

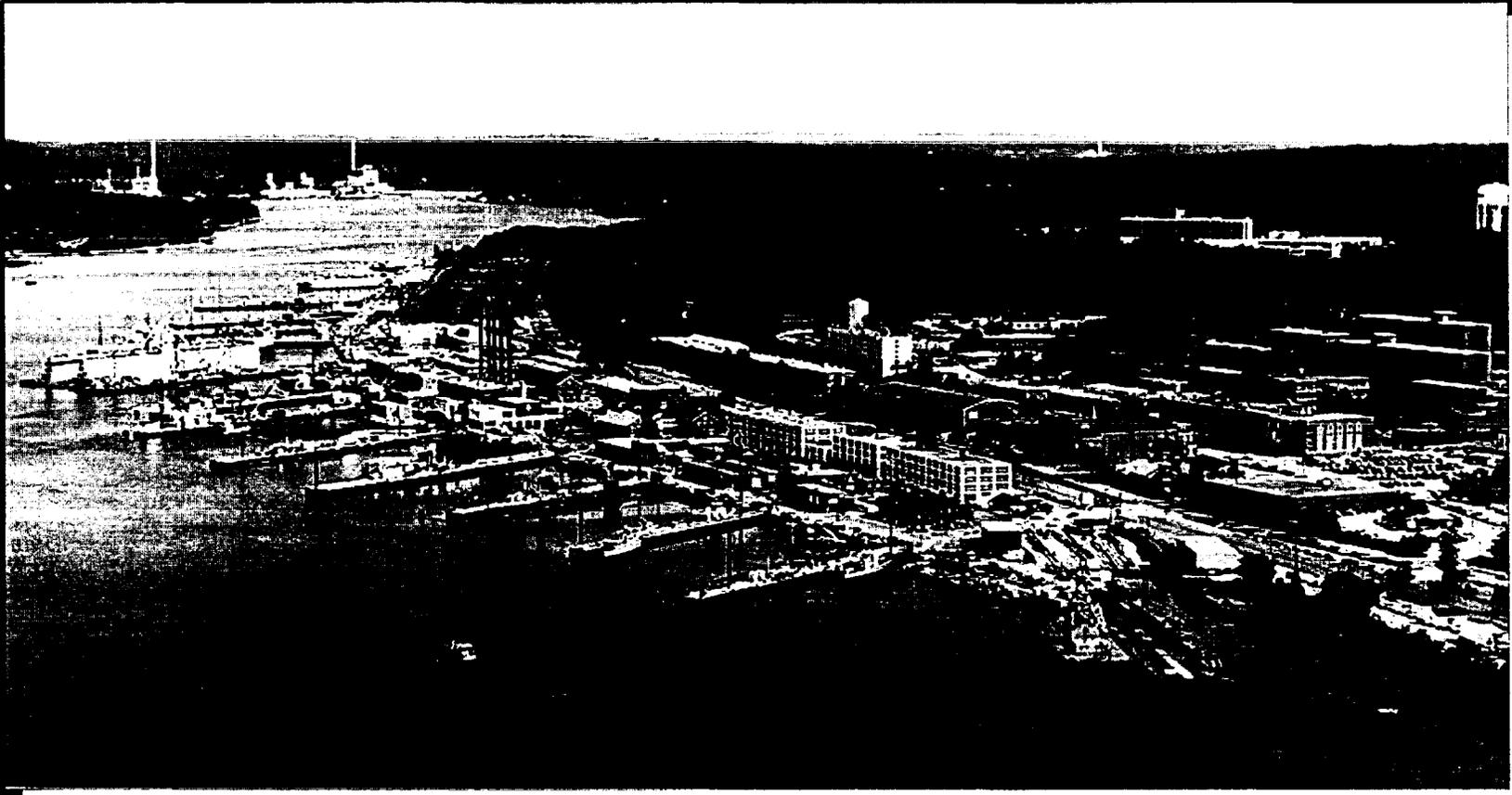
**BRAC Commissioner Turner Visit****Naval Submarine Base New London  
Wednesday 27 July 2005**

Time	Event	Presenter
0800	Commissioner Turner arrives	
0805	Welcome & Intros	RDML Kenny
	Group 2 Brief	RDML Kenny
	SUBASE Brief	CAPT Sullivan
	SLC Brief	CAPT Swan
	Region Brief	RDML Watters
0900	Windshield tour of SUBASE	CAPT Sullivan
1000	Out Brief with Commission	RDML Kenny

## Notes:

Briefings and out brief will be in Building 439 Group Two Conference Room

# Naval Submarine Base New London



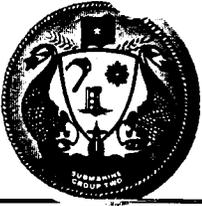


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# COMSUBGRU TWO Brief for BRAC Commission Visit



***RDML Mark Kenny***  
***Commander, Submarine Group TWO***  
***27 July 2005***



## *Today's Brief*

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- **Undersea Center of Excellence**
- **Provide background information on our submarine force that will be useful in your work**
- **Focus in on COMSUBGRU TWO responsibilities**
- **Review BRAC recommendations**



# ***Undersea Center of Excellence***

***Synergy within Southern New England***

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- **GENERAL DYNAMICS, ELECTRIC BOAT DIVISION – WORKS SIDE BY SIDE WITH THE INDUSTRIAL PARTNERS THAT CONCEIVE, DESIGN, DEVELOP, TEST, BUILD, AND MAINTAIN A MAJOR WEAPONS PLATFORM.**
- **NAVAL UNDERSEA WARFARE CENTER, NEWPORT, RI, A FULL SPECTRUM RESEARCH DEVELOPMENT TEST AND EVALUATION, ENGINEERING, AND FLEET SUPPORT CENTER FOR SUBMARINES.**
- **NAVAL WARFARE DEVELOPMENT COMMAND – WARFARE STRATEGY LOCATED AT THE NAVAL WAR COLLEGE, NEWPORT**
- **SUBMARINE DEVELOPMENT SQUADRON TWELVE WHERE THE UNDERSEA WARFARE TECHNOLOGIES AND TACTICS ARE HONED AND DEVELOPED WITH THE NAVAL UNDERSEA WARFARE CENTER, NEWPORT, RI**



# ***Undersea Center of Excellence***

***Synergy within Southern New England***

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- **NAVAL UNDERSEA MEDICAL INSTITUTE – WILL RELOCATE TO NAVAL AIR STATION, PENSACOLA, FL AND FT. SAM HOUSTON, TX**
- **NAVAL SUBMARINE MEDICAL RESEARCH LABORATORY – WILL RELOCATE TO WALTER REED ARMY MEDICAL CENTER, FORREST GLEN ANNEX, MD**
- **UNIVERSITY OF RHODE ISLAND GRADUATE SCHOOL OF OCEANOGRAPHY**
- **PENN STATE UNIVERSITY APPLIED RESEARCH LABORATORY**
- **UNIVERSITY OF CONNECTICUT MARINE SCIENCES DEPARTMENT**
- **COAST GUARD RESEARCH AND DEVELOPMENT CENTER**
- **COAST GUARD ACADEMY, NEW LONDON, CT**
- **UNIVERSITY OF MASSACHUSETTS WOODS HOLE OCEANOGRAPHIC INSTITUTE**
- **SURFACE WARFARE OFFICERS SCHOOLS COMMAND, NEWPORT, RI**



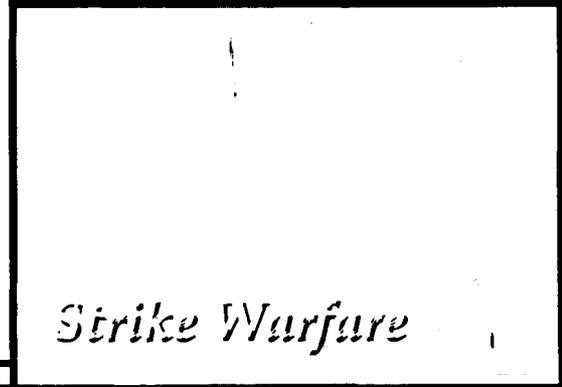
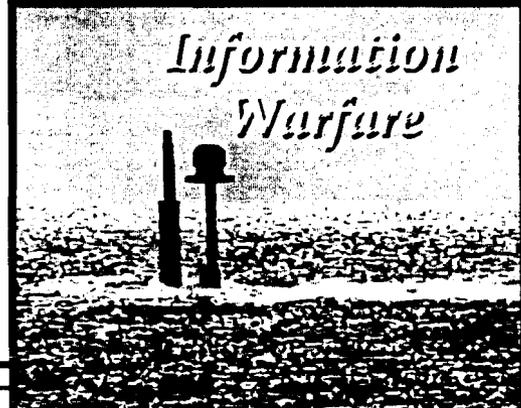
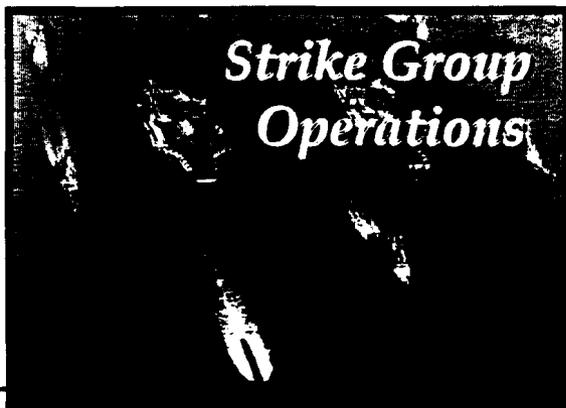
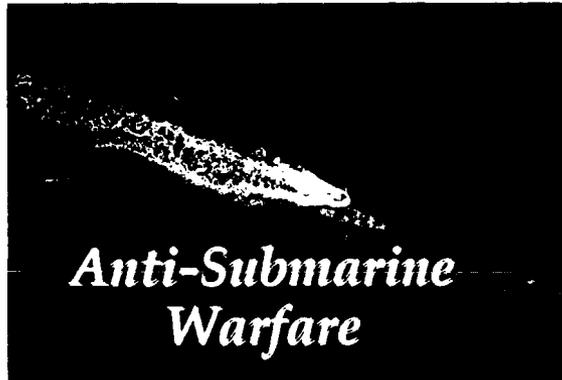
## *Submarine Force*

