIC
HRO Field Office	68436	Oak Harbor, WA	NAS Whidbey Island	00620
HRO Field Office	68436	Everett, WA	NAVSTA Everett	68967
HRO Field Office	68436	Adak, AK	NAS Adak	60462
HRO Field Office	68436	Bremerton, WA	FISC Puget Sound	00406

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.

Naval Submarine Base, Bangor was affected by both BRAC 91 and BRAC 93. In BRAC 91 (which closed Naval Station Puget Sound, Seattle WA), SUBASE Bangor was designated as the receiving site for three commands:

NUMBER	COMMAND	RESULTING MCON PROJECT	COST (\$000)
--------	---------	------------------------	--------------

NUMBER	COMMAND	RESULTING MCON PROJECT	COST (\$000)
1	Commander, Naval Base, Seattle	P-300S	3,458
2	Navy Brig	P-315S	5,200
3	Transient Personnel Unit, Puget Sound	P-104S	2,900

In BRAC 93 (which closed Mare Island Naval Shipyard and Naval Air Station, Alameda), SUBASE Bangor was designated as the receiving site for the USS PARCHE and COMSUBDEVGRU ONE Detachments Mare Island, Sierra, and Alameda. In addition, SUBASE Bangor was also designated to receive an additional 352 family housing units (34 to support the PARCHE relocation and 318 for relocation of an aircraft carrier from Alameda).

NUMBER	COMMAND	RESULTING MCON PROJECT	COST (\$000)
1	Underwater Equipment Laboratory	P-195T	11,862
2	Family Housing	H-404	39,000

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

- o Provide support to the TRIDENT Submarine Launched Ballistic Missile System. Functions provided include pier-side electricity, water, sewage, refuse collection, hazardous spill response, and hazardous waste disposal. Additionally, SUBASE Bangor provides tug and pilot services, galley and subsistence ready supply support, bachelor quarters and base housing, vehicles, recreational facilities, and religious programs.

- o Maintain and operate facilities for the administration and personnel support for operations of the Submarine Force. Support includes police and security operations, fire protection, disaster preparedness, public affairs, safety, utilities, transportation, facilities maintenance and repair, environmental oversight and compliance, engineering, natural resource management, administrative services, guard mail, supply, and audio/visual services.

- o Provide regional administrative and logistical support to other DOD activities in the Puget Sound area. Support functions include military working dog program, family service center, explosive ordnance disposal, hazardous spill response, family housing, and facilities maintenance.

- o Provide human resource office and equal employment opportunity services to DoD commands and activities located throughout a seven-state area, including Alaska and Nebraska.

Projected Missions for FY 2001

- o Provide administrative and logistic support to COMSUBDEVGRU 1 detachments and USS PARCHE (SSN 683) in FY94, the administrative and logistical scope of SUBASE Bangor's mission will increase significantly.

- o Provide support for Commander Naval Base, Seattle, regional coordinator, for all Naval activities in Puget Sound and surrounding areas.

- o With the arrival of the brig/correctional custody unit and transient personnel unit, SUBASE Bangor will be responsible for providing these regional services.

- o Commencing FY95, there will be a significant increase in the scope of our mission for family housing. SUBASE Bangor will become the major site and provider for base housing on the Kitsap Peninsula. With construction of an additional 872 units SUBASE Bangor will support Navy shore and afloat units and other DoD activities throughout the area.

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

Current Unique Missions

o None. SUBASE Bangor does not have National Command Authority or any classified missions. However, there are commands on the Bangor complex that have classified missions.

Projected Unique Missions for FY 2001

o None. However, due to the special operations mission of the USS PARCHE (SSN 683) and COMSUBDEVGRU 1 detachments, it is possible that SUBASE Bangor could be assigned classified missions/tasking by competent authority.

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.

o Operational name	UIC
<u>COMSUBGRU NINE</u>	<u>53885</u>
o Funding Source	UIC
<u>COMSUBPAC</u>	<u>57020</u>

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

On Board Count as of 01 January 1994

	Officers	Enlisted	Civilian (Appropriated)
o Reporting Command	<u>25</u>	<u>268</u>	<u>437</u>
o Tenants (total)	<u>474</u>	<u>4,708</u>	<u>1,656</u>

Authorized Positions as of 30 September 1994

Data Call 1: General Installation Information, continued

Activity: N68436

	Officers	Enlisted	Civ (App)	Non DOD
o Reporting Command	<u>23</u>	<u>194</u>	<u>454</u>	
o Tenants (total)	<u>423</u>	<u>4,352</u>	<u>1,825</u>	<u>1655</u>

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

<u>Title/Name</u>	<u>Office</u>	<u>Fax</u>	<u>Home</u>
Commanding Officer CAPT E. R. Lockwood	206-396-4949	206-396-6032	
Duty Officer	206-396-4864	206-396-6032	N/A
Director of Community Development George Shepard*	206-396-5013	206-396-5082	206-479-1574

*George Shepard is the primary point of contact. If supplemental information is required, please contact him first.

12. TENANT ACTIVITY LIST: This list must be all-inclusive. Tenant activities are to ensure that their host is aware of their presence 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 provided 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 counts shall include Appropriated Fund personnel only).

o Tenants residing on main complex (shore commands)

Tenant Command Name	UIC	Officer	Enlisted	Civilian

Data Call 1: General Installation Information, continued

Activity: N68436

MARS REGION 7	00063	0	1	0
NUWC Div Keyport	00253	2	0	148
FISCDDET Bangor	00406	0	0	13
BRDENTCLNC Bangor	25021	10	31	17
TTF Students	35420	0	99	0
NCIS NW	42951	0	0	15
EODMU 11 Det Bangor	42969	1	4	0
NAVOCEANCOMDET	42324	0	5	0
PERSUPDET Bangor	43150	2	47	42
TTF BOSC	43259	7	21	0
DPSDBO Bangor	43326	0	0	23
TRF BOSC	43751	2	13	0
EFA NW ROICC	44255	3	0	13
NEX Bangor	45015	1	0	0
BRMEDCLNC Bangor	45237	10	25	2
MISSA UNIT	46419	0	0	3
NUWCDIV Newport	46484	0	1	10
NLSODET Bangor	46796	3	0	0
Tenant Command Name	UIC	Officer	Enlisted	Civilian
NAVBASESEA CAAC	47976	0	0	0
DECA NW/PAC	48871	0	1	53
NAVY CAMPUS	49303	0	1	2
STU EEAP Chapman	49963	0	0	0
DIS NW	50052	0	0	7

NUWC Range Support	52861	0	15	0
NAVTRASYSCEDET	61339	0	0	3
SWFPAC	63402	15	92	199
NAVSHIPSYSSENGST A	65540	0	0	1
MCSFCO Bangor	67043	9	343	0
TTF Bangor	68437	35	351	53
TRF Bangor	68438	30	623	1,188
NADSAP	68494	0	2	0
NETPMSA DET	68540	0	0	3
CBU-418	68571	1	40	0
PERSUPACT Puget	68613	4	12	13
NAVCOMTELSTA	68660	7	95	17
PACFLTARIT	68917	0	1	0
AMGARIND/ARC		0	0	*4
AMER RED CROSS		0	0	*1
ANALYSIS & TECH		0	0	*2
APPLIED TECHNOLOGY		0	0	*3
ATA COMPUTER		0	0	*9
CHAPMAN UNIV		0	0	*1
CITY UNIV		0	0	*1
Tenant Command Name	UIC	Officer	Enlisted	Civilian
COMPUTER SCIENCE CORP		0	0	*3
CONSUMER CREDIT COUNSELING SVCS		0	0	*1
DENTAL CONTRACT		0	0	*3
GENERAL DYNAMICS		0	0	*73

Data Call 1: General Installation Information, continued

Activity: N68436

GENERAL ELECTRIC		0	0	*1
GPS TECH INC		0	0	*5
GRANADA COMPUTERS		0	0	*1
HERCULES		0	0	*3
INTERSTATE ELEC		0	0	*2
JOHN HOPKINS APPLIED PHYSICS LAB		0	0	*1
JOHNSON CONTROLS		0	0	*886
KITSAP BANK		0	0	*6
KITSAP FED CU		0	0	*12
LOCKHEED		0	0	*262
LORAL AEROSPACE		0	0	*23
MARTIN MARIETTA		0	0	*7
MAYTAG AIRCRAFT		0	0	*5
MCDONALD CORP		0	0	*65
NAVTASK		0	0	*1
NEW WAVE COMM		0	0	*1
N/MC RELIEF SOC		0	0	*2
Tenant Command Name	UIC	Officer	Enlisted	Civilian
NORTHROP		0	0	*1
OLYMPIC UNIV		0	0	*1
PACE		0	0	*2
RAYTHEON		0	0	*1
RETIRED AFFAIRS		0	0	*1

Data Call 1: General Installation Information, continued

Activity: N68436

ROCKWELL		0	0	*2
SO ILLINOIS UNIV		0	0	*1
SUBMEPP CORP		0	0	*1
SUMMIT RESEARCH		0	0	*1
SYBASE COMP		0	0	*1
TRACOR		0	0	*1
TSM		0	0	*13
UNISYS		0	0	*1
UNITED TELEPHONE		0	0	*18
US POST OFFICE		0	0	*4
VITRO LAB		0	0	*2
WASH STATE FISH		0	0	*3
WESTINGHOUSE		0	0	*17
MISC SERVICE & CONSTRUCTION CONTRACTORS (NON-RESIDENT)		0	0	*200

*Non DOD

o Tenants residing on main complex (homeported units)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
USS JACKSON (SSN-730) (B)	39355	15	148	0
USS JACKSON (SSN-730) (G)	39356	15	148	0
USS OHIO (SSN-726) (B)	35953	15	148	0
USS OHIO (SSN-726) (G)	35954	15	148	0
USS MICHIGAN (SSN-727) (B)	35955	15	148	0
USS MICHIGAN (SSN-727) (G)	35956	15	148	0
USS FLORIDA (SSN-728) (B)	35957	15	148	0
USS FLORIDA (SSN-728) (G)	35958	15	148	0
USS GEORGIA (SSN-729) (B)	35959	15	148	0
USS GEORGIA (SSN-729) (G)	35960	15	148	0
USS ALABAMA (SSN-731) (B)	41580	15	148	0
USS ALABAMA (SSN-731) (G)	45181	15	148	0
USS ALASKA (SSN-732) (B)	42255	15	148	0
USS ALASKA (SSN-732) (G)	42256	15	148	0
USS NEVADA (SSN-733) (B)	44422	15	148	0

Tenant Command Name	UIC	Officer	Enlisted	Civilian
USS NEVADA (SSN-733) (G)	44423	15	148	0
SUBGRU 9 OTHER (TRANSIENT)	45040	0	0	0
COMSUBPACREP PACNW	45739	1	12	0
SUBGRU 9 ON1 SSO	47694	0	0	0
COMSUBGRU 9	53885	24	93	0
COMSUBRON 17	53886	15	30	0
SUBRON 17 TMPT DET	53994	1	26	0

o 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	Officer	Enlisted	Civilian
NONE				

o Tenants (Other than those identified previously)

Tenant Command Name	UIC	Officer	Enlisted	Civilian
NONE				

13. REGIONAL SUPPORT. Identify your relationship with other activities, not supported as a host/tenant, for which you provide support. Again, this list should be all-inclusive. The intent of this question is to 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.)
3rd Batt, 1st Spec forces Gp	Ft Lewis, WA	Bachelor Quarters, food service, security, storage & warehousing, underwater range, & disaster Preparedness services - ISSA
Central Kitsap School Dist #401	Silverdale, WA	Utilities - ISSA
CINCPACFLT Manpower Analysis Team Seattle	Bremerton, WA	ADP, audio/visual, Financial, guard mail, legal, pass & ID, MWR, PAO, safety, training, & leased vehicles - ISSA
DISA, Information Processing Center Puget Sound	Bremerton, WA	HRO services - ISSA
DLA - Defense Dist Region West	Bremerton, WA	Military working dog & audio/visual services - ISSA
DPS NW Area	Bremerton, WA Portland, OR Hill AFB, UT Omaha, NE USAF Acad, CO Colorado Springs, CO Lowry AFB, CO	HRO services - ISSA
FASOTRAGRU San Diego	NAS Whidbey Island	Human resource office (HRO) services - ISSA
Kistap Co. Fire District #1	Silverdale, WA	Fire protection & hazardous material spill response - ISSA/MAA
Kitsap Co. Fire District #12	Bremerton, WA	Fire protection & hazardous material spill response - ISSA/MAA

Kitsap Co. Fire District #18	Poulsbo, WA	Fire protection & hazardous material spill response - ISSA/MAA
Activity Name	Location	Support Function (Include mechanism such as ISSA, MOU, etc.)
GSA Seattle, Flt Mgmt Center	Auburn, WA	Vehicle maintenance/repair & fuel-ISSA
ISSOT Puget Sound	Bremerton, WA	HRO services - ISSA
MINGRU 1	Bremerton, WA	HRO services - ISSA
MLC-PAC (USCG)	Seattle, WA	Housing & lodging -ISSA
MOBILE TECH UNIT 15	Seattle, WA	HRO services - ISSA
NAMTRAGRU, NAS Memphis	Alameda, CA	HRO services - ISSA
NAVAIRRES Whidbey Island	NAS Whidbey Island	Facilities maintenance & HRO services - ISSA
NAS Adak	NAS Adak	HRO services - ISSA
NAVCRUITDIST	Portland, OR	HRO services - ISSA
NAVCRUITDIST	Seattle, WA	HRO services - ISSA
NAVFAC	NAS Whidbey, WA Charleston, OR Pacific Beach, WA	Electrical repair & HRO services, ISSA
NAVHOSP Oak Harbor	NAS Whidbey Island	HRO services - ISSA
NAVMARRESCEN	Boise, ID Portland, OR Salem, OR Spokane, WA Tacoma, WA	HRO services - ISSA
NAVMEDCLNC Seattle	NAVSTA Everett	HRO services - ISSA

NAVRESCRUITCO M DET 7	Aurora, CO	HRO services - ISSA
NAVRESREDCOM REG 22	Seattle, WA	HRO services - ISSA
Activity Name	Location	Support Function (Include mechanism such as ISSA, MOU, etc.)
NAVSECGRUACT Adak	NAS Adak, AK	HRO services - ISSA
NAVSTA Everett	Everett, WA	HRO services - ISSA
NWS Seal Beach	Port Hadlock, WA	Admin, chaplain, FSC, engineering, PAO, finance, legal, hazardous spill response, leased vehicles, equipment repair, EOD, facilities maintenance, housing & lodging, HRO, supply, MWR, tug services, military working dog, refuse collection, & small arms training services - ISSA
NROTC, UNIT OF WASH	Seattle, WA	HRO services - ISSA
Olympic Cable Co.	Bremerton, WA	Utilities - ISSA
PACFLTIL0 Team	Bremerton, WA	HRO Services - ISSA
PERSUPPDET	Seattle, WA Bremerton, WA Oak Harbor, WA Idaho Falls, ID	HRO Services - ISSA
PMOPAC	Bremerton, WA	HRO Services - ISSA
NAVSHIPYD Puget Sound	Bremerton, WA	ADP, finance, fire protection, police & security, housing & lodging, tug services, facilities maintenance, refuse collection, chaplain, pest control, ice & snow removal, hazardous spill response, and small arms training services - ISSA
NLSO Det	Oak Harbor, WA Seattle, WA	HRO services - ISSA

NUWC Division Keyport	Keyport, WA Bangor Annex, WA Zelached Point, WA	Finance, community services, custodial, fire protection, guard mail, legal, material handling equipment (MHE), MHE maintenance & repair, industrial plant equipment maintenance & repair, MWR, police & security, POL, technical reference center, and audio visual services - ISSA
SPAWARS	Bremerton, WA	HRO services - ISSA

Activity Name	Location	Support function (include mechanism such as ISSA, MOU, etc.)
SUBASE Kings Bay	Kings Bay, GA	ADP services - ISSA
SUPSHIPS	Seattle, WA	HRO services - ISSA
SWNAVFACENGCO M	EFA NW, Silverdale, WA	Guard mail, technical reference library, chaplain, admin, finance, family service center, child development center, explosive ordnance disposal, housing & lodging, HRO, supply, and MWR services - ISSA
6 Miscellaneous Intermittent Activities	Various Locations	Boiler certification, training, contracting, ADP support - NAVCOMPT 2275
Wash State Army National Guard	SUBASE Bangor	Housing & lodging - ISSA

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

o **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 geographical relationship to the major civilian communities within this radius. (Provide 12 copies.)

o **Installation Map/Activity Map/Base Map/General Development Map/Site Map.** Provide to 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).)

o **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 you 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, 8 1/2" x 11".)

o **Air Installation Compatible Use Zones (AICUZ) Map.** (Provide 12 copies.)

N/A SUBASE Bangor is not an air installation.

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

E. R. LOCKWOOD, CAPT, USN
NAME (Please type or print)


Signature

COMMANDING OFFICER
Title

1/25/94
Date

NAVAL SUBMARINE BASE, BANGOR
Activity

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

COMMANDER, SUBMARINE GROUP NINE

R. H. SETSER, CAPT, USN
NAME (Please type or print)

R N Entan
Signature

CHIEF OF STAFF
Title

1-26-94
Date

COMSUBGRU NINE
Activity (ACTING)

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

COMMANDER SUBMARINE FORCE, U.S. PACIFIC FLEET

J. M. BARR, RADM, USN
NAME (Please type or print)

JMBarr
Signature

COMMANDER
Title

1 FEB '94
Date

SUBMARINE FORCE, U.S. PACIFIC FLEET
Activity

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

COMMANDER IN CHIEF, U.S. PACIFIC FLEET

NAME (Please type or print)

Signature

Title

Date

Activity

BRAC-95 CERTIFICATION

Activity: SUBASE BANGOR

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

MAJOR CLAIMANT LEVEL

J. R. FITZGERALD

NAME (Please type or print)

Commander in Chief

Title


Signature

2/15/94
Date

U. S. Pacific Fleet

Activity (Acting)

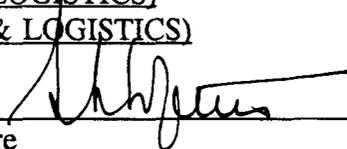
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

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

S. F. Loftus
NAME (Please type or print)

S. F. Loftus
Vice Admiral, U.S. Navy

Deputy Chief of Naval Operations (Logistics)
Title


Signature

22 FEB 1994
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)

NAME (Please type or print)

Signature

Title

Date

Document Separator

38

R

DATA CALL 64
CONSTRUCTION COST AVOIDANCES

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

Installation Name:		BANGOR WA NAVSUBASE		
Unit Identification Code (UIC):		N68436		
Major Claimant:		PACFLT		
Project FY	Project No.	Description	Appn	Project Cost Avoid (\$000)
1997	291	SECURITY FAC UPGRADES	MCON	1,250
		Sub-Total - 1997		1,250
1998	945	EXPLOSIVE HANDLG WHARF MOD	MCON	889
		Sub-Total - 1998		889
2000	284	FIREFGHTG/DAMAGE CTRL TRNG	MCON	15,000
		Sub-Total - 2000		15,000
2001	053	CHILD DEV CTR ADDITION	MCON	2,340
2001	984	TRANSFER FAC MODS	MCON	459
		Sub-Total - 2001		2,799
		Grand Total		19,938

(Revised 9 Dec 94)

(* - Cost Avoidance is less than project programmed amount)

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

MAJOR CLAIMANT LEVEL

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

COMMANDER
Title

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature
12/9/94
Date

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

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

W. A. EARNER

NAME (Please type or print)

Title


Signature
12/17/94
Date

BRAC-95 CERTIFICATION

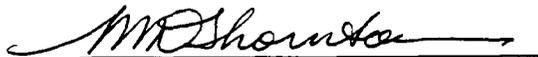
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MICHAEL D. THORNTON
NAME (Please type or print)

CDR, CEC, USN
Title

MILCON PROGRAMMING DIVISION
Division

NAVAL FACILITIES ENGINEERING COMMAND
Activity



Signature



Date

Document Separator

38

**DATA CALL 64
CONSTRUCTION COST AVOIDANCES**

R

Table 2: Family Housing Construction Projects

Installation Name:		BANGOR WA NAVSUBASE		
Unit Identification Code (UIC):		N68436		
Major Claimant:		PACFLT		
Project FY	Project No.	Description	Appn	Project Cost Avoid (\$000)
1993	H252	200 UNITS FAMILY HOUSING *	FHSG	4,270
1993	H281	200 UNITS FAMILY HOUSING *	FHSG	4,050
		Sub-Total - 1993		8,320
1994	H221	NEW FAMILY HOUSING *	FHSG	5,827
		Sub-Total - 1994		5,827
1996	404T	FAMILY HOUSING	BRAC	4,840
		Sub-Total - 1996		4,840
1998	H343	HOUSING OFFICE	FHSG	1,360
		Sub-Total - 1998		1,360
		Grand Total		20,347

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



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)

COMMANDER
Title

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature
12/9/94
Date

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

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

W. A. EARNER

NAME (Please type or print)

Title


Signature
12 17 94
Date

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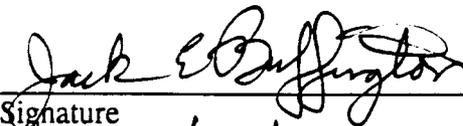
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

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

COMMANDER
Title

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature
7/13/94
Date

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

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

W. A. EARNER

NAME (Please type or print)

Title


Signature
7/18/94
Date

BRAC-95 CERTIFICATION

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

MARK E. DONALDSON
NAME (Please type or print)

CDR, CEC, USN
Title

MILCON PROGRAMMING DIVISION
Division

FACILITIES PROGRAMMING AND CONSTRUCTION DIRECTORATE
Department

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature
12 July 1994
Date

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.

