

Naval Station

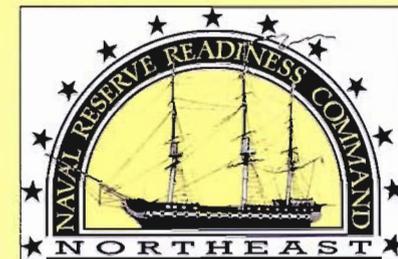
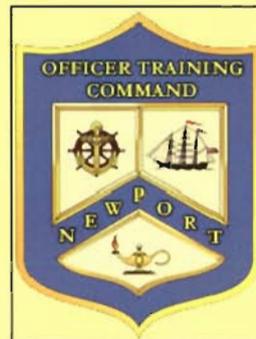


Newport



Overviews

- Naval Station Newport
- Navy Warfare Development Command (NWDC)
- Navy Reserve Readiness Command Northeast
- Officer Training Command Newport (OTCN)
- Naval Undersea Warfare Center (NUWC)





Naval Station Newport

Itinerary

Monday, 27 June

- | | |
|-------------|---|
| 0800 - 0900 | NAVSTA Newport facilities overview (Bldg. 690) |
| 0900 | Command Orientation (Bldg. 690) |
| 1000 | NAVSTA Newport facilities overview (cont.) |
| 1130 -1300 | Lunch |
| 1300 | Navy Warfare Development Command tour (Sims Hall) |
| 1400 | Officer Training Command tour (Officer Country) |

Tuesday, 28 June

- | | |
|-------------|-------------------------------------|
| 0800 - 1030 | Naval Undersea Warfare Center tour |
| 1030 - 1130 | NAVSTA Newport outbrief (Bldg. 690) |



Naval Station Newport

Mission

- To maintain and operate facilities, and provide services and materials to support operations for tenant commands, tenant activities, supported activities, visiting fleet units and other tasks as may be directed by higher authority.





Naval Station Newport

Statistics

- Property
 - 1,503 acres
 - \$1.5 billion in property value
 - 1,028 buildings
- Personnel
 - Total payroll - \$532 million
 - 7,500 employees
 - Second largest employer in the state
 - More than 40 tenant commands and activities
 - 19,000 students annually





Naval Station Newport

MCON Program *

FY09	P- 075	Sub Payloads/Integration Lab	\$15.6 M
FY09	P- 081	Intrusion Detection Lab	\$5.2 M
FY09	P- 339	Construct Vehicle Bridge	\$10.6 M
FY09	P- 451	Construct STA-21 BQ	\$27.2 M
FY10	P- 347	Consolidated Fitness Center	\$22.1 M
FY10	P- 468	Water System Improvements	\$7.7 M
FY11	P- 370	Training Pool/Tank Replacement	\$5.0 M
FY11	P- 450	CBQ Replacement	\$21.4 M
FY11	P- 455	Alter Naval Justice School	\$3.4 M
FY11	P- 462	Pier 2 Security Improvements	\$2.4 M
FY11	P- 466	Consolidate Admin Facilities	\$14.3 M

* Source: 2006 President's Budget, as provided by CNI



Naval Station Newport

Proposed BRAC Actions

- Gains:
 - OTC Pensacola (OCS, DCO & LDO/CWO)
 - Navy Supply Corps School & Center for Service Support
 - Sub-surface Maritime Sensors, Electronic Warfare & Electronics RDAT&E to NUWC
 - Consolidate three RI Army Reserve Centers into one at Newport
- Losses:
 - Navy Warfare Development Command
 - Naval Chaplains School
 - REDCOM NE
 - Maritime Information Systems RDAT&E (NUWC)
- Net: Gain of 533 Navy personnel

Navy Warfare Development Command





Navy Warfare Development Command

Mission

- Focus/Champion Navy warfare innovation, operating concepts and Concept of Operations (CONOPS) development in a Naval Joint and Coalition environment
- Coordinate planning/implementation of SEA TRIAL experimentation process
- Manage development, approval, rapid dissemination of Naval, Joint and Allied doctrine
- Manage Navy Lessons Learned Program
- Support Multi-Battle Group Inport Exercises (MBGIEs) and concept validation with world class modeling and simulation





Navy Warfare Development Command

BRAC Manpower Input

● Data Input to CFFC:	FY08	FY09	Total
– Officer XFER	6	42	48
– Enl XFER	4	1	5
– CIV XFER**	3	55	58
– Cont Impact	5	84	89
– Mission Equip (Tons)		29	29
– Support Equip (Tons)		1½	1½
– Contract Term Costs		\$2.1M	\$2.1M
– Mission Savings (TRVL)		\$95K	\$95K

*Note: Civ & Mil, equip relocation costs computed by BRAC COBRA algorithms



Navy Warfare Development Command

Additional BRAC Information

- Fiscal Year FY08 FY09 FY10 FY11
- Travel Savings \$15 \$95 \$100 \$105
- Cost to Realign 29 Contractors (in-house M&S and Doctrine Tech Pubs) in FY09 = \$500K
- Facility Shutdown (Sims Hall) = 91K Sq Ft
- Affected Mission Support Contractors: FY08 (5) FY09 (84)
- Other NWDC requirements in Norfolk, Va:
 - Building with Open Storage Secret areas in each Department
 - Modeling & Simulation Lab: (12K Sq Ft), M&S Storage (2.6K Sq Ft)
 - SCIF - up to TS & SAP: (4.4K Sq FT)
 - At minimum, building must meet 1A Pub-5239-22 Requirements and Restricted Access Area (RAA) Standards

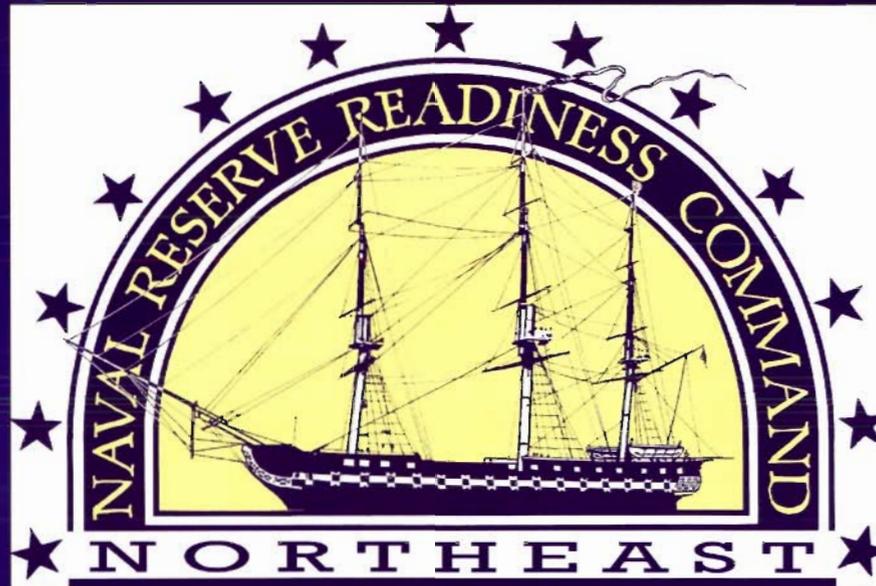


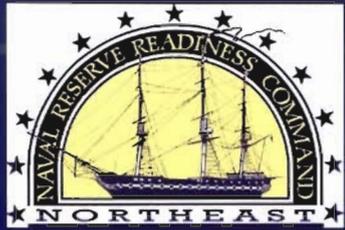
Navy Warfare Development Command

Additional BRAC Information

- Summary of overall building requirements:
 - 263 personnel X 150 sq ft/person = 39,450 sq ft* (used CFFC algorithm of 150 sq ft office space per person)
 - M&S Lab capability = 12,000 sq ft
 - M&S equip storage/repair = 2,600 sq ft
 - SCIF = 4,400 sq ft (includes storage of TS to SAP information)
 - Secure Conference and VTC Rooms (up to Secret) = 3,300 sq ft
 - Maritime Battle Center Lab = 1,200 sq ft
 - Tech Pubs & Media Storage = 2,000 sq ft
 - Temp Storage/Receiving = 1,000 sq ft
 - Multi-Use Auditorium = 5,300 sq ft
 - Flag Spaces/Mess = 1,100 sq ft
 - Security Office = 200 sq ft
- Total Minimum Mission Sq Ft = 72,550

Navy Reserve Readiness Command Northeast





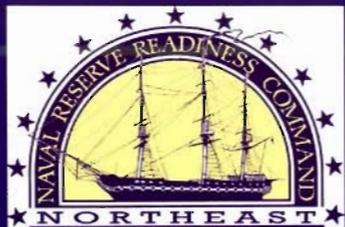
Navy Reserve Readiness Command Northeast

Navy Reserve Mission

- The mission of the Navy Reserve is to provide mission-capable units and individuals to the Navy/ Marine Corps team throughout the full range of operations from peace to war.

(US Code Title 10, section 262)

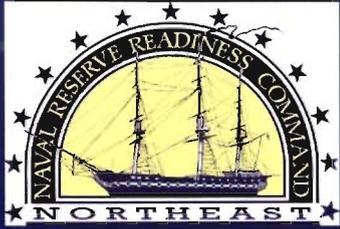




Navy Reserve Readiness Command Northeast

Reserve Centers



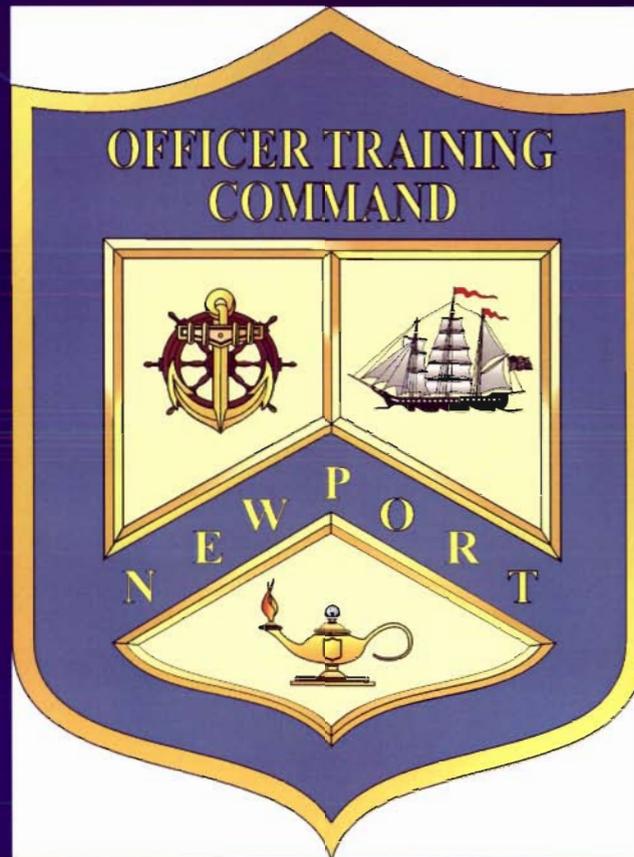


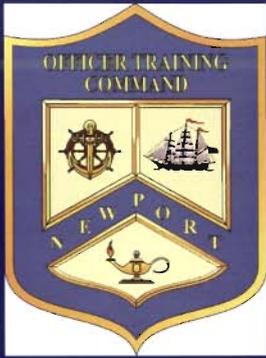
Navy Reserve Readiness Command Northeast

Functions of Naval Reserve Readiness Command

- Oversight of 19 Reserve Centers supporting 6500 Drilling Reservists
- Operational Support to Active Component
- Mobilization Readiness
- Medical/Dental Readiness
- Billet/Personnel Assignment management for Drilling Reservists
- NROWS RPN funding distribution - \$25 million
- O&MNR Funds distribution - \$3 million
- Training budget – CAT/CME
- Facilities management

Officer Training Command Newport





Officer Training Command Newport

Mission

- Officer Training Command Newport prepares Sailors and Marines through enduring professional and personal development to lead as officers in the fleet.