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**The Submarine Force operates and maintains combat ready nuclear-powered attack submarines (SSNs) and strategic deterrent submarine (SSBNs)**



# Attack Submarine (SSN) Mission Capabilities





# ***Submarine Missions***

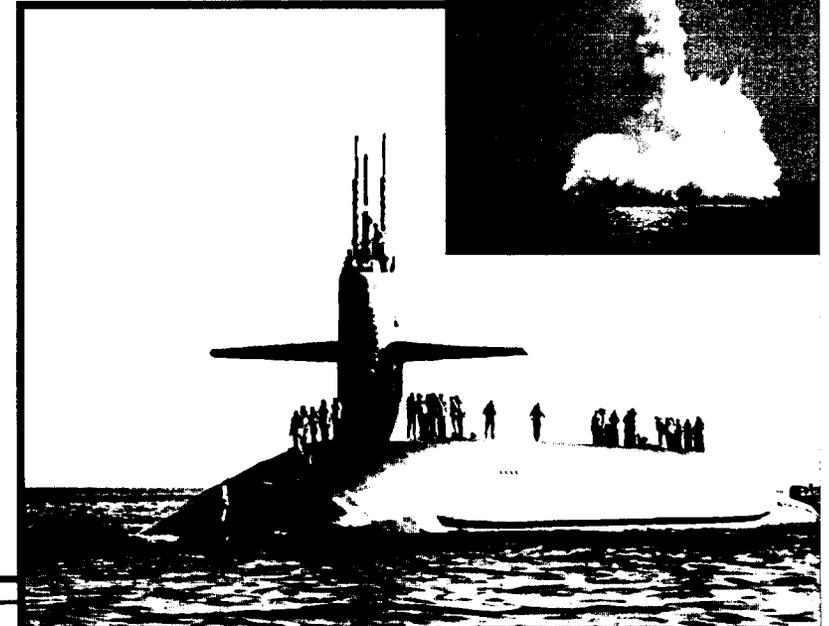
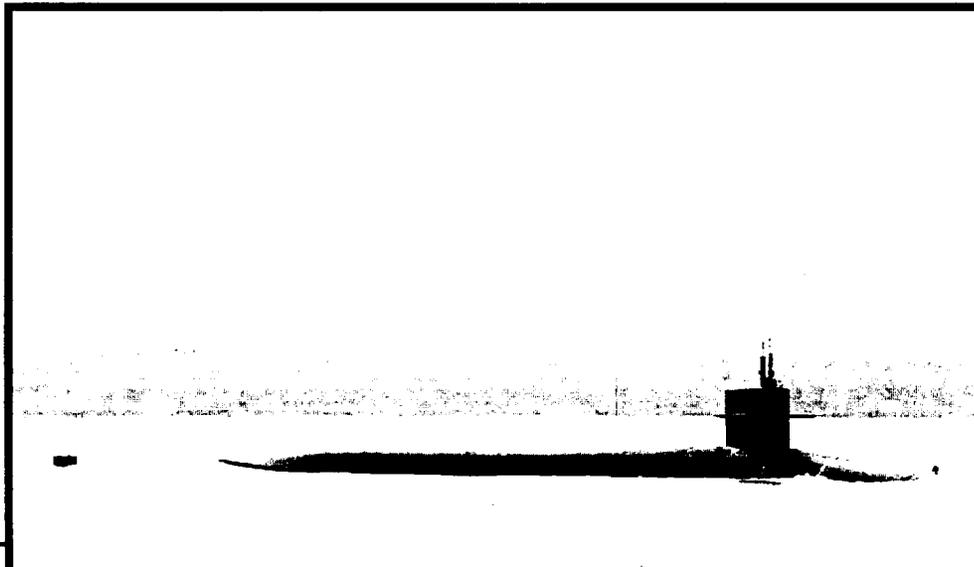
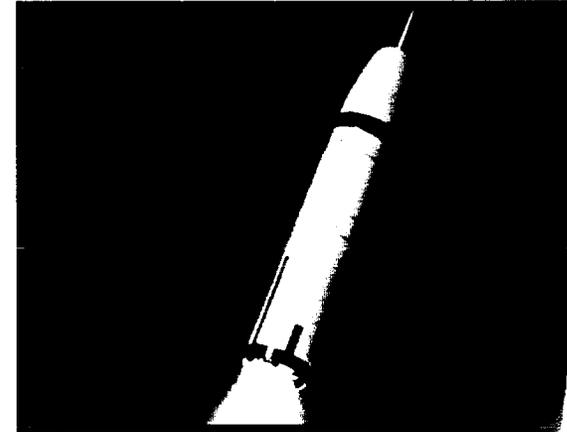
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- **GWOT**
- **East Asia**
- **Others**



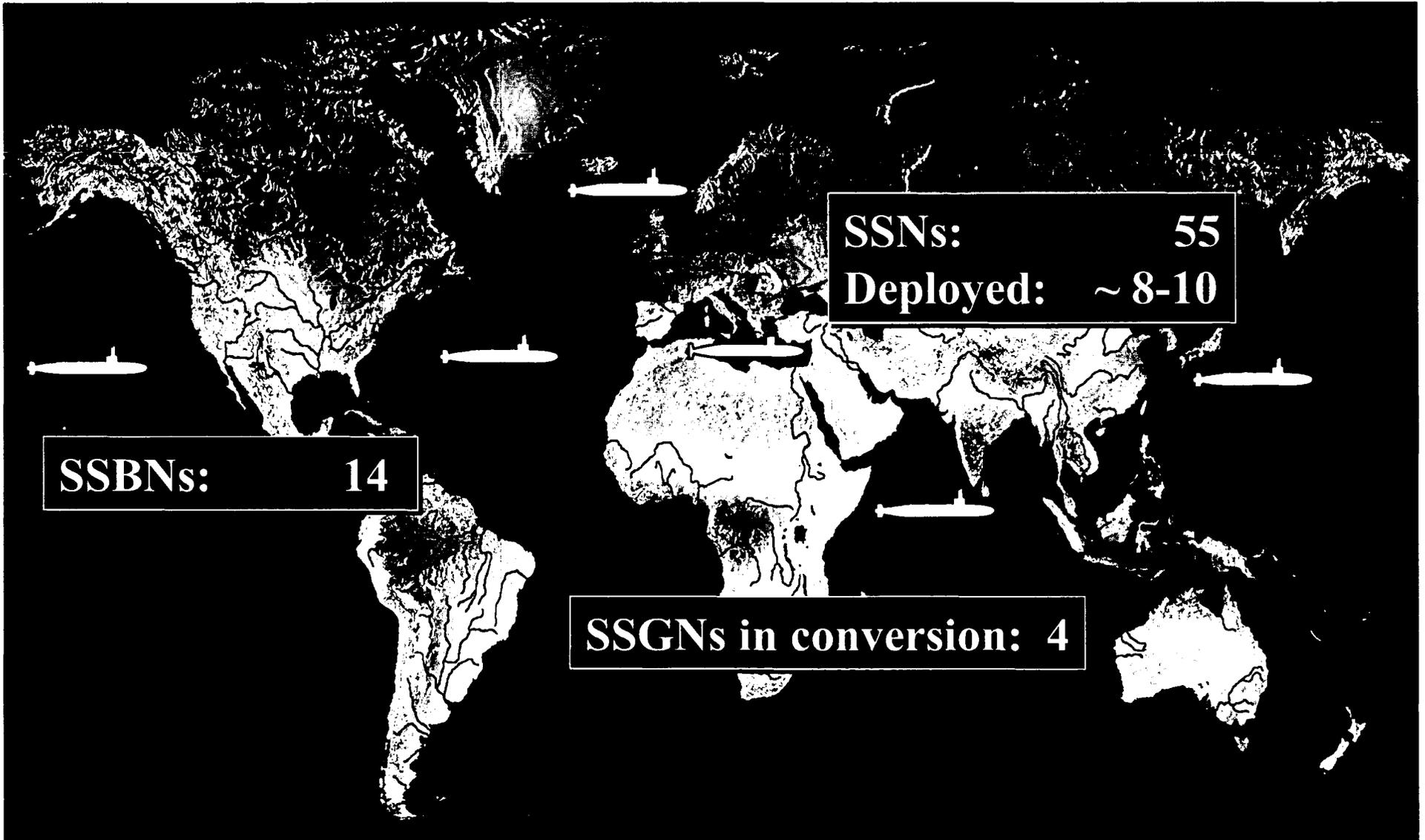
# ***Trident Submarines (SSBN) Cornerstone of Strategic Deterrence***

