

Table of Contents

Our Claim to Fame	Page ii
Wrap Up	Page 1
In Memory	Page 2
Photo Gallery	Page 3
Face to the Fleet	Page 6
Noteworthy Visitors and Events	Page 9
Accolades	Page 12
Embracing the Community	Page 14

Our Claim to Fame

Since its inception in 1963, the men and women of the Port Hueneme Division, Naval Surface Warfare Center have dedicated themselves to supporting the Navy's surface fleet by providing the expertise for the safe and effective operation of warfare systems on United States Navy ships, as well as ships of several friendly nations.

PHD NSWC is the Navy's center of excellence for in-service

engineering and integrated logistics support for surface warfare combat and weapon systems. The command provides cradle-to-grave systems support that extends from the earliest design phase to the ultimate retirement of a surface weapon or combat system. These systems include the AEGIS combat system, ship defense systems such as the Rolling Airframe Missile and NATO Seasparrow,

ship missile systems such as Tomahawk, vertical and guided missile launching systems, gun weapon systems, combat direction software, and underway replenishment.

The scope of PHD NSWC's fleet support keeps the civilian and military workforce of scientists, engineers, logisticians, computer specialists, and administrative personnel challenged and committed to the needs of our Sailors at sea.

In the final year of the 20th century, PHD NSWC focused its technical capabilities on the battle force environment where speed and accuracy of communicating information among fighting units is vital to military superiority. The year also saw an increase in fleet support due to a rise in demand for combat systems grooms carried out by the highly skilled engineers and technicians at PHD NSWC.

The number of ships

visiting Port Hueneme for combat systems grooms grew tremendously in 1999 - an ever-increasing sign of the command's reputation for excellence in engineering, heritage of fleet support and critical contributions to the U.S. Navy.

PHD NSWC, whose mission is *to provide test and evaluation, in-service engineering, and integrated logistics support for surface warfare combat systems and sub-*

ments, and related expendable ordnance of the naval surface fleet, did not fall short of its 1999 naval objectives. With tremendous achievements in battle force engineering, interoperability, cooperative engagement capability, the distributed engineering plant, Sailor-to-engineer connectivity, theater ballistic missile defense, and logistics support, and with a watchful eye on total cost of ownership, the command lived up to its



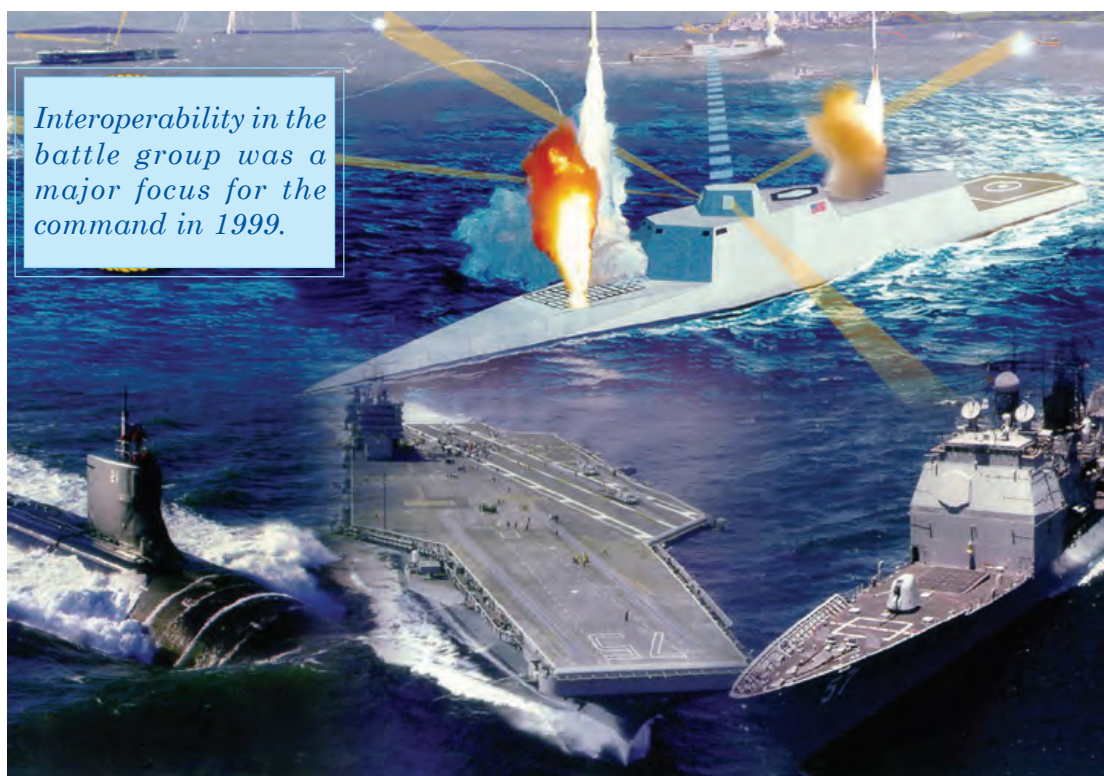
Sailor and PHD NSWC engineer fine tune equipment during groom on-board USS BUNKER HILL (CG 52).

