

Candidate Recommendation # DON-0033R

Candidate Recommendation: Close Naval Submarine Base (SUBASE) New London, CT. Relocate its assigned submarines, ARDM-4, and NR-1 along with their dedicated personnel, equipment and support to SUBASE Kings Bay, GA and Naval Station (NAVSTA) Norfolk, VA. Relocate the intermediate submarine repair function to Ship Intermediate Repair Activity Norfolk, VA, Naval Shipyard Norfolk, VA, and Trident Refit Facility Kings Bay, GA. Relocate the Naval Submarine School and Center for Submarine Learning to SUBASE Kings Bay. Relocate Naval Security Group Activity (NSGA) Groton, CT to NAVSTA Norfolk and consolidate with NSGA Norfolk at NAVSTA Norfolk. Relocate Commander Naval Submarine Group Two to NAVSTA Norfolk, VA. Consolidate Naval Submarine Medical Research Laboratory (NSMRL) Groton, CT, with Naval Medical Research Center (NMRC) at Walter Reed Army Medical Center Forest Glenn Annex, MD. Relocate Naval Undersea Medical Institute (NUMI) Groton, CT to Naval Air Station (NAS) Pensacola, FL and Fort Sam Houston, TX. Consolidate COMNAVREG Northeast, New London, CT with COMNAVREG, Mid-Atlantic, Norfolk, VA.

Justification: The berthing capacity at SUBASE New London is excess to the capacity required to support the Force Structure Plan. Sufficient capacity and fleet dispersal is maintained with the East Coast submarine fleet homeports of NAVSTA Norfolk and SUBASE Kings Bay. This closure will result in a capacity reduction of 16.25 Cruiser Equivalents (CGE) and the relocation of submarines at SUBASE New London to bases with a higher military value. This closure, combined with other closures in the Surface-Subsurface Operations function, results in the maximum reduction of excess capacity while increasing the average military value of the remaining bases in this functional area. The intermediate submarine repair function is relocated to SIMA Norfolk, Norfolk Naval Shipyard, and the Trident Refit Facility Kings Bay in support of the relocating submarines. Consolidating the NSMRL with assets at the Walter Reed Army Medical Center Forest Glenn Annex will create a DOD Center of Hyperbaric and Undersea Medicine that will increase synergy by consolidating previously separate animal and human research capabilities at a single location. The consolidation of COMNAVREG Northeast, New London, CT with COMNAVREG, Mid-Atlantic, Norfolk, VA, is in concert with Department of Navy efforts to reduce the number of Installation Management (IM) Regions from ten to six. Sufficient IM capability for CONUS resides within the remaining Regions. Consolidation of the Regions rationalizes regional management structure and allows for opportunities to collocate regional entities to align management concepts and efficiencies.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is \$679.64 million. The net of all costs and savings during the implementation period is a cost of \$345.44 million. Annual recurring savings to the Department after implementation are \$192.77 million with a payback expected in three

years. The net present value of the costs and savings to the Department over 20 years is a savings of \$1.58 billion.

Impacts:

Economic Impact on Communities: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 15,818 jobs (8,461 direct jobs and 7,357 indirect jobs) over the 2006-2011 period in the Norwich-New London, Connecticut Metropolitan Statistical Area, which is 9.38 percent of economic area employment.

Community Infrastructure: A review of community attributes indicates there are no issues regarding the ability of the infrastructure of the community to support missions, forces, and personnel.

Environmental Impact:

A review of environmental resource areas indicates there are no substantial environmental impacts occasioned by this recommendation. NAVSTA Norfolk is in Maintenance for 1-Hour Ozone and Marginal Non-attainment for Ozone 8-hour. An Air Conformity determination may be required. NAVSTA Norfolk reports additional impacts for Dredging, Marine Mammals, TES and Water Resources. There are no anticipated impacts to the resource areas of Cultural Resources, Land Use, Noise, Waste Management or Wetlands.

SUBASE Kings Bay is in attainment. The installation reports impacts for Dredging, Marine Mammals, TES and Water Resources. There are no anticipated impacts to the resource areas of Air Quality, Cultural Resources, Land Use, Noise, Waste Management or Wetlands.