- **54% of warheads**
  - **19% of strategic budget**
  - **100% of survivable warheads**
  - **35% of strategic personnel**
  - **Over 3600 SSBN patrols since 1960**
- 770 Trident patrols**





# Today's Submarine Force



SSNs: 55  
Deployed: ~ 8-10

SSBNs: 14

SSGNs in conversion: 4



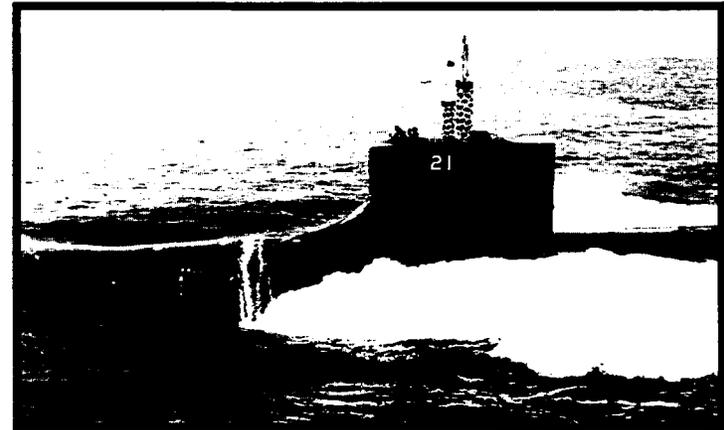
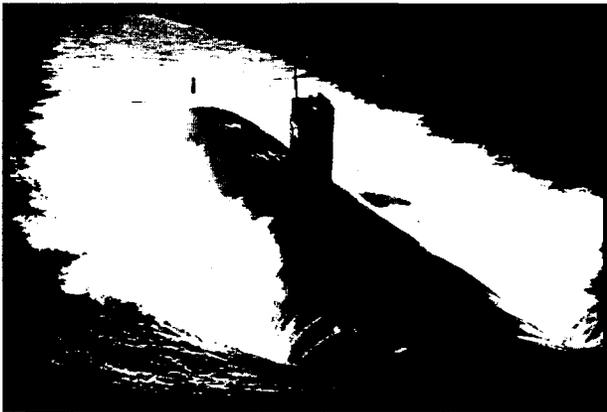
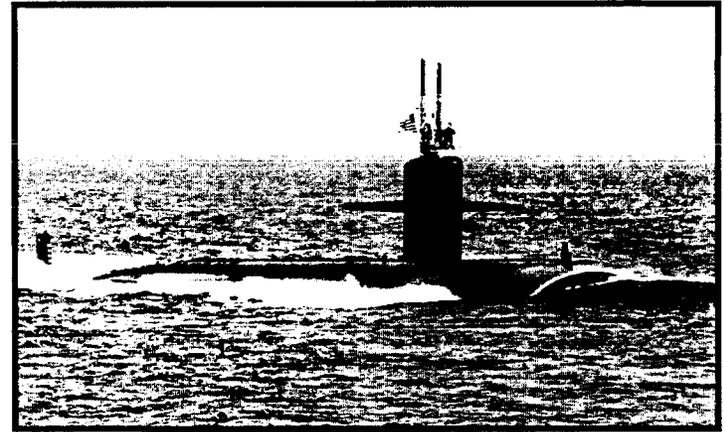
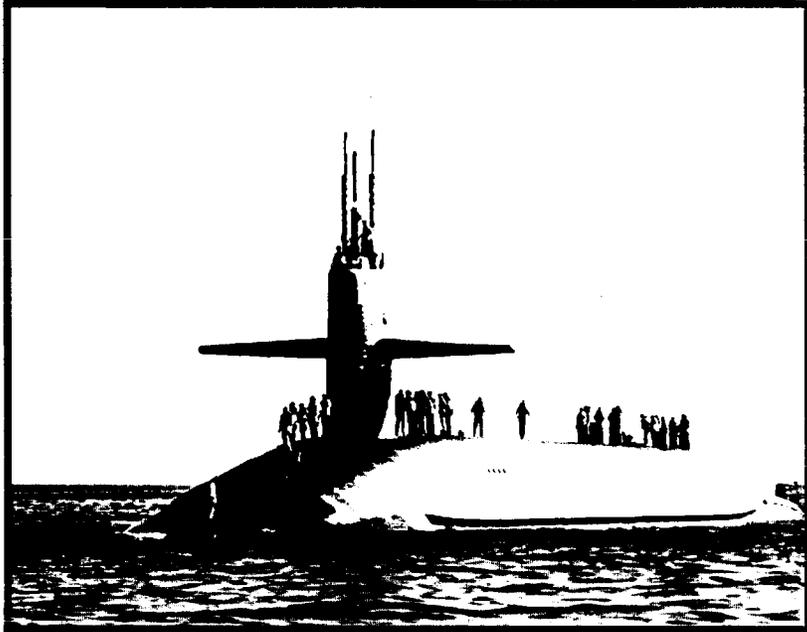
# Submarine Homeports and Support





# *Submarine Group TWO/TEN*

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# **COMSUBGRU TWO**

## ***Force Structure***

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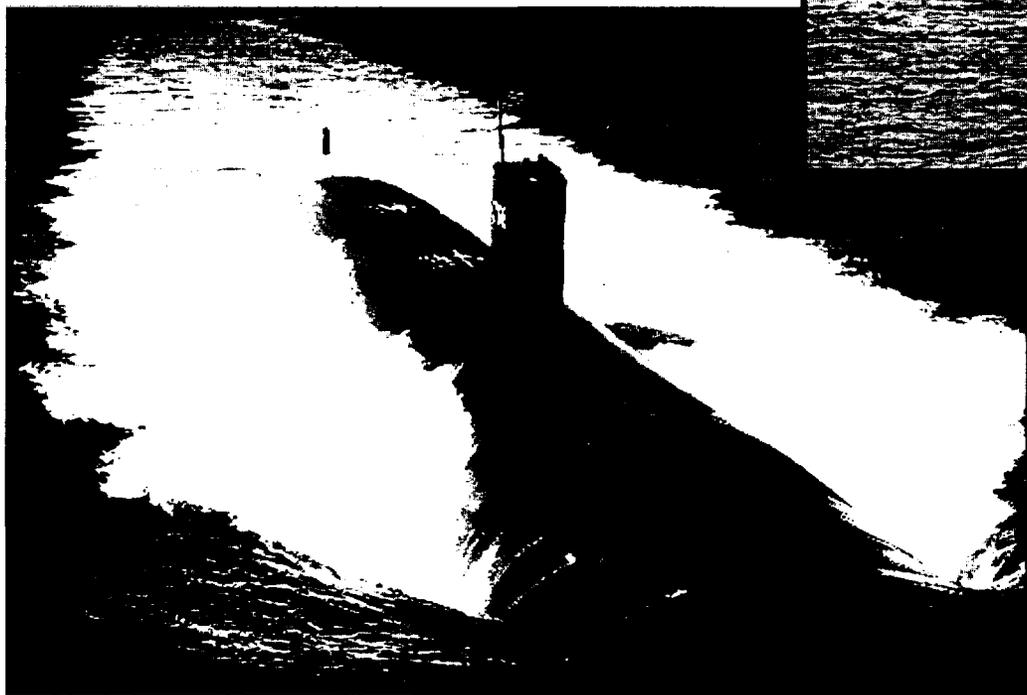
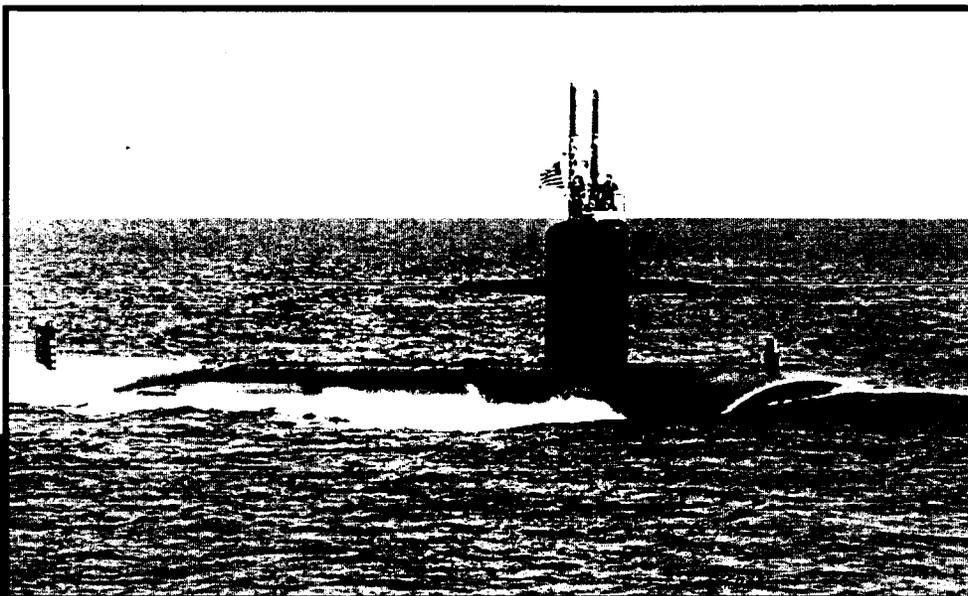
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- **29 SSNs/5 Submarine Squadrons**
  - **18 SSNs/3 Squadrons based in New London, CT**
  - **11 SSNs/2 Squadrons based in Norfolk, VA**
- **3 New Construction SSNs and 6 SSNs in Shipyard availabilities**
  - **Northrop Grumman Newport News (VA) – New Construction, shipyard availabilities**
  - **Electric Boat (CT) – New Construction, Shipyard availabilities**
  - **Norfolk Naval (VA) – Shipyard availabilities**
  - **Portsmouth Naval (NH) – Shipyard availabilities**
- **Nuclear Power Research Submarine NR1**
  - **Based in New London, CT**
  - **One of a kind vessel (Inactivation FY12)**
- **Support Infrastructure**
  - **2 Naval Submarine Support Centers - New London, CT and Norfolk, VA**
  - **Regional Support Group - New London, CT**
  - **Naval Submarine Torpedo Facility – Yorktown, VA**