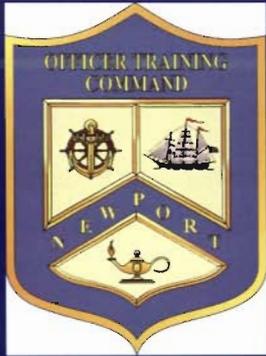




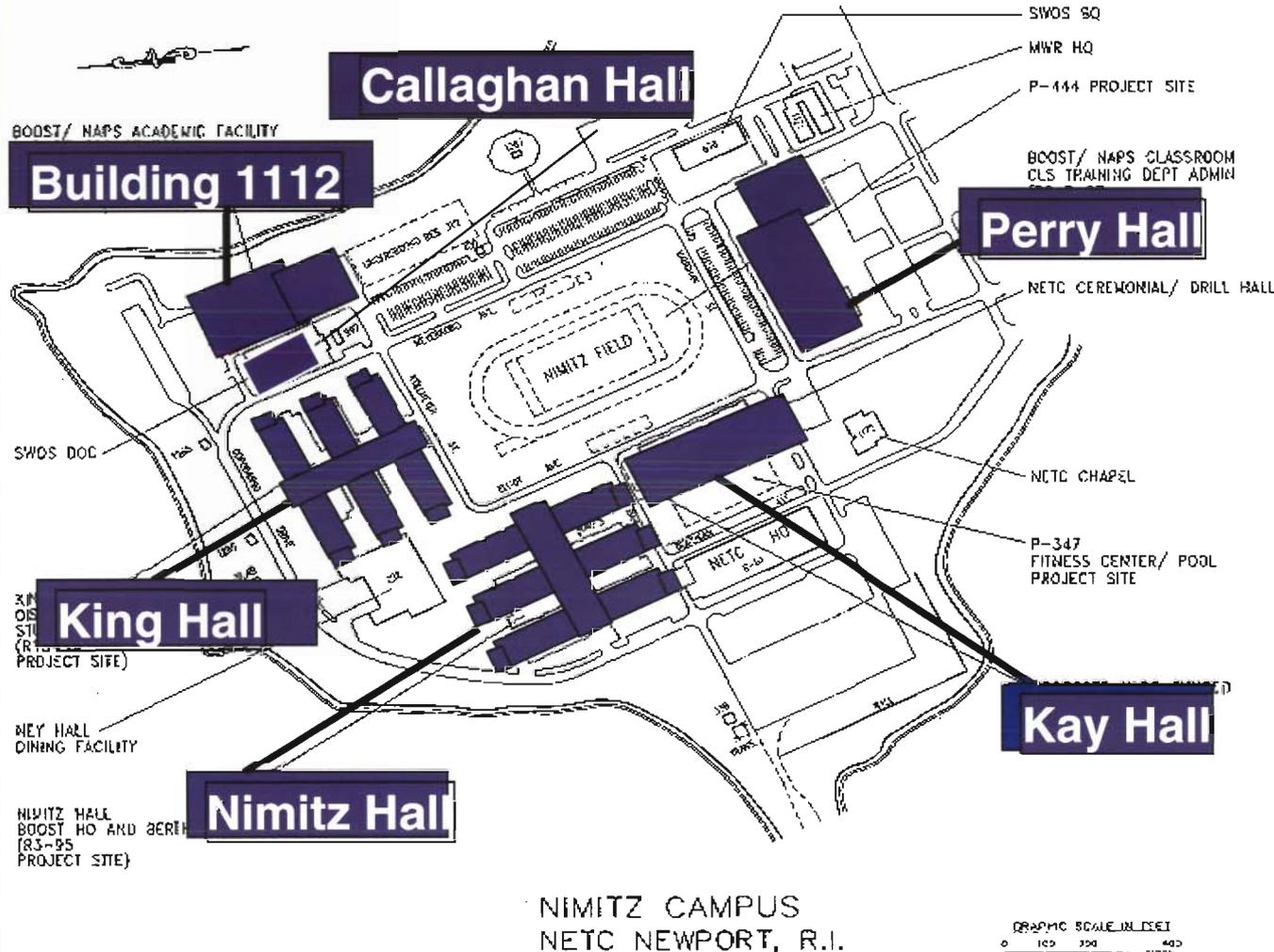
Officer Training Command Newport

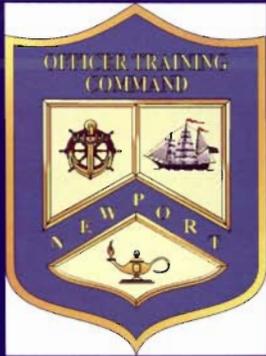
Current Overview

- Seaman To Admiral-21 (STA-21)
 - Navy BOOST
 - USMC BOOST
 - Naval Science Institute
- Officer Indoctrination School (OIS)
- Naval Chaplains School
- Damage Control
 - Firefighting School
 - Buttercup
 - Pool



Officer Training Command Newport Main Campus





Officer Training Command Newport

OTC Pensacola Relocations

- OTC Pensacola
 - Officer Candidate School (OCS)
 - Limited Duty Officer/Chief Warrant Officer (LDO/CWO) School
 - Direct Commissioned Officer Indoctrination School (DCO)
- Scenario DON-0085
 - Officer transfer +28
 - Enlisted transfer +28
 - Civilian transfer +3
 - Student transfer +207
 - Mission equipment (Tons) 50
 - Support equipment (Tons) 100

Naval Undersea Warfare Center Division Newport





Naval Undersea Warfare Center Division Newport

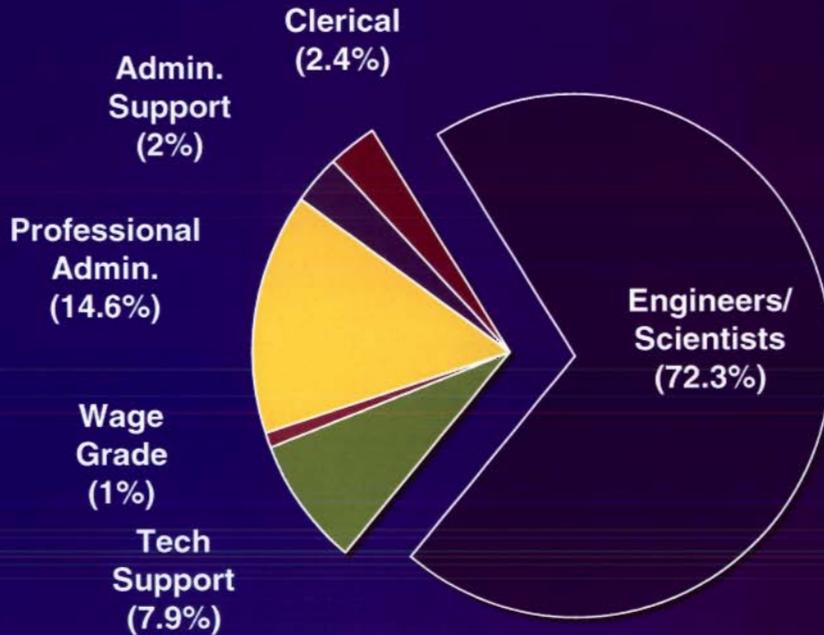
Mission

- Operate the Navy's full spectrum research, development, test and evaluation, engineering, and Fleet support center for submarines, autonomous underwater systems, and offensive and defensive weapon systems associated with USW.





Naval Undersea Warfare Center Division Newport



FY04	
Civilian	2760
Military	31

- 70 Buildings
- 190 Acres
- \$366M Asset Value



**72% of our workforce are Engineers and Scientists
Advanced Degrees - 159 PhD's (8%) and 735 Master's (37%)**



Naval Undersea Warfare Center Division Newport

BRAC Effects

SCENARIO	GOV'T CIVILIANS LOST	GOV'T CIVILIANS GAINED
COMMUNICATIONS ANTENNAS AND RADIO ROOMS TO SPAWAR SYSTEMS CENTER, SAN DIEGO	150	
SUBSURFACE SENSORS TO NUWC DIVISION NEWPORT		169



**BRAC 2005 DISCUSSION POINTS
NUWC DIVISION NEWPORT RI**

27 JUNE 2005

SOURCE DATA

- NUWC DIVISION NEWPORT CERTIFIED DATA RESPONSES TO CAPACITY AND MILITARY VALUE DATA CALLS**
- NUWC DIVISION NEWPORT CERTIFIED DATA RESPONSES TO DON SCENARIOS TECH 0008F AND TECH 0008I (SUBSEQUENTLY COMBINED BY TECHNICAL JCSG INTO TECH 0042AR)**
- DEFENSELINK BRAC SITE FILES INCLUDING:**
 - DoD RECOMMENDATION REPORTS**
 - JCSG REPORTS**
 - SERVICE REPORTS**
 - COBRA DATA**
 - DON AND JCSG MEETING MINUTES, WORKSHEETS, CORRESPONDENCE**

CONSOLIDATE MARITIME INFORMATION SYSTEMS RESEARCH, DEVELOPMENT & ACQUISITION, TEST & EVALUATION

Realign Naval Base Ventura County, CA, Naval Surface Warfare Center Division, Dahlgren, VA, and Naval Station Newport, RI, by relocating Maritime Information Systems Research, Development & Acquisition, and Test & Evaluation to Naval Submarine Base Point Loma, San Diego, CA, and consolidating with the Space Warfare Center to create the new Space Warfare Systems Command Pacific, Naval Submarine Base Point Loma, San Diego, CA.

Reference: DEPARTMENT OF DEFENSE BASE CLOSURE AND REALIGNMENT REPORT VOLUME I PART 2 MAY 2005

27 JUNE 2005

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CONSOLIDATE SUBSURFACE MARITIME SENSORS, ELECTRONIC WARFARE AND ELECTRONICS RESEARCH, DEVELOPMENT & ACQUISITION, TEST & EVALUATION

Realign Naval Weapons Station Charleston, SC, as follows: relocate Surface Maritime Sensors, Electronic Warfare, and Electronics Research, Development & Acquisition, and Test & Evaluation of the Space Warfare Center to Naval Surface Warfare Center Division, Dahlgren, VA; relocate Subsurface Maritime Sensors, Electronic Warfare, and Electronics Research, Development & Acquisition, and Test & Evaluation of the Space Warfare Center to Naval Station Newport, RI; and relocate the Command Structure of the Space Warfare Center to Naval Amphibious Base, Little Creek, VA, and consolidate it with billets from Space Warfare Systems Command San Diego to create the Space Warfare Systems Command Atlantic, Naval Amphibious Base, Little Creek, VA. The remaining Maritime Information Systems Research, Development & Acquisition, and Test & Evaluation functions at Naval Weapons Station Charleston, SC, are assigned to Space Warfare Systems Command Atlantic, Naval Amphibious Base, Little Creek, VA.

Reference: DEPARTMENT OF DEFENSE BASE CLOSURE AND REALIGNMENT REPORT VOLUME I PART 2 MAY 2005

CONSOLIDATE SUBSURFACE MARITIME SENSORS, ELECTRONIC WARFARE AND ELECTRONICS RESEARCH, DEVELOPMENT & ACQUISITION, TEST & EVALUATION

Realign Naval Air Station Patuxent River, MD, by relocating Subsurface Maritime Sensors, Electronic Warfare, and Electronics Research, Development & Acquisition, and Test & Evaluation of the Naval Air Warfare Center, Aircraft Division to Naval Station Newport, RI.