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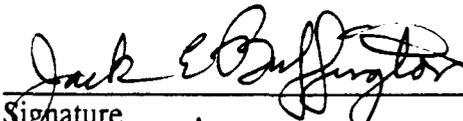
I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

MAJOR CLAIMANT LEVEL

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

COMMANDER
Title

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature
7/13/94
Date

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

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

W. A. EARNER 

NAME (Please type or print)

Title


Signature
2/18/94
Date

BRAC-95 CERTIFICATION

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

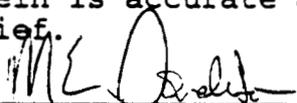
MARK E. DONALDSON
NAME (Please type or print)

CDR, CEC, USN
Title

MILCON PROGRAMMING DIVISION
Division

FACILITIES PROGRAMMING AND CONSTRUCTION DIRECTORATE
Department

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature
12 July 1994
Date

Enclosure (1)

BRAC DATA CALL NUMBER 64
CONSTRUCTION COST AVOIDANCE

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

1. all programmed construction projects included in the FY1996 - 2001 MILCON/FAMILY HOUSING Project List,
2. all programmed projects from FY1995 or earlier for which cost avoidance could still be obtained if the project were to be canceled by 1 OCT 1995, and,
3. all programmed BRAC MILCON/FAMILY HOUSING projects for which cost avoidance could still be obtained if the project were to be canceled by 1 OCT 1995.

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

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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.

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**DATA CALL 63
FAMILY HOUSING DATA**

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

Installation Name:	SUBASE BANGOR
Unit Identification Code (UIC):	N68436
Major Claimant:	CINCPACFLT

Percentage of Military Families Living On-Base:	20	20.3% CW
Number of Vacant Officer Housing Units:	0	
Number of Vacant Enlisted Housing Units:	0	
FY 1996 Family Housing Budget (\$000):	187.7	178.0 CW
Total Number of Officer Housing Units:	4	
Total Number of Enlisted Housing Units:	258	20 CW

Line 4, Percentage of Military Families Living on Base, is taken from DD Form 1377. Lines 7-9, represents the activities' "fair share" of the complex total of the family housing budget and inventory of officer and enlisted units. This data was provided by COMNAVFACENCOM. This UIC contains 148 personnel entitled to BAQ W/Dependents out of a complex total of 8287 personnel entitled to BAQ W/Dependents. There are 121 activities identified within this complex.

Note: All data should reflect figures as of the beginning of FY 1996. If major DON installations share a family housing complex, figures should reflect an estimate of the installation's prorated share of the family housing complex.

Enclosure (1)

CIC 7113
Chris Ward
7/13/94
NAVPAC 52JEW

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

MAJOR CLAIMANT LEVEL

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

COMMANDER
Title

NAVAL FACILITIES ENGINEERING COMMAND
Activity


Signature
7/20/94
Date

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

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

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

Title


Signature
7/25/94
Date

BRAC-95 CERTIFICATION

Reference: SECNAV NOTE 11000 of 8 Dec 93

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

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

Each individual in your activity generating information for the BRAC-95 process must certify that information. Enclosure (1) is provided for individual certifications and may be duplicated as necessary. 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.

SOUTHWESTNAVFACENGCOM

THOMAS E. GUNN
Name (Please type or print)


Signature

COMMANDING OFFICER
Title

7/13/94
Date

Document Separator

Activity UIC: N68436

28

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

NAVAL SUBMARINE BASE, BANGOR

Made w/ original

25 MAY 1994

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

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ENVIRONMENTAL DATA CALL

Responses to the following questions provide data that will allow an assessment of the potential environmental impact associated with the closure or realignment of a Navy shore activity. This criterion consists of:

- Endangered/Threatened Species and Biological Habitat
- Wetlands
- Cultural Resources
- Environmental Facilities
- Air Pollution
- Environmental Compliance
- Installation Restoration
- Land/Air/Water Use

As part of the answers to these questions, a *source citation* (e.g., 1993 base loading, 1993 base-wide Endangered Species Survey, 1993 letter from USFWS, 1993 Base Master Plan, 1993 Permit Application, 1993 PA/SI, etc.) must be included. It is probable that, at some point in the future, you will be asked to provide additional information detailing specifics of individual characteristics. In anticipation of this request, supporting documentation (e.g., maps, reports, letters, etc.) regarding answers to these questions should be retained. Information needed to answer these questions is available from the cognizant EFD Planning and Real Estate Divisions, and Environment, Safety, and Health Divisions; and from the activity Public Works Department, and activity Health Monitoring and Safety Offices.

For purposes of the questions associated with land use at your base is defined as land (acreage owned, withdrawn, leased, and controlled through easements); air (space controlled through agreements with the FAA, e.g., MOAs); and water (navigation channels and waters along a base shoreline) *under the control of the Navy.*

Provide a list of the tenant activities with UICs that are covered in this response.

Activity UIC: N68436

LIST OF TENANT ACTIVITIES AND UNIT IDENTIFICATION CODES

COMMAND	UIC	COMMAND	UIC
SUBASE	68436	USS GEORGIA (B)	35959
SECURITY	46260	USS GEORGIA (G)	35960
TUG OPS	43593	USS JACKSON (B)	39355
CAPE	45920	USS JACKSON (G)	39356
OTHERS	43703	USS ALABAMA (B)	41580
STU	45168	USS ALABAMA (G)	41581
FSC	48657	USS ALASKA (B)	42255
NB SEA CAAC BANGOR	47976	USS ALASKA (G)	42256
SWFPAC	63402	USS NEVADA (B)	44422
TRF STAFF	68438	USS NEVADA (G)	44423
BOS	43751	PSA	68613
TTF STAFF	68437	PSD	43150
BOS	43259	NAVCOMMTELSTA	68660
STUDENTS	35420	MED. CLINIC BANGOR	45237
USS OHIO (B)	35953	DENTAL CLINIC BANG.	45021
USS OHIO (G)	35954	CBU 418	68571
USS MICHIGAN (B)	35955	EODMU DET 11	42969
USS MICHIGAN (G)	35956	MARINE CORP SEC. CO	67043
USS FLORIDA (B)	35957	NEX BANGOR	45105
USS FLORIDA (G)	35958	COMMISSARY (DECA)	48871

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COMMAND	UIC	COMMAND	UIC
NETPMSA	46419	DPSDBO BANGOR	43326
NSC (BANGOR BRANCH)	00406	NUWC KEYPORT/BANGOR	00253
EFA, NW (BANGOR)	44255	NOSC	
NAVY CAMPUS	63015	NIS	42951
DIS	50052	NAVSSSES	65540
NUWC NEWPORT DIV.	46484	NAVTRASYSCEDET	61339
NAVLEGSEROFFDET	46796	COMSUBRON SEVENTEEN	53886
COMSUBGRU NINE	53885	DET	53994
NAVOCEN	42324	CHAPMAN U/EEAP/STU	49963
SUBOPS	45739	PACFLT CARINFOTM	68917
OTHERS	45040		

TYCOM NOTE: SUBASE BANGOR ALSO HAS ENVIRONMENTAL PROGRAM MANAGEMENT RESPONSIBILITY FOR THE FOLLOWING TENANT COMMANDS.

TENANT COMMAND	UIC
MARS REGION 7	00063
MISSA UNIT	46419
NADSAP	68494
AMGARIND/ARC	NONE
AMER RED CROSS	NONE
ANALYSIS & TECH	NONE
APPLIED TECHNOLOGY	NONE
ATA COMPUTER	NONE
CHAPMAN UNIV	NONE

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TYCOM NOTE: SUBASE BANGOR ALSO HAS ENVIRONMENTAL PROGRAM MANAGEMENT RESPONSIBILITY FOR THE FOLLOWING TENANT COMMANDS.

TENANT COMMAND	UIC
CITY UNIV	NONE
COMPUTER SCIENCE CORP	NONE
CONSUMER CREDIT COUNSELING SVCS	NONE
DENTAL CONTRACT	NONE
GENERAL DYNAMICS	NONE
GENERAL ELECTRIC	NONE
GPS TECH INC	NONE
GRANADA COMPUTERS	NONE
HERCULES	NONE
INTERSTATE ELEC	NONE
JOHN HOPKINS APPLIED PHYSICS LAB	NONE
JOHNSON CONTROLS	NONE
KITSAP BANK	NONE
KITSAP FED CU	NONE
LOCKHEED	NONE
LORAL AEROSPACE	NONE
MARTIN MARIETTA	NONE
MAYTAG AIRCRAFT	NONE
MCDONALD CORP	NONE
NAVTASK	NONE
NEW WAVE COMM	NONE
N/MC RELIEF SOC	NONE

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TYCOM NOTE: SUBASE BANGOR ALSO HAS ENVIRONMENTAL PROGRAM MANAGEMENT RESPONSIBILITY FOR THE FOLLOWING TENANT COMMANDS.

TENANT COMMAND	UIC
NORTHROP	NONE
OLYMPIC UNIV	NONE
PACE	NONE
RAYTHEON	NONE
RETIRED AFFAIRS	NONE
ROCKWELL	NONE
SO ILLINOIS UNIV	NONE
SUBMEPP CORP	NONE
SUMMIT RESEARCH	NONE
SYBASE COMP	NONE
TRACOR	NONE
TSM	NONE
UNISYS	NONE
UNITED TELEPHONE	NONE
US POST OFFICE	NONE
VITRO LAB	NONE
WASH STATE FISH	NONE
WESTINGHOUSE	NONE

1. ENDANGERED/THREATENED SPECIES AND BIOLOGICAL HABITAT

1a. For federal or state listed endangered, threatened, or category 1 plant and/or animal species on your base, complete the following table. Critical/sensitive habitats for these species are designated by the U. S. Fish and Wildlife Service (USFWS). A species is present on your base if some part of its life-cycle occurs on Navy controlled property (e.g., nesting, feeding, loafing). Important Habitat refers to that number of acres of habitat that is important to some life cycle stage of the threatened/endangered species that is not formally designated.

S P E C I E S (plant or animal)	Designation (Threatened / Endangered)	Federal/ State	Critical / Designated Habitat (Acres)	Importa nt Habitat (acres)
<i>example: Haliaeetus leucocephalus - bald eagle</i>	<i>threatene d</i>	<i>Federa l</i>	25	0
Haliacetus leucocephalus -- bald eagle	threatene d	Fed.	0	2.5
Braehyrumphus maimoratus -- marbled murrelet	threatene d	Fed.	0	4.53*
Oreortyx piatus -- mountain quail	candidate	Fed.	47.4	0
Oncorhyncus Kisutch -- Silver Salmon	candidate	Fed.	11.8	0

Source Citation: U.S. Fish & Wildlife Service ltr. of 4 Apr. 1994

* SUBASE Bangor has 4.53 miles of coastline along the Hood Canal. The Marble Murrelet uses Hood Canal as feeding habitat. Hood Canal is jointly managed by the State of Washington and the Indian Tribes.

1b.

<p>Have your base operations or development plans been constrained due to:</p> <ul style="list-style-type: none"> - USFWS or National Marine Fisheries Service (NMFS)? - State required modifications or constraints? <p>If so, identify below the impact of the constraints including any restrictions on land use.</p>	<p>NO</p>
<p>Are there any requirements resulting from species not residing on base, but which migrate or are present nearby? If so, summarize the impact of such constraints.</p>	<p>NO</p>

1c.

If the area of the habitat and the associated species have not been identified on base maps provided in Data Call 1, submit this information on an updated version of Data Call 1 map.

See attachment (a).

1d.

<p>Have any efforts been made to relocate any species and/or conduct any mitigation with regards to critical habitats or endangered/threatened species? Explain what has been done and why.</p>	<p>NO</p>
---	-----------

1e.

<p>Will any state or local laws and/or regulations applying to endangered/threatened species which have been enacted or promulgated but not yet effected, constrain base operations or development plans beyond those already identified? Explain.</p>	<p>NO</p>
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2. WETLANDS

Note: Jurisdictional wetlands are those areas that meet the wetland definitional criteria detailed in the Corps of Engineers (COE) Wetland Delineation Manual, 1987, Technical Report Y-87-1, U.S. Army Engineer Waterway Experiment Station, Vicksburg, MS or officially adapted state definitions.

2a.

Does your base possess federal jurisdictional wetlands?	YES
Has a wetlands survey in accordance with established standards been conducted for your base?	YES
When was the survey conducted or when will it be conducted? SUBASE Proper was surveyed <u>08/ /92</u> Camp Wesley Harris was surveyed <u>07/ / 93</u>	08/94 08/92
What percent of the base has been surveyed?	100%
What is the total acreage of jurisdictional wetlands present on your base?	254

Source Citation: SUBASE Bangor Wetlands Report & Map (Johnson Controls, Aug 1992)

Camp Wesley Harris Report & Maps (Johnson Controls, Jul 1993)

TYCOM NOTE: CORRECT DATE OF WETLAND SURVEY OBTAINED FROM STATION ON 31 MAY 94 AND ENTERED BY TYCOM IN BOLD.

2b. If the area of the wetlands has not been identified on base maps provided in Data Call 1, submit this on an updated version of Data Call 1 map.

See Attachment (b).

2c. Has the EPA, COE or a state wetland regulatory agency required you to modify or constrain base operations or development plans in any way in order to accommodate a jurisdictional wetland? NO If YES, summarize the results of such modifications or constraints.

3. CULTURAL RESOURCES

3a.

<p>Has a survey been conducted to determine historic sites, structures, districts or archaeological resources which are listed, or determined eligible for listing, on the National Register of Historic Places? If so, list the sites below.</p>	<p>YES</p>
---	------------

There are three sites from the survey which may be archaeologically significant. The three sites are Indian midden sites. SUBASE has no structures of historic age.

3b.

YES/NO

<p>Has the President's Advisory Council on Historic Preservation or the cognizant State Historic Preservation Officer required you to mitigate or constrain base operations or development plans in any way in order to accommodate a National Register cultural resource? If YES, list the results of such modifications or constraints below.</p>	<p>NO</p>
---	-----------

3c.

<p>Are there any on base areas identified as sacred areas or burial sites by Native Americans or others? List below.</p>	<p>NO</p>
--	-----------

4. ENVIRONMENTAL FACILITIES

Notes: If your facility is permitted for less than maximum capacity, state the maximum capacity and explain below the associated table why it is not permitted for maximum capacity. Under "Permit Status" state when the permit expires, and whether the facility is operating under a waiver. For permit violations, limit the list to the last 5 years.

4a.

Does your base have an operating landfill?					NO
ID/Location of Landfill	Permitted Capacity (CYD)		Maximum Capacity (CYD)	Contents ¹	Permit Status
	TOTAL	Remaining			
N/A	N/A	N/A	N/A	N/A	N/A

¹ Contents (e.g. building demolition, asbestos, sanitary debris, etc)

Are there any current or programmed projects to correct deficiencies or improve the facility. N/A. There are no existing landfill or proposed landfill facilities.

4b. If there are any non-Navy users of the landfill, describe the user and conditions/agreements.

N/A. There are no landfills at SUBASE Bangor.

4c.

Does your base have any disposal, recycling, or incineration facilities for solid waste?					YES
Facility/Type of Operation	Permitted Capacity	Ave Daily Throughput	Maximum Capacity	Permit Status	Comments
Recycling/QRP	No Permit	17192 lbs	35000 lbs +/-	Not required	NONE

List any permit violations and projects to correct deficiencies or improve the facility.

No permit required.

4d.

Does your base own/operate a Domestic Wastewater Treatment Plant (WWTP) ?					NO
ID/Location of WWTP	Permitted Capacity	Ave Daily Discharge Rate	Maximum Capacity	Permit Status	Level of Treatment/Year Built
N/A	N/A	N/A	N/A	N/A	N/A

List permit violations and discuss any projects to correct deficiencies.

N/A. SUBASE does not have a domestic WWTP.

4e. If you do not have a domestic WWTP, describe the average discharge rate of your base to the local sanitary sewer authority, discharge limits set by the sanitary sewer authority (flow and pollutants) and whether the base is in compliance with their permit. Discuss recurring discharge violations.

Average Discharge Rate: 750,000 GAL/DAY

Discharge Limit Flow: 2 MGAL/DAY

In compliance.

Pollution Discharge Limits

CONSTITUENT	CONCENTRATION AVERAGE (mg/l)	DAILY LOAD (lb/day)
Copper	0.7	11.7
Zinc	0.5	8.3
Total Chromium	0.5	8.3
Nickel	0	0
Lead	0.1	1.7
Boron	1.0	16.7
Cadmium	0.003	0.05
Silver	0.03	0.5
Vanadium	10.0	167.0
Mercury	0	0
Iron	0.6	10.0
Magnesium	1000.0	16680.0
Aluminum	2.7	45.0
Manganese	0.3	5.0
Sulfides	1.4	23.4
Sulfates	500.0	8340.0
Ammonia (un-ionized)	0.08	1.3
Sodium	3500.0	58380.0
Potassium	2500.0	41700.0
Calcium	2500.0	41700.0
Arsenic	0.1	1.7
Free cyanide	0.2	3.3
Phenolic Compounds	20.0	334.0
Chlorinated hydrocarbons	0.02	0.3
Oil & Grease (Petroleum based)	50.0	834.0
Total Phosphorus	10.0-20.0	167.0-334.0
Total Nitrogen	35.0-75.0	584.0-1250.0
BOD5	240.0	4005.0
Suspended Solids	300.0	5005.0
Temperature		90 F
Ph		6.0 - 9.0

4f.

Does your base operate an Industrial Waste Treatment Plant (IWTP)?					YES
ID/Location of IWTP	Type of Treatment	Permitted Capacity	Ave Daily Discharge Rate	Maximum Capacity	Permit Status
SUBASE Bangor Building 7030	Waste Water	maximum	25K gallons	220K gallons	*PENDING
" " " "	Hazardous Waste Neutralization	maximum	5K gallons	10K gallons	RCRA EXEMPT
" " " "	Oil Separation	maximum	1K gallons	35K gallons	*PENDING

* Public notification for the final permit was scheduled to be published in the local newspaper on 29 MAY 1994.

List any permit violations and projects to correct deficiencies or improve the facility.

No permit violations.

PENDING IMPROVEMENT PROJECTS:

PROJECT NUMBER	PROJECT TITLE	STATUS
C27-90	Construct Decon Building	Project documentation complete. Awaiting funding.
C6-90	Construct Hazardous Waste Retention Facility	Awaiting finding of no significant impact pending at OP45. Positioned for late FY94. Contract awarded.
P-157	Construct Oily Waste Treatment Facility	Awaiting funding. 94 MILCON Construction Pending.

4g. Are there other waste treatment flows not accounted for in the previous tables? Estimate capacity and describe the system.

No. The above list is complete.

4h.

Does your base operate drinking Water Treatment Plants (WTP)?					YES
ID/Location of WTP	Operating (GPD)		Method of Treatment	Maximum Capacity	Permit Status
	Permitted Capacity	Daily Rate			
02714B/SUBASE	No permit required.	750+/-	Chlorination	Rated 1,000 GPH	Active

List permit violations and projects/actions to correct deficiencies or improve the facility.

None.

4i. If you do not operate a WTP, what is the source of the base potable water supply. State terms and limits on capacity in the agreement/contract, if applicable.

N/A. SUBASE Bangor operates a WTP.

4j.

Does the presence of contaminants or lack of supply of water constrain base operations. Explain.	NO
--	----

4k.

Other than those described above does your base hold any NPDES or stormwater permits? If YES, describe permit conditions.	NO
If NO, why not and provide explanation of plan to achieve permitted status.	

1) NPDES Stormwater Permit was submitted to EPA Nov 1993. Once the permit is issued, SUBASE Bangor will have 270 days to comply if there is no construction required. If construction is required, then 3 years. Questions still remain regarding multi-sector permits.

2) Wastewater Permit pending review by the U.S. Environmental Protection Agency.

3) Public notification for the final permit was scheduled to be published in the local newspaper on 29 MAY 1994.

TYCOM NOTE: THE WASTEWATER PERMIT DISCUSSED BY THE STATION IN PARAGRAPHS 2 AND 3 ABOVE APPLIES TO THE WASTEWATER FROM THE SUBASE BANGOR COMPLEX THAT DISCHARGES INTO THE KITSAP COUNTY MUNICIPAL SEWAGE SYSTEM, A PUBLICALLY OWNED TREATMENT WORKS (POWT). POWT

PRETREATMENT STANDARDS LISTED IN ITEM 4E WILL BE ENFORCED BY THIS PERMIT.

4l.

YES/NO

Does your base have bilge water discharge problem?	NO
Do you have a bilge water treatment facility?	YES

Explain:

1) The Ship Overboard Discharge (SOD) System at the Delta Pier when constructed (MILCON P-157), will increase our capacity to handle SOD at the Delta Pier and Industrial Waste Pre-Treatment Plant. The water is currently put through an expanded treatment facility at Building 7030. There is also an oil/water separator at building 7022.

4m.

Will any state or local laws and/or regulations applying to Environmental Facilities, which have been enacted or promulgated but not yet effected, constrain base operations or development plans beyond those already identified? Explain.	NO
---	----

4n. What expansion capacity is possible with these Environmental Facilities? Will any expansions/upgrades as a result of BRACON or projects programmed through the Presidents budget through FY1997 result in additional capacity? Explain.

MCON P-157, when constructed, will increase our capacity to handle SOD at the Delta Pier and Industrial Waste Pre-Treatment Plant.

4o. Do capacity limitations on any of the facilities discussed in question 4 pose a present or future limitation on base operations? Explain.

No. There are no known limits on present or future operations.

5. AIR POLLUTION

5a.

<p>What is the name of the Air Quality Control Areas (AQCA) in which the base is located? Puget Sound Air Pollution Control Agency (PSAPCA)</p>
<p>Is the installation or any of its OLFs or non-contiguous base properties located in different AQCA? No. List site, location and name of AQCA.</p>

5b. For each parcel in a separate AQCA fill in the following table. Identify with and "X" whether the status of each regulated pollutant is: attainment/nonattainment/maintenance. For those areas which are in non-attainment, state whether they are: Marginal, Moderate, Serious, Severe, or Extreme. State target attainment year.