# Los Angeles Class Submarines

- **First Flight**
- **Second Flight (VLS)**
- **Third Flight (688I)**



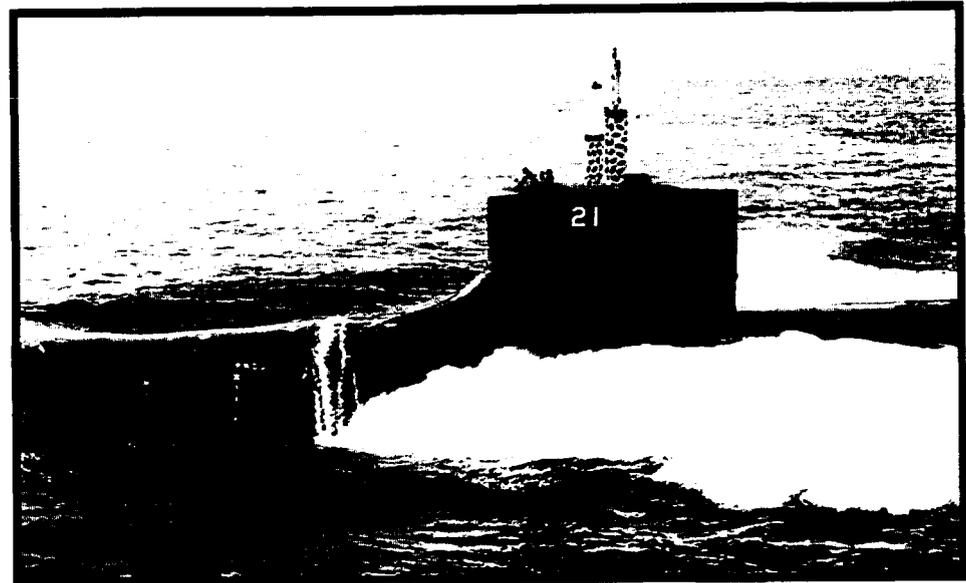
- **Length 363 feet**
- **Beam 33 feet**
- **Displacement 6,900 tons**
- **Manning 127 people**
- **4 Torpedo Tubes**
- **12 VLS Missile Tubes**



## ***Seawolf Class Submarines***

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- **Seawolf, Connecticut**
- **Jimmy Carter**  
(Multi-Mission Platform)
- **Length 353 (458) feet**
- **Beam 40 feet**
- **Displacement 9,150 tons (12,000)**
- **Manning 127 people (150)**
- **8 Torpedo Tubes**

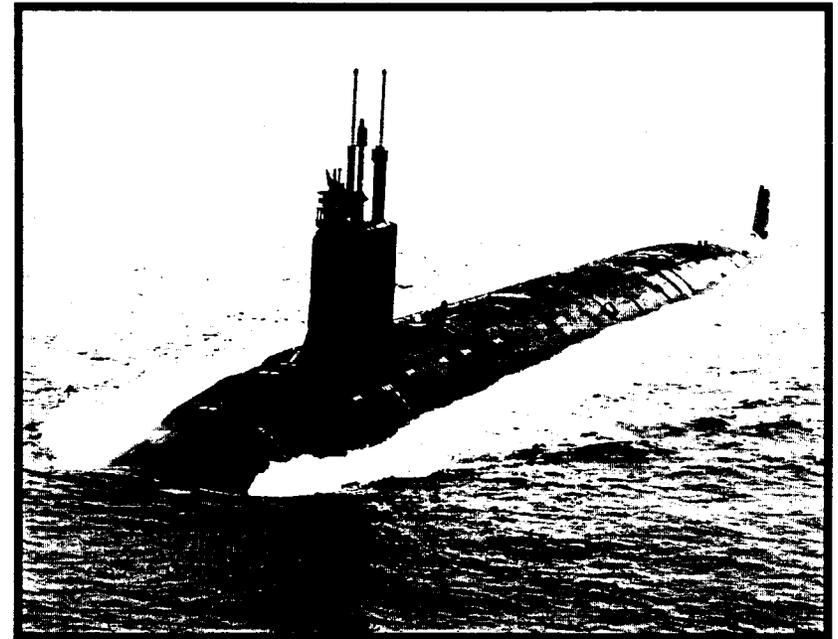




# Virginia Class Submarines

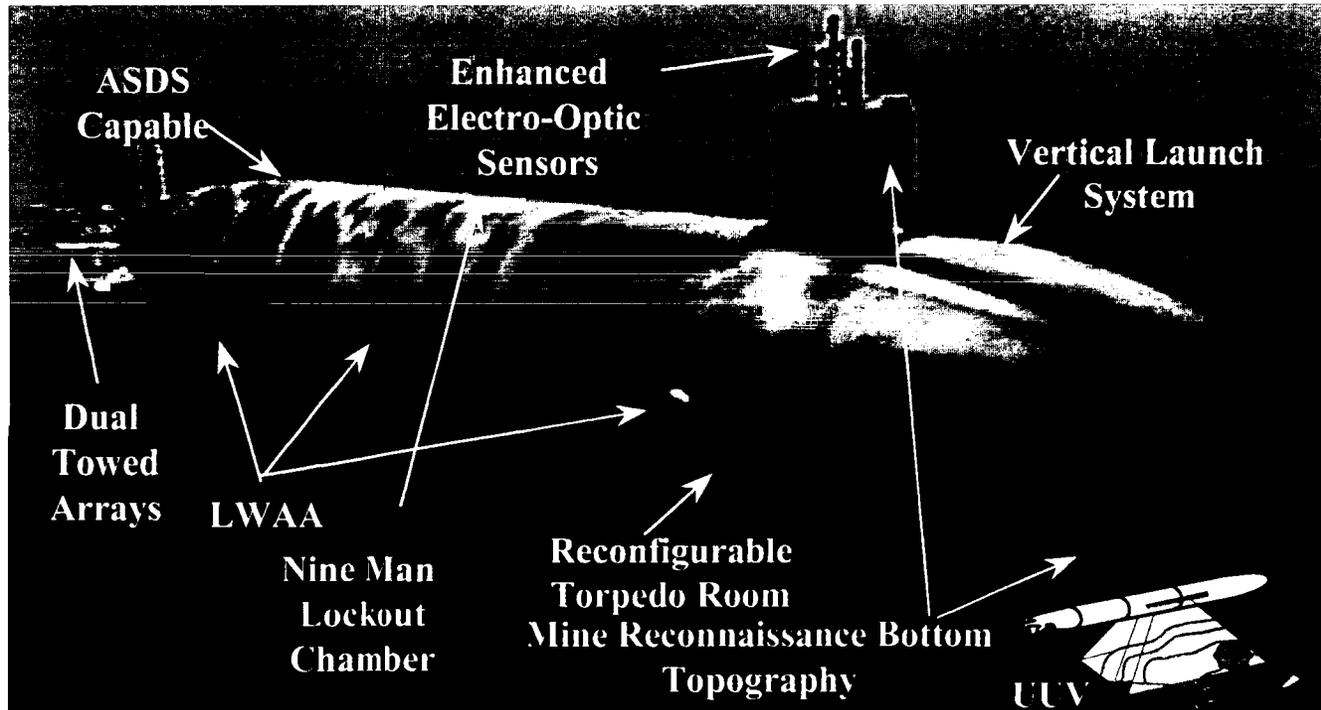
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- **1 Commissioned**
- **3 New Construction w/crews**
- **Length 377 feet**
- **Beam 34 feet**
- **Displacement 7,800 tons**
- **Manning 113 people**
- **4 Torpedo Tubes**
- **12 VLS Missile Tubes**