vision of safe, effective, and affordable warfare systems that enable ships and Sailors to fight and win.

In the latter part of 1999, NAVSEA unveiled a new logo designed with important Navy tradition and forward-looking concepts. The capitalized letters of NAVSEA represent a major Navy command, which has contributed to America's defense with thousands of products and a host of talented, skilled, and dedicated people. The forward leaning of the letters represents the movement into the new century and its promise of greater strides in technology and efforts toward peace.



The new look has elements of the American fleet that operate world-



wide. The surface ship represents the future in surface and carrier aviation platforms with low profiles, advanced combat systems, high-speed per-

formance, and greater firepower. The missile arcing over the globe represents the sleek, lethal, high-speed weaponry and its systems support ready to

engage any potential adversary.

The logo carries with it the importance of the past and the visions of the 21st century.

Vice Admiral Eli T. Reich USN (1913-1999)

VADM Reich is considered by many as the founder of the Naval Surface Warfare program. He was the vision, the inspiration, and the driving force behind what would eventually become PHD NSW. The Surface Warfare Engineering Facility at the Port Hueneme harbor entrance bears his name.

He was 86 when he died on 30 November 1999. Political and military leaders, dignitaries, and those who knew him from around the nation gathered at his memorial service, held at Arlington National Cemetery, to pay final homage.

In his early naval years, he was captain of the legendary World War II submarine *Sealion*, which fired upon a Japanese convoy consisting of the battleships *Konga*

and *Haruna*, two cruisers, and two destroyers heading for Leyte Gulf. After firing from six bow tubes, he swung the *Sealion* around, pointing the stern tubes at the second battleship. Sitting on the surface, with his engines stopped to prevent swirls from the propellers from affecting his torpedoes, he fired three more shots. After the initial attack, he pursued the remaining ships, running his engines at 25% overload, until the Japanese convoy split up. Once more he set in for the attack, positioning *Sealion* ahead of his target. The resulting explosions aboard the battleship *Konga* lit up the midnight sky and sent her to the bottom joining the destroyer, *Urakaze*.

On another voyage, *Sealion* sank four more

enemy ships in the Yellow Sea, and later sank a freighter and the 1300-ton minelayer, *Shirataka*. After sinking the *Ryuku Maru*, enroute to the Japanese home islands, his crew rescued 54 Australian and English prisoners-of-war from waters coated with burning oil.

For his actions and daring bravery during a ten-month period in 1944, he was awarded the Navy Cross - the highest military decoration for valor after the Congressional Medal of Honor. In lieu of a second and then a third Navy Cross, he was twice presented a Gold Star. The narratives accompanying the awards included phrases such as, "series of eight aggressive and well-executed torpedo attacks," "skillfully launched smashing torpedo attacks," and "successfully penetrating strong enemy escort screens... launched two surface torpedo attacks." He liked operating on the surface waters where, despite the additional danger, he could pursue his quarry at greater speed.

After retiring from the Navy following 38 years of decorated service, he was named director of the Emergency Energy Allocations Program. He subsequently



VADM Eli T. Reich, founder of the Naval Surface Warfare Program.

did consulting work on weapons systems acquisitions, shipbuilding, and mobilization planning.

He was once described as a "crusty three-star admiral" by nationally syndicated columnists. VADM Reich was reported to have said, "I don't give a damn about the public image. We're not here to create an image. We're here to do a job - my way. And that's the military way."