Site: Naval Submarine Base, Bangor AQCA: PSAPCA

Pollutant	Attainment	Non-Attainment	Maintenance	Target Attainment Year ¹	Comments ²
CO	X				
Ozone	X				
PM-10	X				
SO ₂	X				
NO ₂	X				
Pb	X				

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

² Indicate if attainment is dependent upon BRACON, MILCON or Special Projects. Also indicate if the project is currently programmed within the Presidents FY1997 budget.

5c. For your base, identify the baseline level of emissions, established in accordance with the Clean Air Act. Baseline information is assumed to be 1990 data or other year as specified. Determine the total level of emissions (tons/yr) for CO, Nox, VOC, PM10 for the general sources listed. For all data provide a list of the sources and show your calculations. Use known emissions data, or emissions derived from use of state methodologies, or identify other sources used. "Other Mobile" sources include such items as ground support equipment. * Please see sources under 5d.

Emission Sources (Tons/Year)					
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO	26	455/975	0	0	481 1001
NOx	48	12/25	0	0	60 73
VOC	43	17/40	0	0	60 83
PM10	22	0.7/1.6	0	0	22.7 23.6

Source Document: SUBASE Bangor Air Emission Inventory (CY 1993)

TYCOM NOTE: THE FOLLOWING CALCULATIONS AND EXPLANATION PERTAIN TO THE "PERMITTED STATIONARY SOURCES".

EQUIPMENT IDENTIFIED AS POLLUTION SOURCES ARE LISTED BELOW. WASHINGTON STATE DOES NOT REQUIRE OPERATING PERMITS, BUT REQUIRES CONSTRUCTION PERMITS AND ANNUAL EQUIPMENT INVENTORY AND EMISSION INVENTORY. CALCULATIONS BASED ON A MATERIAL BALANCE. NO PERMIT CONDITIONS APPLY TO OPERATION. NO VIOLATIONS HAVE BEEN ISSUED.
1990 EMISSION CALCULATION SHEET

COAL - 1990 Coal Burned = 6930 tons
- Method #3; AP-42

(tons burned/yr)*(AP-42 FACTOR) = (lbs emitted/yr)
 CO 6930 tons * 6 = 41,580 lbs
 NOx 6930 tons * 7.5 = 51,975 lbs
 PM 6930 tons * 6 = 41,580 lbs
 SOx 6930 tons * 39 = 270,270 lbs
 VOC 6930 tons * 0.07 = 485 lbs

OIL - 1990 Oil Burned = 2,175,400 gallons
- Method #3; AP-42; per 1000 gallons burned

CO 5 * 2175 = 10,877 lbs
 NOx 20 * 2175 = 43,508 lbs
 PM 1 * 2175 = 2,175 lbs
 SOx 71.8 * 2175 = 156,194 lbs
 VOC 0.2 * 2175 = 435 lbs

SEGMENT 04: PAINT: SOLVENT BASED (EPOXY)	2.430
SEGMENT 05: LARGE SHIP ANTIFOULING PAINT	2.846
SEGMENT 06: THINNING SOLVENTS-ACETONE	.423
SEGMENT 07: THINNING SOLVENTS-BUTYL ALCOHOL	2.674
SEGMENT 08: THINNING SOLVENTS-ETHYL ALCOHOL	4.717
SEGMENT 09: THINNING SOLVENTS-ISOPROPYL ALCOHOL	1.488
SEGMENT 10: THINNING SOLVENTS-METHYL ETHYL KETONE	1.364
SEGMENT 11: SPRAY LUBRICANT	0
SEGMENT 12: THINNING SOLVENTS-MINERAL SPIRITS	3.420
SEGMENT 13: THINNING SOLVENTS-NAPHTHA	2.218
SEGMENT 14: THINNING SOLVENTS-TOLUENE	2.248
SEGMENT 15: THINNING SOLVENTS-XYLENE	5.640

POINT 004 PETROLEUM STORAGE TANKS

SEGMENT 01: UNDERGROUND STORAGE TANKS- GASOLINE (RVP-13)	4.963
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POINT 005 RUBBER AND MISC PLASTIC PRODUCTS	0
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TOTAL	43 TONS/YR
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SOURCE DOCUMENT: SUBASE BANGOR EMISSION STATEMENT DTD 30 DEC 93

TYCOM NOTE: THE FOLLOWING EXPLANATIONS AND CHANGES RECEIVED FROM THE STATION ON 31 MAY 94 APPLY TO EMISSION SOURCES QUANTITIES SHOWN FOR "PERSONAL AUTOMOBILES" IN ITEMS 5C AND 5D.

PSAPCA DOES NOT REQUIRE SUBASE BANGOR COMPLEX TO REPORT EMISSIONS FROM VEHICLES SINCE KITSAP COUNTY IS AN ATTAINMENT ZONE. THE EMISSIONS SHOWN IN ITEMS 5C (REVISED) AND 5D (REVISED) ARE CALCULATED FROM THE AMOUNT OF GASOLINE DISPENSED AT THE PUBLIC WORKS GAS STATION FOR GOVERNMENT VEHICLE USE. SUBASE BANGOR ASSUMED ALL GASOLINE WAS CONSUMED ON BASE BY GOVERNMENT VEHICLES. ALSO, SUBASE ASSUMED TRF BANGOR (ALSO REPORTING UNDER THIS DATA CALL) USED 50% OF GASOLINE CONSUMED FOR GOVERNMENT VEHICLES. TRF BANGOR HAS A FLEET OF GOVS EQUIVALENT TO SUBASE BANGOR'S. EMISSIONS FROM PRIVATE VEHICLES ARE NOT REPORTED TO PSAPCA FOR THE SAME REASON GIVEN ABOVE.

CALCULATIONS FOR 1990 AND 1993 WERE DONE USING EPA'S AP-42 MANUAL OF EMISSION FACTORS. EMISSION FACTORS IN LBS/1000 GALLONS BURNED ARE:

PM10 - 6.47; SOX - 5.31; NOX - 102; VOC - 161; CO - 3940

1990 495,200 GALLONS
1993 423,150 GALLONS

1990 495.2 X 3940/2000 LBS/TON = 975 TONS CO
495.2 X 161/2000 LBS/TON = 40 TONS VOC
495.2 X 102/2000 LBS/TON = 25 TONS NOX
495.2 X 6.47/2000 LBS/TON = 1.6 TONS PM10

1993 423.1 X 3940/2000 LBS/TON = 833 TONS CO
423.1 X 161/2000 LBS/TON = 34 TONS VOC
423.1 X 102/2000 LBS/TON = 21 TONS NOX
423.1 X 6.47/2000 LBS/TON = 1.4 TONS PM10

5d. For your base, determine the total FY1993 level of emissions (tons/yr) for CO, NOx, VOC, PM10 for the general sources listed. For all data provide a list of the sources and show your calculations. Use known emissions data, or emissions derived from use of state methodologies, or identify other sources used. "Other Mobile" sources include such items as ground support equipment.

Emissions Sources (Tons/Year)					
Pollutant	Permitted Stationary	Personal Automobiles	Aircraft Emissions	Other Mobile	Total
CO	12	833	0	0	845
NOx	83	22/21	0	0	105 104
VOC	20	31/34	0	0	51 54
PM10	4	1/1.4	0	0	5 5.4

Source Document: SUBASE Bangor Air Emission Inventory (CY 1993)

TYCOM NOTE: CORRECT EMISSION AMOUNTS RECEIVED FROM STATION ON 31 MAY 94 ENTERED BY TYCOM IN BOLD AND TOTALS CORRECTED ACCORDINGLY.

REGISTERED LIST OF AIR POLLUTION SOURCES

	SUBASE		TRF	
	1990	1993	1990	1993
SPRAY PAINTING	12	11	5	8
BLASTING	1	1	1	1
USTs	16	19	0	0
BOILERS	21	23	0	0
SOLVENT CLEANERS	2	4	0	2
LAMINAR FLOW BOOTH	2	2	0	0
ASBESTOS HANDLING EQUIPMENT	1	1	0	0
PLATING EQUIPMENT	0	0	5	5
POLYURETHANE PROCESSING	0	0	3	4
OVEN	0	0	9	10
PLASMA ARC METAL DEPOSITION	0	0	1	1
POTTING BOOTH	0	0	1	1
PAINT MIXING ROOM	0	2	0	0
AERATION BASIN	0	1	0	0
GRINDER	0	0	0	1
SANDER	0	0	0	1
SILK SCREEN	0	0	0	1

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SANDING TABLE	0	1	0	0
FIREFIGHTING TRAINER	0	2	0	0

1993 EMISSION CALCULATION SHEET

COAL - 1993 Coal Burned = 8886 tons
 - Method #1; Source Test (attached)
 - Per boiler operator supervisor, @ 85-95% capacity these boilers use 4 tons/hr of coal.
 - emitted lbs/hr of VOCs is the sum of the volatiles recorded

$$((\text{lbs emitted/hr}) / (4 \text{ tons/hr burned})) * (\text{tons burned/yr}) = (\text{lbs emitted/yr})$$

CO	(5.81	/ 4)	* 8886 tons =	12,907 lbs
NOx	(56.04	/ 4)	* 8886 tons =	124,493 lbs
PM	(2.92	/ 4)	* 8886 tons =	6,487 lbs
SOx	(62.11	/ 4)	* 8886 tons =	137,977 lbs
VOC	(.02306	/ 4)	* 8886 tons =	51 lbs

OIL - 1993 Oil Burned = 2,080,000 gallons
 - Method #3; AP-42, SCC 1-02-005-01, per 1000 gallons burned

CO	5	* 2080 =	10,400 lbs
NOx	20	* 2080 =	41,600 lbs
PM	1	* 2080 =	2,080 lbs
SOx	71.8	* 2080 =	149,344 lbs
VOC	0.2	* 2080 =	416 lbs

GASOLINE - 1993 Gasoline Throughput = 1,952,000 gallons
 - Method #3; AP 42
 - Emission Factors - 0.3 lb/1000 gal (filling UST)
 - 9.0 lb/1000 gal (filling vehicle)

VOC 9.3 * 1,952 = 18,154 lbs

TYCOM NOTE: THE 1993 DATA SHOWN ABOVE FOR THE SUBASE BANGOR COMPLEX WERE BASED ON METHODS (1), (2) AND (3) DISCUSSED IN THE PREVIOUS TYCOM NOTE. EMISSIONS (CO, NOx, PM10, AND VOC) FROM INDUSTRIAL BOILERS UTILIZING COAL AND OIL WERE CALCULATED WITH METHOD 1 EMISSION TEST AND METHOD 3 EPA EMISSION FACTORS, RESPECTIVELY.

THE EMISSION CALCULATIONS FOR VOC FROM INDUSTRIAL BOILERS AND GASOLINE OPERATIONS SHOWN COMPRISE ONLY A PORTION OF THE TOTAL VOC EMISSION. MISSING ARE THE METHOD 2 MATERIAL BALANCE CALCULATIONS UTILIZED TO DETERMINE THE VOC EMISSIONS FROM DEGREASING, COATING AND OTHER OPERATIONS. THE MATERIAL BALANCE METHOD REQUIRED THE COMPILATION OF ALL TOXIC CHEMICALS CONSUMED AND DISPOSED AND CONSISTS OF SUBSTANTIAL AMOUNT OF PAPER WORK AND THEREFORE NOT INCLUDED.

THE FOLLOWING TABLE SUMMARIZES THE TOTAL VOC EMISSION FOR 1993.

1993 VOC
EMISSION POINT/SEGMENT SUMMARY

	1993 VOC (TONS/YR)
POINT 001 EXTERNAL COMBUSTION BOILER-INDUS	
SEGMENT 01: DISTILLATE OIL-GRADES 1&2	.223
SEGMENT 02: BITUMINOUS COAL-OVERFED STOKER	.025
POINT 002 ORGANIC SOLVENT EVAP-DEGREASING	
SEGMENT 01: DEGREASER UNITS, GENERAL(FREON 113)	0
SEGMENT 02: COLD SOLVENT CLEANING/STRIPPING	0
SEGMENT 03: COLD SOLVENT CLEANING/STRIPPING	0
SEGMENT 04: COLD SOLVENT CLEANING/STRIPPING	.620
POINT 003 SURFACE COATING OPERATIONS	
SEGMENT 01: LACQUER AND GENERAL	.088
SEGMENT 02: ENAMEL GENERAL	1.253
SEGMENT 03: LARGE SHIP PRIMER	.733
SEGMENT 04: PAINT: SOLVENT BASED (EPOXY)	.035
SEGMENT 05: LARGE SHIP ANTIFOULING PAINT	.184
SEGMENT 06: THINNING SOLVENTS-ACETONE	.394
SEGMENT 07: THINNING SOLVENTS-BUTYL ALCOHOL	.546
SEGMENT 08: THINNING SOLVENTS-ETHYL ALCOHOL	2.447
SEGMENT 09: THINNING SOLVENTS-ISOPROPYL ALCOHOL	.382
SEGMENT 10: THINNING SOLVENTS-METHYL ETHYL KETONE	.098
SEGMENT 11: SPRAY LUBRICANT	0
SEGMENT 12: THINNING SOLVENTS-MINERAL SPIRITS	2.635
SEGMENT 13: THINNING SOLVENTS-NAPHTHA	0
SEGMENT 14: THINNING SOLVENTS-TOLUENE	.081
SEGMENT 15: THINNING SOLVENTS-XYLENE	1.248
POINT 004 PETROLEUM STORAGE TANKS	
SEGMENT 01: UNDERGROUND STORAGE TANKS- GASOLINE (RVP-13)	9.077
POINT 005 RUBBER AND MISC PLASTIC PRODUCTS	0
TOTAL	20 TONS/YR

SOURCE DOCUMENT: SUBASE BANGOR EMISSION STATEMENT DTD 30 DEC 93

5e. Provide estimated increases/decreases in air emissions (Tons/Year of CO, NOx, VOC, PM10) expected within the next six years (1995-2001). Either from previous BRAC realignments and/or previously planned downsizing shown in the Presidents FY1997 budget. Explain.

Sox: Decrease 50% due to boiler conversion to natural gas
CO: Increase 10-20% due to automobile (BRAC: Parche, COMNAVBASE SEATTLE, Family Housing)
Nox: Increase 50% due to boiler conversion to natural gas
VOC: Decrease 80% from permitted sources (Stage II: Expect installation of vapor recovery from fuel dispensers during 1994. Overall VOC emissions shall decrease by an estimated 70%),
Personal automobile increase 10-20% (BRAC: Parche, COMNAVBASE Seattle, Family Housing)
PM₁₀: Decrease 50% due to boiler conversion to natural gas

5f. Are there any critical air quality regions (i.e. non-attainment areas, national parks, etc.) within 100 miles of the base? Yes.

EAST/SOUTH PUGET SOUND REGION (nonattainment)
OLYMPIC NATIONAL PARK

5g. Have any base operations/mission/functions (i.e.: training, R&D, ship movement, aircraft movement, military operations, support functions, vehicle trips per day, etc.) been restricted or delayed due to air quality considerations. Explain the reason for the restriction and the "fix" implemented or planned to correct.

Yes. Abrasive blasting operations in the Delta Pier Dry Dock were modified with new low dust emission abrasive blast equipment coupled with procedural and chemical process changes to meet Puget Sound Air Pollution Agency requirements (TRIREFFAC).

5h. Does your base have Emission Reduction Credits (ERCs) or is it subject to any emission offset requirements? If yes, provide details of the sources affected and conditions of the ERCs and offsets. Is there any potential for getting ERCs?

No. The second question is not applicable.

6. ENVIRONMENTAL COMPLIANCE

- 6a. Identify compliance costs, currently known or estimated that are required for permits or other actions required to bring existing practices into compliance with appropriate regulations. Do not include Installation Restoration costs that are covered in Section 7 or recurring costs included in question 6c. For the last two columns provide the combined total for those two FY's.

Program	Survey Completed ?	Costs in \$K to correct deficiencies					
		FY94	FY95	FY96	FY97	FY98-99	FY00-01
Air	YES	205K	1036K	418K	25K	50K	75K
Hazardous Waste	YES	650 1K	100K	10	10	-10	10
Safe Drinking Water Act	YES	50K	315K	1.5K	1.5K	3K	3K
PCBs	YES	25	500K	0	0	0	0
Other (non-PCB) Toxic Substance Control Act	YES	100K	300K	0	0	0	0
Lead Based Paint	NO	0	200K	0	0	0	0
Radon	YES	0	0	0	0	0	0
Clean Water Act	YES	851.6 4K	845K	25K	25K	50K	50K
Solid Waste	YES	0	0	0	0	0	0
Oil Pollution Act	YES	25K	28K	0	0	0	0
USTs	YES	168.5 K	45K	75K	75K	10K	10K
Other (Pollution Prevention and EPCRA)	YES	409K	0	0	0	0	0
Total	YES	2454. 84	3356	519.5	126.5	126.5	138

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

6a. CONTINUED

TYCOM NOTE: THE FOLLOWING TABLE PROVIDES A SUMMARY OF COMPLIANCE PROJECTS AND STUDIES FOR SUBASE BANGOR. IN REVIEWING THE TABLE PLEASE NOTE THE FOLLOWING:

- STUDIES: THE START AND COMPLETION DATES FOR "STUDIES" ARE LISTED UNDER THE DESIGN START AND COMPLETION COLUMNS. THERE IS NO CONSTRUCTION ASSOCIATED WITH STUDIES, SO THESE BLOCKS ARE BLANK. THE TYCOM HAS ENTERED "N/A" IN THESE BLOCKS.
- PROJECTS: EACH PROJECT HAS TWO LINE ENTRIES. ONE IS THE DESIGN, ONE IS THE ACTUAL CONSTRUCTION. THEREFORE, DESIGN LINE ENTRIES WILL NOT HAVE A CONSTRUCTION START/COMPLETION DATE. THE TYCOM HAS ENTERED "N/A" IN THESE BLOCKS. FOR CONSTRUCTION OR M/R (MAINTENANCE/REPAIR) LINE ENTRIES, IN MOST CASES THE DESIGN BLOCKS ARE BLANK BECAUSE THAT INFORMATION IS PROVIDED IN THE PREVIOUS LINE ENTRY. THE TYCOM HAS ENTERED "COMPLETE" OR "N/A" AS APPROPRIATE FOR THESE PROJECTS. FOR PROJECTS WHICH ARE UNDER DESIGN BUT UPGRAMMED, THE CONSTRUCTION START/COMPLETION DATE IS LISTED AS "UNKNOWN".