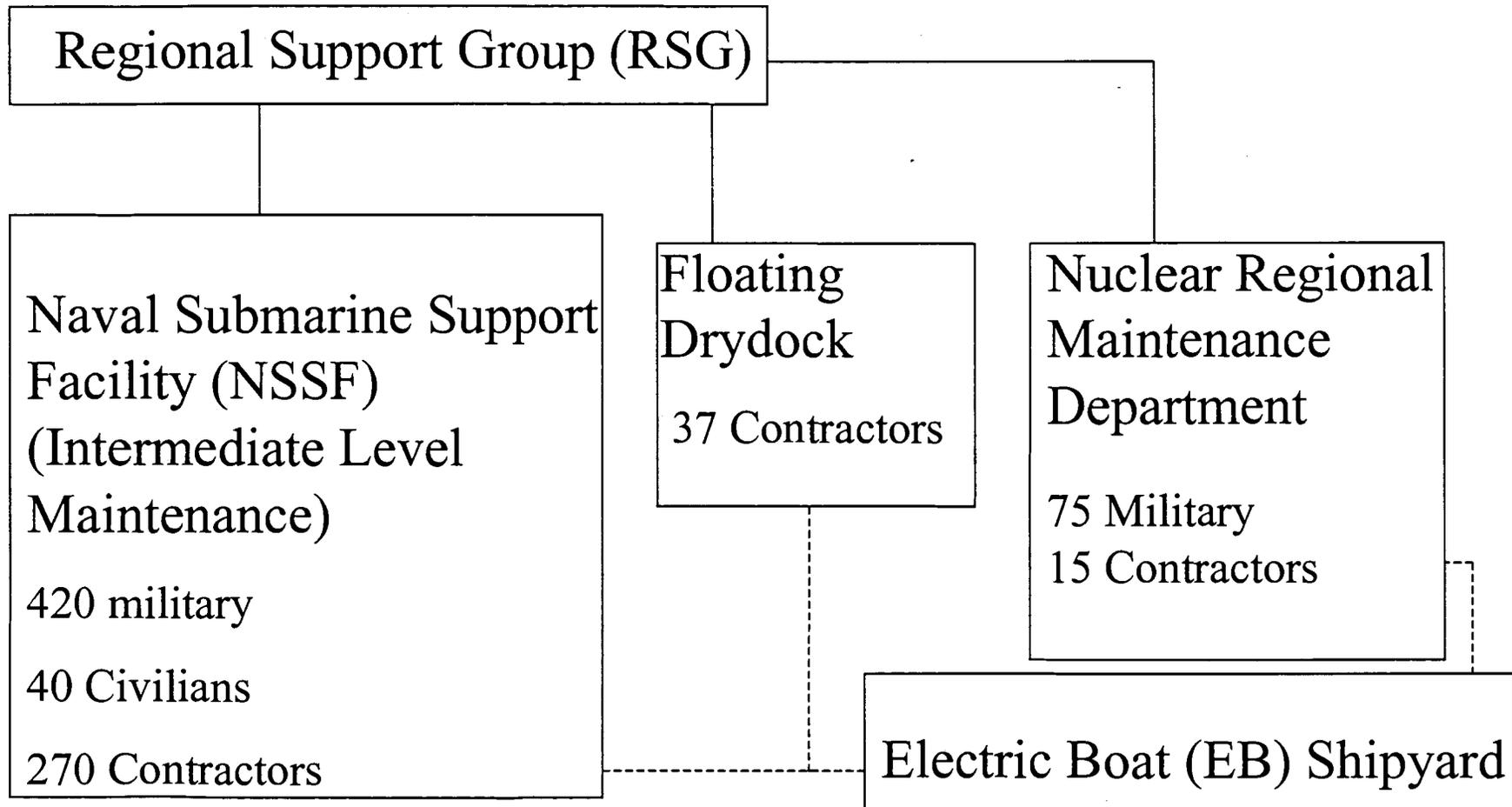
# Virginia Class Submarines



- Designed completely w/computers (1<sup>st</sup> post Cold War design)
- Configurable platform
- Sophisticated electronics
- Optimized for littoral operations
- First submarine w/SOF support included



# Submarine Base New London Waterfront Maintenance



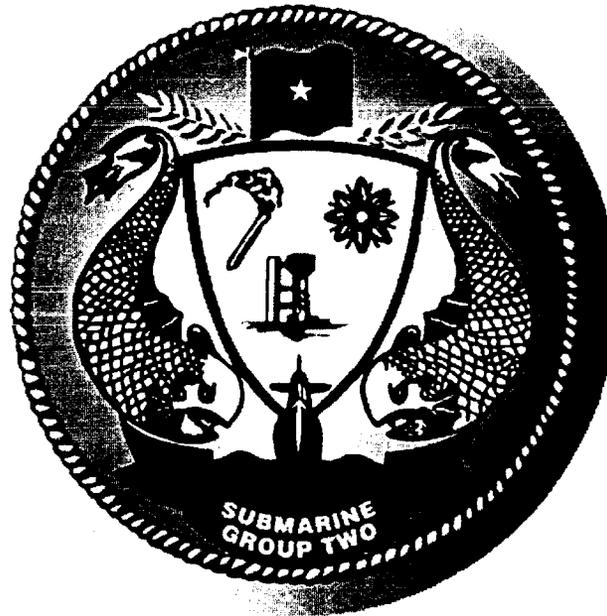


## ***BRAC Recommendations***

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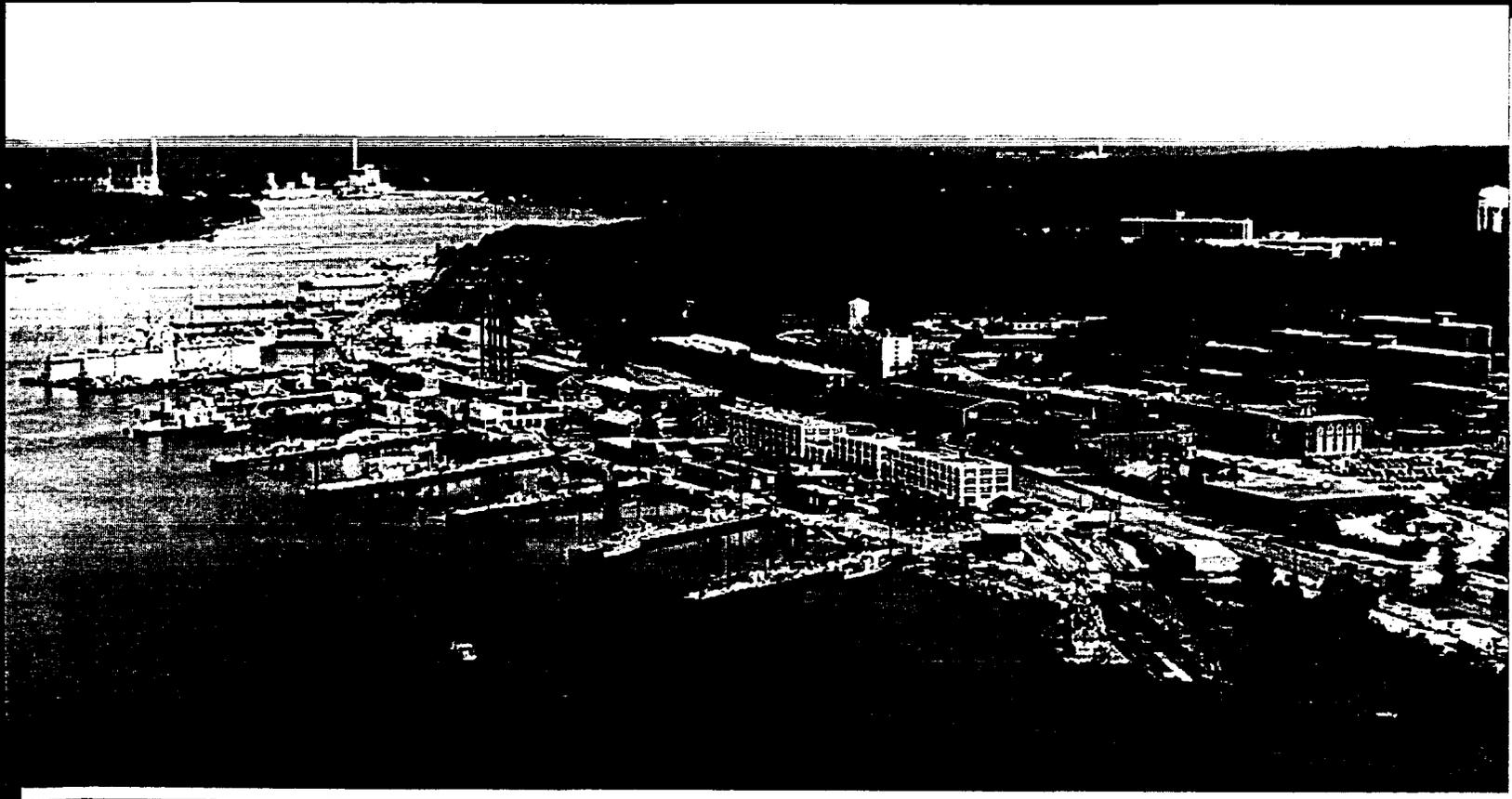
**New London Naval Submarine Base has been recommended for closure, for COMSUBGRU TWO specifically:**