VADM Reich did not allow Japanese battleships, burning oil fires, or bureaucracy to stand in the way of his vision. Whether it was firing torpedoes from a surface position, or implementing his programs in logistics, weapons, or testing, VADM Reich kept his ultimate goal in his sights - never wavering, never retreating.

He may be gone, but his legend and his legacy live on.

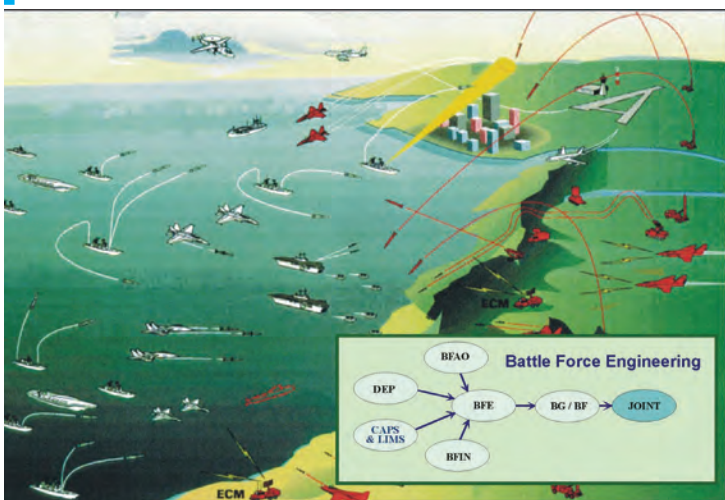


VADM Reich at SWEF dedication ceremony in 1986.



...the end of
a century

Dedicated to the task of battle force engineering, PHD NSWC continued finding solutions to battle force issues in 1999. The command made tremendous strides in creating a seamless interconnectivity of combat and C4I systems throughout the units in the battle force. Solutions included a multi-faceted list of leading edge communications, engineering, and logistics efforts designed to effectively counter threats and deploy of offensive and defensive weapons.



Surface Maintenance Effectiveness Reviews Accelerate

In 1999, PHD NSWC continued its participation in NAVSEA's Surface Maintenance Effectiveness Review (SURFMER) program whereby unnecessary or ineffective surface ship preventive maintenance tasks are eliminated. The program's primary objective is to decrease the Planned Maintenance System workload burden and associated costs, particularly at the shipboard level, without affecting the ship's mission, readiness, or personnel safety. Cost effectiveness and consistency of tasks between ship classes are also evaluated and entered into the reduction process.

PHD NSWC accelerated the program's review cycle to meet a CNO mandated reduction of 30 percent by 15 September 1999. Accelerated SURFMER cycles were put into action, shortening cycles to two months and reviewing up to six systems per cycle. To date, PHD NSWC has analyzed 14 cognizant systems, trained 47 personnel in the principles of Reliability Center Maintenance methodology, and achieved a 61 percent reduction in man-hours since inception of the program in 1996.



RADM Meyer, center, delivers BFIC dedication speech.

Battle Force Information Center Opens

Initial operating capability of the Rear Admiral Wayne E. Meyer Battle Force Information Center (BFIC) was achieved in 1999 - an event hosted by RADM Wayne E. Meyer (ret) and CAPT Ernest L. Valdes, former Chief Engineer, PHD NSWC.

In the words of CAPT Valdes, the purpose of the BFIC is to "provide a central location for supporting Battle Force Interoperability and fleet readiness for safe and effective warfare systems, and to serve as a single entry point for fleet engineering support. This is accomplished in three ways, integrated and tailored for our customers:

1. Sailor-to-Engineer Connectivity

2. Battle Force Interoperability Information Network
3. Safe and Effective warfare system assessments and metrics"

The opening of the BFIC resolved an outstanding issue of centrality. "Despite our broad understanding of engineering and logistics issues, we still did not have a solid grasp of the warfighting readiness of the fleet. We had engineering and logistics data and information that was fragmented and poorly organized...thanks to Admiral Meyer's words and direction...we have a place..." stated CAPT Valdes in his dedication speech.

Battle Force Action Officers Established

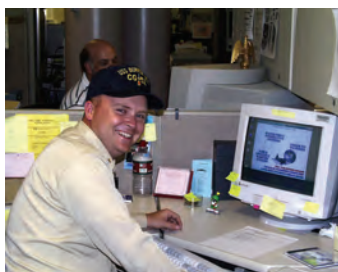
Battle Force Action Officers were established to coordinate and plan the resolution of the fleet's interoperability problems. Working with the battle force engineering teams, the ac-

tion officers provide a leadership role and single point of contact in solving technical and operational issues plaguing carriers, amphibious warships, and surface combatants.