PCR #	PROJECT TITLE	EXECUT	AGENT	ACC OMP	FY94	EST	OBLI G	EST	DESI GN	EST	DESI GN	EST	DESI GN	EST	CONSTR	EST	CONSTR	EST	ACTI VITY	W/R #	\$ TYPE
A33 1E	AIR PERMIT STUDY, TITLE V	EFA NW	AGENT	C	\$150.00	06/24/94	07/01/94	03/01/95	07/01/94	07/01/94	03/01/95	07/01/94	07/01/94	07/01/94	N/A	07/01/94	07/01/94	01/15/95	ESR	18-2158	Study
W40 0L	LIFT STATION/WET WELLS	ACTIV	ACTIV	I	\$84.70	05/01/94	COM- PLET E	Comp lete	COM- PLET E	COM- PLET E	Comp lete	07/01/94	07/01/94	07/01/94	07/01/94	07/01/94	07/01/94	01/15/95	18-2158	18-2158	Cost
W40 0L	LIFT STATION/WET WELLS	ACTIV	ACTIV	I	\$50.00	06/15/94	COM- PLET E	N/A	COM- PLET E	COM- PLET E	Comp lete	08/01/94	08/01/94	08/01/94	08/01/94	08/01/94	08/01/94	02/01/95	Vari ous	Vari ous	Cost
W40 0U	DETENTION POND UPGRADE	ACTIV	ACTIV	I	\$145.61	05/01/94	COM- PLET E	Comp lete	COM- PLET E	COM- PLET E	Comp lete	08/01/94	08/01/94	08/01/94	08/01/94	08/01/94	08/01/94	02/01/95	12-0806	12-0806	Cost

Activity UIC: N68436

Activity ID	Activity Description	ACTIVITY	I	\$20.00	05/00	06/00	09/00	11/00	06/00	18-2084?	Design
W400U	DETENTION POND UPGRADE	ACTIVITY	I	\$20.00	05/01/94	06/01/94	09/01/94	11/01/94	06/01/95		
A331A	INV VOC EMISSIONS	ACTIVITY	I	\$80.00	03/14/94	5/94	8/94	N/A	N/A	N/A	Study
W400J	WHARF SPCC DEFIC	ACTIVITY	I	\$329.00	05/01/94	COM- PLET E	Complete	07/15/94	04/01/95	07-0067	M/R
SO79E	UST ASSESSMENT	ACTIVITY	I	\$44.00	05/01/94	07/01/94	08/01/94	N/A	N/A	N/A	Study
SO79L	UST REMOVAL	ACTIVITY	I	\$60.00	05/01/94	06/15/94	08/15/94	09/30/94	11/15/94	N/A	M/R
A331L	ASBESTOS SURVEY	ACTIVITY	I	\$100.00	04/04/94	07/01/94	12/01/94	N/A	N/A	N/A	Study
W400S	BMP STRMWTR IMPROVEMENT	ACTIVITY	I	\$15.00	06/03/94	07/01/94	09/01/94	11/01/94	01/15/95	18-2480	Design
W400S	BMP STRMWTR IMPROVEMENT	ACTIVITY	I	\$50.00	05/01/94	06/15/94	07/30/94	08/15/94	09/15/94	N/A	M/R
W400S	BMP STRMWTR IMPROVEMENT	EFA NW	C	\$18.00	06/03/94	06/15/94	09/15/94	N/A	N/A	N/A	Study
W400P	COAL STORAGE UPGRADE	ACTIVITY	I	\$10.00	03/18/94	05/30/94	07/30/94	N/A	N/A	N/A	Design
W400Z	CONSTRUCT DECON BLDG	ACTIVITY	I	\$16.31	05/01/94	03/30/93	05/31/94	N/A	N/A	12-0927	Design
W400Z	CONSTRUCT DECON BLDG	ACTIVITY	I	\$290.00	07/15/94	N/A	N/A	08/30/94	06/30/95	12-0927	Cons
D120A	CROSS CONNECT UPGRADE	ACTIVITY	I	\$45.00	05/01/94	07/01/94	08/15/94	09/15/94	12/15/94	18-2425	M/R

Activity UIC: N68436

W40 OX	IND SUPPT AREA O/W SEP	ACTIV ITY	I	\$11.3 3	04/0 4/94	04/0 4/94	07/1 9/94	N/A	N/A	07-0 075	Design	
W40 OX	IND SUPPT AREA O/W SEP	ACTIV ITY	I	75.00	08/1 5/94	N/A	N/A	09/1 6/94	04/3 0/95	07-0 075	Co ns t	
W40 OX	IND SUPPT AREA O/W SEP	ACTIV ITY	I	\$7.00	05/0 1/94	COM- PLET E	Comp lete	06/0 1/94	07/0 1/94	N/A	M/ R	
W40 OX	IND SUPPT AREA O/W SEP	ACTIV ITY	I	\$242. 00	07/1 5/94	COM- PLET E	Comp lete	08/0 1/94	05/1 5/95	07-0 055	Co ns t	
T03 9C	REM/REPL PCB CONTAMINATED EQ	ACTIV ITY	I	\$4.41	05/0 1/94	COMP LETE	COMP LETE	COMP LETE	Comp lete	18-2 381	Co ns t	
T03 9C	REM/REPL PCB CONTAMINATED EQ	ACTIV ITY	I	\$16.5 3	05/0 1/94	03/2 1/94	09/2 7/94	11/1 5/94	12/1 5/95	18-2 380	Design	
W40 OW	SPILL CONTROL IMPROV B1016	ACTIV ITY		NONE	COMP LETE	COMP LETE	COMP LETE	COMP LETE	COMP LETE	N/A		
W40 OV	STORMWATER POLL PREV PLAN	EFA NW	C	\$70.0 0	06/0 3/94	10/9 4	UNK	N/A	N/A	N/A	Design	
S07 9S	UPGR/CONST HW ACCUM AREAS	ACTIV ITY	I	\$40.0 0	05/0 1/94	07/1 5/94	12/1 5/94	N/A	N/A	07-0 087	Design	
S07 9S	UPGR/CONST HW ACCUM AREAS	ACTIV ITY	I	\$283. 00	05/0 1/94	COM- PLET E	Comp	08/1 6/94	04/3 0/95	18-1 738	Co ns t	
W40 OT	VEH WASHDOWN PAD CBU-418	ACTIV ITY	I	\$3.00	05/0 1/94	07/0 1/94	11/0 1/94	N/A	N/A	N/A	Design	
A33 1M	REPL/CONVERT ODS EQUIP	ACTIV ITY	I	\$30.0 0	05/0 1/94	07/0 1/94	12/0 1/94	N/A	N/A	07-0 084	St ud y	
	TOTAL			\$2,28 9.88								

Activity UIC: N68436

PCR #	PROJECT TITLE	EXECUT	METHOD	CWE	FY95	EST	OBLIG	EST	DESIGN	EST	DESIGN	EST	CONSTR	EST	CONSTR	W/R #	\$ TYPE
		AGENT	ACCOMP	(\$000)	DATE	STAR	COMP	STAR	COMP	STAR	COMP	STAR	COMP	STAR	COMP		
W400U	DETENTION POND UPGRADE	ACTIVITY	I	\$100.00	10/01/94	06/01/94	09/01/94	11/01/94	06/01/95	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Design
SO79I	UST RETROFIT	ACTIVITY	I	\$27.00	10/01/94	12/15/94	8/95	N/A	03/01/95	09/01/95	N/A	N/A	N/A	N/A	N/A	N/A	Design
SO79L	UST REMOVAL	ACTIVITY	I	\$60.00	12/01/94	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	M/R
A331L	ASBESTOS SURVEY	ACTIVITY	I	\$300.00	10/01/94	11/15/94	12/31/95	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Study
W400S	BMP STRMWTR IMPROVEMENT	ACTIVITY	I	\$20.00	10/01/94	07/01/94	09/01/94	11/01/94	01/15/95	03/01/95	09/01/95	18-2480	N/A	N/A	N/A	N/A	Cons
W400S	BMP STRMWTR IMPROVEMENT	ACTIVITY	I	\$300.00	01/01/95	COMPLET	COMPLET	03/01/95	03/01/96	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Cons
W400P	COAL STORAGE UPGRADE	ACTIVITY	I	\$250.00	10/01/94	05/30/94	07/30/94	12/01/94	09/01/95	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Cons
D120A	CROSS CONNECT UPGRADE	ACTIVITY	I	\$100.00	10/01/94	N/A	N/A	12/01/94	06/01/95	N/A	N/A	N/A	N/A	N/A	N/A	N/A	M/R
D120A	CROSS CONNECT UPGRADE	ACTIVITY	I	\$15.00	10/01/94	11/15/94	03/01/95	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	DESIGN

Activity UIC: N68436

A33 1E	AIR PERMIT STUDY, TITLE V (Emission Reductions)	EFA NW	C	\$35.0 0	10/0 1/94	11/1 5/94	02/2 8/95	N/A	N/A	ESR	St ud y	
A	EMISS CONTR-COLD SOL DEGRE	ACTIV ITY	I	\$7.00	05/0 1/95	07/0 1/95	02/2 8/96	N/A	N/A	N/A	Design	
A33 1J	EMISS CONSTR-PAINT STRIPPING TANKS	ACTIV ITY	I	\$5.00	05/0 1/95	07/0 1/95	02/2 8/96	N/A	N/A	N/A	Design	
A33 1I	EMISS CONSTR-SOLVENT SPRAY	ACTIV ITY	I	\$6.00	05/0 1/95	07/0 1/95	02/2 8/96	N/A	N/A	N/A	Design	
A33 1H	SAND/GRIND OPS EMISS REDUC	ACTIV ITY	I	\$10.0 0	05/0 1/95	07/0 1/95	02/2 8/96	N/A	N/A	N/A	Design	
A33 1K	FIBERGLASS OPS EMISS REDUC	ACTIV ITY	I	\$10.0 0	05/0 1/95	07/0 1/95	02/2 8/96	N/A	N/A	N/A	Design	
W40 0X	IND SUPPT AREA O/W SEP	ACTIV ITY	I	\$25.0 0	01/0 1/95	N/A	N/A	02/0 1/95	04/0 1/95	N/A	M/ R	
T03 9C	REM/REPL PCB CONTAMINATED EQ	ACTIV ITY	I	\$500. 00	10/0 1/94	03/2 1/94	09/2 7/94	11/1 5/94	12/1 5/95	18-2 380	M/ R	
W40 0Q	STORMWATER COLL SYS, KBD, MW, MSF	ACTIV ITY	I	\$25.0 0	10/0 1/94	12/0 1/94	04/3 0/95	N/A	N/A	N/A	St ud y	
W40 0Q	STORMWATER COLL SYS, KBD, MW, MSF	ACTIV ITY	I	\$175. 00	04/0 1/95	06/0 1/95	09/0 1/95	11/0 1/95	06/0 1/96	N/A	D & C	
W40 0T	VEH WASHDOWN PAD CBU-418	ACTIV ITY	I	\$25.0 0	11/0 1/94	07/0 1/94	11/0 1/94	01/0 1/95	04/0 1/95	N/A	Co ns t	
A33 1M	REPL/CONVERT ODS EQUIP	ACTIV ITY	I	\$300. 00	12/0 1/94	02/0 1/95	06/0 1/95	08/0 1/95	08/0 1/96	07-0 084	D & C	

Activity UIC: N68436

PCR #	PROJECT TITLE	EXECUT	METHOD	CWE (\$000)	OBLIG	DESIGN	DESIGN	CONSTR	CONSTR	ACTIVITY	W/R #	\$ TYPE
A	EMISS CONTR-COLD SOL DEGRE	ACTIVITY	I	\$100.00	UNK	UNK	UNK	UNK	UNK	N/A		Const
A33 1J	EMISS CONSTR-PNT STRIP TANKS	ACTIVITY	I	\$45.00	UNK	UNK	UNK	UNK	UNK	N/A		Const
A33 1I	EMISS CONSTR-SOLVENT SPRAY	ACTIVITY	I	\$48.00	UNK	UNK	UNK	UNK	UNK	N/A		Const
A33 1H	SAND/GRIND OPS EMISS REDUC	ACTIVITY	I	\$100.00	UNK	UNK	UNK	UNK	UNK	N/A		Const
A33 1K	FIBERGLASS OPS EMISS REDUC	ACTIVITY	I	\$100.00	UNK	UNK	UNK	UNK	UNK	N/A		Const
	TOTAL			\$393.00								

6b.

Does your base have structures containing asbestos? YES What % of your base has been surveyed for asbestos? 50% Are additional surveys planned? YES What is the estimated cost to remediate asbestos (\$K)

UNKNOWN.

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

Asbestos survey costs are based on square footage of buildings to be surveyed. Remediation costs, whether encapsulation or removal, are case specific and will not be known until our survey is completed. Based on past non-certified inspections, our remediation costs will be minimal.

6c. Provide detailed cost of operational (environmental) compliance costs, with funding source. *Costs in \$K

Funding Source	FY92	FY93	FY94	FY95	FY96	FY97	FY98 -99	FY00 -01
O&MN			737*	799*	799*	799*	1600*	1600*
HA								
PA			2239	2795	393			
Other (specify)								
TOTAL			2976	3594	1192	799*	1600*	

*These figures do not account for BOSC lump sum contract cost, labor, or inflation.

TYCOM NOTE: THE ABOVE TABLE HAS BEEN CORRECTED BY TYCOM TO COMPLY WITH AMENDMENT TWO OF DATA CALL 33 AND IS PROVIDED BELOW.

Funding Source	FY92	FY93	FY94	FY95	FY96	FY97	FY98 -99	FY00 -01
O&MN							1600*	1600*
							0	0
HA			0	0	0	0	0	0
PA			2239	2795	393	0	0	0
OTHER								
O&MN			737*	799*	799*	799*	1600*	1600*
Other (specify)			0	0	0	0	0	0
TOTAL			2976	3594	1192	799*	1600*	1600

*These figures do not account for BOSC lump sum contract cost, labor, or inflation.

6d. Are there any compliance issues/requirements that have impacted operations and/or development plans at your base. **NO.**

7a.

Does your base have any sites that are contaminated with hazardous substances or petroleum products?	YES
Is your base an NPL site or proposed NPL site?	YES

7b. Provide the following information about your Installation Restoration (IR) program. Project list may be provided in separate table format. Note: List only projects eligible for funding under the Defense Environmental Restoration Account (DERA). Do not include UST compliance projects properly listed in section VI.

Site # or Name	Type Site	Groundwater Contaminated	Extends off Base?	Drinking Water Source	Cost to Complete?	Est. Comp Date?	Status/Comment
PW Gas Station	UST	YES	UNKNOWN	SEE BELOW *	2.0M	1998	RD
NEX Gas Station	UST	NO	N/A	N/A	0.15M	1995	RD
Operable Unit 1	CERCLA	YES	NO	SEE BELOW *	7.2M	2006	RD/RA
Operable Unit 2	CERCLA	YES	NO	SEE BELOW *	17.6M	2027	RD
Operable Unit 3	CERCLA	UNKNOWN	UNKNOWN	SEE BELOW *	1.2M	2001	RD
Operable Unit 6	CERCLA	NO	N/A	N/A	1.5M	1998	FS
Operable Unit 7	CERCLA	UNKNOWN	NO	SEE BELOW *	3.5M	2002	FS

* NOTE: ALL CONTAMINATION DETECTED IS IN THE SHALLOW AQUIFER (WATER TABLE AQUIFER). THERE IS NO CONTAMINATION IN THE DEEPER SEA LEVEL AQUIFER WHICH SUBBASE BANGOR GETS ITS POTABLE WATER. THE SHALLOW AQUIFER IS A POTABLE WATER SOURCE FOR OFF-BASE WELLS. THERE IS NO KNOWN CONTAMINATION FROM SUBBASE BANGOR TO THE OFF-BASE WELLS.

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

² Status = PA, SI, RI, RD, RA, long term monitoring, etc.

7c. Have any contamination sites been identified for which there is no recognized/accepted remediation process available? List.

No.

7d.

Is there a groundwater treatment system in place?	YES
Is there a groundwater treatment system planned?	YES

State scope and expected length of pump and treat operation.

- 1) Site F Interim Remedial Action Containment Pumping and Treating (granular activated carbon): 3 years
- 2) Site F Remedial Action Pump and Treatment (granular activated carbon): 30 years
- 3) Site A Remedial Action Pump and Treatment (advanced oxidation): 10 years
- 4) Public Works Gas Station (Skimmer, free product removal): 3 years

7e.

Has a RCRA Facilities Assessment been performed for your base?	YES
--	-----

Incinerator closure.

TYCOM NOTE: A RCRA FACILITIES ASSESSMENT OF THE HW PROGRAM IS CONDUCTED ANNUALLY AS PART OF THE ECE PROGRAM. BOTH SUBASE AND TRF ARE CONSIDERED "GENERATORS" FOR THE PURPOSE OF RCRA. HOWEVER, FROM A RCRA PERMITTED FACILITY STANDPOINT, A "RCRA FACILITY ASSESSMENT" WAS PERFORMED WHEN THE PERMITTED INCINERATOR AT SUBASE BANGOR WAS CLOSED.

7f. Does your base operate any conforming storage facilities for handling hazardous materials? If YES, describe facility, capacity, restrictions, and permit conditions.
 Yes. No permit required.

<u>Building No.</u>	<u>Capacity</u>	<u>Restrictions</u>
1038	33,800 SF	OSHA
1268	4,500 SF	OSHA
7089	11,325 SF	OSHA

7g. Does your base operate any conforming storage facilities for handling hazardous waste? If YES, describe facility, capacity, restrictions, and permit conditions.

No.

7h. Is your base responsible for any non-appropriated fund facilities (exchange, gas station) that require cleanup? If so, describe facility/location and cleanup required/status.

Yes. Navy Exchange Gasoline Tank 2949-3 located on the southwest portion of SUBASE Bangor. Soil cleanup is currently in the remedial design stage. Please see 7b for costs.

7i.

Do the results of any radiological surveys conducted indicate limitations on future land use? Explain below.	No.
--	-----

7j. Have any base operations or development plans been restricted due to Installation Restoration considerations?

Yes.

Site 16/24: Future Residential Construction restriction.
 Site A (Debris Area 2): Future Residential Construction
 Site F: Shallow Aquifer use restriction is anticipated in future records of decisions (The base potable water is from a deeper aquifer). The shallow aquifer has and is planned to have no potable application.

7k. List any other hazardous waste treatment or disposal facilities not included in question 7b above. Include capacity, restrictions, and permit conditions.

Industrial Wastewater Pretreatment Plant, Building 7030
 Plant Discharge Rate: Not metered
 Capacity: 100K Gal/MIN
 Year Constructed: 1978
 Commenced Operations: 1981
 Permit Status: Washington State, Permit By Rule
 Violations: None

8. LAND / AIR / WATER USE

8a. List the acreage of each real estate component controlled or managed by your base (e.g., Main Base - 1,200 acres, Outlying Field - 200 acres, Remote Range - 1,000 acres, remote antenna site - 5 acres, Off-Base Housing Area - 25 acres).

Parcel Descriptor	Acres	Location
SUBASE Bangor (Main Base)	6129.68	Kitsap County

Railroad Right-of-Way	257.53	Kitsap County
Camp Wesley Harris Rifle Range	388.47	Kitsap County
Kingston Family Housing	3.60	Kitsap County
Winslow Family Housing	5.60	Kitsap County

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

LAND USE CATEGORY		ACRES
Total Developed: (administration, operational, housing, recreational, training, etc.)		588.61 acres
Total Undeveloped (areas that are left in their natural state but are under specific environmental development constraints, i.e.: wetlands, endangered species, etc.)	Wetlands:	254 acres
	All Others:	0
Total Undeveloped land considered to be without development constraints, but which may have operational/man caused constraints (i.e.: HERO, HERF, HERP, ESQD, AICUZ, etc.) TOTAL		4565.6 acres 4638.3
Total Undeveloped land considered to be without development constraints		1190.77 acres 1800.44
Total Off-base lands held for easements/lease for specific purposes		397.67 acres
Breakout of undeveloped, restricted areas. Some restricted areas may overlap:	ESQD	3,321.39 acres
	HERF	0
	HERP	0
	HERO	3991.75 acres
	AICUZ	0
	Airfield Safety Criteria	0
	Other	0

TYCOM NOTE: CORRECT ACREAGE OBTAINED FROM BRAC DATA CALL 6, SUBBASE BANGOR. ENTERED IN BOLD BY TYCOM UNDER STATIONS INPUT.

8c. How many acres on your base (includes off base sites) are dedicated for training purposes (e.g., vehicular, earth moving, mobilization)? This does not include buildings or interior small arms ranges used for training purposes. 37.84 acres

8d. What is the date of your last AICUZ update?
 / / Are any waivers of airfield safety criteria in effect on your base? Y/N Summarize the conditions of the waivers below.

N/A. There are no AICUZ Zones on SUBBASE Bangor.

8e. List the off-base land use types (e.g, residential, industrial, agricultural) and acreage within Noise Zones 2 & 3 generated by your flight operations and whether it is compatible/incompatible with AICUZ guidelines on land use.

Acreage/Location/ID	Zones 2 or 3	Land Use	Compatible / Incompatible
NONE			

8f. List the navigational channels and berthing areas controlled by your base which require maintenance dredging? Include the frequency, volume, current project depth, and costs of the maintenance requirement.

Navigational Channels/ Berthing Areas	Location / Description	Maintenance Dredging Requirement			
		Frequency	Volume (MCY)	Current Project Depth (FT)	Cost (\$M)
Keyport/ Bangor Dock	Small Craft Pier	5-7 years	4500 cu. yds.	15.5 feet below MLLW	0.18

8g. Summarize planned projects through FY 1997 requiring new channel or berthing area dredged depths, include location, volume and depth.

1) FY94: KB Dock Small Craft Pier Maintenance Dredging/4,500 y³/15.5 feet below MLLW: Depth adequate to moor torpedo retrievers and other utility vessels with drafts up to 10 feet along sheltered inboard face of pier's south leg. Disposal at Port Townsend open-water dispersive disposal site.

2) FY94: Delta Pier Caisson Dredging MCON P-072 Project/10,300 y³/10 feet below MLLW: Enable the Navy to store a spare caisson at the drydock.

3) FY96: MCON P-909 Project/unknown/Dredge the south leg of Marginal Wharf to moor OHIO class submarines.

8h.

Are there available designated dredge disposal areas for maintenance dredging material? List location, remaining capacity, and future limitations.	YES*
Are there available designated dredge disposal areas for new dredge material? List location, remaining capacity, and future limitations.	YES*
Are the dredged materials considered contaminated? List known contaminants.	NO**

* There are no upland disposal area. The open water disposal locations, capacities, and future limitations for maintenance and new dredge material are below.

** All current dredging operations meet the Puget Sound Dredge Disposal Analyses requirements.

LOCATION	REMAINING CAPACITY (CU. YD.)	FUTURE LIMITATIONS
Anderson Island	8,989,803	NONE. All open water dredge spoils must meet the U.S. Army Corps of Engineers constituent
Bellingham Bay	8,967,117	
Commencement Bay	8,982,452	
Elliot Bay	8,610,935	

Port Angeles	9,000,000	criteria.
Port Gardner	7,881,165	
Port Townsend	8,977,358	
Rosario Strait	8,212,790	

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

Requirement: SUBASE Bangor must obtain a Kitsap County Substantial Development Permit to comply with State Department of Ecology requirements.

Constraints: None

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

None.

8k.

If the base has a cooperative agreement with the US Fish and Wildlife Service and/or the State Fish and Game Department for conducting a hunting and fishing program, does the agreement or these resources constrain either current or future operations or activities? Explain the nature and extent of restrictions.	NO
---	----

8l. List any other areas on your base which are indicated as protected or preserved habitat other than threatened/endangered species that have been listed in Section 1. List the species, whether or not treated, and the acres protected/preserved.

NONE.

9. WRAPUP

9a. Are there existing or potential environmental showstoppers that have affected or will affect the accomplishment of the installation mission that have not been covered in the previous 8 questions?

1) None

9b. Are there any other environmental permits required for base operations, include any relating to industrial operations.

Activity UIC: N68436

1) Clean Air Act -- Title V Air Operating Permit due in FY95.

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

NONE.

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

NONE.