- **Relocating all SSNs from SUBASE New London, CT, to SUBASE Kings Bay, GA and Naval Station Norfolk, VA**
- **COMSUBGRU TWO will relocate from SUBASE New London, CT to Naval Station Norfolk, VA**
- **Integrating the SSN intermediate repair function of NSSF New London, CT with Trident Repair Facility Kings Bay, GA, with Shore Intermediate Maintenance Facility Norfolk, VA and Naval Shipyard Norfolk, VA.**



**Questions?**

# Naval Submarine Base New London



# Submarine Base New London

Home of Team New London

- **Land and Facilities**

- 687 acres on base
- 530 acres of family housing
- 36 acres at Fife Park
- 160 buildings
- Approximately 2,000 family housing units
  - Plus Navy Lodge (75)
- 12 barracks with 1652 units
  - Plus Groton chalet (150)

- **Personnel**

- 7,541 military personnel
- Over 650 drilling reservists
- Approx. 12,000 family members
- Approx. 12,000 retirees
- 967 civilian employees
- 1000 contractors

# Major SUBASE Commands

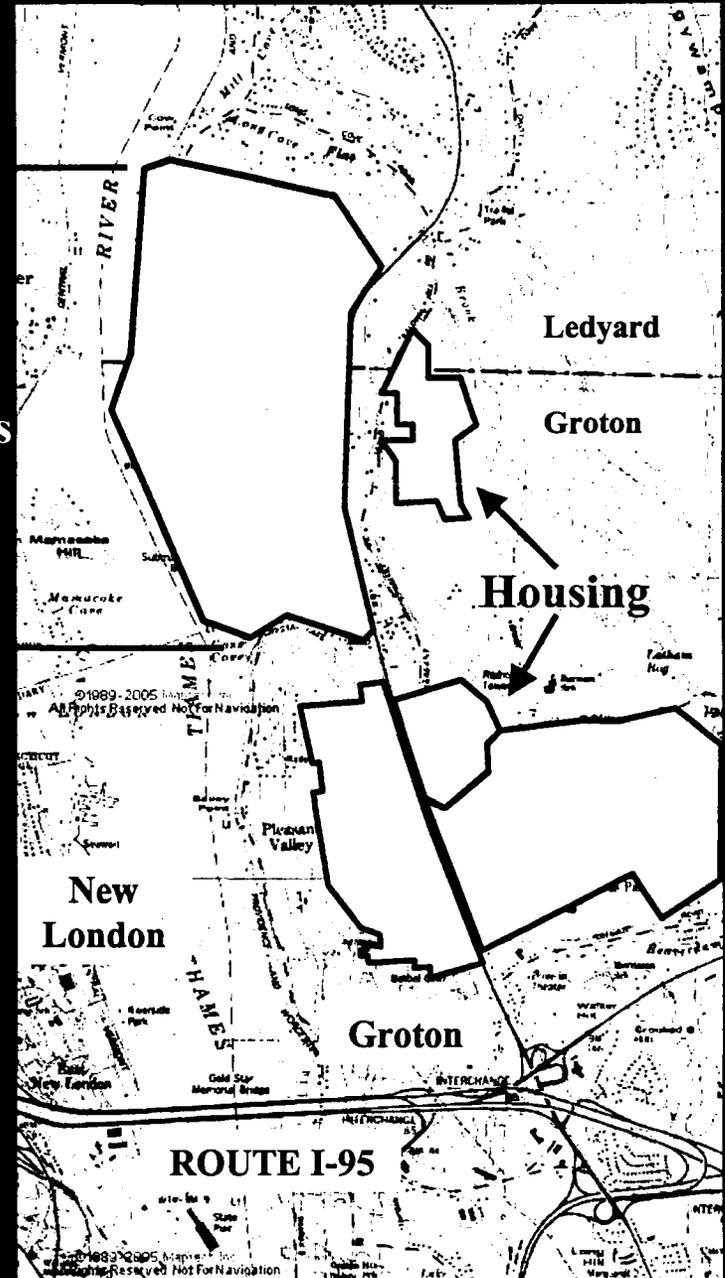
## *Population*

<u>Command</u>	<u>Military</u>	<u>Civilian</u>
SUBASE	887	611
CSG2	3,471	18
Repair Group	548	44
Naval Submarine School	2,239	37
NACC	256	119
NUMI	23	18
NSMRL	13	18
NSGA Groton	66	0
Navy Region Northeast	38	120
Total	7,541*	967

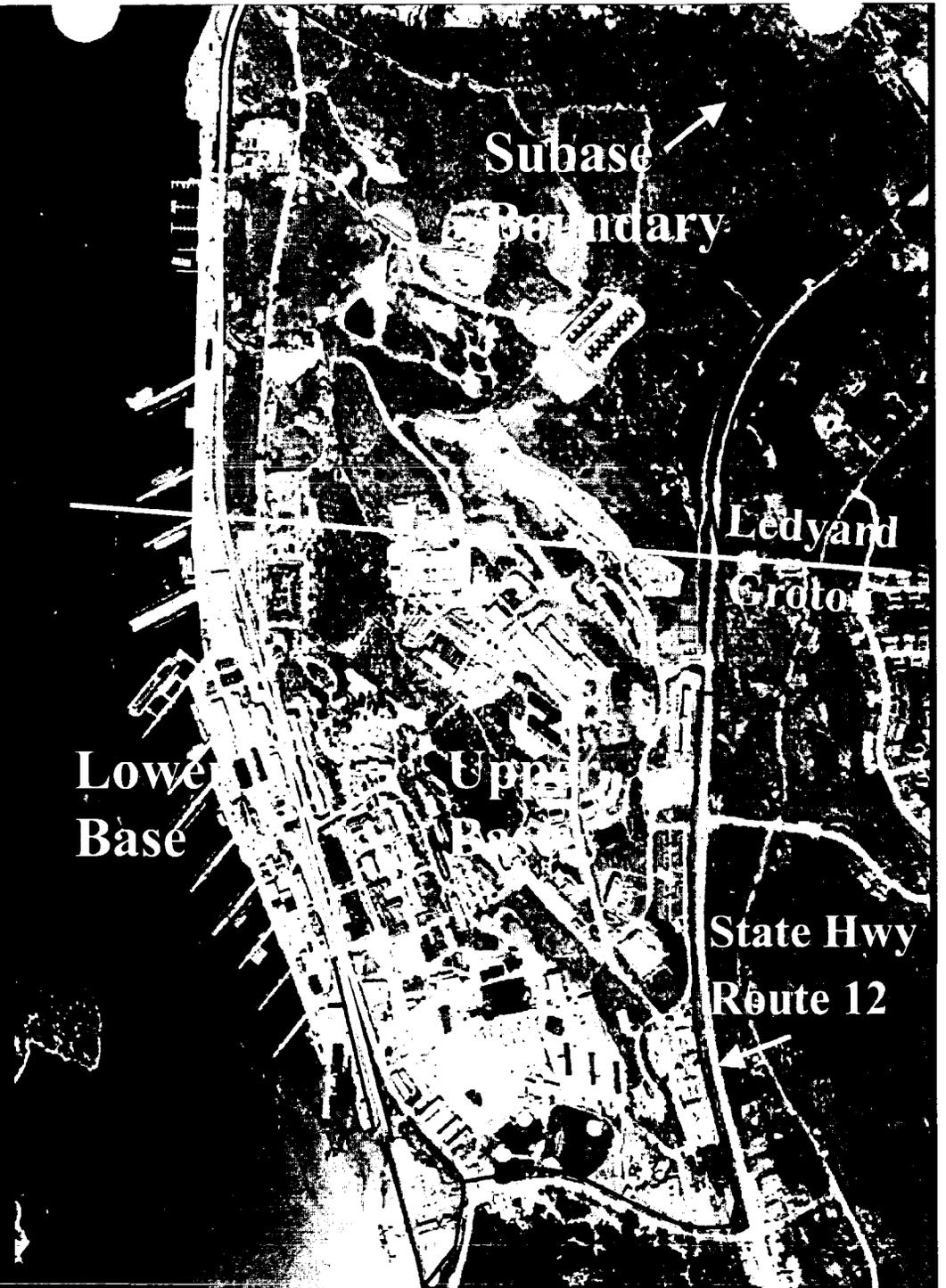
\*612 Sailors at Electric Boat Shipyard and Historic Ship Nautilus that would not leave the area.