Realign Naval Submarine Base Point Loma, San Diego, CA, as follows: relocate Surface Maritime Sensors, Electronic Warfare, and Electronics Research, Development & Acquisition, and Test & Evaluation of the Space Warfare Center to Naval Surface Warfare Center Division, Dahlgren, VA; relocate Subsurface Maritime Sensors, Electronic Warfare, and Electronics Research, Development & Acquisition, and Test & Evaluation of the Space Warfare Center to Naval Station Newport, RI; disestablish Space Warfare Systems Center Norfolk, VA, detachment San Diego, CA, and assign functions to the new Space Warfare Systems Command Pacific, Naval Submarine Base Point Loma, San Diego, CA; disestablish Naval Center for

Reference: DEPARTMENT OF DEFENSE BASE CLOSURE AND REALIGNMENT REPORT VOLUME I PARTS MAY 2005

GOVERNMENT CIVILIAN REALIGNMENT

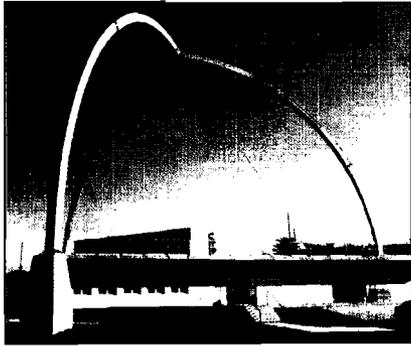
SCENARIO	CIVILIANS OUT	CIVILIANS IN
INFORMATION SYSTEMS TO SPAWAR SYSTEMS CENTER, SAN DIEGO	150	
SUBSURFACE SENSOR TO NUWC DIVISION NEWPORT		169

CONSOLIDATE MARITIME INFORMATION SYSTEMS R,D&A,T&E TO SPAWAR SYSTEMS CENTER, SAN DIEGO

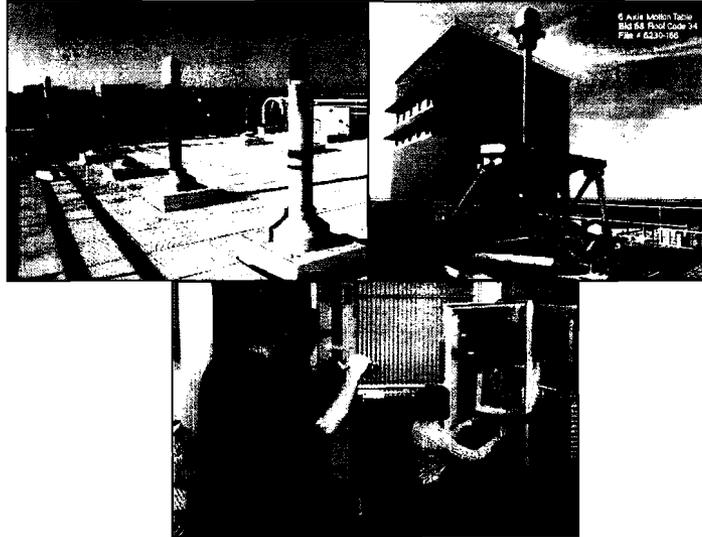
- ❑ JCSG SCENARIO TECH 0042AR**
- ❑ MAJOR NEWPORT WORK CAPTURED IN SCENARIO**
 - ❑ SUBMARINE RADIO ROOM**
 - ❑ COMMUNICATION ANTENNAS**
- ❑ DIVISION NEWPORT'S SUBMARINE COMMUNICATIONS ANTENNA FACILITIES INTERFACE WITH SUBMARINE COMBAT SYSTEM INFRASTRUCTURE INCLUDING PERISCOPES AND ELECTRONIC WARFARE SENSOR SYSTEMS TO ENABLE REAL-TIME END-TO-END OPERATIONAL WARFARE SYSTEM TEST AND EVALUATION.**

COMMS, IMAGING & EW SENSORS MAJOR FACILITIES

Overwater Arch



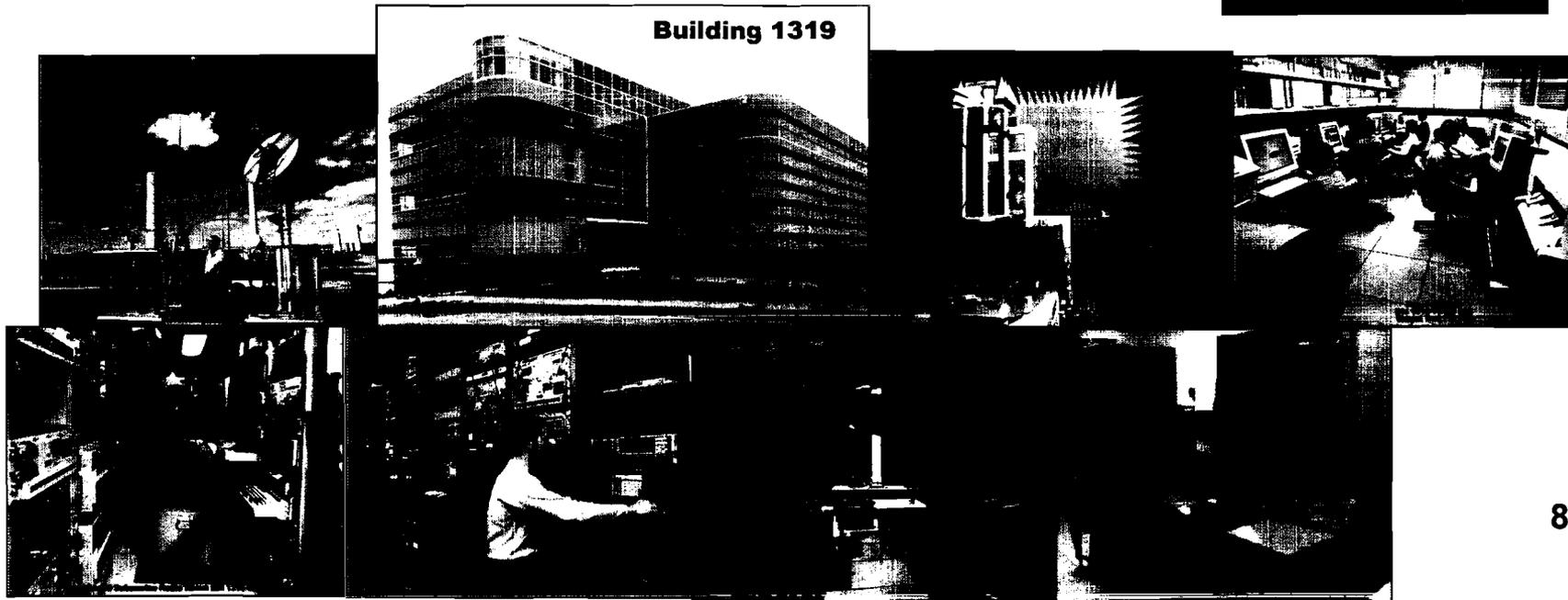
EM Sensor Facility



Fishers Island



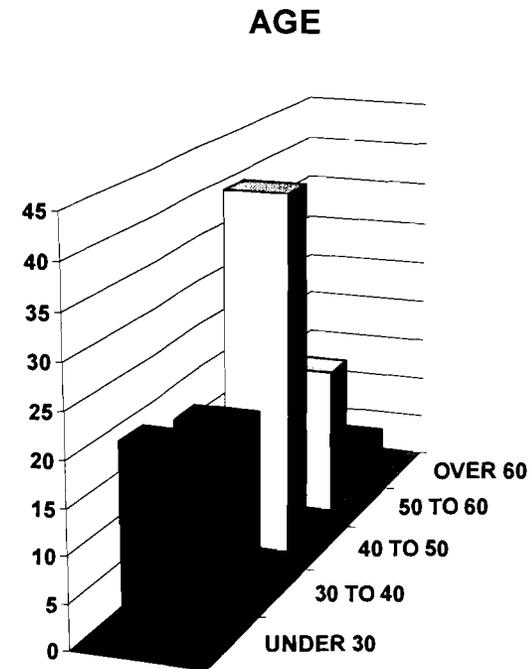
Building 1319



CONSOLIDATE MARITIME INFORMATION SYSTEMS R,D&A,T&E TO SPAWAR SYSTEMS CENTER, SAN DIEGO

PERSONNEL DEMOGRAPHICS

- ❑ COMMUNICATION ANTENNAS AND RADIO ROOM EXPERTISE TO REALIGN
 - ❑ 5 PhD
 - ❑ 29 MASTERS
 - ❑ 63 BACHELOR
 - ❑ 13 TECHNICAL
- ❑ SUBMARINE COMMUNICATIONS IS HIGHLY ESOTERIC DISCIPLINE
 - ❑ OVER 2000 YEARS OF EXPERIENCE



**CONSOLIDATE SUBSURFACE MARITIME SENSORS, ELECTRONIC
WARFARE AND ELECTRONICS R, D&A, T&E TO NUWC DIVISION
NEWPORT**

- JCSG SCENARIO TECH 0042AR
- 8 ACTIONS IN ORIGINAL SCENARIO DATA CALL:

	ACTIVITY	GOVT CIVILIANS	RECOMMENDED IN DoD REPORT?
1			
2	SPAWAR SAN DIEGO	118	YES
3	NAS PAX RIVER	32	YES
4	NWS CHARLESTOWN, SC	19	YES
5			
6			
7			
8			

181-D Realign Naval Base Ventura County, CA, Naval Surface Warfare Center Division, Dahlgren, VA, and Naval Station Newport, RI, by relocating Maritime Information Systems Research, Development & Acquisition, and Test & Evaluation to Naval Submarine Base Point Loma, San Diego, CA, and consolidating with the Space Warfare Center to create the new Space Warfare Systems Command Pacific, Naval Submarine Base Point Loma, San Diego, CA.

Naval Base Ventura County, CA Community:
??????????

Naval Surface Warfare Center, Dahlgren, VA Community

They would be giving up parts of their capability that are inextricably linked to their mission. As noted in question 47 of their BRAC response, Naval shipborne warfare systems are specifically designed to be fully embedded within the ship's hull design and interoperable with other ship's systems as well as those of other ships in the battle group. This ensures that all elements of the detect-to-engage sequence (detection, correlation, classification, targeting, weapons initiation, launcher control, weapons control and command & control) are functionally integrated and not separable as independent components. Furthermore, personnel would be highly unlikely to move (probably only 20 - 25% of the affected people) from the relatively affordable areas in the outer reaches of metropolitan Washington DC to high-priced San Diego. This is based on their experience during BRAC 95 in which a similar percentage of people moved from NSWC White Oak, about 75 miles away, to Dahlgren.

Naval Underseas Warfare Center, Newport, RI Community
?????????? Virtual Submarine

Naval Submarine Base Point Loma, San Diego, CA
None received; "gainer"

181-E: Realign Naval Submarine Base Point Loma, San Diego, CA, as follows: relocate Surface Maritime Sensors, Electronic Warfare, and Electronics Research, Development & Acquisition, and Test & Evaluation of the Space Warfare Center to Naval Surface Warfare Center Division, Dahlgren, VA; relocate Subsurface Maritime Sensors, Electronic Warfare, and Electronics Research, Development & Acquisition, and Test & Evaluation of the Space Warfare Center to Naval Station Newport, RI; disestablish Space Warfare Systems Center Norfolk, VA, detachment San Diego, CA, and assign functions

to the new Space Warfare Systems Command Pacific, Naval Submarine Base Point Loma, San Diego, CA; disestablish Naval Center for Tactical Systems Interoperability, San Diego, CA, and assign functions to the new Space Warfare Systems Command Pacific, Naval Submarine Base Point Loma, San Diego, CA; and disestablish Space Warfare Systems Command San Diego, CA, detachment Norfolk, VA, and assign functions to the new Space Warfare Systems Command Atlantic, Naval Amphibious Base, Little Creek , VA.

Naval Submarine Base Point Loma, San Diego, CA Community:

None received; metropolitan area “gainer”

Naval Surface Warfare Center, Dahlgren, VA Community:

They would be giving up parts of their capability that are inextricably linked to their mission. Personnel would be highly unlikely to move (probably only 20 - 25% of the affected people) from the relatively affordable areas in the outer reaches of metropolitan Washington DC to high-priced San Diego. This is based on their experience during BRAC 95 in which a similar percentage of people moved from NSWC White Oak to Dahlgren, about 75 miles away.

Naval Underseas Warfare Center, Newport, RI Community

Norfolk and Little Creek, VA Communities:

None received

181-F; Realign Naval Air Station Patuxent River, MD, by relocating Subsurface Maritime Sensors, Electronic Warfare, and Electronics Research, Development & Acquisition, and Test & Evaluation of the Naval Air Warfare Center, Aircraft Division to Naval Station Newport, RI.

Naval Air Station Patuxent River, MD

None received

Naval Underseas Warfare Center, Newport, RI Community

181-G: Realign Naval Air Station Jacksonville, FL, by disestablishing the Space Warfare Systems Center Charleston, SC, detachment Jacksonville, FL.

Naval Air Station Jacksonville, FL:

None received

181-H: ; Realign Naval Air Station Pensacola, FL, by relocating the Space Warfare Systems Center Charleston, SC, detachment Pensacola, FL, to Naval Weapons Station Charleston, SC.

Naval Air Station Pensacola, FL Community:

None received

Space Warfare Systems Center Charleston, SC:

None received; “gainer”

181-I: ; Realign Naval Weapons Station Yorktown, VA, by relocating the Space Warfare Systems Center Charleston, SC, detachment Yorktown, VA, to Naval Station Norfolk, VA, and consolidating it into the new Space Warfare Systems Command Atlantic detachment, Naval Station Norfolk, VA.