WETLAND SUMMARY

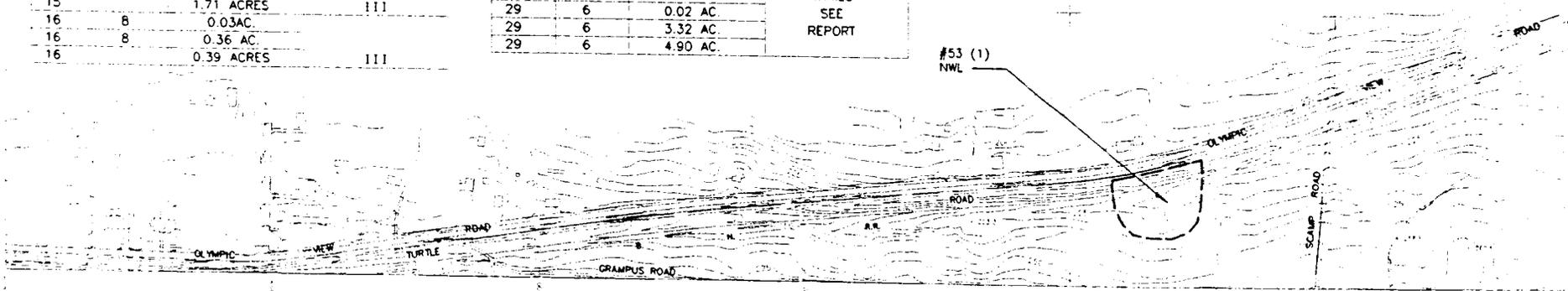
AREA #	SHEET #	AREA/ACRES	WETLAND CATEGORY
1	19	0.05 AC.	
1	19	4.21 AC.	
1		4.26 ACRES	111
2	19	0.93 ACRES	111
3	14	12.07 ACRES	I
3A	14	0.06 ACRES	IV
4	14	0.44 ACRES	IV
5	14	0.82 AC.	
5	14	0.74 AC.	
5		1.56 ACRES	111
6	14	NON-WETLAND	
7	13	0.56AC.	
7	13	0.15 AC.	
7		0.71 ACRES	111
8	18	0.04 AC.	
8	18	0.20 AC.	
8		0.24 ACRES	IV
9	13	0.06 AC.	
9	13	5.01 AC.	
9	13	0.12 AC.	
9	13	0.26 AC.	
9	13	0.19 AC.	
9		5.64 ACRES	111
10	13	NON-WETLAND	
11	13	0.27 AC.	
11	13	0.07 AC.	
11	13	6.02 AC.	
11	13	0.17 AC.	
11	13	0.20 AC.	
11	13	0.06 AC.	
11	13	0.90 AC.	
11		7.69 ACRES	11
12	13	2.88 AC.	
12	8	0.49 AC.	
12		3.37 ACRES	11
13	13	NON-WETLAND	
14	13	0.28 AC.	
14	8	0.15 AC.	
14		0.43 ACRES	IV
15	8	1.18 AC.	
15	8	0.004 AC.	
15	8	0.13 AC.	
15	13	0.40 AC.	
15		1.71 ACRES	111
16	8	0.03AC.	
16	8	0.36 AC.	
16		0.39 ACRES	111

WETLAND SUMMARY

AREA #	SHEET #	AREA/ACRES	WETLAND CATEGORY
17	12	0.12ACRES	IV
18		COVERED IN AREA #17	
19	12	14.0 AC.	
19	17	0.02 AC.	
19		14.02 ACRES	111
20	12	3.40 AC.	
20	12	0.10 AC.	
20		3.50 ACRES	I
21	11	0.14 AC.	
21	11	0.04 AC.	
21	12	0.03 AC.	
21		0.21 ACRES	IV
22	12	0.24 AC.	IV
23	8	0.03 AC.	
23	8	0.05 AC.	
23	8	0.73 AC.	
23		0.81 ACRES	111
24		COVERED IN AREA #25	
25	7	0.02 AC.	
25	7	0.80 AC.	
25	7	2.35 AC.	
25	7	0.23 AC.	
25	7	0.01 AC.	
25	7	0.83 AC.	
25	7	0.51 AC.	
25	8	0.02 AC.	
25	8	1.68 AC.	
25	8	2.66 AC.	
25	8	5.81 AC.	
25	8	0.05 AC.	
25		14.97 ACRES	111
26	7	0.21 AC.	
26	7	0.43 AC.	
26	7	3.50 AC.	
26	12	0.21 AC.	
26		4.35 ACRES	11
27	7	0.03 AC.	
27	7	0.24 AC.	
27	7	0.61 AC.	
27	7	1.95 AC.	
27		2.83 ACRES	111
28		COVERED IN AREA #29	
29	6	0.005 AC.	VARIES
29	6	0.02 AC.	SEE
29	6	3.32 AC.	REPORT
29	6	4.90 AC.	

WETLAND SUMMARY

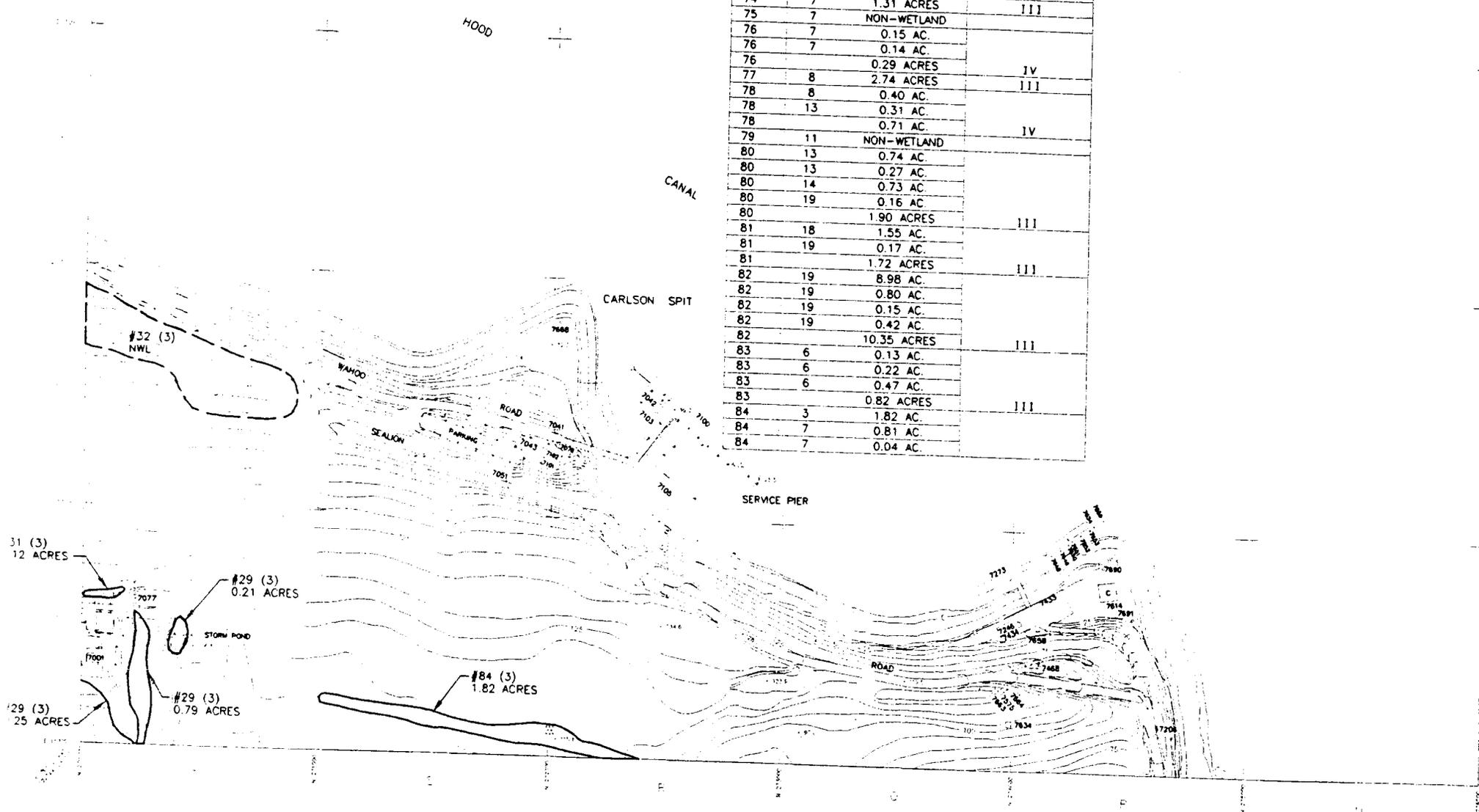
AREA #	SHEET #	AREA/ACRES	WETLAND CATEGORY
29	6	0.09 AC.	
29	6	0.21 AC.	
29	7	0.17 AC.	
29	7	0.08 AC.	
29	7	0.41 AC.	
29	7	0.39 AC.	
29	7	0.09 AC.	
29	7	0.06 AC.	
29	7	0.37 AC.	
29	7	0.87 AC.	
29	7	0.19 AC.	
29	7	21.73 AC.	
29	7	0.04 AC.	
29	7	0.03 AC.	
29	3	0.21 AC.	
29	3	0.79 AC.	
29	3	0.25 AC.	VARIES
29	2	0.24 AC.	SEE
29		34.46 ACRES	REPORT
30		COVERED IN AREA #29	
31	3	0.12 ACRES	IV
32	2	NON-WETLAND	
33	2	0.46 AC.	
33	2	0.03AC.	
33	2	0.07 AC.	
33		0.56 ACRES	IV
34	2	0.16 ACRES	IV
35	2	0.93 AC.	
35	6	1.03 AC.	
35		1.96 ACRES	11
36	6	0.15 ACRES	111
37	6	0.36 AC.	
37	6	0.15 AC.	
37	6	1.76 AC.	
37	6	0.42 AC.	
37		2.69 ACRES	11
38	6	1.0 AC.	
38	6	1.23 AC.	
38	6	3.43 AC.	
38		5.66 ACRES	111



SUBBASE Bangor

WETLAND SUMMARY			
AREA #	SHEET #	AREA/ACRES	WETLAND CATEGORY
72	6	0.07 ACRES	
73	6	2.81 AC.	IV
73	7	4.07 AC.	
73	7	0.94 AC.	
73	7	0.72 AC.	
73	7	0.02 AC.	
73	7	0.23 AC.	
73		8.79 ACRES	III
74	7	1.31 ACRES	III
75	7	NON-WETLAND	
76	7	0.15 AC.	
76	7	0.14 AC.	
76		0.29 ACRES	IV
77	8	2.74 ACRES	III
78	8	0.40 AC.	
78	13	0.31 AC.	
78		0.71 AC.	IV
79	11	NON-WETLAND	
80	13	0.74 AC.	
80	13	0.27 AC.	
80	14	0.73 AC.	
80	19	0.16 AC.	
80		1.90 ACRES	III
81	18	1.55 AC.	
81	19	0.17 AC.	
81		1.72 ACRES	III
82	19	8.98 AC.	
82	19	0.80 AC.	
82	19	0.15 AC.	
82	19	0.42 AC.	
82		10.35 ACRES	III
83	6	0.13 AC.	
83	6	0.22 AC.	
83	6	0.47 AC.	
83		0.82 ACRES	III
84	3	1.82 AC.	
84	7	0.81 AC.	
84	7	0.04 AC.	

WETLAND SUMMARY			
AREA #	SHEET #	AREA/ACRES	WETLAND CATEGORY
84	7	0.48 AC.	
84		3.15 ACRES	III
ALL	ALL	232.54 ACRES	



31 (3)
12 ACRES

#29 (3)
0.21 ACRES

STORM POND

#29 (3)
0.79 ACRES

29 (3)
25 ACRES

#84 (3)
1.82 ACRES

KEY INDEX

1	2	3
4	5	6
7	8	

ALL DATA AND INFORMATION IS BASED ON THE METHODS FROM THE SURVEYING ENGINEERING BOARD OF MASSACHUSETTS.

DATE: 10/15/10

GRAPHIC SCALE

DATE	10/15/10
BY	
CHECKED	
DATE	

BRAC-95 CERTIFICATION DATA CALL THIRTY THREE

SUBASE BANGOR

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

MAJOR CLAIMANT LEVEL

J. R. FITZGERALD

NAME (Please type or print)

Commander In Chief (Acting)

Title


Signature

1 Jul 94
Date

U. S. Pacific Fleet

Activity

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

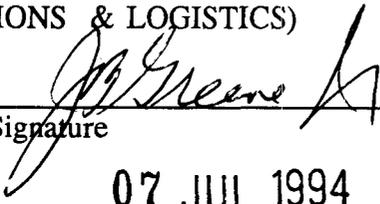
DEPUTY CHIEF OF NAVAL OPERATIONS (LOGISTICS)
DEPUTY CHIEF OF STAFF (INSTALLATIONS & LOGISTICS)

J. B. GREENE, JR.

NAME (Please type or print)

ACTING

Title


Signature

07 JUL 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)

J. M. BARR

NAME (Please type or print)

Signature



Commander
Title

Date

5/31/94

Commander Submarine Force,
Activity U.S. Pacific Fleet

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

Title

Date

Activity

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

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

NAME (Please type or print)

Signature

Title

Date

BRAC-95 CERTIFICATION
DATA CALL 33

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. 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 CERTIFICATION

R. H. SETSER, JR. CAPT, USN
NAME (Please type or print)


Signature

Chief of Staff, Submarine Group Nine
Title

26 May 1994
Date

Naval Submarine Base, Bangor WA
Activity

BRAC-95 CERTIFICATION
DATA CALL 33

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

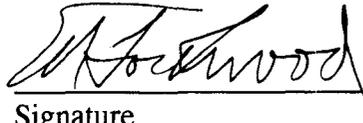
The signing of this certification constitutes a representation that the certifying official has reviewed the information and either (1) personally vouches for its accuracy and completeness or (2) has possession of, and is relying upon a certification executed by a competent subordinate.

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

ACTIVITY CERTIFICATION

E. R. Lockwood, Capt., USN
NAME (Please type or print)


Signature

Comanding Officer
Title

26 May 1994
Date

Naval Submarine Base, Bangor WA
Activity

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	NAVAL SUBMARINE BASE, BANGOR
UIC:	N68436
Host Activity Name (if response is for a tenant activity):	N/A
Host Activity UIC:	N/A

TYCOM NOTE: SUBBASE BANGOR IS THE HOST ACTIVITY.

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

**DATA CALL 66
INSTALLATION RESOURCES**

costs. Military personnel costs should be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Add additional lines to the table (following line 2j., as necessary, to identify any additional cost elements not currently shown). Leave shaded areas of table blank.

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: NAVAL SUBMARINE BASE, BANGOR			UIC: N68436
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	6092	1706	7798
1b. Minor Construction	373	0	373
1c. Sub-total 1a. and 1b.	6465	1706	8171
2. Other Base Operating Support Costs:			
2a. Utilities	3514	0	3514
2b. Transportation	2155	0	2155
2c. Environmental	1971	1072	3043
2d. Facility Leases	0	0	0
2e. Morale, Welfare & Recreation	1502	1559	3061
2f. Bachelor Quarters	2052	378	2430
2g. Child Care Centers	259	571	830
2h. Family Service Centers	167	662	829
2i. Administration	1338	6443	7781

**DATA CALL 66
INSTALLATION RESOURCES**

2j. Other (Specify)Retail Supply, Physical Security & Other Base Support	10296	12961	23257
2k. Sub-total 2a. through 2j:	23254	23646	46900
3. Grand Total (sum of 1c. and 2k.):	29719	25352	55071

TYCOM NOTE: ALL MINOR CONSTRUCTION IS PERFORMED BY THE BOS CONTRACTOR OR THROUGH A CONSTRUCTION CONTRACT. THERE ARE NO CIVIL SERVICE MINOR CONSTRUCTION EMPLOYEES AT SUBASE BANGOR AND THEREFORE THE LABOR COLUMN FOR LINE 1b IS "\$0.00".

TYCOM NOTE: SUBASE BANGOR DOES NOT LEASE ANY FACILITIES.

**DATA CALL 66
INSTALLATION RESOURCES**

b. **Funding Source.** If data shown on Table 1A reflects more than one appropriation, then please provide a break out of the total shown for the "3. Grand-Total" line, by appropriation:

<u>Appropriation</u>	<u>Amount (\$000)</u>
O&M,N	45,525
MPN	9,546

c. **Table 1B - Base Operating Support Costs (DBOF Overhead).** This Table should be submitted for all current DBOF activities. Costs reported should reflect BOS costs supporting the DBOF activity itself (usually included in the G&A cost of the activity). For DBOF activities which are tenants on another installation, total cost of BOS incurred by the tenant activity for itself should be shown on this table. It is recognized that differences exist among DBOF activity groups regarding the costing of base operating support: some groups reflect all such costs only in general and administrative (G&A), while others spread them between G&A and production overhead. Regardless of the costing process, all such costs should be included on Table 1B. The Minor Construction portion of the FY 1996 capital budget should be included on the appropriate line. Military personnel costs (at civilian equivalency rates) should also be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Also ensure that there is no duplication between data provided on Table 1A. and 1B. These two tables must be mutually exclusive, since in those cases where both tables are submitted for an activity, the two tables will be added together to estimate total BOS costs at the activity. Add additional lines to the table (following line 2l., as necessary, to identify any additional cost elements not currently shown). Leave shaded areas of table blank.

Other Notes: All costs of operating the five Major Range Test Facility Bases at DBOF activities (even if direct RDT&E funded) should be included on Table 1B. Weapon Stations should include underutilized plant capacity costs as a DBOF overhead "BOS expense" on Table 1B..

TYCOM NOTE: SUBASE BANGOR IS NOT A DBOF ACTIVITY, AND THEREFORE TABLE 1B HAS BEEN LEFT BLANK IN ITS ENTIRETY.

**DATA CALL 66
INSTALLATION RESOURCES**

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: NAVAL SUBMARINE BASE, BANGOR		UIC: N68436	
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.) :			

**DATA CALL 66
INSTALLATION RESOURCES**

2. Services/Supplies Cost Data. The purpose of Table 2 is to provide information about projected FY 1996 costs for the purchase of services and supplies by the activity. (Note: Unlike Question 1 and Tables 1A and 1B, above, this question is not limited to overhead costs.) The source for this information, where possible, should be either the NAVCOMPT OP-32 Budget Exhibit for O&M activities or the NAVCOMPT UC/FUND-1/IF-4 exhibit for DBOF activities. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Break out cost data by the major sub-headings identified on the OP-32 or UC/FUND-1/IF-4 exhibit, disregarding the sub-headings on the exhibit which apply to civilian and military salary costs and depreciation. Please note that while the OP-32 exhibit aggregates information by budget activity, this data call requests OP-32 data for the activity responding to the data call. Refer to NAVCOMPTINST 7102.2B of 23 April 1990, Subj: Guidance for the Preparation, Submission and Review of the Department of the Navy (DON) Budget Estimates (DON Budget Guidance Manual) with Changes 1 and 2 for more information on categories of costs identified. Any rows that do not apply to your activity may be left blank. However, totals reported should reflect all costs, exclusive of salary and depreciation.

Table 2 - Services/Supplies Cost Data	
Activity Name: NAVAL SUBMARINE BASE, BANGOR	UIC: N68436
Cost Category	FY 1996 Projected Costs (\$000)
Travel:	218
Material and Supplies (including equipment):	2570
Industrial Fund Purchases (other DBOF purchases):	177
Transportation:	453
Other Purchases (Contract support, etc.):	26301
Total:	29719

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 SUBMARINE BASE, BANGOR	UIC: N68436
Contract Type	FY 1996 Estimated Number of Workyears On-Base
Construction:	2
Facilities Support:	57
Mission Support:	283
Procurement:	
Other:*	
Total Workyears: **See Footnote	342

* Note: Provide a brief narrative description of the type(s) of contracts, if any, included under the "Other" category.

TYCOM NOTE: BECAUSE SUBBASE BANGOR IS OPERATED BY A BASE OPERATING SUPPORT CONTRACTOR (BOSC), ALL FUNCTIONS PERFORMED BY THE BOSC WHICH ARE NOT FACILITIES SUPPORT OR CONSTRUCTION ARE CAPTURED UNDER "MISSION SUPPORT". THIS INCLUDES UTILITIES, JANITORIAL, CRANE MAINTENANCE, GROUNDS MAINTENANCE, PEST CONTROL, BILLETING, FIRE PROTECTION, ETC. THIS INFORMATION IS PROVIDED TO EXPLAIN THE DISPROPORTIONATELY LARGE NUMBER OF MISSION SUPPORT CONTRACTOR WORKYEARS.

**DATA CALL 66
INSTALLATION RESOURCES**

****Total Workyears shown on Table 3 are SUBASE Bangor only. 331 workyears are Base Operating Support Contract with the remaining 11 for tug, library and ADP maintenance.**

Naval Submarine Base (SUBASE), Bangor provides support to the TRIDENT Submarine Launched Ballistic Missile System, maintains and operates facilities for administration and personnel support for operations of the submarine force and, within capabilities, provides logistic support to other activities in the area.

SUBASE Bangor provides support for a complex consisting of nearly 7,000 acres and approximately 70 reimbursable commands with FY96 projected reimbursements of \$45M. As host command, SUBASE Bangor provides common support for all tenants, administers the Base Operations Support Contract (BOSC) and provides utilities and a variety of reimbursable labor for functions such as engineering support, weight handling equipment testing and certification, environmental functions and other areas. SUBASE Bangor's projected direct O&M,N budget for FY96 approximates \$46M.

SUBASE Bangor is growing due to previous Base Realignment and Closures. COMNAVBASE Seattle, Navy Band, Seattle Transient Personnel Unit, USS PARCHE, Navy Brig and Naval Reserve Center are all in the process of relocating to SUBASE Bangor. Family housing is also increasing with the construction of 520 additional units. MILCON projects for these relocations will be complete by FY96. The infrastructure along with the land requirements are available for this type of growth. If SUBASE Bangor were to relocate with all the TRIDENT related tenants, the requirement for a host command would remain.

Since the contract manyears shown in the Data Call 66 tables are only those directly funded by SUBASE Bangor, we have provided additional information concerning total claimancy estimated FY96 dollars and workyears for the BOSC. SUBASE Bangor administers the BOSC for all reimbursable customers. If SUBASE Bangor, as host, were relocated, the following contract manyears would also be affected.

Major Claimant	\$M	Workyears
CINCPACFLT	24	404
NAVFACENGCOM	6	70
NAVSEASYSKOM	12	195
SSP	7	110
CNET	2	31
BUMED	3	68
OTHER	<u>1</u>	<u>17</u>
Total	55	895

TYCOM NOTE: THE 404 CONTRACTOR MANYEARS SHOWN FOR CINCPACFLT INCLUDES THE 342 MANYEARS SHOWN IN TABLE 3 FOR SUBASE BANGOR.