# Naval Submarine Base New London and GMH Housing Community

Subbase  
1.5 Miles



# Property Boundaries of SUBBASE



# Major Investments Last 5 years

## Over \$120 Million



NACC

• 23 Million



IBU-22

• 1.5 Million



Security Gates  
1 & 7

• 7 Million



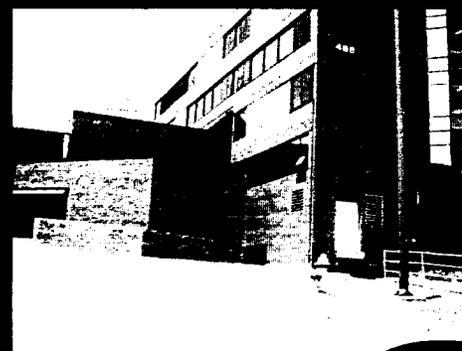
Naval Reserves

• 4 Million



Dental Clinic

• 6 Million



BEQ Renovations

• 27 Million

# Approved Projects On Hold

## \$54 Million

### Security Gates 3 & 5

- 5 Million

Ready to Advertise: Design/Build

### Tomahawk Missile Magazine

- 4 Million

Ready to Advertise: Design Complete

### Escape Trainer

- 17 Million

Design /Build Awarded: Design to be Complete August 2005

### Pier 6 Replacement

- 28 Million

Award Canceled April 2005: Must Renegotiate for Next Dredge Window

# Investments For Our Families



Housing / Family  
Service Center

- 52 Million



Navy Youth Center

- 3 Million



Child Development Center

- 3 Million

PPV Planned  
Investments Thru 2010

- 250 Million



**2005 Base Realignment and Closure  
Recommendations for  
Naval Submarine Base New London, CT**

# Commander Submarine Group Two

## Group II

- Port Services
- Naval Submarine Support Center
- Barracks



# Naval Submarine Support Facility

Facilities



Barracks



# Naval Submarine School

Facilities



Barracks



Other



# CNRNE, NSGA, NSMRL, NUMI, NHCNE

CNRNE COMMANDER NAVY REGION  
NORTHEAST

NSGA NAVAL SECURITY GROUP  
ACTIVITY

NSMRL NAVY SUBMARINE MEDICAL  
RESEARCH LAB

NUMI NAVAL UNDERSEA MEDICAL  
INSTITUTE

NHCNE NAVAL HEALTH CARE NEW  
ENGLAND

IBU-22 INSHORE BOAT UNIT

NAVAL RESERVES

NAUTILUS

NAVAL  
RESERVES

NAUTILUS



# Subbase Operating Support Facilities

- Supply
- Exchange
- MWR
- Housing





# **Submarine Learning Center and Naval Submarine School**

## **Overview for BRAC Commission**

**July 2005**



# SLC Training Chain of Command

**Naval Education and Training Command**  
Pensacola, FL (Echelon II)

**Naval Personnel Development Command**  
Norfolk, VA (Echelon III)

**Submarine Learning Center**



*Commander,  
Submarine  
Force  
Norfolk, VA*



**NAVSUBSCOL**

Submarine Learning Center



# **Submarine Learning Center**

## **Mission/Functions**

- **Mission-** Plan, resource and execute Submarine FORCE shore training at all Submarine homeports
- **Functions-** Responsible for all curriculum, Instructors, training equipment and school operations

# **Naval Submarine School**

## **Mission/Functions**

- **Mission-** Conduct all non-nuclear individual skills training for the Submarine FORCE and fleet training for Groton and Portsmouth Submarines
- **Functions-** Teach all Enlisted and Officer entry, journeyman, and advanced courses. Support all crew deployment cycle training requirements



# Submarine Learning Center



- 1 building
  - Staff 73
  - Echelon IV
  - Reporting Commands 6
- Submarine Learning Center



# NAVAL SUBMARINE SCHOOL

**Buildings: 11**

**Barracks: 2**

**Trainers: 100**

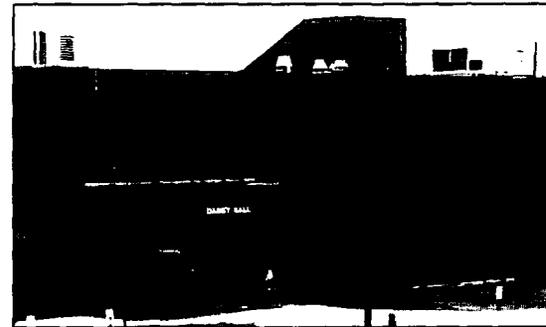
**Staff: 570**

**Students Onboard: 2000**

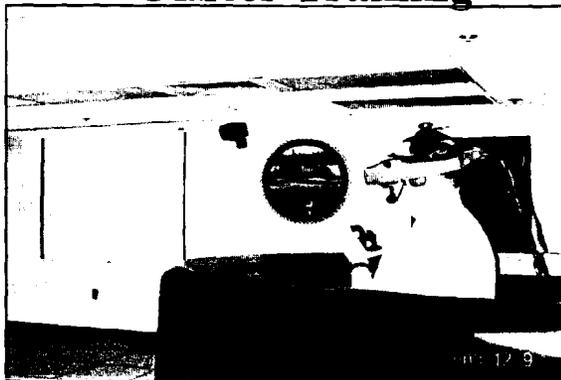
**Yearly Thru put: 30,000**

**Courses: 250**

**Crews supported: 23**



**Officer Training**



**Initial and Advanced Enlisted Pipeline Training**



**Submarine Learning Center**

**Submarine Crew Training**





# **BRAC Recommended Actions**

## **(Submarine Learning Center and Naval Submarine School)**

- **Relocate Learning Center to Kings Bay**
- **Relocate Submarine School to Kings Bay**
  - **Additionally:**
    - **Kings Bay: Support one SSN Squadron**
    - **Norfolk: Support two additional SSN Squadrons**

# **NAVY REGION NORTHEAST**



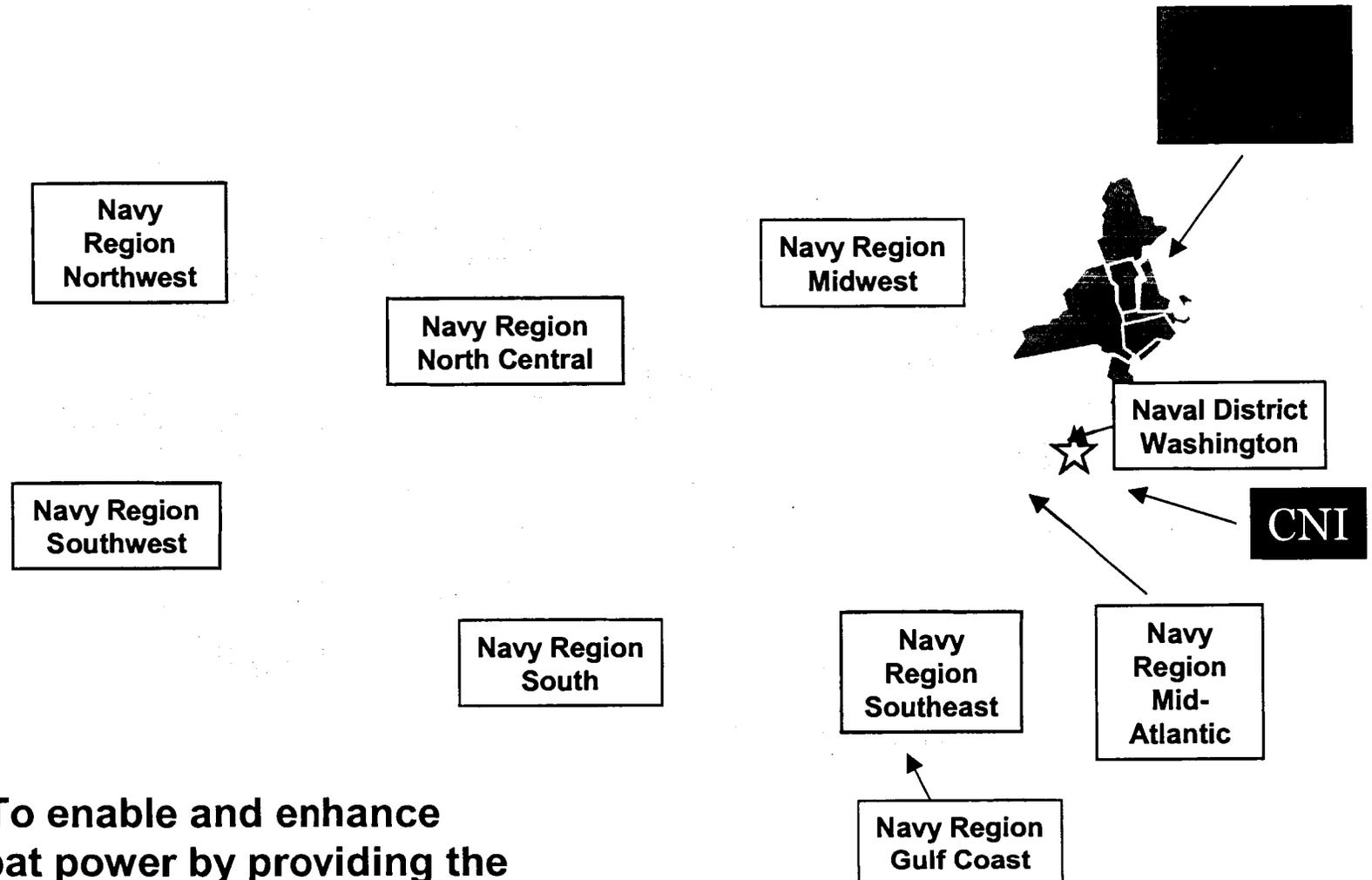
**Presentation To:  
BRAC Commissioner**

**Presented By:  
RDML Robin M. Watters  
Deputy Commander  
27 July 2005**



# COMMANDER NAVY INSTALLATIONS

## Current CONUS Region Laydown



**MISSION:** To enable and enhance Navy combat power by providing the most effective and efficient and cost-wise shore services and support.