Sailor-to-Engineer Web Site Makes Improvements

In 1999, the command participated in a proof-of-concept demonstration using connectivity to Sailors via on-line video tele-maintenance (VTM) through the Sailor-to-Engineer web page. Assistance by VTM was demonstrated on-board USS CONSTELLATION (CV 64) when engineers and Sailors were able to analyze and correct a problem with the NATO Seasparrow Missile System.

VTM technology has the potential to increase equipment up-time through virtual on-site assistance, and provide a cost savings through reduced travel



Sailors are pleased with the utility of Sailor-to-Engineer technology.

time and expenses. This technology is vital to ships of the 21st century, which will have reduced manning levels and more complex technology.

Features added to the Sailor-to-Engineer web site in 1999 included newsletters, technical points of contact, and answers to frequently asked questions. A search engine was added to allow faster query time.

Theater Ballistic Missile Defense Program Moves Forward

Effective August 1999, PHD NSWC stood up the Theater Ballistic Missile Defense system engineering organization unit, Code 4C07, to guide PHD NSWC's way in endo and exo-atmospheric missile defense.

Many successful test events were recorded in 1999, taking the TBMD program closer to reality. One critical event was the AEGIS Lightweight Exo-Atmospheric Projectile Intercept Program Control Test Vehicle (CTV-1A) flight test from USS SHILOH (CG 67). This event marked a milestone because it demonstrated the first shipboard launch of the Standard Missile-3 used for exo-atmospheric defense.



SM-3 fired from USS SHILOH (CG 67).

ACDS Block 1 Completes CEC Underway #8 Test

The Advanced Combat Direction System Block 1 (2.X.7) program completed the Cooperative Engagement Capability underway #8 testing in 1999.

The ACDS test team was comprised of representatives from Dam Neck, Raytheon, and C-Cubed Corporation. The ACDS program demonstrated excellent program and console reliability and significant improvements were observed in the areas of tactical picture coherency, automatic gridlock and correlation, and manageable operator alerts. Approximately ten trouble report corrections and three Engineering Change Proposals were implemented and validated during the test. Human machine interface improvements were validated to improve the operator situational awareness.

Distributed Engineering Plant Tests Successful

PHD NSWC continued its assistance in the Distributed Engineering Plant effort for testing Carrier Aviation Battle Group combat systems interoperability.

DEP is a network of combat system hardware-in-the-loop facilities capable of emulating the battle group with the identical combat system software programs utilized at sea.

DEP provides an initial land-based capability to identify and document interoperability deficiencies. The first test was planned and executed for the USS JOHN F. KENNEDY battle group in January 1999. Other successful tests included USS CONSTELLATION (Y2K only), USS EISENHOWER, and USS STENNIS (Y2K only) battle groups.

Safety, Effectiveness, and Affordability Reviews in Full Swing

Although established only months prior to 1999, the Safety, Effectiveness, and Affordability Reviews were in full swing by the start of the year. PHD NSWC successfully completed 14 system reviews for the year. With complete documentation of the assessments made

during the reviews, PHD NSWC can best understand how to produce the highest quality blend of products and services with the available resources, and determine where best to invest in process and product quality improvement for optimal return.

Cooperative Engagement Capability

Test events dominated the CEC program in 1999. In summer, the program's engineers successfully completed a development test (DTIID) involving USS WASP (LHD 1) and USS CAPE ST. GEORGE (CG 71) and an operational assessment with the E2C and USS ANZIO (CG 68). Also in the summer, CEC completed work-ups with the USS EISENHOWER (CVN 69) battle group prior to deployment. In the fall,



testing continued with CEC Baseline 2 and AE-GIS Baseline 6 Phase I on USS HUE CITY (CG 66) and USS VICKSBURG (CG 69). Successful underway periods were completed which puts the program in strategic position to meet its projected Operational Evaluation in spring of 2001.