Yorktown/Norfolk, VA Community

None received

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#Tech-15 (182)

Create a Naval Integrated Weapons & Armaments

Research, Development & Acquisition, Test & Evaluation Center

182-A: Realign Naval Surface Warfare Center Crane, IN, by relocating all Weapons and Armaments Research, Development & Acquisition, and Test & Evaluation, except gun/ammunition, combat system security, and energetic materials to Naval Air Weapons Station China Lake, CA.

Naval Surface Warfare Center Crane IN, Community:

Crane community pointed out that trying to evaluate them sheerly as a Navy laboratory ignored the fact that much of their value comes from their joint capabilities and full spectrum expertise that enable them to respond to quick response problems that entail

development, testing, and low-level production or acquisition of solutions for Special Forces and other clients. Furthermore, their business is mostly Development and Acquisition, so they don't stack up as well when compared with an RD&A facility. Their full-spectrum capabilities are enhanced by their tenant, an Army Ammunition Plant and storage facility, which gives them ready access to ammunition for testing and the capability to develop, test, and manufacture unique explosives solutions for Special Forces Command, and other customers. Included in their client list are substantial amounts of work in support of non-NAVSEA clients including, Army, Air Force, USMC, and other DOD clients. Their success in bringing in new work is a reflection of a highly experienced work force in which three-fourths of their Weapons & Armaments employees have more than 20 years of experience which has helped them grow at a rate of about 20% per year since 2001. They reminded us that they have one of the largest bases in the USA and they have no encroachment problems. Finally, if all of the recommendations that affect NSWC Crane were implemented, the County (Martin) would lose more than one-ninth, or 11.6% of its jobs.

Naval Air Weapons Station China Lake, CA Community

None received; "gainer"

182-B: Realign Naval Surface Warfare Center Indian Head, MD, by relocating all Weapons and Armaments Research, Development & Acquisition, and Test & Evaluation, except gun/ammo, underwater weapons, and energetic materials, to Naval Air Weapons Station China Lake, CA.

Naval Surface Warfare Center Indian Head, MD Community:

Naval Air Weapons Station China Lake, CA Community:

None received; "gainer"

182-C Realign Naval Air Station Patuxent River, MD, by relocating all Weapons and Armaments Research, Development & Acquisition, and Test & Evaluation, except the Program Executive Office and Program Management Offices in Naval Air Systems Command, to Naval Air Weapons Station China Lake, CA.

Naval Air Station Patuxent River, MD Community:

None received

Naval Air Weapons Station China Lake, CA Community:

None received; "gainer"

182-D Realign Naval Base Ventura County, Point Mugu, CA, by relocating all Weapons and Armaments Research, Development & Acquisition, and Test & Evaluation to Naval Air Weapons Station China Lake, CA.

Naval Base Ventura County, Point Mugu, CA Community:

Naval Air Weapons Station China Lake, CA Community:

None received; “gainer”

182-E Realign Naval Weapons Station Seal Beach, CA, by relocating all Weapons and Armaments Research, Development & Acquisition, and Test & Evaluation, except underwater weapons and energetic materials, to Naval Air Weapons Station China Lake, CA.

Naval Weapons Station Seal Beach, CA Community:

Some of this work can be performed at NSA Corona and if done there, would avoid the need to purchase certain calibration equipment. Corona personnel already perform much of the work characterized in the description of the specialized technical workforce which provides engineering and logistics services in support of nuclear reentry systems, test measurement and diagnostics equipment (TMDE) and Automated Test Equipment (ATE). Furthermore, they made the important observation that this recommendation is technically flawed in that this recommendation really applies to the Naval Surface Warfare Center Indian Head, Detachment Seal Beach, and not to Naval Weapons Station Seal Beach.

Naval Air Weapons Station China Lake, CA Community:

None received; “gainer”

182-F: Realign Naval Surface Warfare Center, Yorktown, VA, by relocating all Weapons and Armaments Research, Development & Acquisition, and Test & Evaluation to Naval Surface Warfare Center Indian Head, MD.

Naval Surface Warfare Center, Yorktown, VA Community:

Naval Air Weapons Station China Lake, CA Community:

None received; “gainer”

182-G: Realign Naval Base Ventura County, Port Hueneme, CA, by relocating all Weapons and Armaments Research, Development & Acquisition, and Test & Evaluation, except weapon system integration, to Naval Air Weapons Station China Lake, CA.

Naval Base Ventura County, Port Hueneme, CA Community:

Naval Air Weapons Station China Lake, CA Community:
None received; “gainer”

182-H: Realign Fleet Combat Training Center, CA (Port Hueneme Detachment, San Diego, CA), by relocating all Weapons and Armaments weapon system integration Research, Development & Acquisition, and Test & Evaluation to Naval Surface Warfare Center Dahlgren, VA.

Fleet Combat Training Center, CA (Port Hueneme Detachment, San Diego, CA) Community:

Naval Air Weapons Station China Lake, CA Community:
None received; “gainer”

182-I: Realign Naval Surface Warfare Center Dahlgren, VA, by relocating all Weapons & Armaments Research, Development & Acquisition, and Test & Evaluation, except guns/ammo and weapon systems integration to Naval Air Weapons Station China Lake, CA.

Naval Surface Warfare Center Dahlgren, VA Community:

The recommendation is in conflict with DOD’s recommendation to establish Dahlgren as a specialty site for Naval Surface Warfare. This facility is unique to the services and is the centroid for Navy Surface Ship, responsible for developing and preserving the synergies between large, highly integrated control systems developments and the weapon system development themselves. Consolidation at Picatinny will result in the reduction of the Navy’s ability to engineer and integrate its shipboard combat systems. System integration is best done, for both engineering and cost purposes, when those elements being integrated are co-located. Single siting gunnery fails to retain two sites, which was one of the guiding principals of the TJCSG. The Department of Defense recommendation will reduce military value and potentially negatively impact the warfighting capability of the Navy. Additionally, based on BRAC 95 experience approximately less than 20% of the educated, trained, and experienced engineering and technical workforce will move from the region.

Naval Air Weapons Station China Lake, CA Community:
None received; “gainer”



#Tech-19 (183)

Create an Integrated Weapons & Armaments Specialty Site for Guns and Ammunition

183-A: Realign the Adelphi Laboratory Center, MD, by relocating gun and ammunition Research and Development & Acquisition to Picatinny Arsenal, NJ.

Adelphi Laboratory Center, MD Community:
None received

Picatinny Arsenal, NJ Community:
None received; “gainer”

183-B: Realign Naval Surface Warfare Center Division Crane, IN, by relocating gun and ammunition Research and Development & Acquisition to Picatinny Arsenal, NJ.

Naval Surface Warfare Center Division Crane, IN Community:
???

Picatinny Arsenal, NJ Community:
None received; “gainer”

183-C: Realign the Fallbrook, CA, detachment of Naval Surface Warfare Center Division Crane, IN, by relocating gun and ammunition Research and Development & Acquisition to Picatinny Arsenal, NJ.

Naval Surface Warfare Center Division Crane, IN, Fallbrook, CA, detachment Community:

Community members explained that they perform Testing and Evaluation. Their organization was perceived negatively because they were compared to RD&A activities, areas in which they compare poorly, rather than as a T&E facility which they are. They questioned the Army’s ability and willingness to address Marine Corps interests, which they do. The detachment is on a Marine Corps facility which is physically contiguous to Camp Pendleton, another USMC facility. Thus, they have a strong rapport and access to USMC personnel, equipment, and ammunition much of which is stored on the Fallbrook compound. They also have ready access to Camp Pendleton facilities and have historically have made use of testing facilities at Hawthorne, NV. On the other hand, Picatinny does not have any significant T and E capability and must send testing and/or personnel to Aberdeen or other facilities.

Picatinny Arsenal, NJ Community:
None received; “gainer”

183-D: Realign Naval Surface Warfare Center Division Dahlgren, VA, by relocating gun and ammunition Research and Development & Acquisition to Picatinny Arsenal, NJ.

Naval Surface Warfare Center Division Dahlgren, VA: Community:
?????

Picatinny Arsenal, NJ Community:
None received; “gainer”

183-E: Realign the Louisville, KY, detachment of Naval Surface Warfare Center Division Port Hueneme, CA, by relocating gun and ammunition Research and Development & Acquisition to Picatinny Arsenal, NJ.

Naval Surface Warfare Center Division Port Hueneme, CA, Louisville, KY, detachment Community:
??????

Picatinny Arsenal, NJ Community:
None received; “gainer”

183-F: Realign Naval Air Warfare Center Weapons Division China Lake, CA, by relocating gun and ammunition Research and Development & Acquisition to Picatinny Arsenal, NJ.

Naval Air Warfare Center Weapons Division China Lake, CA, Community:
???

Picatinny Arsenal, NJ Community:
None received; “gainer”

183-G: Realign Naval Surface Warfare Center Division Indian Head, MD, by relocating gun and ammunition Research and Development & Acquisition to Picatinny Arsenal, NJ.

183-H: Realign Naval Surface Warfare Center Division Earle, NJ, by relocating weapon and armament packaging Research and Development & Acquisition to Picatinny Arsenal, NJ.

Naval Surface Warfare Center Division Earle, NJ Community:
In the first place, NSWC Division Earle is the Navy’s designated expert in Packaging, Handling, Shipping, and xxxxxx. The Navy views this as a complete package. All

aspects of ammunition packaging, handling, shipping, etc. are especially critical to the Navy as accidents in the confined spaces of the Fleet are particularly devastating as witnessed by tragedies on the xxx. Underway replenishment of ammunition is also an evolution fraught with danger. As a result, the Navy should retain responsibility for all aspects of ammunition handling, at least in the Navy.

Picatinny Arsenal, NJ Community:

None received; "gainer"

.....

#DoN-14 (999)

Recommendation for Closure Navy Supply Corps School Athens, GA

999-A: Close the naval installation at Athens, GA. Relocate the Navy Supply Corps School and the Center for Service Support to Naval Station Newport, RI. Disestablish the Supply Corps Museum.

Athens, GA Community:

The Navy Supply Corps School is efficiently run. The Commanding Officer and other school officials are double-hatted as base officials. There is no synergy between the school and any current or planned base tenants. The DoD-corrected COBRA shows a 13-year payback which requires a \$23.8 M investment which might lead to what is less than a \$4.5 M savings over 20 years. Furthermore, under Section 325 of the National Defense Authorization Act for FY 2005, the Army is authorized to conduct a test to procure certain municipal services, including utilities, facility maintenance and repair, and refuse collection and disposal. Should this test be successful and be implemented in a widespread manner, costs would drop and the return on investment would become even less appealing. In the same vein, note that the average salary of the affected public works employees which constitute most of the positions to be eliminated is considerably lower than the COBRA default figure so the true savings is virtually non-existent.

.....

#DoN-7 (000)

Recommendation for Closure Naval Support Activity Corona, CA

000-A: Close Naval Support Activity Corona, CA. Relocate Naval Surface Warfare Center Division Corona, CA to Naval Base Ventura County (Naval Air Station Point Mugu), CA.

Naval Support Activity Corona, Norco, CA Community:

First and foremost is the brain-drain issue. Fewer than 20% of the existing employees will likely make this move, and the accuracy of this statement is highlighted by several facts: 1) The large percentage of retirement eligible employees; 2) Hiring during the

past few years has been almost exclusively from universities situated in close proximity to the NSA, so most younger employees tend to have extremely close ties in the area; 3) Housing costs in and around Ventura County, which is not within commuting distance, are twice what they are near Norco/Corona; and 4) Proposition 13, unless adjusted, would cause property taxes for long-time home-owners to increase 3- to 6-fold in the vicinity of VCNB. Secondly, the independence that is vital to the NSA's mission would be threatened if made a tenant or, worse yet, a subordinate command or division of an organization whose performance it is tasked with evaluating. Third, the cost of moving NSA, as reported in the DoD COBRA, to reconstruct NSA at Pt. Mugu is significantly greater than reported, reconstruction of some of the laboratory equipment may be impossible to recreate because of the high water table, and of course, the crowning aspect of the cost issue is that the DOD COBRA acknowledges a savings of only \$360K over twenty years, after an investment of more than \$80M, not including the cost of training about 650 new employees at a cost in excess of \$70K per employee.