NAS Pensacola is in attainment. It notes impacts to Cultural Resources, Waste Management and Wetlands. There are no impacts to the resource areas of Dredging, Land Use, Marine Mammals, Noise, TES, and Water Resources.

Walter Reed Medical Center-Forrest Glen Annex is in Severe Non-attainment for 1-Hour and 8-Hour Ozone and an Air Conformity determination will be required. Additional impacts to Land Use and Wetlands are noted. There are no impacts to the resource areas of Cultural Resources, Dredging, Marine Mammals, Noise, TES, Waste Management and Water Resources.

Ft Sam Houston is in attainment. Impacts to Cultural Resources, TES and Water Resources are noted. There are no impacts to the resource areas of Air Quality, Dredging, Marine Mammals, Noise and Waste Management.

Overall, there are no known environmental impediments to implementation of this recommendation.

This recommendation indicates impacts of costs at all the installations involved. The closing installation, SUBASE New London, reports costs of approximately \$1 thousand for HAZMAT Procurement/HAZWASTE disposal, unidentified costs for closure of Treatment, Storage and Disposal Facilities and Controlled Industrial Facility and removal of existing HAZMAT (product in tanks, storage containers, fuel in abandoned pipelines, etc). NAVSTA Norfolk indicates impacts of costs to prevent disruption to the POTW requiring unidentified additional labor and disposal costs, increased waste disposal costs, \$15 thousand for a dredging permit, \$93 thousand for an environmental assessment for dredging, and \$20 thousand for an Air Conformity determination for Sea Wolf projects. SUBASE Kings Bay indicates \$8.2 million for Water, Sanitary/Wastewater and Oily Waste System Upgrades, \$2 million for a Cumulative Environmental Assessment, \$75 thousand for Hazardous Waste Response Satellite Sites and \$375 thousand for updating environmental plans: Spill Prevention, Control and Countermeasure, Facility Response Plan, Hazardous Waste Management Plan, Integrated Natural Resources Management Plan, and Industrial Waste Water Management Plan. NAS Pensacola reports \$5 thousand for HAZWASTE disposal, \$30 thousand to modify the Title V Air permit and \$150K for NEPA documentation (EA). Walter Reed indicates costs of \$25 thousand to \$75 thousand for Air Conformity, \$100 to \$500 thousand for new source review and permitting, \$100 thousand for NEPA documentation (EA) and various Cultural/Tribal Resource costs from \$500 to \$40 thousand for site assessments. Ft Sam Houston indicates costs of \$10 thousand for a programmatic agreement, \$500 to \$2 thousand for Tribal consults, \$20 thousand to \$2 million for TES management and \$100 thousand for NEPA documentation (EA). These costs were included in the payback calculation. SUBASE New London reports \$23.9M in environmental restoration costs. Because the Department has a legal obligation to perform environmental restoration regardless of whether an installation is closed, realigned, or remains open, this cost is not included in the payback calculation. This recommendation does not otherwise impact the costs of environmental restoration, waste management, or environmental compliance activities.

Attachments:

Supporting Information

COBRA Report

Economic Impact Report(s)

Installation Criterion 7 Profile(s)

Summary of Scenario Environmental Impacts Report

Candidate Recommendation # DON-0033R Supporting Information:

Arrayed Military Value Results for Surface-Subsurface Operations

Ranking	DoN Activity	Military Value
1	NS PEARL HARBOR HI	74.50
2	NS NORFOLK VA	67.51
3	NAVSHIPYD NORFOLK VA	64.03
4	SUBASE KINGS BAY GA	63.51
5	NS BREMERTON WA	63.25
6	SUBASE BANGOR WA	62.98
7	NS SAN DIEGO CA	61.43
8	NAS NORTH ISLAND CA	59.68
9	SUBASE SAN DIEGO CA	58.29
10	NAVMAG PEARL HARBOR	58.24
11	NAB LITTLE CREEK VA	55.90
12	NS MAYPORT FL	55.71
13	NS EVERETT WA	50.68
14	SUBASE NEW LONDON CT	50.68
15	NAVSHIPYD PORTSMOUTH NH	48.21
16	COMNAVMARIANAS GU	47.67
17	NAS PENSACOLA FL	45.85
18	BLOUNT ISLAND CMD JAX FL	45.78
19	WPNSTA YORKTOWN VA	44.91
20	WPNSTA CHARLESTON SC	43.31
21	NB VENTURA CTY PT MUGU CA	42.86
22	NS NEWPORT RI	42.36
23	NS INGLESIDE TX	42.23
24	NAS KEY WEST FL	40.59
25	WPNSTA EARLE COLTS NECK NJ	39.07
26	NAVORDTESTU CAPE CANAVERAL FL	37.71
27	NS PASCAGOULA MS	37.08
28	NSA PANAMA CITY FL	33.73
29	WPNSTA SEAL BEACH at CONCORD CA	30.82