DATA CALL 66
INSTALLATION RESOURCES

b. **Potential Disposition of On-Base Contract Workyears.** If the mission/functions of your activity were relocated to another site, what would be the anticipated disposition of the on-base contract workyears identified in Table 3.?

In answering questions concerning contract manyears, the following assumptions are made:

-- SUBASE Bangor, as host command, could not be relocated. It would either remain with contract hours intact for tenant servicing or the base would be closed.

- 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)):

Zero contract workyears would be transferred to the receiving site with the assumption the site receiving the TRIDENT mission would have common support in place.

- 2) Estimated number of workyears which would be eliminated:

342 **SUBASE BANGOR FUNDED** contract workyears would be eliminated if the entire base were closed with all tenants moving. **A TOTAL OF 895 CONTRACT WORKYEARS WOULD BE ELIMINATED AS DISCUSSED ON THE PREVIOUS PAGE.**

TYCOM NOTE: CLARIFICATION TO QUESTION 3.B(2) PROVIDED BY TYCOM IN BOLD.

- 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):

Zero contract workyears would remain in place if SUBASE Bangor were relocated.

**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.)
14	A & E Services, Animal Control and Electronic/Comm Equipment Repair

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
NONE	

TYCOM NOTE: THE TYPE OF "OFF-BASE" CONTRACTOR SUPPORT WHICH SUBBASE RECEIVES CAN BE FOUND IN ANY METROPOLITAN AREA AND THE RELOCATION OF THE SUBBASE WOULD NOT REQUIRE THE RELOCATION OF ANY OFF-BASE CONTRACTOR WORKYEARS.

BRAC-95 CERTIFICATION DATA CALL SIXTY SIX

SUBASE BANGOR

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

MAJOR CLAIMANT LEVEL

R. J. KELLY

NAME (Please type or print)

R. J. Kelly

Signature

Commander In Chief

Title

3 Aug 94

Date

U. S. Pacific Fleet

Activity

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

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

J. B. GREENE, JR.

NAME (Please type or print)

J. B. Greene Jr.

Signature

ACTING

Title

17 AUG 1994

Date

BRAC-95 CERTIFICATION

Reference: SECNAVNOTE 11000 of 08 December 1993

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

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

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

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

NAVAL SUBMARINE BASE, BANGOR
BRAC DATA CALL 66, INSTALLATION RESOURCES

E. R. LOCKWOOD
NAME (Please type or print)

Commanding Officer
Title

Naval Submarine Base, Bangor
Activity



Signature

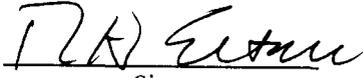
7/11/94

Date

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

COMMANDER SUBMARINE GROUP NINE

R. H. SETSER, JR., USN
NAME (Please type or print)


Signature

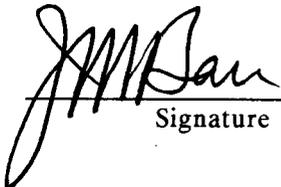
Commander (Acting)
Title

7/11/94
Date

Commander Submarine Group 9
Activity

COMMANDER SUBMARINE FORCE, U.S. PACIFIC FLEET

J. M. BARR, RADM, USN
NAME (Please type or print)


Signature

COMMANDER
Title

7/15/94
Date

SUBMARINE FORCE, U.S. PACIFIC FLEET
Activity

38

**DATA CALL 66
INSTALLATION RESOURCES**

Activity Information:

Activity Name:	MARS District, Seattle, WA
UIC:	N42313
Host Activity Name (if response is for a tenant activity):	Naval Submarine Base, Bangor, WA
Host Activity UIC:	N68436

General Instructions/Background. A separate response to this data call must be completed for each Department of the Navy (DON) host, independent and tenant activity which separately budgets BOS costs (regardless of appropriation), and, is located in the United States, its territories or possessions.

1. Base Operating Support (BOS) Cost Data. Data is required which captures the total annual cost of operating and maintaining Department of the Navy (DON) shore installations. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Two tables are provided. Table 1A identifies "Other than DBOF Overhead" BOS costs and Table 1B identifies "DBOF Overhead" BOS costs. These tables must be completed, as appropriate, for all DON host, independent or tenant activities which separately budget BOS costs (regardless of appropriation), and, are located in the United States, its territories or possessions. Responses for DBOF activities may need to include both Table 1A and 1B to ensure that all BOS costs, including those incurred by the activity in support of tenants, are identified. If both table 1A and 1B are submitted for a single DON activity, please ensure that no data is double counted (that is, included on both Table 1A and 1B). The following tables are designed to collect all BOS costs currently budgeted, regardless of appropriation, e.g., Operations and Maintenance, Research and Development, Military Personnel, etc. Data must reflect FY 1996 and should be reported in thousands of dollars.

a. Table 1A - Base Operating Support Costs (Other Than DBOF Overhead).

This Table should be completed to identify "Other Than DBOF Overhead" Costs. Display, in the format shown on the table, the O&M, R&D and MPN resources currently budgeted for BOS services. O&M cost data must be consistent with data provided on the BS-1 exhibit. Report only direct funding for the activity. Host activities should not include reimbursable support provided to tenants, since tenants will be separately reporting these costs. Military personnel costs should be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Add additional lines to the table (following line 2j., as necessary, to identify any additional cost elements not currently shown). Leave shaded areas of table blank.

**DATA CALL 66
INSTALLATION RESOURCES**

b. Funding Source. If data shown on Table 1A reflects more than one appropriation, then please provide a break out of the total shown for the "3. Grand-Total" line, by appropriation:

<u>Appropriation</u>	<u>Amount (\$000)</u>
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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 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: NAVCOMTELSTA Puget Sound, WA		UIC: N68660	
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair	8	0	8
1b. Minor Construction			
1c. Sub-total 1a. and 1b.	8	0	0
2. Other Base Operating Support Costs:			
2a. Utilities	14	0	14
2b. Transportation	9	0	9
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration	47	414	461
2j. Other (Specify)	233	212	445
2k. Sub-total 2a. through 2j:	303	626	929
3. Grand Total (sum of 1c. and 2k.):	311	626	937

**DATA CALL 66
INSTALLATION RESOURCES**

Table 1B - Base Operating Support Costs (DBOF Overhead)			
Activity Name: MARS District Seattle, WA			UIC: N42313
Category	FY 1996 Net Cost From UC/FUND-4 (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Real Property Maintenance (> \$15K)			
1b. Real Property Maintenance (< \$15K)			
1c. Minor Construction (Expensed)			
1d. Minor Construction (Capital Budget)			
1c. Sub-total 1a. through 1d.			
2. Other Base Operating Support Costs:			
2a. Command Office			
2b. ADP Support			
2c. Equipment Maintenance			
2d. Civilian Personnel Services			
2e. Accounting/Finance			
2f. Utilities			
2g. Environmental Compliance			
2h. Police and Fire			
2i. Safety			
2j. Supply and Storage Operations			
2k. Major Range Test Facility Base Costs			
2l. Other (Specify)			
2m. Sub-total 2a. through 2l:			
3. Depreciation			
4. Grand Total (sum of 1c., 2m., and 3.) :	0	0	0

**DATA CALL 66
INSTALLATION RESOURCES**

2. Services/Supplies Cost Data. The purpose of Table 2 is to provide information about projected FY 1996 costs for the purchase of services and supplies by the activity. (Note: Unlike Question 1 and Tables 1A and 1B, above, this question is not limited to overhead costs.) The source for this information, where possible, should be either the NAVCOMPT OP-32 Budget Exhibit for O&M activities or the NAVCOMPT UC/FUND-1/IF-4 exhibit for DBOF activities. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Break out cost data by the major sub-headings identified on the OP-32 or UC/FUND-1/IF-4 exhibit, disregarding the sub-headings on the exhibit which apply to civilian and military salary costs and depreciation. Please note that while the OP-32 exhibit aggregates information by budget activity, this data call requests OP-32 data for the activity responding to the data call. Refer to NAVCOMPTINST 7102.2B of 23 April 1990, Subj: Guidance for the Preparation, Submission and Review of the Department of the Navy (DON) Budget Estimates (DON Budget Guidance Manual) with Changes 1 and 2 for more information on categories of costs identified. Any rows that do not apply to your activity may be left blank. However, totals reported should reflect all costs, exclusive of salary and depreciation.

Table 2 - Services/Supplies Cost Data	
Activity Name: MARS District, Seattle, WA	UIC: N42313
Cost Category	FY 1996 Projected Costs (\$000)
Travel:	2.2
Material and Supplies (including equipment):	
Industrial Fund Purchases (other DBOF purchases):	
Transportation:	.1
Other Purchases (Contract support, etc.):(Printing .6, Lease .6, Equip Maintenance .3)	1.5
Total:	3.8

**DATA CALL 66
INSTALLATION RESOURCES**

3. Contractor Workyears.

a. On-Base Contract Workyear Table. Provide a projected estimate of the number of contract workyears expected to be **performed "on base"** in support of the installation during FY 1996. Information should represent an annual estimate on a full-time equivalency basis. Several categories of contract support have been identified in the table below. While some of the categories are self-explanatory, please note that the category "mission support" entails management support, labor service and other mission support contracting efforts, e.g., aircraft maintenance, RDT&E support, technical services in support of aircraft and ships, etc. N/A

Table 3 - Contract Workyears	
Activity Name:	UIC:
Contract Type	FY 1996 Estimated Number of Workyears On-Base
Construction:	
Facilities Support:	
Mission Support:	
Procurement:	
Other:*	
Total Workyears:	

* Note: Provide a brief narrative description of the type(s) of contracts, if any, included under the "Other" category.

**DATA CALL 66
INSTALLATION RESOURCES**

b. Potential Disposition of On-Base Contract Workyears. If the mission/functions of your activity were relocated to another site, what would be the anticipated disposition of the on-base contract workyears identified in Table 3.?

1) Estimated number of contract workyears which would be transferred to the receiving site (This number should reflect the number of jobs which would in the future be contracted for at the receiving site, not an estimate of the number of people who would move or an indication that work would necessarily be done by the same contractor(s)):

N/A

2) Estimated number of workyears which would be eliminated:

N/A

3) Estimated number of contract workyears which would remain in place (i.e., contract would remain in place in current location even if activity were relocated outside of the local area):

N/A

**DATA CALL 66
INSTALLATION RESOURCES**

c. "Off-Base" Contract Workyear Data. Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information (ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above):

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
0	

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
0	

INSTALLATION RESOURCES, DATA CALL 66 for COMNAVCOMTELCOM

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

(Please type or print)

Signature

Name

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

T. A. STARK

Name (Please type or print)

T. A. Stark
Signature

Commander,

Title

25 Aug 1994

Date

Naval Computer and

Telecommunications Command

Activity

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

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

W. A. EARNER

NAME (Please type or print)

W. A. Earner
Signature

Title

2/6/94
Date

Enclosure (2)

28

DATA CALL 66
INSTALLATION RESOURCES

Activity Information:

Activity Name:	Naval Legal Service Branch Office, Bangor WA
UIC:	46796
Host Activity Name (if response is for a tenant activity):	Naval Submarine Base Bangor WA
Host Activity UIC:	68436

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

**DATA CALL 66
INSTALLATION RESOURCES**

(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 Legal Service Branch Office Bangor WA			UIC: 46796
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) Oth Eng Supp/Comm	10.9		10.9
2k. Sub-total 2a. through 2j:	10.9		10.9
3. Grand Total (sum of 1c. and 2k.):	10.9		10.9

**DATA CALL 66
INSTALLATION RESOURCES**

b. Funding Source. If data shown on Table 1A reflects more than one appropriation, then please provide a break out of the total shown for the "3. Grand-Total" line, by appropriation:

<u>Appropriation</u>	<u>Amount (\$000)</u>
O&M,N	10.9

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: Naval Legal Service Branch Office Bangor WA		UIC: 46796	
Category	FY 1996 Net Cost From UC/FUND-4 (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:	0	0	0
1a. Real Property Maintenance (>\$15K)	0	0	0
1b. Real Property Maintenance (<\$15K)	0	0	0
1c. Minor Construction (Expensed)	0	0	0
1d. Minor Construction (Capital Budget)	0	0	0
1c. Sub-total 1a. through 1d.	0	0	0
2. Other Base Operating Support Costs:	0	0	0
2a. Command Office	0	0	0
2b. ADP Support	0	0	0
2c. Equipment Maintenance	0	0	0
2d. Civilian Personnel Services	0	0	0
2e. Accounting/Finance	0	0	0
2f. Utilities	0	0	0
2g. Environmental Compliance	0	0	0
2h. Police and Fire	0	0	0
2i. Safety	0	0	0
2j. Supply and Storage Operations	0	0	0
2k. Major Range Test Facility Base Costs	0	0	0
2l. Other (Specify)	0	0	0
2m. Sub-total 2a. through 2l:	0	0	0
3. Depreciation	0	0	0

**DATA CALL 66
INSTALLATION RESOURCES**

4. Grand Total (sum of 1c., 2m., and 3.) :	0	0	0
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2. Services/Supplies Cost Data. The purpose of Table 2 is to provide information about projected FY 1996 costs for the purchase of services and supplies by the activity. (Note: Unlike Question 1 and Tables 1A and 1B, above, this question is not limited to overhead costs.) The source for this information, where possible, should be either the NAVCOMPT OP-32 Budget Exhibit for O&M activities or the NAVCOMPT UC/FUND-1/IF-4 exhibit for DBOF activities. Information must reflect FY 1996 budget data supporting the FY 1996 NAVCOMPT Budget Submit. Break out cost data by the major sub-headings identified on the OP-32 or UC/FUND-1/IF-4 exhibit, disregarding the sub-headings on the exhibit which apply to civilian and military salary costs and depreciation. Please note that while the OP-32 exhibit aggregates information by budget activity, this data call requests OP-32 data for the activity responding to the data call. Refer to NAVCOMPTINST 7102.2B of 23 April 1990, Subj: Guidance for the Preparation, Submission and Review of the Department of the Navy (DON) Budget Estimates (DON Budget Guidance Manual) with Changes 1 and 2 for more information on categories of costs identified. Any rows that do not apply to your activity may be left blank. However, totals reported should reflect all costs, exclusive of salary and depreciation.

Table 2 - Services/Supplies Cost Data	
Activity Name: Naval Legal Service Branch Office Bangor WA	UIC: 46796
Cost Category	FY 1996 Projected Costs (\$000)
Travel:	
Material and Supplies (including equipment):	0.1
Industrial Fund Purchases (other DBOF purchases):	10.9
Transportation:	0.1
Other Purchases (Contract support, etc.):	1.5
Total:	12.6

**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 Legal Service Branch Office Bangor WA	UIC: 46796
Contract Type	FY 1996 Estimated Number of Workyears On-Base
Construction:	0
Facilities Support:	0
Mission Support:	0
Procurement:	0
Other:*	0
Total Workyears:	0

* Note: Provide a brief narrative description of the type(s) of contracts, if any, included under the "Other" category.

**DATA CALL 66
INSTALLATION RESOURCES**

b. Potential Disposition of On-Base Contract Workyears. If the mission/functions of your activity were relocated to another site, what would be the anticipated disposition of the on-base contract workyears identified in Table 3.?

1) Estimated number of contract workyears which would be transferred to the receiving site (This number should reflect the number of jobs which would in the future be contracted for at the receiving site, not an estimate of the number of people who would move or an indication that work would necessarily be done by the same contractor(s)):

N/A

2) Estimated number of workyears which would be eliminated:

N/A

3) Estimated number of contract workyears which would remain in place (i.e., contract would remain in place in current location even if activity were relocated outside of the local area):

N/A

**DATA CALL 66
INSTALLATION RESOURCES**

c. **"Off-Base" Contract Workyear Data.** Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information (ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above):

No. of Additional Contract Workyears Which Would Be Eliminated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
N/A	

No. of Additional Contract Workyears Which Would Be Relocated	General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)
N/A	

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

C. M. Legrand, RADM, JAGC
NAME (Please type or print)

Commander, NAVLEGSVCCOM
Title

Naval Legal Service Command
Activity


Signature

18 JUL 94
Date

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

NEXT ECHELON LEVEL (if applicable)

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

Mr. Robert W. Thornett
NAME (Please type or print)


Signature

Director
Title

8/2/94
Date

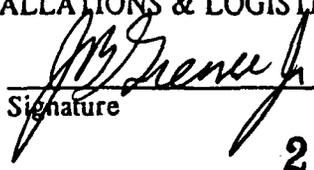
Field Support Activity
Activity

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)
ACTING


Signature

Title

Date

22 AUG 1994

**DATA CALL 66
INSTALLATION RESOURCES**

Activity Information:

Activity Name:	DBO Bangor
UIC:	43326
Host Activity Name (if response is for a tenant activity):	Naval Submarine Base, Bangor
Host Activity UIC:	68436

DATA CALL 66
INSTALLATION RESOURCES

Table 1A - Base Operating Support Costs (Other Than DBOF Overhead)			
Activity Name: Defense Printing Service			UIC: AT 43326
Category	FY 1996 BOS Costs (\$000)		
	Non-Labor	Labor	Total
1. Real Property Maintenance Costs:			
1a. Maintenance and Repair			
1b. Minor Construction			
1c. Sub-total 1a. and 1b.			
2. Other Base Operating Support Costs:			
2a. Utilities			
2b. Transportation			
2c. Environmental			
2d. Facility Leases			
2e. Morale, Welfare & Recreation			
2f. Bachelor Quarters			
2g. Child Care Centers			
2h. Family Service Centers			
2i. Administration			
2j. Other (Specify)			
2k. Sub-total 2a. through 2j:			
3. Grand Total (sum of 1c. and 2k.):			

N/A: (DPS is DBOF)

**DATA CALL 66
INSTALLATION RESOURCES**

b. Funding Source. If data shown on Table 1A reflects more than one appropriation, then please provide a break out of the total shown for the "3. Grand-Total" line, by appropriation:

<u>Appropriation</u>	<u>Amount (\$000)</u>
----------------------	-----------------------

N/A

c. Table 1B - Base Operating Support Costs (DBOF Overhead). This Table should be submitted for all current DBOF activities. Costs reported should reflect BOS costs supporting the DBOF activity itself (usually included in the G&A cost of the activity). For DBOF activities which are tenants on another installation, total cost of BOS incurred by the tenant activity for itself should be shown on this table. It is recognized that differences exist among DBOF activity groups regarding the costing of base operating support: some groups reflect all such costs only in general and administrative (G&A), while others spread them between G&A and production overhead. Regardless of the costing process, all such costs should be included on Table 1B. The Minor Construction portion of the FY 1996 capital budget should be included on the appropriate line. Military personnel costs (at civilian equivalency rates) should also be included on the appropriate lines of the table. Please ensure that individual lines of the table do not include duplicate costs. Also ensure that there is no duplication between data provided on Table 1A. and 1B. These two tables must be mutually exclusive, since in those cases where both tables are submitted for an activity, the two tables will be added together to estimate total BOS costs at the activity. Add additional lines to the table (following line 21., as necessary, to identify any additional cost elements not currently shown). **Leave shaded areas of table blank.**

Other Notes: All costs of operating the five Major Range Test Facility Bases at DBOF activities (even if direct RDT&E funded) should be included on Table 1B. Weapon Stations should include underutilized plant capacity costs as a DBOF overhead "BOS expense" on Table 1B..

Table 1B - Base Operating Support Costs (DBOF Overhead)

Activity Name: DBO Bangor		UIC: 43326	
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	\$11		\$11
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:	\$11		\$11
3. Depreciation			
4. Grand Total (sum of 1c., 2m., and 3.):	\$11		\$11

**DATA CALL 66
INSTALLATION RESOURCES**

Table 2 - Services/Supplies Cost Data	
Activity Name: DBO Bangor	UIC: 43326
Cost Category	FY 1996 Projected Costs (\$000)
Travel:	\$0
Material and Supplies (including equipment):	\$325
Industrial Fund Purchases (other DBOF purchases):	\$8
Transportation:	\$6
Other Purchases (Contract support, etc.):	\$810
Total:	\$1,149

**DATA CALL 66
INSTALLATION RESOURCES**

Table 3 - Contract Workyears	
Activity Name: Defense Printing Service	UIC: AT 43326
Contract Type	FY 1996 Estimated Number of Workyears On-Base
Construction:	
Facilities Support:	
Mission Support:	
Procurement:	
Other:*	
Total Workyears:	

N/A (DPS has tenants only; do not support installations)

DATA CALL 66
INSTALLATION RESOURCES

b. **Potential Disposition of On-Base Contract Workyears.** If the mission/functions of your activity were relocated to another site, what would be the anticipated disposition of the on-base contract workyears identified in Table 3.?

1) Estimated number of contract workyears which would be transferred to the receiving site (This number should reflect the number of jobs which would in the future be contracted for at the receiving site, not an estimate of the number of people who would move or an indication that work would necessarily be done by the same contractor(s)):

N/A

2) Estimated number of workyears which would be eliminated:

N/A

3) Estimated number of contract workyears which would remain in place (i.e., contract would remain in place in current location even if activity were relocated outside of the local area):

N/A

**DATA CALL 66
INSTALLATION RESOURCES**

c. "Off-Base" Contract Workyear Data. Are there any contract workyears located in the local community, but not on-base, which would either be eliminated or relocated if your activity were to be closed or relocated? If so, then provide the following information (ensure that numbers reported below do not double count numbers included in 3.a. and 3.b., above):

<p>No. of Additional Contract Workyears Which Would Be Eliminated</p>	<p>General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)</p>
<p>N/A</p>	<p>N/A</p>

<p>No. of Additional Contract Workyears Which Would Be Relocated</p>	<p>General Type of Work Performed on Contract (e.g., engineering support, technical services, etc.)</p>
<p>N/A</p>	<p>N/A</p>

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

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

NEXT ECHELON LEVEL (if applicable)

NAME (Please type or print)

Signature

Title

Date

Activity

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

MAJOR CLAIMANT LEVEL

R. M. MOORE, RADM, SC, USN
NAME (Please type or print)



Signature

COMMANDER
Title

AUG 24 1994
Date

NAVAL SUPPLY SYSTEMS COMMAND
Activity

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

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

W. A. EARNER

NAME (Please type or print)



Signature

Title

8/30/94
Date

BRAC-95 CERTIFICATION

EFFECTED LOCATION(S):

DPS-Wide

DATA CALL BEING CERTIFIED:

BRAC-95 Data Call #66

Per SECNAV NOTE 11000 dtd 8 Dec 93

"I certify that the information contained herein for the following location(s) is accurate and complete to the best of my knowledge and belief."