Ventura County Naval Base (VCNB) Community:

None received; gainer

Technical Cross-Service Recommendations

COMMUNITY CONCERNS BY RECOMMENDATION

#Tech-9 (181) Consolidate Maritime C4ISR Research, Development, Acquisition, Test & Evaluation

181-A: Realign Washington Navy Yard, DC, by disestablishing the Space Warfare Systems Center Charleston, SC, detachment Washington Navy Yard and assign functions to the new Space Warfare Systems Command Atlantic Naval Amphibious Base, Little Creek, VA.

Washington Navy Yard Community:

None received

Naval Amphibious Base, Little Creek, VA Community:

None received

181-B: Realign Naval Station, Norfolk, VA, by disestablishing the Space Warfare Systems Center Norfolk, VA, and the Space Warfare Systems Center Charleston, SC, detachment Norfolk, VA, and assign functions to the new Space Warfare Systems Command Atlantic Naval Amphibious Base, Little Creek, VA.

Norfolk Community

None received

Charleston, SC Community:

The Charleston community argued in favor of keeping that city the center for maritime C4ISR research on the East Coast. They questioned the wisdom of placing the new headquarters organization (Space Warfare Systems Command Atlantic) at a location away from where most of the work is being performed. They pointed out that there are currently twice as many SPAWAR personnel in Charleston as there are in the metropolitan Norfolk area. SPAWAR Charleston embodies the essence of a joint command, with nearly one-half of its work coming from non-Navy sources. To support this recommendation is to vote to override the decision of BRAC 1993, which made a conscious decision to make Charleston this center of C4ISR, an action which led to the construction of a new world class facility.

181-C: Realign Naval Weapons Station Charleston, SC, as follows: relocate Surface Maritime Sensors, Electronic Warfare, and Electronics Research, Development &

Acquisition, and Test & Evaluation of the Space Warfare Center to Naval Surface Warfare Center Division, Dahlgren, VA; relocate Subsurface Maritime Sensors, Electronic Warfare, and Electronics Research, Development & Acquisition, and Test & Evaluation of the Space Warfare Center to Naval Station Newport, RI; and relocate the Command Structure of the Space Warfare Center to Naval Amphibious Base, Little Creek, VA, and consolidate it with billets from Space Warfare Systems Command San Diego to create the Space Warfare Systems Command Atlantic, Naval Amphibious Base, Little Creek, VA. The remaining Maritime Information Systems Research, Development & Acquisition, and Test & Evaluation functions at Naval Weapons Station Charleston, SC, are assigned to Space Warfare Systems Command Atlantic, Naval Amphibious Base, Little Creek, VA.

Charleston, SC Community:

The Charleston community argued in favor of keeping that city the center for maritime C4ISR research on the East Coast. They argued that the Space Warfare System Center has the highest military value on the East Coast of all Navy activities rated under the category Information Systems Technology Development and Acquisition. In the category of IST Test and Evaluation, it ranked higher than San Diego. They pointed out that Charleston has the most efficient Navy C4ISR organization, has low civilian and contractor labor rates, and has significantly less concern with electronic emission issues. Along with this is the affordable nature of Charleston as compared to San Diego. They questioned the wisdom of placing the new headquarters organization (Space Warfare Systems Command Atlantic) at a location away from where most of the work is being performed. They pointed out that there are currently twice as many SPAWAR personnel in Charleston as there are in the metropolitan Norfolk area. SPAWAR Charleston embodies the essence of a joint command, with nearly one-half of its work coming from non-Navy sources. To support this recommendation is to vote to override the decision of BRAC 1993, which made a conscious decision to make Charleston this center of C4ISR, an action which lead to the construction of a new world class facility, far removed from the types of electronic encroachment problems which have plagued the Norfolk electronics community.

Naval Surface Warfare Center, Dahlgren, VA Community

None received; "gainer"

Naval Underseas Warfare Center, Newport, RI Community

None received; "gainer"

Norfolk and Little Creek, VA Communities:

None received; "gainer"

San Diego Community:

None received; "gainer"

Officer Training Command Newport



Command Brief



For BRAC Commission Staff

Today's Itinerary



- 1400 - 1420 Brief in King Hall
- 1420 - 1430 King Hall (OIS)
- 1430 - 1435 Transit to Callaghan Hall
- 1435 - 1450 Callaghan Hall, including simulators (SSO/STA-21)
- 1450 - 1500 Transit to Perry Hall
- 1500 - 1515 Perry Hall, including range (OIS)
- 1515 - 1525 Transit to Buttercup
- 1525 - 1540 Buttercup (DC)
- 1540 - 1550 Transit to Fire Fighting Trainer
- 1550 - 1605 Fire Fighting Trainer (DC) - short demonstration
- 1605 - 1615 Transit to NAVSTA Bldg 690

OTCN Mission



Officer Training Command Newport prepares Sailors and Marines through enduring professional and personal development to lead as officers in the fleet.

Seaman to Admiral – 21 (STA-21)

SOURCE OF THE FORCE

- **MISSION** - To prepare selected Sailors and Marines academically and professionally for success in NROTC
- Broadened Opportunity for Officer Selection and Training (BOOST)
 - 3, 6, 9 month
 - Math, Science, English
 - Civilian professors w/ Academic Dean
- Naval Science Institute
 - Intro to Naval Science, Sea Power & Maritime Affairs, Naval Engineering, Weapons Engineering, and Navigation I and II.
 - Military staff



Officer Indoctrination School (OIS)

SOURCE OF THE FORCE

- **MISSION:** To prepare newly commissioned officers of the Naval Medical Department, Judge Advocate General Corps, and Nuclear Power Instructors as Naval leaders supporting the Fleet and Fleet Marine Force.

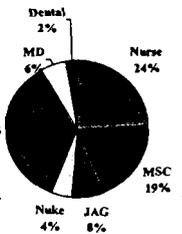
890 projected annual input for HSP/USUSNS FY05-09

Class Size: Officers (150 max)

9 classes per year

30% prior enlisted

OIS Graduates by Designator for FY05



Designator	Percentage
Dental	2%
MD	6%
Nurse	24%
MSC	19%
Nuke	4%
JAG	8%
HSP/USUSNS	37%

Naval Chaplains School

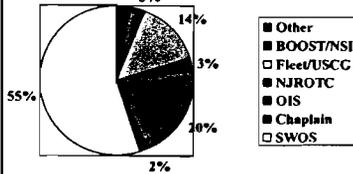
SOURCE OF THE FORCE

- **MISSION** - To prepare Navy Chaplains for institutional ministry and professional leadership throughout and beyond the Sea Services.
- Courses
 - Basic Course
 - Advanced
 - Professional Development Training Course/Workshop
 - CCPO
- Military and Civilian Staff



Damage Control

- Curriculum - 7 courses (5 Fire Fighting, 1 Wet Trainer, 1 Water Survival)



7000 Total Students per year

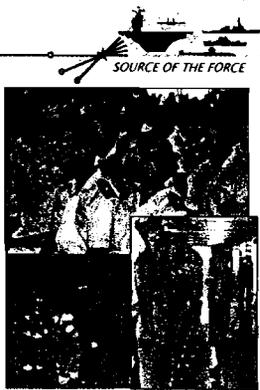
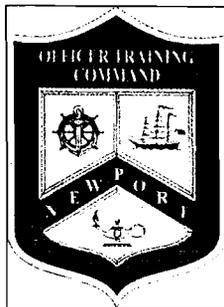


Support Functions

- **Facilities**
 - Berthing/Galley
 - Classrooms/Trainers
 - 9mm Pistol Range
 - PSD
 - Uniform Shop/NEX
 - NACC
 - PT/Drill Facility
 - Pool
 - Public Works



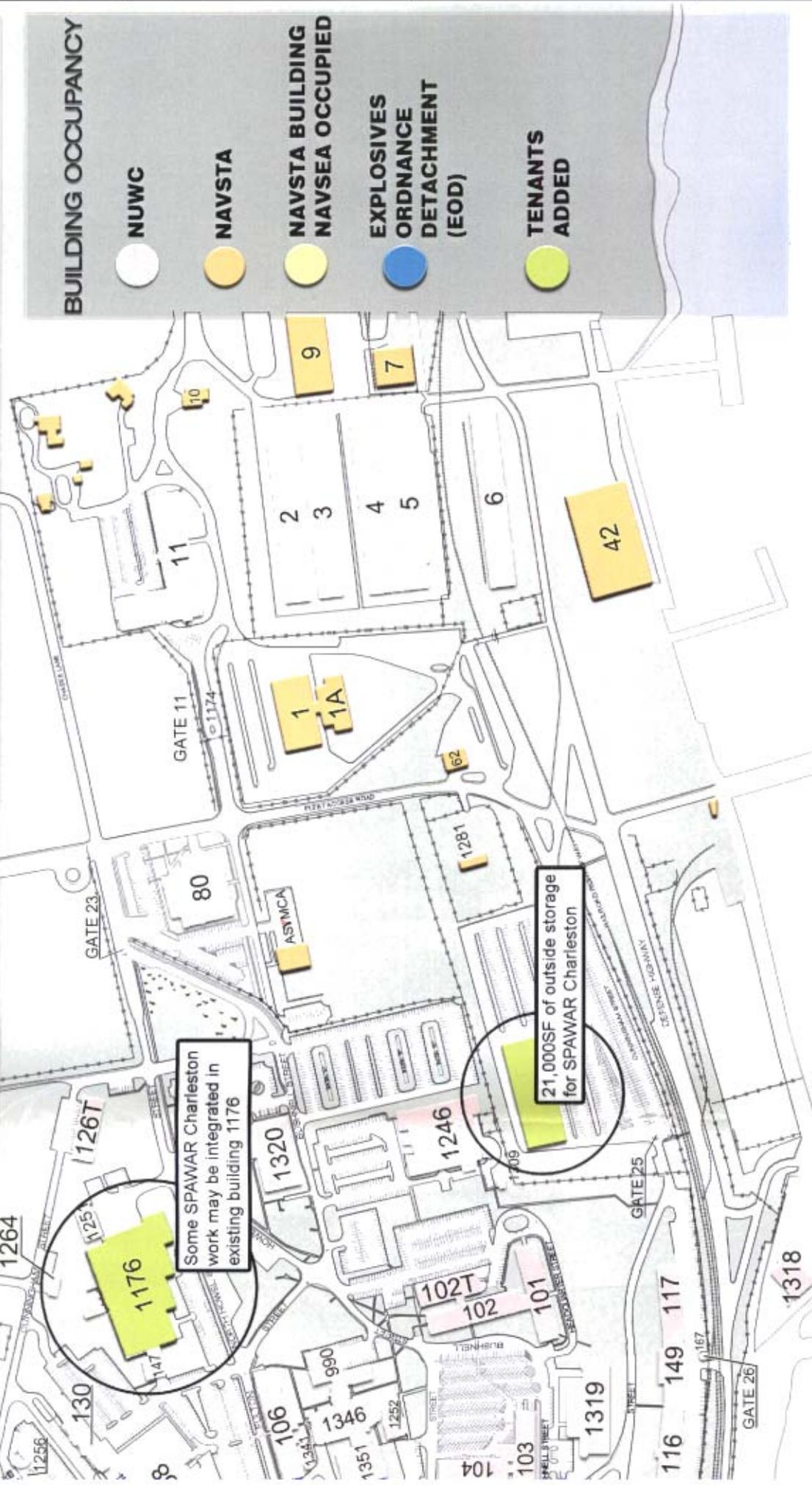
Questions?