# CNRNE INSTALLATIONS

## Commander, Navy Region NE

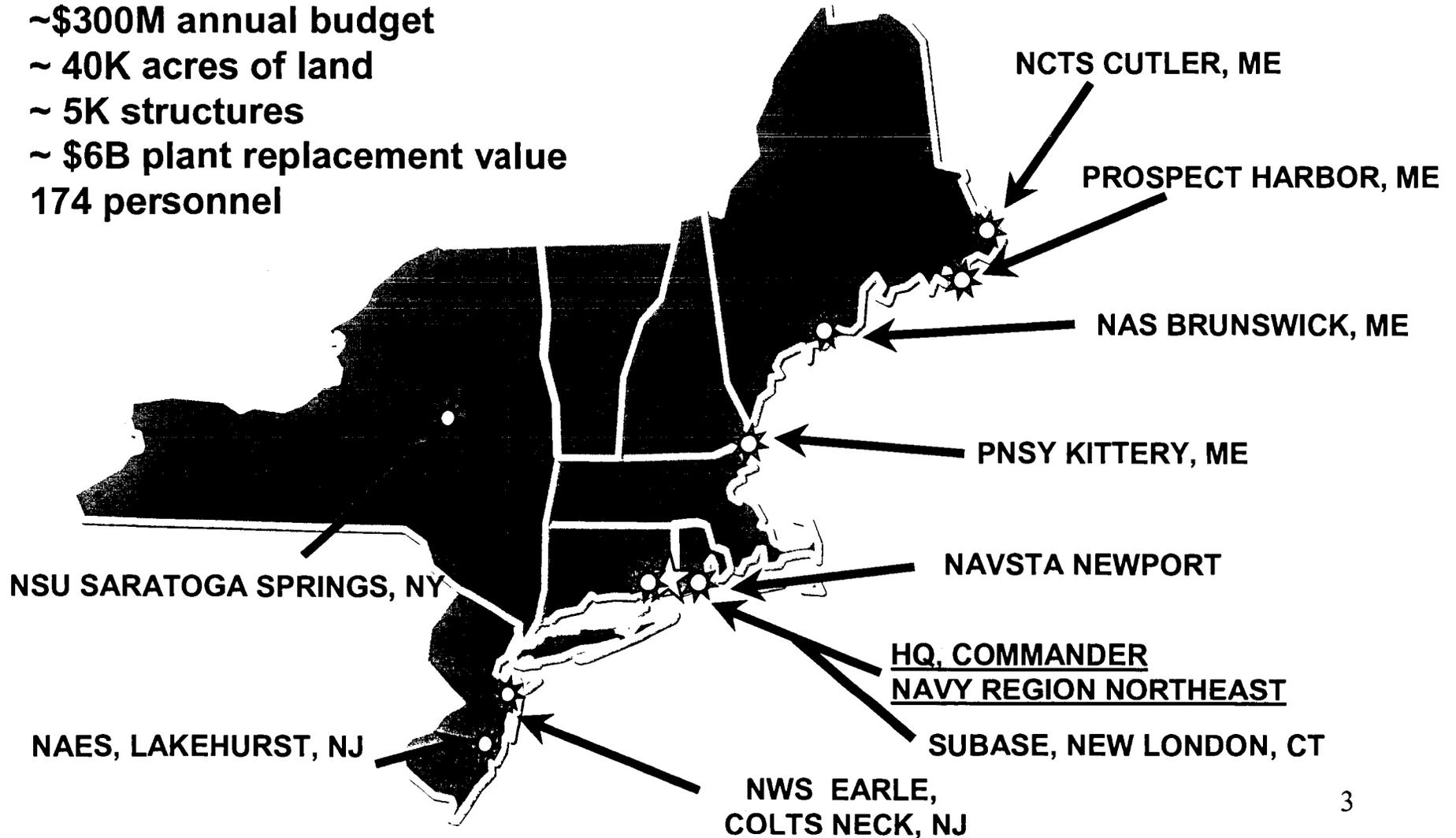
~\$300M annual budget

~ 40K acres of land

~ 5K structures

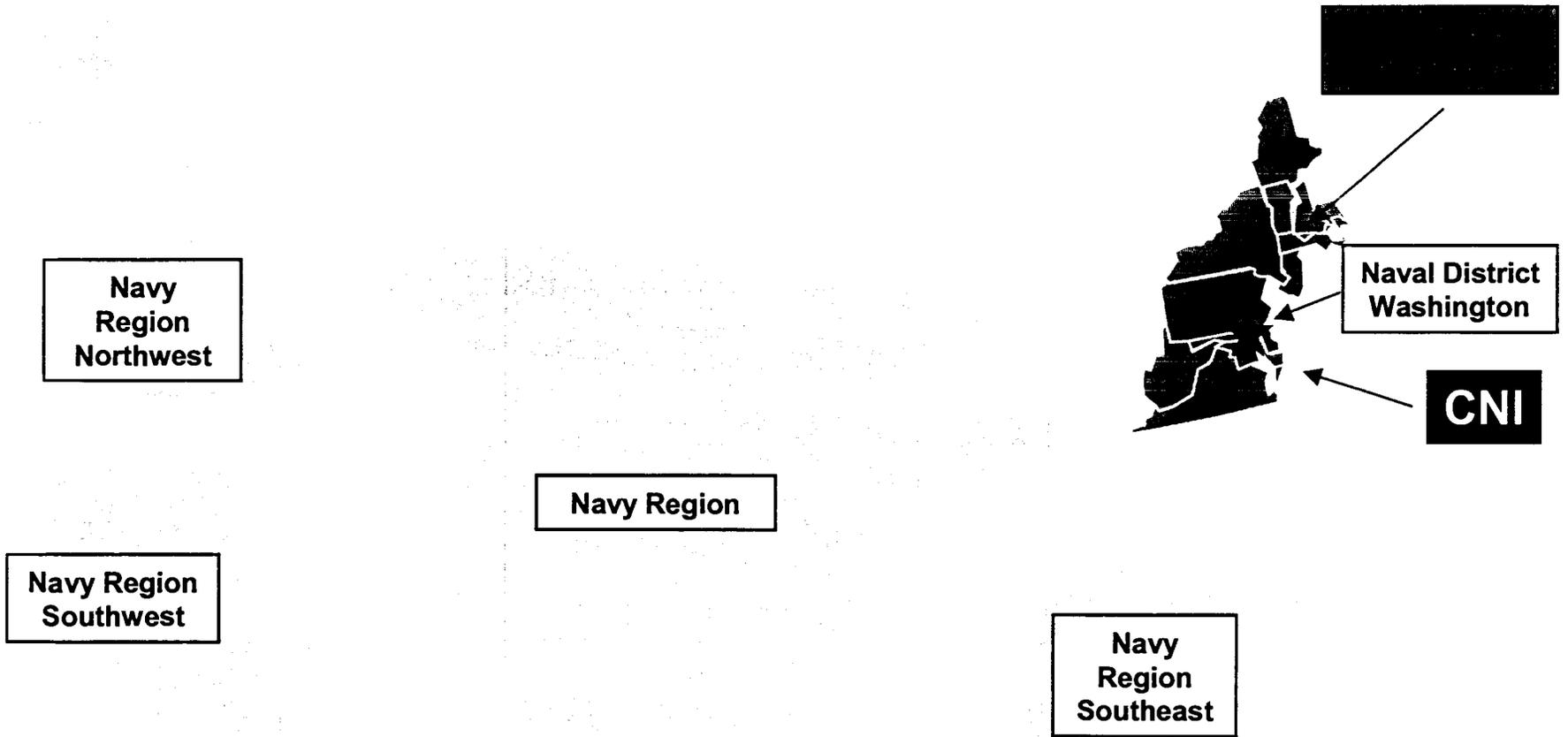
~ \$6B plant replacement value

174 personnel





# COMMANDER NAVY INSTALLATIONS DOD BRAC Recommended Region Laydown





# NAVY REGION NORTHEAST OVERVIEW

## BRAC DOD RECOMMENDED ACTIONS

### Cumulative Impact

**Merge Northeast into Mid-Atlantic Region**  
**Close 2 Installations**  
**Realign 4 Installations**

	<u>Gains</u>	<u>Losses</u>
Naval Air Station, Brunswick	None	2420
Portsmouth Naval Shipyard, Kittery	None	4510
Naval Station, Newport	956	423
Naval Submarine Base, New London	None	8460
Naval Weapons Station Earle, Colts Neck	2	63
Naval Air Engineering Station	None	186



**QUESTIONS?**