WILLIAM J. PORTER

NAME (Please type or print)


Signature

Acting Director

Title

8/15/94
Date

DPS Headquarters

Activity

enclosure (1)

**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

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

Activity Name:	NAVAL SUBMARINE BASE, BANGOR
UIC:	N68436
Major Claimant:	CINCPACFLT

General Instructions/Background:

Information requested in this data call is required for use by the Base Structure Evaluation Committee (BSEC), in concert with information from other data calls, to analyze both the impact that potential closure or realignment actions would have on a local community and the impact that relocations of personnel would have on communities surrounding receiving activities. In addition to Cost of Base Realignment Actions (COBRA) analyses which incorporate standard Department of the Navy (DON) average cost factors, the BSEC will also be conducting more sophisticated economic and community infrastructure analyses requiring more precise, activity-specific data. For example, activity-specific salary rates are required to reflect differences in salary costs for activities with large concentrations of scientists and engineers and to address geographic differences in wage grade salary rates. Questions relating to "Community Infrastructure" are required to assist the BSEC in evaluating the ability of a community to absorb additional employees and functions as the result of relocation from a closing or realigning DON activity.

Due to the varied nature of potential sources which could be used to respond to the questions contained in this data call, a block appears after each question, requesting the identification of the source of data used to respond to the question. To complete this block, identify the source of the data provided, including the appropriate references for source documents, names and organizational titles of individuals providing information, etc. Completion of this "Source of Data" block is critical since some of the information requested may be available from a non-DoD source such as a published document from the local chamber of commerce, school board, etc. Certification of data obtained from a non-DoD source is then limited to certifying that the information contained in the data call response is an accurate and complete representation of the information obtained from the source. Records must be retained by the certifying official to clearly document the source of any non-DoD information submitted for this data call.

**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

General Instructions/Background (Continued):

The following notes are provided to further define terms and methodologies used in this data call. Please ensure that responses consistently follow this guidance:

Note 1: Throughout this data call, the term "**activity**" is used to refer to the DON installation that is the addressee for the data call.

Note 2: Periodically throughout this data call, questions will include the statement that the response should refer to the "**area defined in response to question 1.b., (page 3)**". Recognizing that in some large metropolitan areas employee residences may be scattered among many counties or states, **the scope of the "area defined" may be limited to the sum of:**

- **those counties that contain government (DoD) housing units (as identified in 1.b.2)), and,**
- **those counties closest to the activity which, in the aggregate, include the residences of 80% or more of the activity's employees.**

Note 3: Responses to questions referring to "**civilians**" in this data call should reflect **federal civil service appropriated fund employees.**

1. Workforce Data

a. Average Federal Civilian Salary Rate. Provide the projected FY 1996 average gross annual appropriated fund **civil service** salary rate for the activity identified as the addressee in this data call. This rate should include all cash payments to employees, and exclude non-cash personnel benefits such as employer retirement contributions, payments to former employees, etc.

Average Appropriated Fund Civilian Salary Rate:	\$36,359
--	-----------------

Source of Data (1.a. Salary Rate): SUBASE BANGOR COMPTROLLER

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

b. Location of Residence. Complete the following table to identify where employees live. Data should reflect current workforce.

1) Residency Table. Identify residency data, by county, for both military and civilian (civil service) employees working at the installation (including, for example, operational units that are homeported or stationed at the installation). For each county listed, also provide the estimated average distance from the activity, in miles, of employee residences and the estimated average length of time to commute one-way to work. For the purposes of displaying data in the table, any county(s) in which 1% or fewer of the activity's employees reside may be consolidated as a single line entry in the table, titled "Other".

County of Residence	State	No. of Employees Residing in County		Percentage of Total Employees	Average Distance From Base (Miles)	Average Duration of Commute (Minutes)
		Military	Civilian			
Aleutian Islands	AK	0	4	.51/.10	2,721	21 Hrs
Island	WA	0	8	1.03/.21	65*	64
Jefferson	WA	1/4	38/50	5.00/1.42	49	58
King	WA	4/18	72	9.74/2.38	18**	68
Kitsap	WA	294/3,125	329/394	79.87/92.85	8	14
Mason	WA	2/37	12/15	1.79/1.37	43	60
Pierce	WA	4/30	11/17	1.92/1.25	39	48
Snohomish	WA	15	1	.13/.42	38***	100

*Commute is partially by sea plane.

**The 18 miles is by ferry, and the 68 minutes includes the ferry ride.

***The 24 miles is by ferry, and the 84 minutes includes the ferry ride.

TYCOM NOTE: ORIGINAL DATA SUBMITTED BY STATION DID NOT INCLUDE AFLOAT UNITS OR TENANTS WHOSE DATA WAS NOT CAPTURED BY THEIR CHAIN OF COMMAND. REVISED DATA PROVIDED ON 22 JUL 94 AND ENTERED BY TYCOM IN BOLD.

= 100%

As discussed in Note 2 on Page 2, subsequent questions in the data call refer to the "area defined in response to question 1.b., (page 3)". In responding to these questions, the scope of the "area defined" may be limited to the sum of: a) those counties that contain government (DoD) housing units (as identified below), and, b) those counties closest to the activity which, in the aggregate, include the residences of 80% or more of the activity's employees.

**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

2) Location of Government (DoD) Housing. If some employees of the base live in government housing, identify the county(s) where government housing is located:

DoD Housing is located only in Kitsap County in the following locations: SUBASE Bangor, Jackson Park, Puget Sound Naval Shipyard, East Park, and Bainbridge Island. None of the civilian work force live in government housing.

Source of Data (1.b. 1) & 2) Residence Data): SUBASE Human Resources Office, SUBASE Community Development Division, and SUBASE PLR Office.

c. Nearest Metropolitan Area(s). Identify all major metropolitan area(s) (i.e., population concentrations of 100,000 or more people) which are within 50 miles of the installation. If no major metropolitan area is within 50 miles of the base, then identify the nearest major metropolitan area(s) (100,000 or more people) and its distance(s) from the base.

City	County	Distance from base (miles)
Seattle	King	26 (by auto and ferry) 85 (by auto via Tacoma)
Tacoma	Pierce	34
Bremerton	Kitsap	13
Everett	Snohomish	38 (via ferry)

Source of Data (1.c. Metro Areas): Puget Sound Regional Master Plan

**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

d. **Age of Civilian Workforce.** Complete the following table, identifying the age of the activity's civil service workforce.

Age Category	Number of Employees	Percentage of Employees
16 - 19 Years	3	.63/.54
20 - 24 Years	17/21	3.58/3.74
25 - 34 Years	58/77	12.21/13.73
35 - 44 Years	180/204	37.89/36.36
45 - 54 Years	172/205	36.21/36.54
55 - 64 Years	43/49	9.05/8.73
65 or Older	2	.42/.36
TOTAL	475/561	100 %

TYCOM NOTE: ORIGINAL DATA SUBMITTED BY STATION DID NOT INCLUDE AFLOAT UNITS OR TENANTS WHOSE DATA WAS NOT CAPTURED BY THEIR CHAIN OF COMMAND. REVISED DATA PROVIDED ON 22 JUL 94 AND ENTERED BY TYCOM IN BOLD.

Source of Data (1.d.) Age Data): SUBASE Human Resources Office

**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

e. Education Level of Civilian Workforce

1) **Education Level Table.** Complete the following table, identifying the education level of the activity's civil service workforce.

Last School Year Completed	Number of Employees	Percentage of Employees
8th Grade or less	0	0
9th through 11th Grade	9	1.89/1.60
12th Grade or High School Equivalency	222/270	46.74/49.20
1-3 Years of College	121/144	25.47/25.67
4 Years of College (Bachelors Degree)	85/98	17.89/16.40
5 or More Years of College (Graduate Work)	38/40	8.00/7.13
TOTAL	475/561	100 %

TYCOM NOTE: ORIGINAL DATA SUBMITTED BY STATION DID NOT INCLUDE AFLOAT UNITS OR TENANTS WHOSE DATA WAS NOT CAPTURED BY THEIR CHAIN OF COMMAND. REVISED DATA PROVIDED ON 22 JUL 94 AND ENTERED BY TYCOM IN BOLD.

Change
N01CP-
CPF
JUL 94

Change
N4644-
CPF
JUL 94

**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

2) Degrees Achieved. Complete the following table for the activity's **civil service** workforce. Identify the number of employees with each of the following degrees, etc. To avoid double counting, only identify the highest degree obtained by a worker (e.g., if an employee has both a Master's Degree and a Doctorate, only include the employee under the category "Doctorate").

Degree	Number of Civilian Employees
Terminal Occupation Program - Certificate of Completion, Diploma or Equivalent (for areas such as technicians, craftsmen, artisans, skilled operators, etc.)	20
Associate Degree	46/50
Bachelor Degree	91/98
Masters Degree	23/24
Doctorate	1

TYCOM NOTE: ORIGINAL DATA SUBMITTED BY STATION DID NOT INCLUDE AFLOAT UNITS OR TENANTS WHOSE DATA WAS NOT CAPTURED BY THEIR CHAIN OF COMMAND. REVISED DATA PROVIDED ON 22 JUL 94 AND ENTERED BY TYCOM IN BOLD.

Source of Data (1.e.1) and 2) Education Level Data): SUBASE Human Resources Office

f. Civilian Employment By Industry. Complete the following table to identify by "industry" the type of work performed by **civil service** employees at the activity. The intent of this table is to attempt to stratify the activity civilian workforce using the same categories of industries used to identify private sector employment. Employees should be categorized based on their primary duties. Additional information on categorization of private sector employment by industry can be found in the Office of Management and Budget Standard Industrial Classification (SIC) Manual. However, you do not need to obtain a copy of this publication to provide the data requested in this table.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Note the following specific guidance regarding the "Industry Type" codes in the first column of the table: Even though categories listed may not perfectly match the type of work performed by civilian employees, please attempt to assign each civilian employee to one of the "Industry Types" identified in the table. However, only use the Category 6, "Public Administration" sub-categories when none of the other categories apply. Retain supporting data used to construct this table at the activity-level, in case questions arise or additional information is required at some future time. Leave shaded areas blank.

Industry	SIC Codes	No. of Civilians	% of Civilians
1. Agriculture, Forestry & Fishing	01-09	3	.63/ 53
2. Construction (includes facility maintenance and repair)	15-17	71	14.91 12.66
3. Manufacturing (includes Intermediate and Depot level maintenance)	20-39		
3a. Fabricated Metal Products (include ordnance, ammo, etc.)	34	0	0
3b. Aircraft (includes engines and missiles)	3721 et al	0	0
3c. Ships	3731	0	0
3d. Other Transportation (includes ground vehicles)	various	21	4.41 3.74
3e. Other Manufacturing not included in 3a. through 3d.	various	1	.21 .18
Sub-Total 3a. through 3e.	20-39	96/22	20.16 3.92
4. Transportation/Communications/Utilities	40-49		
4a. Railroad Transportation	40	0	0
4b. Motor Freight Transportation & Warehousing (includes supply services)	42	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Industry	SIC Codes	No. of Civilians	% of Civilians
4c. Water Transportation (includes organizational level maintenance)	44	1	.21 .18
4d. Air Transportation (includes organizational level maintenance)	45	0	0
4e. Other Transportation Services (includes organizational level maintenance)	47	0/3	0/.53
4f. Communications	48	1	.21 .18
4g. Utilities	49	20	4.20 3.57
Sub-Total 4a. through 4g.	40-49	22 25	4.62 4.46
5. Services	70-89		
5a. Lodging Services	70	0	0
5b. Personal Services (includes laundry and funeral services)	72	0	0
5c. Business Services (includes mail, security guards, pest control, photography, janitorial and ADP services)	73	181/205	38.01 36.54
5d. Automotive Repair and Services	75	0	0
5e. Other Misc. Repair Services	76	0	0
5f. Motion Pictures	78	0	0
5g. Amusement and Recreation Services	79	38	7.98 6.77
5h. Health Services	80	3/5	.63/.89

**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

Industry	SIC Codes	No. of Civilians	% of Civilians
5i. Legal Services	81	1/2	.21/ 36
5j. Educational Services	82	21	4.41 3.74
5k. Social Services	83	18	3.78 3.21
5l. Museums	84	0	0
5m. Engineering, Accounting, Research & Related Services (includes RDT&E, ISE, etc.)	87	71	14.91 12.66
5n. Other Misc. Services	89	0/56	0/9.98
Sub-Total 5a. through 5n.:	70-89	333 416	69.93 74.15
6. Public Administration	91-97		
6a. Executive and General Government, Except Finance	91	0	0
6b. Justice, Public Order & Safety (includes police, firefighting and emergency management)	92	7	1.47 1.25
6c. Public Finance	93	0	0
6d. Environmental Quality and Housing Programs	95	17	3.57 3.03
Sub-Total 6a. through 6d.		24	5.04 4.28
TOTAL		561	100 %

TYCOM NOTE: ORIGINAL DATA SUBMITTED BY STATION DID NOT INCLUDE AFLOAT UNITS OR TENANTS WHOSE DATA WAS NOT CAPTURED BY THEIR

**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

CHAIN OF COMMAND. REVISED DATA PROVIDED ON 22 JUL 94 AND ENTERED BY TYCOM IN BOLD.

Source of Data (1.f.) Classification By Industry Data): SUBASE Human Resources Office

g. Civilian Employment by Occupation. Complete the following table to identify the types of "occupations" performed by **civil service** employees at the activity. Employees should be categorized based on their primary duties. Additional information on categorization of employment by occupation can be found in the Department of Labor Occupational Outlook Handbook. However, you do not need to obtain a copy of this publication to provide the data requested in this table.

Note the following specific guidance regarding the "Occupation Type" codes in the first column of the table: Even though categories listed may not perfectly match the type of work performed by civilian employees, please attempt to assign each civilian employee to one of the "Occupation Types" identified in the table. Refer to the descriptions immediately following this table for more information on the various occupational categories. Retain supporting data used to construct this table at the activity-level, in case questions arise or additional information is required at some future time. Leave shaded areas blank.

Occupation	Number of Civilian Employees	Percent of Civilian Employees
1. Executive, Administrative and Management	48	10.11 8.56
2. Professional Specialty		
2a. Engineers	21	4.42 3.57
2b. Architects and Surveyors	3	.63 .53
2c. Computer, Mathematical & Operations Research	20	4.21 3.57
2d. Life Scientists	0	0

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

Occupation	Number of Civilian Employees	Percent of Civilian Employees
2e. Physical Scientists	0	0
2f. Lawyers and Judges	0	0
2g. Social Scientists & Urban Planners	5	1.05 .89
2h. Social & Recreation Workers	40	8.42 7.13
2i. Religious Workers	0	0
2j. Teachers, Librarians & Counselors	0	0
2k. Health Diagnosing Practitioners (Doctors)	0	0
2l. Health Assessment & Treating(Nurses, Therapists, Pharmacists, Nutritionists, etc.)	0	0
2m. Communications	1	.21 .18
2n. Visual Arts	0	0
Sub-Total 2a. through 2n.:	0/90	0/16.04
3. Technicians and Related Support		
3a. Health Technologists and Technicians	45	9.47 8.02
3b. Other Technologists	0	0
Sub-Total 3a. and 3b.:	241/45	50.74/8.02
4. Administrative Support & Clerical	325	57.93
5. Services		
5a. Protective Services (includes guards, firefighters, police)	0/9	0/1.6

**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

Occupation	Number of Civilian Employees	Percent of Civilian Employees
5b. Food Preparation & Service	0	0
5c. Dental/Medical Assistants/Aides	0/2	0/.36
5d. Personal Service & Building & Grounds Services (includes janitorial, grounds maintenance, child care workers)	0	0
Sub-Total 5a. through 5d.	3/11	.63/1.96
6. Agricultural, Forestry & Fishing	0/3	0/.53
7. Mechanics, Installers and Repairers	13/0	2.74/0
8. Construction Trades	11/13	2.32
9. Production Occupations	10/11	2.11/1.96
10. Transportation & Material Moving	0/10	0/1.79
11. Handlers, Equipment Cleaners, Helpers and Laborers (not included elsewhere)	5	1.05 .89
TOTAL	475/561	100 %

TYCOM NOTE: ORIGINAL DATA SUBMITTED BY STATION DID NOT INCLUDE AFLOAT UNITS OR TENANTS WHOSE DATA WAS NOT CAPTURED BY THEIR CHAIN OF COMMAND. REVISED DATA PROVIDED ON 22 JUL 94 AND ENTERED BY TYCOM IN BOLD.

Source of Data (1.g.) Classification By Occupation Data): SUBASE Human Resources Office
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Description of Occupational Categories used in Table 1.g. The following list identifies public and private sector occupations included in each of the major occupational categories used in the table. Refer to these examples as a guide in determining where to allocate **appropriated fund civil service jobs** at the activity.

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

1. **Executive, Administrative and Management.** Accountants and auditors; administrative services managers; budget analysts; construction and building inspectors; construction contractors and managers; cost estimators; education administrators; employment interviewers; engineering, science and data processing managers; financial managers; general managers and top executives; chief executives and legislators; health services managers; hotel managers and assistants; industrial production managers; inspectors and compliance officers, except construction; management analysts and consultants; marketing, advertising and public relations managers; personnel, training and labor relations specialists and managers; property and real estate managers; purchasing agents and managers; restaurant and food service managers; underwriters; wholesale and retail buyers and merchandise managers.
2. **Professional Specialty.** Use sub-headings provided.
3. **Technicians and Related Support.** Health Technologists and Technicians sub-category - self-explanatory. Other Technologists sub-category includes aircraft pilots; air traffic controllers; broadcast technicians; computer programmers; drafters; engineering technicians; library technicians; paralegals; science technicians; numerical control tool programmers.
4. **Administrative Support & Clerical.** Adjusters, investigators and collectors; bank tellers; clerical supervisors and managers; computer and peripheral equipment operators; credit clerks and authorizers; general office clerks; information clerks; mail clerks and messengers; material recording, scheduling, dispatching and distributing; postal clerks and mail carriers; records clerks; secretaries; stenographers and court reporters; teacher aides; telephone, telegraph and teletype operators; typists, word processors and data entry keyers.
5. **Services.** Use sub-headings provided.
6. **Agricultural, Forestry & Fishing.** Self explanatory.
7. **Mechanics, Installers and Repairers.** Aircraft mechanics and engine specialists; automotive body repairers; automotive mechanics; diesel mechanics; electronic equipment repairers; elevator installers and repairers; farm equipment mechanics; general maintenance mechanics; heating, air conditioning and refrigeration technicians; home appliance and power tool repairers, industrial machinery repairers; line installers and cable splicers; millwrights; mobile heavy equipment mechanics; motorcycle, boat and small engine mechanics; musical instrument repairers and tuners; vending machine servicers and repairers.
8. **Construction Trades.** Bricklayers and stonemasons; carpenters; carpet installers; concrete masons and terrazzo workers; drywall workers and lathers; electricians; glaziers; highway maintenance; insulation workers; painters and paperhangers; plasterers; plumbers and pipefitters; roofers; sheet metal workers; structural and reinforcing ironworkers; tilesetters.
9. **Production Occupations.** Assemblers; food processing occupations; inspectors, testers and graders; metalworking and plastics-working occupations; plant and systems operators, printing occupations; textile, apparel and furnishings occupations; woodworking occupations; miscellaneous production operations.
10. **Transportation & Material Moving.** Busdrivers; material moving equipment operators; rail transportation occupations; truckdrivers; water transportation occupations.
11. **Handlers, Equipment Cleaners, Helpers and Laborers** (not included elsewhere). Entry level jobs not requiring significant training.

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h. Employment of Military Spouses. Complete the following table to provide estimated information concerning **military spouses** who are also employed in the area defined in response to question 1.b., above. **Do not fill in shaded area.**

1. Percentage of Military Employees Who Are Married:	65
2. Percentage of Military Spouses Who Work Outside of the Home:	58.5
3. Break out of Spouses' Location of Employment (Total of rows 3a. through 3d. should equal 100% and reflect the number of spouses used in the calculation of the "Percentage of Spouses Who Work Outside of the Home".	
3a. Employed "On-Base" - Appropriated Fund:	12.9
3b. Employed "On-Base" - Non-Appropriated Fund:	25.8
3c. Employed "Off-Base" - Federal Employment:	6.5
3d. Employed "Off-Base" - Other Than Federal Employment	54.8

Source of Data (1.h.) Spouse Employment Data): SUBASE Bangor Telephone Survey

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

2. Infrastructure Data. For each element of community infrastructure identified in the two tables below, rate the community's ability to accommodate the relocation of additional functions and personnel to your activity. Please complete each of the three columns listed in the table, reflecting the impact of various levels of increase (20%, 50% and 100%) in the number of personnel working at the activity (and their associated families). In ranking each category, use one of the following three ratings:

- A** - Growth can be accommodated with little or no adverse impact to existing community infrastructure and at little or no additional expense.
- B** - Growth can be accommodated, but will require some investment to improve and/or expand existing community infrastructure.
- C** - Growth either cannot be accommodated due to physical/environmental limitations or would require substantial investment in community infrastructure improvements.