TENANTS IF ALL INCOMING RECOMMENDATIONS WERE APPROVED

BUILDING OCCUPANCY

- NUWC
- NAVSTA
- NAVSTA BUILDING NAVSEA OCCUPIED
- EXPLOSIVES ORDNANCE DETACHMENT (EOD)
- TENANTS ADDED



Some SPAWAR Charleston work may be integrated in existing building 1176

21,000SF of outside storage for SPAWAR Charleston

MAP ZONE	TENANT	USE	AREA (SQFT)
A2	NUWC	RDTE	6,476
B2	NUWC	RDTE	6,196
A2	NUWC	RDTE	8,017
A3	NUWC	RDTE	6,946
C1	NUWC	RDTE	1,257
B3	NUWC	ADMIN	2,800
B2	NUWC	RDTE	21,885
C3	NUWC	RDTE	10,667
C2	NUWC	MED CLINIC	2,547
B2	NUWC	RDTE	4,867
D3	NUWC	GUARD	88
A2	NUWC	RDTE	1,368

BLGD. NO.	MAP ZONE	TENANT	USE	AREA (SQFT)
185	A2	NUWC	WHSE	8,639
187	B4	NUWC	GUARD	72
438	A2	NUWC	RDTE	2,160
654	C2	NUWC	RDTE	408
679	C2	NUWC	RDTE	25,811
990	B3	NUWC	ADMIN	62,217
1170	B2	NUWC	RDTE	63,660
1171	B2	NUWC	RDTE	114,403
1176	B3	*	RDTE	64,426
1177	A3	NUWC	BUNKER	576
1180	A3	NUWC	RDTE	1,350
1190	D2	NUWC	BRAT GUARD	5,304

BLGD. NO.	MAP ZONE	TENANT	USE	AREA (SQFT)
1246	C3	NUWC	RDTE	56,687
1251	A3	NUWC	RDTE	6,510
1252	B3	NUWC	COM CNTR	2,107
1256	A3	NUWC	RDTE	576
1257	B2	NUWC	RDTE	400
1258	B2/3	NUWC	RDTE	111,233
1259	B2	NUWC	RDTE	81,024
1264	A3	NUWC	RDTE	1,452
1274	A2	NUWC	RDTE	484
1301	A3	NUWC	RDTE	1,990
1302	A2	NUWC	RDTE	39,900
1303	A2	NUWC	RDTE	15,100

BLGD. NO.	MAP ZONE	TENANT	USE	AREA (SQFT)
1318	D3	NUWC	RDTE	6,752
1319	C3	NUWC	RDTE	93,868
1320	B3	NUWC	RDTE	197,767
1341	B3	NUWC	COM CNTR	252
1346	B3	NUWC	RDTE	49,509
1349	B1	NUWC	COM CNTR	252
1350	B2	NUWC	COM CNTR	252
1351	C3	NUWC	RDTE	44,352
1371	B1	NUWC	RDTE	50,000
T102	C3	NUWC	RDTE	10,380
T112	C1	NUWC	ADMIN	5,994
T126	A3	NUWC	ADMIN	10,000

VAULT 68

TENANTS IF ALL INCOMING RECOMMENDATIONS WERE APPROVED



Some SPAWAR Charleston work may be integrated in existing building 1176

21,000SF of outside storage for SPAWAR Charleston

MAP ZONE	TENANT	USE	AREA (SQFT)
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B2	NUWC	RDTE	4,867
D3	NUWC	GUARD	88
A3	NUWC	RDTE	1,968

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185	A2	NUWC	WHSE	8,639
187	B4	NUWC	GUARD	72
438	A2	NUWC	RDTE	2,160
654	C2	NUWC	RDTE	408
679	C2	NUWC	RDTE	25,811
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1171	B2	NUWC	RDTE	114,403
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1246	C3	NUWC	RDTE	56,687
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1264	A3	NUWC	RDTE	1,452
1274	A2	NUWC	RDTE	484
1301	A3	NUWC	RDTE	1,980
1302	A2	NUWC	RDTE	39,900
1303	A3	NUWC	RDTE	14,100

BLGD. NO.	MAP ZONE	TENANT	USE	AREA (SQFT)
1318	D3	NUWC	RDTE	6,752
1319	C3	NUWC	RDTE	93,868
1320	B3	NUWC	RDTE	197,767
1341	B3	NUWC	COM CNTR	252
1346	B3	NUWC	RDTE	49,509
1349	B1	NUWC	COM CNTR	252
1350	B2	NUWC	COM CNTR	252
1351	C3	NUWC	RDTE	44,352
1371	B1	NUWC	RDTE	50,000
T102	C3	NUWC	RDTE	10,380
T112	C1	NUWC	ADMIN	5,994
T106	A3	NUWC	ADMIN	10,000

VAULT 68

2

Approved for Public Release

VISION

WARFARE
UNDERSEA

MISSION

PRODUCT

Aligned for the Future
DIVISION NEWPORT

NUMC

PEOPLE

PROCESS

EXCELLENCE

THE
PROCESS



Applying Corporate Knowledge Throughout the Entire Life Cycle



Undersea Warfare Analysis



Acquisition Engineering



Production Engineering & Support



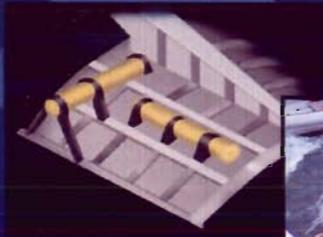
Test & Evaluation



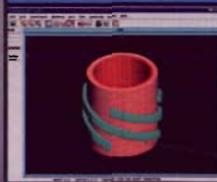
Fleet Engineering Support



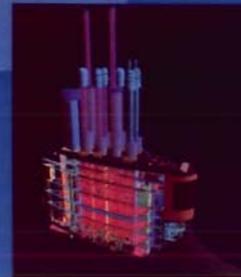
Science & Technology



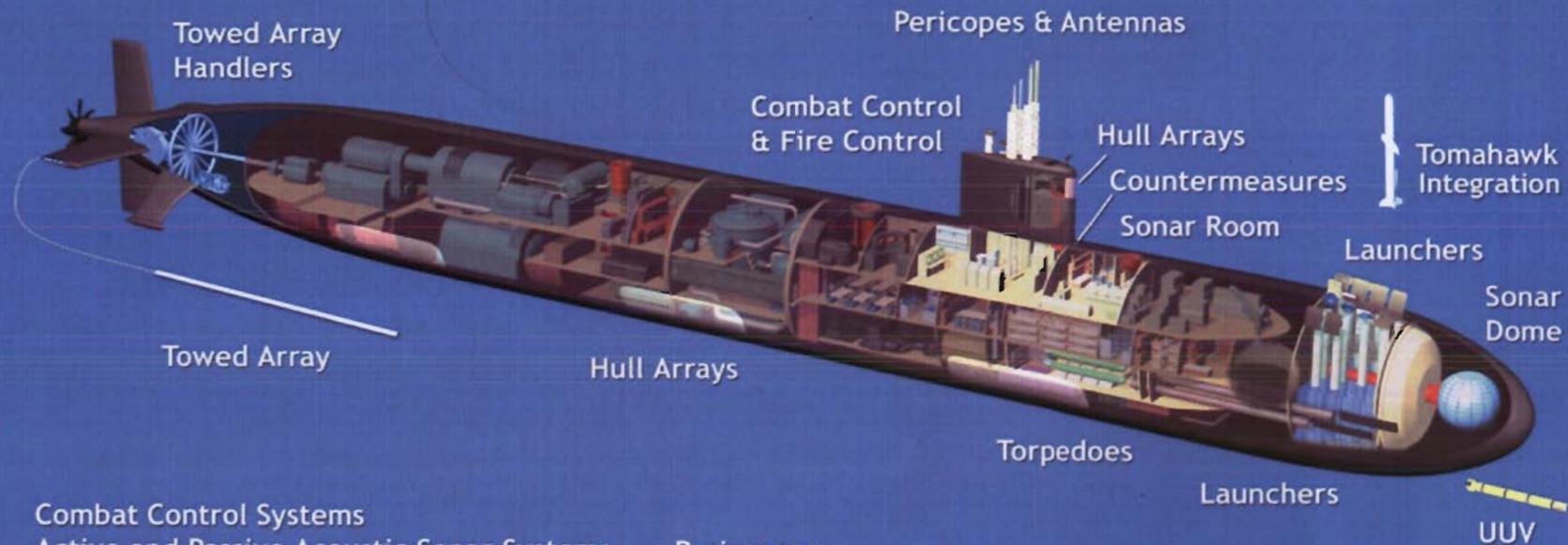
Advanced Development



Platform Engineering



NUWC's Contribution to Submarine Technology



Combat Control Systems
 Active and Passive Acoustic Sonar Systems
 Fire Control Systems
 Hull-Mounted, Fixed and Towed Arrays
 Towed Array Handling Systems
 Acoustic Transducers
 Antennas

Periscopes
 Missiles
 Launchers
 Torpedo Systems, Including Propulsion, Payloads, and Software
 Unmanned Undersea Vehicles
 Countermeasures

NUWC's Contribution to Surface Ship Technology

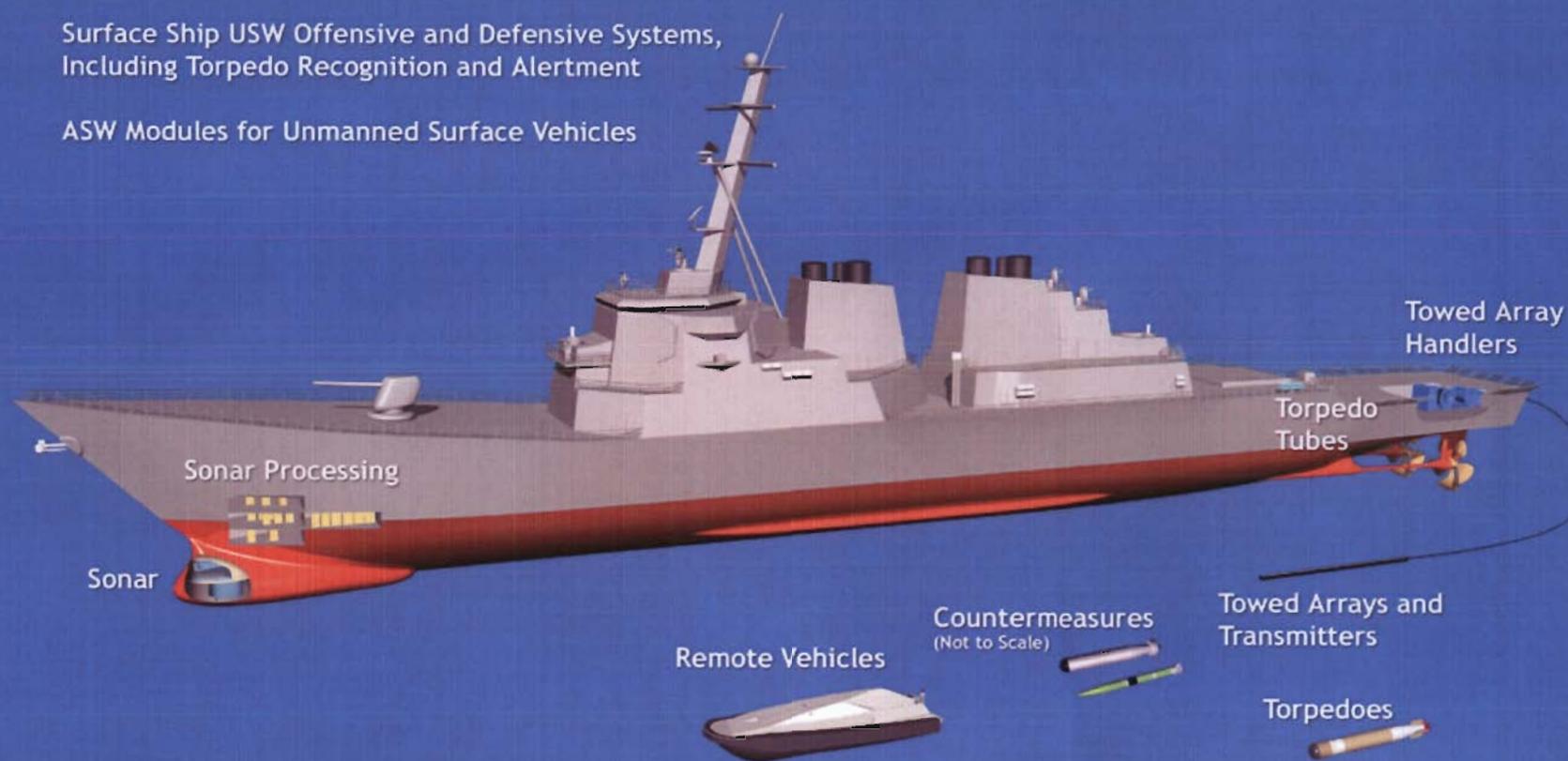


MISSION

Surface Ship Sonar

Surface Ship USW Offensive and Defensive Systems,
Including Torpedo Recognition and Alertment

ASW Modules for Unmanned Surface Vehicles



Sonar

Sonar Processing

Remote Vehicles

Countermeasures
(Not to Scale)