Shaded Activities Represent "Non-Active" Bases

Medical Dental RDA Sub-Function: <i>Hyperbaric and Undersea Medicine Research</i>		
Activity	Sub-function RDA MV score*	Total RDA MV score
Naval Experimental Diving Unit – NAS Panama City	24.54	24.54
Naval Submarine Medical Research Laboratory – SUBSHIP Groton CT	22.10	22.10
Naval Medical Research Center – WRAMC-FGA	1.12	26.86

*Pro-rated military value score for activity, based on percentage of workforce performing the function

For Military Value Analysis results for Shipyard Intermediate Maintenance Activities, see attached.

Arrayed Military Value Results for IM Regions:

Ranking	DoN Installation	Military Value Score
1	COMNAVREG MIDLANT	86.7
2	COMNAVREG SW	82.7
3	COMNAVDIST WASHINGTON	73.0
4	COMNAVREG SE	67.2
5	COMNAVREG NW	65.6
6	COMNAVREG HI	65.2
7	COMNAVREG NE	59.9
8	COMNAVREG MW	54.4
9	COMNAVREG GULF COAST	50.0
10	COMNAVMARIANAS	44.1
11	COMNAVREG SOUTH	41.1
12	COMNAVRESFORCOM	40.4

Surface-Subsurface Operations Function - Capacity Analysis Results

<u>Installation</u>	<u>Available Capacity (Cruiser Equivalents- CGE)</u>
Active Homeports	
NAVSTA NORFOLK	97.25
NAVSTA SAN DIEGO	87
NAVSTA PEARL HARBOR	49.75
NAVSTA BREMERTON	14
NAVSTA MAYPORT	32.5
NAVPHIBASE LITTLE CREEK	27
NAS NORTH ISLAND	20
SUBASE NEW LONDON	16.25
NAVSTA INGLESIDE	13.5
SUBASE KINGS BAY	13.5
NAVSTA EVERETT	12
COMNAVMARIANAS GU	11
SUBBASE SAN DIEGO	10.5

WEPSTA EARLE	8
SUBASE BANGOR	7.75
NAVSTA PASCAGOULA	5.5
Total	425.5
WEAPSTAs	
WPNSTA CHARLESTON	12
NAVMAG PEARL HARBOR	4.5
WPNSTA YORKTOWN	3
NAVWPNSTA SEAL BCH DET CONCORD CA	3
Total	22.5
SHIPYARDS	
NAVSHIPYD NORFOLK	28.75
NAVSHIPYD PORTSMOUTH	16.25
NAVSHIPYD PEARL HARBOR	22
NAVSHIPYD PUGET SOUND	28
Total	95
OTHER	
NAS KEY WEST	8
NAS PENSACOLA	7.5
NAVSTA NEWPORT	5
NAVBASE VENTURA COUNTY CA	5
NAVORDTESTU	4
NAVSUPPACT PANAMA CITY	3
BLOUNT ISLAND CMD	2
Total	34.5
Non-Active Total	152
Grand Total	577.5

Medical/Dental RDA Sub-Function: Hyperbaric and Undersea Medicine Research						
Activity Name	Current Usage	Current Capacity	Surge Rqmt	Capacity Available to Surge	Max Capacity	Excess Capacity
Naval Submarine Medical Research Laboratory – SUBSHIP Groton CT	26	32	28.6	6	32	3.4
Naval Medical Research Center – WRAMC-FGA	9.86	10	10.84	0.14	10	-0.84
Naval Experimental Diving Unit – NAS Panama City	127	131	139.7	4	131	-8.7

For Capacity Analysis results for Shipyard Intermediate Maintenance Activities, see attached.