Table 2.a., "Local Communities": This first table refers to the local community (i.e., the community in which the base is located) and its ability to meet the increased requirements of the installation.

Table 2.b., "Economic Region": This second table asks for an assessment of the infrastructure of the economic region (those counties identified in response to question 1.b., (page 3) - taken in the aggregate) and its ability to meet the needs of additional employees and their families moving into the area.

For both tables, annotate with an asterisk (*) any categories which are wholly supported on-base, i.e., are not provided by the local community. These categories should also receive an A-B-C rating. Answers for these "wholly supported on-base" categories should refer to base infrastructure rather than community infrastructure.

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

1) Using the **A - B - C** rating system described above, complete the table below.

BACKGROUND: Kitsap County is a small largely rural and wooded county occupying the northern two thirds of the Kitsap Peninsula. The county's orientation is to the outdoors and water. (Mason and Pierce Counties occupy the remainder of the peninsula.)

SUBASE Bangor is located in Central Kitsap County just to the north of Silverdale, a rapidly developing area. For the proposed increases, the population increase model developed by PSNS was used and applied to our population base. For the requested scenarios, the population increase is estimated in the table below:

NOTE: SUBASE Bangor's answer to this question reflects the entire Bangor complex with all tenant commands.

Category	20% Increase	50% Increase	100% Increase
Off-Base Housing	A	B	B
Schools - Public	A	B	B
Schools - Private	A	A	B
Public Transportation - Roadways	A	B	B
Public Transportation - Buses/Subways	A	B	B
Public Transportation - Rail	A	A	A
Fire Protection	A	B	B
Police	B	B	B
Health Care Facilities	A	A	A
Utilities:			
Water Supply	B	B	C ¹
Water Distribution	A	B	C ²

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Category	20% Increase	50% Increase	100% Increase
Energy Supply	A	B	B
Energy Distribution	A	B	C ³
Wastewater Collection	A	B	B
Wastewater Treatment	A	B	C ⁴
Storm Water Collection	B	B	C ⁵
Solid Waste Collection and Disposal	A	A	B
Hazardous/Toxic Waste Disposal	A	A	A
Recreational Activities	A	B	C ⁶

Remember to mark with an asterisk any categories which are wholly supported on-base.

2) For each rating of "C" identified in the table on the preceding page, attach a brief narrative explanation of the types and magnitude of improvements required and/or the nature of any barriers that preclude expansion.

(1) New source wells will be required with enhancement of the existing distribution systems. Kitsap County is currently in the process of preparing an extensive study to address the Counties long term water needs.

(2) Since existing central aquifers cannot meet the population demand, additional demand must be supplied from new source wells in southwest Kitsap County and northern Mason County and piped to populated areas. Existing distribution systems will need to be interconnected and new systems installed to protect existing aquifers.

(3) Will require construction of one 20 MVA electrical substation at a cost of \$2.2M in 1995 dollars plus associated distribution lines at \$110K per mile.

(4) Waste Water Treatment. The local treatment plant at Brownsville will have to be expanded to meet these requirements. Although SUBASE has purchased enough capacity at the plant to accommodate a 100% increase, the County has been asking if SUBASE would

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sell off some of the capacity to accommodate other growth related needs. A \$37M upgrade is currently being contemplated by the County.

(5) Stormwater Collection. Local stormwater detention/retention facilities will be required and improvements to culverts and enclosed drainage systems will be necessary.

(6) Recreational Activities. An additional 10,000 - 12,000 people and their families would significantly increase the demand on parks, water recreation areas, and natural preservation areas.

Source of Data (2.a.1) & 2) - Local Community Table:

1. SUBASE Bangor Director of Family Housing
2. Kitsap County School Districts
3. Developed from NSB Bangor Private School Survey
4. Kitsap County Department of Transportation
5. Kitsap County Department of Transportation
6. No Public Rail Transportation exists in this Region
7. SUBASE Bangor Security Department
8. Kitsap County Sheriff's Department
9. Kitsap County Public Health Department
- 10A. Puget Sound Water Quality Commission
- 10B. Puget Sound Water Quality Commission
- 10C. Puget Power Company
- 10D. Puget Power Company
- 10E. Kitsap County Department of Public Works
- 10F. Kitsap County Department of Public Works
- 10G. Kitsap County Department of Public Works
- 10H. Kitsap County Department of Public Works
- 10I. Kitsap County Department of Public Works
11. SUBASE Bangor MWR Department

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b. Table B: Ability of the region described in the response to question 1.b. (page 3) (taken in the aggregate) to meet the needs of additional employees and their families relocating into the area.

1) Using the A - B - C rating system described above, complete the table below.

Category	20% Increase	50% Increase	100% Increase
Off-Base Housing	A	A	B
Schools - Public	A	A	B
Schools - Private	A	A	A
Public Transportation - Roadways	A	B	B
Public Transportation - Buses/Subways	A	B	B
Public Transportation - Rail	A	A	A
Fire Protection	A	A	B
Police	B	B	B
Health Care Facilities	A	A	A
Utilities:			
Water Supply	A	B	C ¹
Water Distribution	A	B	B
Energy Supply	A	A	B
Energy Distribution	A	B	C ²
Wastewater Collection	A	B	B
Wastewater Treatment	A	B	C ³
Storm Water Collection	B	B	C ⁴
Solid Waste Collection and Disposal	A	B	B
Hazardous/Toxic Waste Disposal	A	A	A

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Category	20% Increase	50% Increase	100% Increase
Recreation Facilities	A	A	B

Remember to mark with an asterisk any categories which are wholly supported on-base.

2) For each rating of "C" identified in the table on the preceding page, attach a brief narrative explanation of the types and magnitude of improvements required and/or the nature of any barriers that preclude expansion.

(1) Water Supply. New source wells will be required with enhancement of the existing distribution systems. Kitsap County is currently in the process of preparing an extensive study to address the Counties long term water needs. Since existing central aquifers cannot meet the population demand, additional demand must be supplied from new source wells in southwest Kitsap County and northern Mason County and piped to populated areas. Existing distribution systems will need to be interconnected and new systems installed to protect existing aquifers.

(2) Energy Distribution. Will require construction of one 20 MVA electrical substation at a cost of \$2.2M in 1995 dollars plus associated distribution lines at \$110K per mile.

(3) Wastewater Treatment. The local treatment plant at Brownsville will have to be expanded to meet these requirements. Although SUBASE has purchased enough capacity at the plant to accommodate a 100% increase, the County has been asking if SUBASE would sell off some of the capacity to accommodate other growth related needs. A \$37M upgrade is currently being contemplated by the County.

(4) Stormwater Collection. Regional stormwater detention/retention facilities will be required and improvements to culverts and enclosed drainage systems will be necessary.

Source of Data (2.a.1) & 2) - Local Community Table:

1. SUBASE Bangor Director of Family Housing
2. Kitsap County School Districts
3. Developed from NSB Bangor Private School Survey
4. Kitsap County Department of Transportation
5. Kitsap County Department of Transportation
6. No Public Rail Transportation exists in this Region
7. SUBASE Bangor Security Department

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

8. Kitsap County Sheriff's Department
9. Kitsap County Public Health Department
- 10A. Puget Sound Water Quality Commission
- 10B. Puget Sound Water Quality Commission
- 10C. Puget Power Company
- 10D. Puget Power Company
- 10E. Kitsap County Department of Public Works
- 10F. Kitsap County Department of Public Works
- 10G. Kitsap County Department of Public Works
- 10H. Kitsap County Department of Public Works
- 10I. Kitsap County Department of Public Works
11. SUBASE Bangor MWR Department

3. Public Facilities Data:

- a. **Off-Base Housing Availability.** For the counties identified in the response to question 1.b. (page 3), in the aggregate, estimate the current average vacancy rate for community housing. Use current data or information identified on the latest family housing market analysis. For each of the categories listed (rental units and units for sale), combine single family homes, condominiums, townhouses, mobile homes, etc., into a single rate:

Rental Units: 6.5% - 7%

Units for Sale: 3%

Source of Data (3.a. Off-Base Housing): Sources of data used were the Navy Housing Vacancy Factor Report (a comprehensive vacancy report which calculates vacancy percentages on rental apartments in Kitsap County), market analysis, and multiple listings. Provided by Naval Submarine Base, Bangor Housing.

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b. Education.

1) Information is required on the current capacity and enrollment levels of school systems serving employees of the activity. Information should be keyed to the counties identified in the response to question 1.b. (page 3).

School District	County	Number of Schools			Enrollment		Pupil-to-Teacher Ratio ³		Does School District Serve Gov't Housing Units? *
		Elementary	Middle	High	Current ¹	Max. Capacity ²	Current	Max. Ratio	
Bremerton	Kitsap	7	1	1	6,133	6,620	19.1:1	28.6:1	YES
Central	Kitsap	14	3	2	12,845	11,596 12,845	25:1	25:1	YES
South	Kitsap	10	3	1	10,794	10,445 10,794	26:1	28:1	YES
North	Kitsap	7	2	1	5,980	6,100	26.8:1	27.3:1	YES
Peninsula	Pierce	8	4	3	8,769	8,385 8,769	26:1	28:1	NO
North Mason	Kitsap	2	1	1	2,152	2,146 2,152	26:1	30:1	NO
Bainbridge Island	Kitsap	3	1	1	3,167	2,800 3,167	26.3:1	25.3:1	YES

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

- Note 1. Includes students in alternate schools and the Kitsap Peninsula Vocational Skills Center, neither of which is included in the "number of schools" column.
- Note 2. Based on permanent facilities only. Does not include portable classroom facilities. Space is available to locate additional portables to accommodate increased demand due to expansion.
- Note 3. Pupil to teacher ratios vary from one grade level to another. Data reflects the average ratios for all grades per school district. Maximum ratio based on teacher association contracts.

TYCOM NOTE: IN ORIGINAL SUBMISSION, CURRENT ENROLLMENT EXCEEDED MAXIMUM DESIGN CAPACITY. SUBSEQUENT INVESTIGATION BY STATION IN CONJUNCTION WITH NUWC KEYPORT RESULTED IN MAX CAPACITY BEING CHANGED TO MATCH CURRENT ENROLLMENT TO

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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

**REFLECT USAGE OF PORTABLE CLASSROOMS TO ACCOMODATE
OVERFLOW.**

Source of Data (3.b.1 Education Table): School Districts - Administrators

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

No.

Source of Data (3.b.2 On-Base Schools): Not applicable

3) For the counties identified in the response to question 1.b. (page 3), in the aggregate, list the names of undergraduate and graduate colleges and universities which offer certificates, Associate, Bachelor or Graduate degrees :

Central Texas College (Puget Sound Naval Shipyard)
Columbia College (Puget Sound Naval Shipyard)
Chapman College
City University
Olympic College
Southern Illinois University (Submarine Base, Bangor)
Lesley College
Seattle Pacific University
Northwest College of Arts
University of Puget Sound
University of Washington/Tacoma
Pierce College
Tacoma Community College
University of Puget Sound Law School
Pacific Lutheran University

Other major college and universities outside the immediate area of activity employees, but within commuting distance include:

University of Washington/Seattle
Seattle University
Seattle Pacific University

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Source of Data (3.b.3 Colleges): Telephone Books

4) For the counties identified in the response to question 1.b. (page 3), in the aggregate, list the names and major curriculums of vocational/technical training schools:

Eton Technical Institute - Health Careers, Medical, Dental, Word Processing
 Office Training Center - Telephone Skills, Typing, Word Processing
 Kitsap Peninsula Vocational Skills Center - Food Services, Auto Mechanics, etc.
 Clover Park Technical College - Variety
 L.H. Bates Technical College - Barbering, Upholstery, Beautician, etc.
 Trans Union Truck Driving School - Semi-truck driving instruction
 Western Truck School - Semi-truck driving instruction
 Business Computer Training Institute
 Griffin College - Business courses
 Puget Sound Naval Shipyard Apprentice School - Electronic/electrical, structural, machinist,
 and service utilities related trades.

Source of Data (3.b.4 Vo-tech Training): Telephone Books

c. Transportation.

1) Is the activity served by public transportation?

	<u>Yes</u>	<u>No</u>
Bus:	<u> X </u>	<u> </u>
Rail:	<u> </u>	<u> X </u>
Subway:	<u> </u>	<u> X </u>
Ferry:	<u> </u>	<u> X </u>

Source of Data (3.c.1 Transportation): Naval Submarine Base, Bangor Community Development Division

2) Identify the location of the nearest passenger railroad station (long distance rail service, not commuter service within a city) and the distance from the activity to the station.

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- a. Tacoma Amtrak passenger station - approximately 45 miles by automobile.
- b. Seattle Amtrak passenger station - approximately 26 miles by auto with a 35 minute ferry crossing from Bainbridge Island to Seattle.

Source of Data (3.c.2 Transportation): Naval Submarine Base, Bangor Community Development Division

3) Identify the name and location of the nearest commercial airport (with public carriers, e.g., USAIR, United, etc.) and the distance from the activity to the airport.

- a. Seattle-Tacoma International Airport - approximately 65 miles by highway or 30 miles by highway and a 35 minute ferry crossing from Bainbridge Island to Seattle.

Source of Data (3.c.3 Transportation): Naval Submarine Base, Bangor Community Development Division

4) How many carriers are available at this airport?

24 scheduled carriers
9 charter carriers
15 cargo only carriers

Source of Data (3.c.4 Transportation): Port of Seattle Planning Office

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

- a. Interstate 5 - 40 miles (Tacoma, WA)

Source of Data (3.c.5 Transportation):

6) Access to Base:

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a) Describe the quality and capacity of the road systems providing access to the base, specifically during peak periods. (Include both information on the area surrounding the base and information on access to the base, e.g., numbers of gates, congestion problems, etc.)

Primary access to the Bangor complex is by State Route 3, which is a four lane freeway. Other roads providing access to the base are Clear Creek Road, which is a two lane county road, and Trigger Avenue, which provides access to the south end of the base off State Route 3.

b) Do access roads transit residential neighborhoods?

Clear Creek Road transits residential neighborhood roads. The other two roads do not.

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

Expansion of the access road system would be difficult since most of the property in the vicinity of the base is owned by private parties. The existing stretch of State Route 3 required numerous condemnation actions and was highly controversial.

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

The Hood Canal floating bridge, about 17 miles north of the base, is occasionally closed because of inclement weather and ships which pass through it. No other barriers are within 40 miles of the base.

<p>Source of Data (3.c.6 Transportation): Kitsap County Highway Department and Subbase Bangor Community Development Division</p>

d. **Fire Protection/Hazardous Materials Incidents.** Does the activity have an agreement with the local community for fire protection or hazardous materials incidents? Explain the nature of the agreement and identify the provider of the service. Yes.

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Fire protection: Naval Submarine Base, Bangor has formal mutual fire aid agreements with the city of Poulsbo, Kitsap County Fire District No. 1 (Silverdale), and Kitsap County Fire District No. 18.

Hazardous Materials incidents: Mutual aid per regional and national response plans. Naval Submarine Base, Bangor is service provider for DoD installations on the Kitsap and Olympic peninsulas. Naval Submarine Base, Bangor is the service provider only of the last resort for rest of the United States.

<p>Source of Data (3.d. Fire/Hazmat): NSB Bangor fire department/NSB Bangor Hazardous Materials and Waste Management Branch</p>
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e. Police Protection.

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

Concurrent jurisdiction with the Kitsap County Sheriffs Department.

2) If there is more than one level of legislative jurisdiction for installation property, provide a brief narrative description of the areas covered by each level of legislative jurisdiction and whether there are separate agreements for local law enforcement protection.

There is only the level of jurisdiction specified above.

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

No local agreement. Regional agreements apply - NAVBASE Seattle agreements with the Washington State Patrol provides special weapons assault team (SWAT) support during hostage situations.

4) If agreements exist with more than one local law enforcement entity, provide a brief narrative description of whom the agreement is with and what services are covered.

No other agreements exist.

**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

5) If military law enforcement officials are routinely augmented by officials of other federal agencies (BLM, Forest Service, etc.), identify any written agreements covering such services and briefly describe the level of support received.

No augmentation with or by other federal agencies occur.

Source of Data (3.e. 1 - 5 Police): NSB Bangor Security Department

f. Utilities.

1) Does the activity have an agreement with the local community for water, refuse disposal, power or any other utility requirements? Explain the nature of the agreement and identify the provider of the service. Yes.

a. Electrical power: Electrical power for Naval Submarine Base, Bangor provided directly from the Bonneville Power Administration. Naval Submarine Base, Bangor has one minor service connection to Puget Power Company, the local electric utility for a remote facility.

b. Sanitary sewerage: Sanitary sewage treatment provided by Kitsap County at their Brownsville Treatment Facility.

c. Natural Gas: Natural gas is provided by Cascade Natural Gas, Bremerton, WA.

2) Has the activity been subject to water rationing or interruption of delivery during the last five years? If so, identify time period during which rationing existed and the restrictions imposed. Were activity operations affected by these situations? If so, explain extent of impact. No.

3) Has the activity been subject to any other significant disruptions in utility service, e.g., electrical "brown outs", "rolling black outs", etc., during the last five years? If so, identify time period(s) covered and extent/nature of restrictions/disruption. Were activity operations affected by these situations? If so, explain extent of impact. No.

Source of Data (3.f. 1 - 3 Utilities): Naval Submarine Base Bangor Utility Division

**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

4. **Business Profile.** List the top ten employers in the geographic area defined by your response to question 1.b. (page 3), taken in the aggregate, (include your activity, if appropriate):

Employer	Product/Service	No. of Employees
1. Puget Sound Naval Shipyard	Shipyard	22,394
2. Naval Submarine Base, Bangor	Submarine Base	8,743
3. Naval Undersea Warfare Center, Keyport	Underwater Weapons Engineering	3,582
4. State Agencies	Public Services	1,752
5. Central Kitsap School District	Education	1,350
6. Harrison Memorial Hospital, Bremerton	Medical	1,335
7. South Kitsap School District	Education	1,100
8. Kitsap County	Community Services	879
9. Johnson Controls World Service	Military Base Operations Support	850
10. VITRO	Military Engineering Logistics Support	844

Note 1. "Number of Employees" includes military and civilian personnel.

<p>Source of Data (4. Business Profile): Economic Development Council of Kitsap County, February 1993</p>
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ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

5. Other Socio-Economic Impacts. For each of the following areas, describe other recent (past 5 years), on-going or projected economic impacts (both positive and negative) on the geographic region defined by your response to question 1.b. (page 3), in the aggregate:

a. **Loss of Major Employers:** There has been no loss of major employers during the last five years, although downsizing has occurred at many activities over the last several years. A major effort is underway to diversify employment in the County. Government employment has decreased from 57 percent of the civilian employment of the total in 1980 to 44 percent in 1990 and 41 percent in 1993.

b. **Introduction of New Businesses/Technologies:** New businesses have been largely retail trade and services. The initial boost came from Trident impact in the late 70's. This boost resulted in a major retail center being established in Silverdale, Washington, an unincorporated community about five miles north of Bremerton. The impact of this center was underestimated: (1) It is a major shopping area for residences of Clallam and Jefferson Counties to the west of Kitsap County, and (2) Kitsap residents are far less inclined to trade in the major metropolitan areas of Seattle and Tacoma.

New large retail outlets continue to locate in the region. Construction is underway for a 105,000 SF mall at Silverdale. Announced are two 50,000 SF complexes for food and home furnishings and a Wal-Mart store.

Of the three major industrial parks in the region, only 4,000 SF of space is available or 0.75 percent.

c. **Natural Disasters:** There have been no significant natural disasters. Climate is relatively mild and due to a lack of major rivers, the county is not subject to flooding.

d. **Overall Economic Trends:** As noted above, the dependence on Government employment continues to decline. The largest recent economic event in the Region was the 1993 IVERA at the Puget Sound Naval Shipyard.

Over the last five years, the unemployment rate has averaged 5.6 percent, or one percent lower than the state average. January 1994 rates were 5.9 percent for the region and 6.8 percent for the State.

Source of Data (5. Other Socio/Econ): Puget Sound Naval Shipyard

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

Personal Excellence thru Cooperative Education, Combined Federal Campaign, Navy/Marine Corps Relief drive, Earth Day clean up.

Source of Data (6. Other): SUBASE Community Development Division

BRAC-95 CERTIFICATION DATA CALL SIXTY FIVE

SUBASE BANGOR

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

MAJOR CLAIMANT LEVEL

R. J. KELLY

NAME (Please type or print)


Signature

Commander In Chief

Title

3 Aug 94
Date

U. S. Pacific Fleet

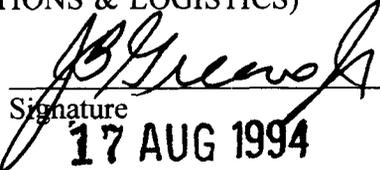
Activity

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

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

J. B. GREENE, JR.

NAME (Please type or print)


Signature

ACTING

Title

17 AUG 1994
Date

**DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA**

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.

NAVAL SUBMARINE BASE, BANGOR
BRAC DATA CALL 65, ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

E.R. LOCKWOOD

NAME (Please type or print)



Signature

Commanding Officer

Title

7/11/94

Date

Naval Submarine Base, Bangor
Activity

DATA CALL 65
ECONOMIC AND COMMUNITY INFRASTRUCTURE DATA

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

COMMANDER SUBMARINE GROUP NINE

R. H. SETSER, JR., USN
NAME (Please type or print)

RH Setser
Signature

Chief of Staff
Title

7/11/94
Date

Commander Submarine Group 9
Activity

COMMANDER SUBMARINE FORCE, U.S. PACIFIC FLEET

J. M. BARR, RADM, USN
NAME (Please type or print)

JMBarr
Signature

Commander Submarine Force,
Title

7/22/94
Date

U.S. Pacific Fleet
Activity