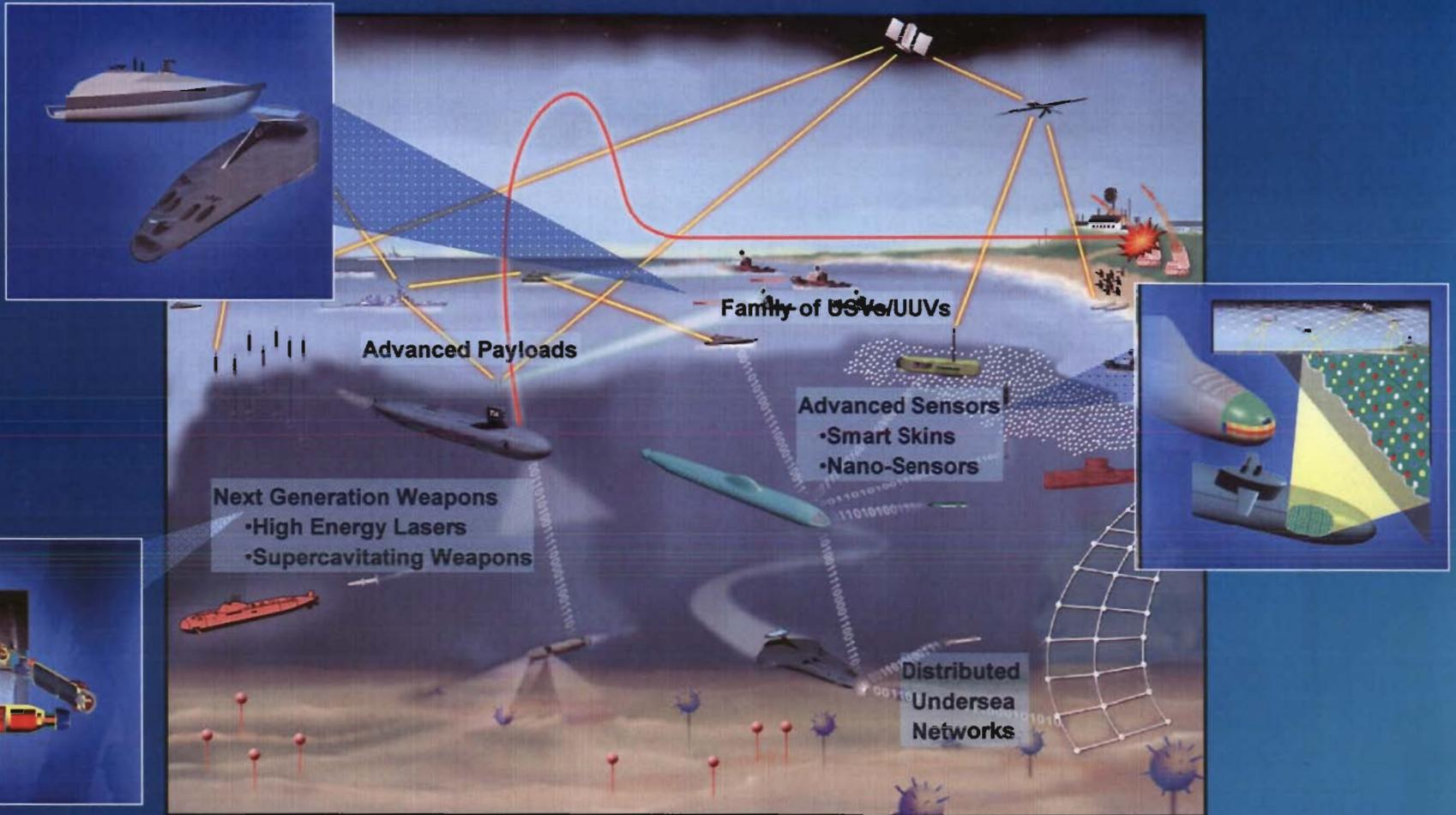
Towed Arrays and
Transmitters

Torpedoes

Torpedo
Tubes

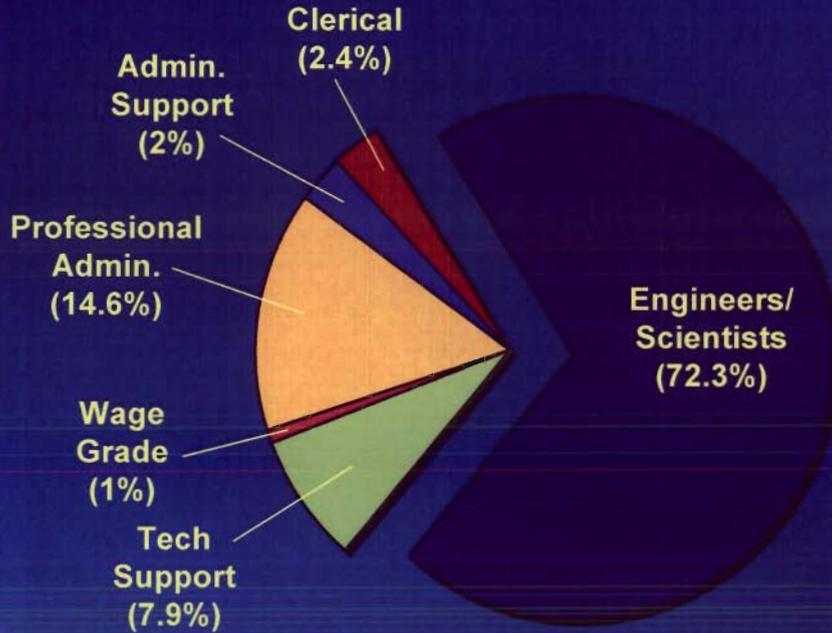
Towed Array
Handlers

NUWC's Contribution to the Navy After Next



SEAPOW 21 – Transformation for the Navy

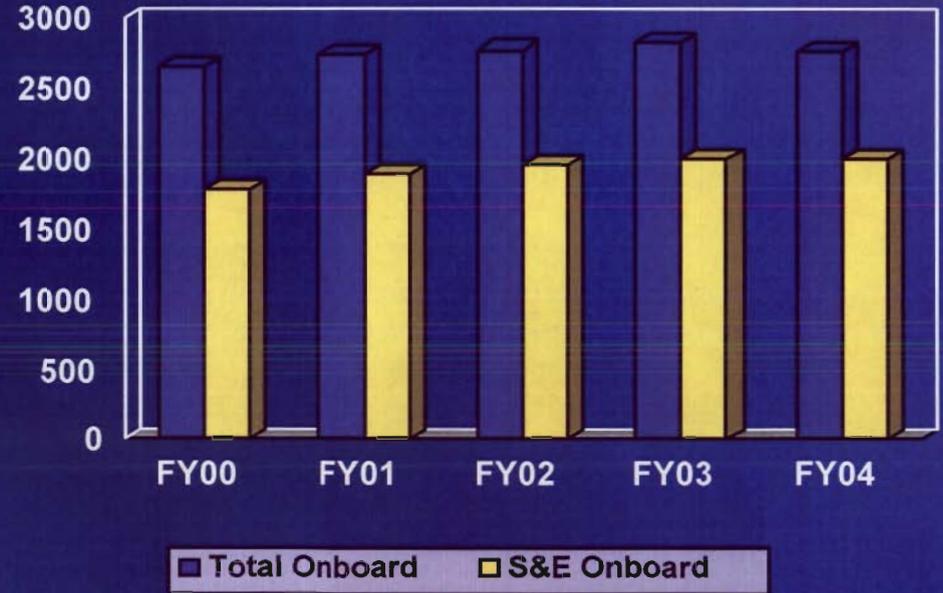
Our People



FY04	
Civilian	2760
Military	31

Advanced Degrees

45 % of Our Scientists and Engineering Staff Have Advanced Degrees



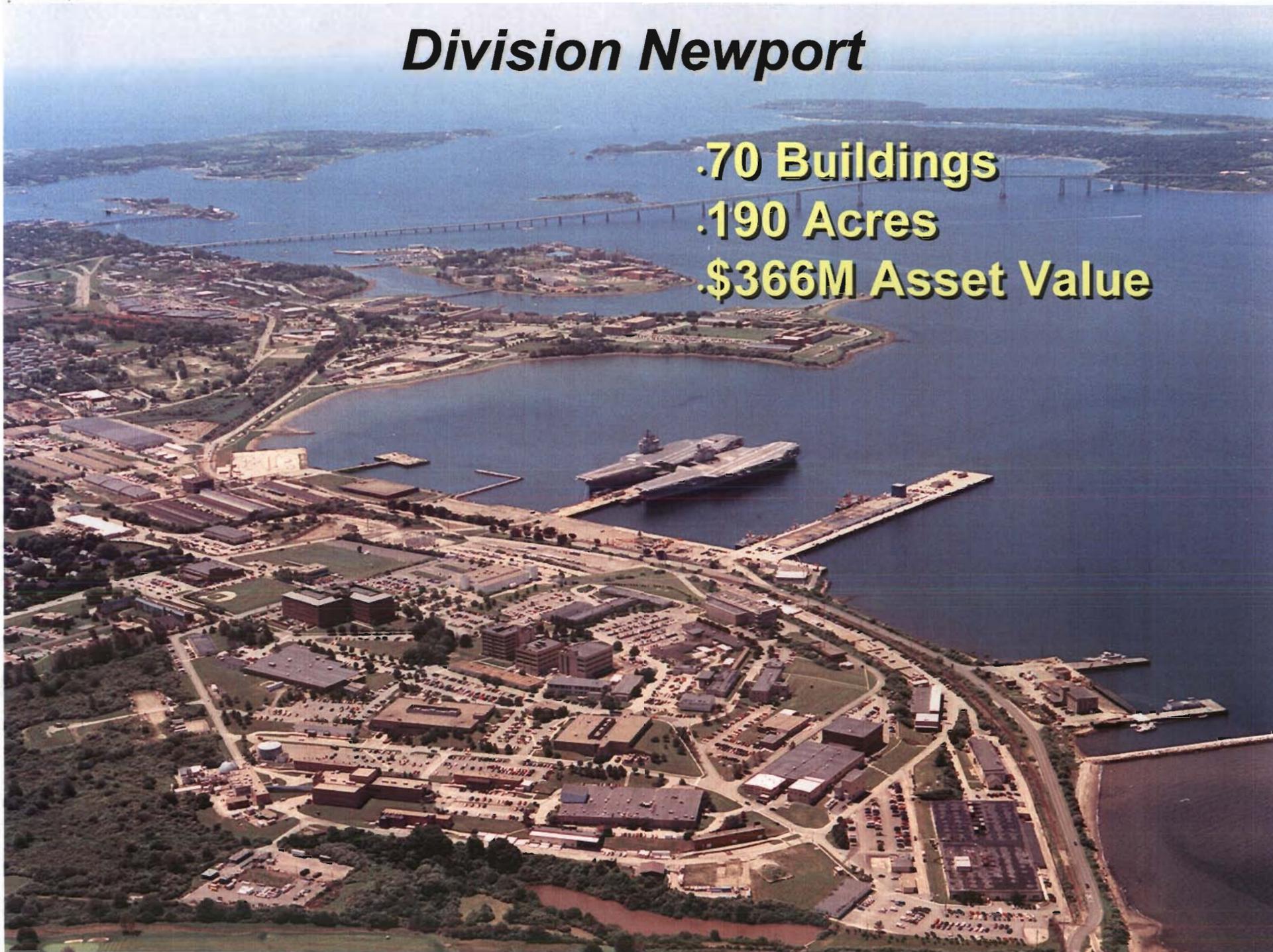
**72% Of Our Workforce are Engineers and Scientists
Advanced Degrees - 159 PHD's (8%) And 735 Master's (37%)**

Division Newport

.70 Buildings

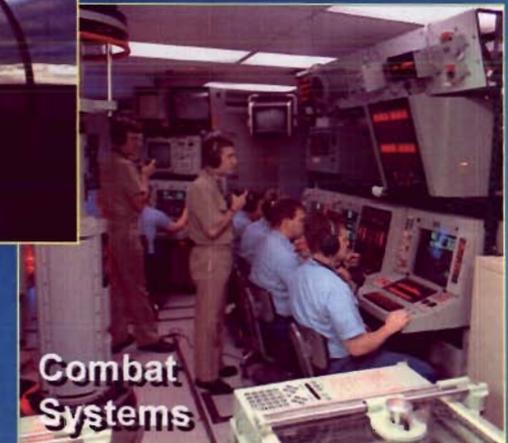
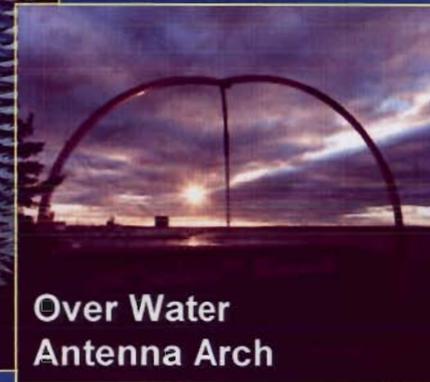
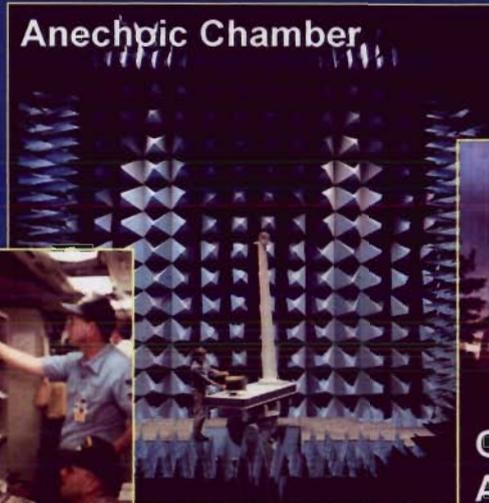
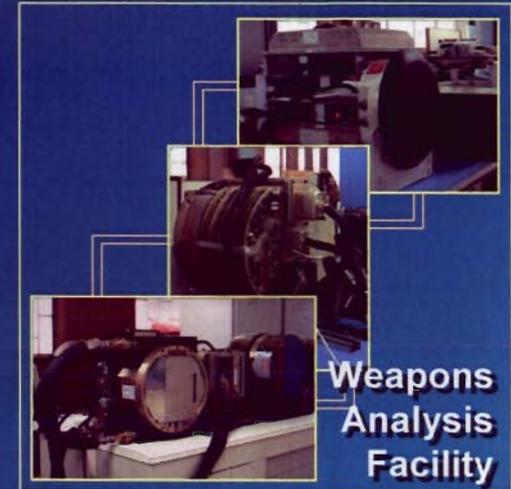
.190 Acres

.\$366M Asset Value



Unique USW Facilities

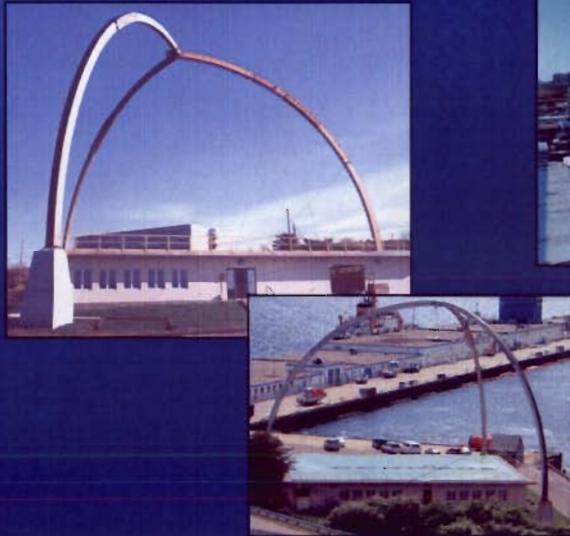
- Are highly specialized for USW
- Have full life cycle application
- Reduce cost, risk, and development time
- Make use of state-of-the-art simulations and networking



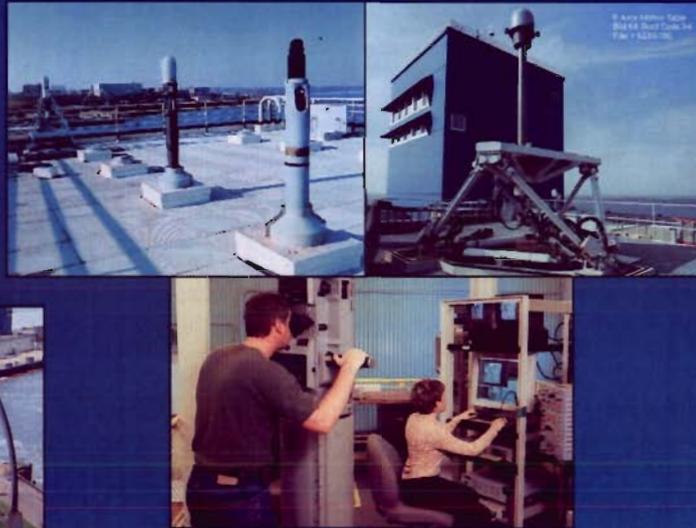
Undersea Warfare Focus

Comms, Imaging & EW Sensors Department Major Facilities

Overwater Arch



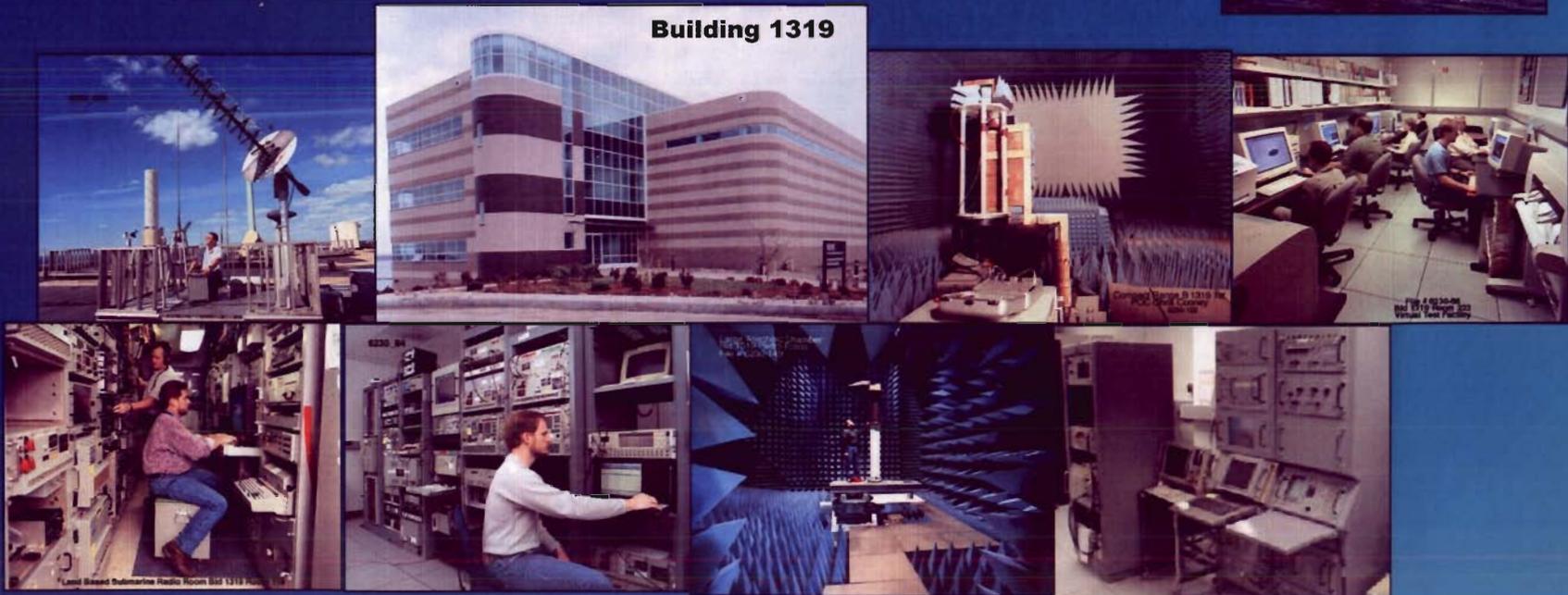
EM Sensor Facility



Fishers Island



Building 1319



Antennas & EM Sensors

- Roof Top Antennas:
- OE-538
 - BRA-34
 - HDR
 - GBS
 - Periscopes
 - IEM



B1319

B68

**NUWC
Virtual
Submarine
Warfare
System
Components**

Secure Network (Secret System High, OC-3, 155Mbps)

DS-3 (45 Mbps)

ISDN & T1

ESM

- ESM Test Bed
- WLR-8 w/HPI
 - COTS ADF
 - BRD-7
 - ES Workstation



B1319

Radio Room



- Land Based Submarine Radio Room (LBSRR) B 1319
- Platform Integration & Test Lab B1319
- EHF Integration & Test Lab B68

B1319

Combat Control



- WSPF
- CCS MK1 / MK2
- AN/BSY1
- Navigation

B1171 & 1259

Sonar



B1258

- Advanced Processing & Display Labs
- AN/BQQ-5
 - AN/BQQ-6

B1320

Unmanned Undersea Vehicles

- MTV
- 21" UUV
- REMUS
- HWIL Simulation



B116

Weapons

- Weapons Analysis Facility
- MK48
- ADCAP
- Tomahawk



- Weapons
- CM's
- Storm

B1346

Ships, Ranges, and other Land-Based Facilities

External Connectivity

- DREN
- SIPRNET
- ISDN
- WAIF
- DEP (Future)

ISDN to:

- Australia
- UK
- Canada

Industry:

- EB
- Raytheon
- Lockheed/Martin
- Sperry Marine
- Northrop Grumman

Underwater Tracking Ranges

- AUTEC
- AFWTF
- SCORE



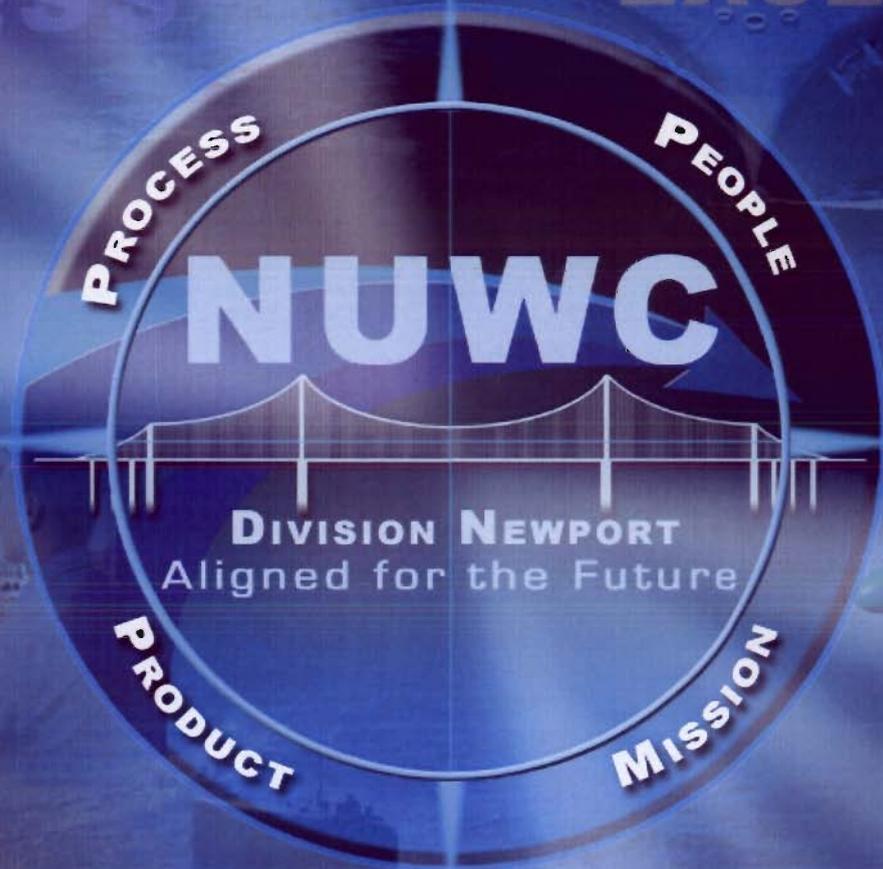
SUMMARY

NUWC MISSION

Operate the Navy's full spectrum research, development, test and evaluation, engineering, and Fleet support center for submarines, autonomous underwater systems, and offensive and defensive weapon systems associated with USW.

**THE
PROCESS**

EXCELLENCE



**UNDERSEA
WARFARE**

VISION