Test Measurement and Diagnostic Equipment Program is Reengineered

As the selected ISEA, PHD NSWC supported NAVSEA's effort to reengineer the Test Measurement and Diagnostic Equipment (TMDE) Program. As NAVSEA's technical agent, the command focused on the execution of reengineering initiatives to streamline the TMDE organization and its processes. Infrastructure streamlining identified and eliminated redundant roles and nonessential tasks for the ISEA and field activities. These efforts resulted in the reduction of requisite field activities supporting the NAVSEA TMDE Program from seven to four.

Upgrade Made to NATO Seasparrow

A major baseline change to the NATO Seasparrow missile system took place in 1999 on the Self Defense Test Ship. The system was upgraded from the MK 57 configuration to the Rearchitected NATO Seasparrow configuration, which will be used to support the Evolved Seasparrow Missile test program in the year 2000, as well as the first fleet installation on USS IWO JIMA (LHD 7) in 2001.

Combat Systems Grooms Increase

What an unbelievable year! Eleven ships came to Port Hueneme for the technical expertise provided by our engineers, technicians, and logisticians. Here's the list in order of their arrival:

USS FORD (FFG 54), USS PORT ROYAL (CG 73), USS CURTS (FFG 38), USS SHILOH (CG 67), USS BUNKER HILL (CG 52), USS RUSSELL (DDG 59), USS MCCLUSKY (FFG 41), USS SIDES (FFG 14), USS ANTIETAM (CG 54), USS CROMMELIN (FFG 37), and USS HARPERS FERRY (LSD 49).

A groom provides ships with combat, weapon, and underway replenishment system evaluations and logistic support reviews. All systems are inspected, repaired, calibrated, and brought up to operational readiness. The grooms also include operational, maintenance, tactical, and safety training. PHD NSWC experts evaluate



Grooms enable Sailors and engineers to work side-by-side to share information.

a ship's systems as they work side-by-side with the crew in the three to five day visit to Port Hueneme. This communication between Sailors and our personnel is extremely important to ensure the onboard systems operate properly, and are as safe and effective as possible.

While in port, the visiting ships welcomed aboard visitors from the command and the local community. The popularity of ship tours is illustrated by the 1999 figures, which show a total of 6,880 guests.



Groom in progress onboard USS CROMMELIN (FFG 37).



Face painting was a popular event at Family Day.

much more. The day's celebration was a big thank you to the command's employees for their hard work and continued efforts in supporting the surface fleet.

36th Anniversary/ Family Day

PHD NSWC celebrated 36 years of dedication to the fleet with a Family Day event, which provided music, entertainment, dunking booths, food, tours, and

Battle Force Information Center Dedication

The opening of the Battle Force Information in March was hosted by the man for whom the center is named - RADM Wayne E. Meyer (ret) and the then Chief Engineer, CAPT Ernest L. Valdes. This event marked a major milestone in the efforts to successfully achieve battle force interoperability and fleet



RADM Meyer shakes hands with CAPT Ernest Valdes at BFIC dedication.

readiness for safe, effective and affordable warfare systems.



RADM Paige cuts the ribbon of newly renovated engineering building.

Louisville Celebration

PHD NSWC Louisville Detachment celebrated its continued tradition and presence in the local area and the newly renovated Louisville Detachment Engineering Building. RADM Kathleen Paige and local dignitaries were on hand for the ceremony. The mayor's proclamation of "Naval Surface Warfare Center, Port Hueneme Division, Louisville Detachment Day," demonstrated the detachment's significance to the community.

Dam Neck/Newport News Shipbuilding sign Memorandum of Agreement

PHD NSWC Dam Neck and Newport News Shipbuilding (NNS), the Commonwealth of Va., signed a Memorandum of Agreement (MOA) to begin a public-private sector cooperative agreement. Signing the MOA paves the way for NNS employees, the U. S. Navy, several research universities and private contractors to come together for technological research, development, testing and evaluation for the fleet. The teaming of these two superior organizations along with their academic partners will result in safer, more effective and more affordable tactical systems for the Navy and its allies.



The Hermosuras are pinned.

Wife/Husband Chief Advancement

In an unprecedented NAVSEA event, Dam Neck's own Radioman 1st Class Michele A. Hermosura was promoted to the rank of Radioman Chief (RMC) at the same time that her husband, Radioman 1st Class (SW/AW) Narcel M. Hermosura (stationed onboard USS NASSAU LHA-4) was promoted.



Commanders' Forum VII/New NAVSEA Logo

A new logo for the Naval Sea Systems Command was unveiled at the Commanders' Forum VII held locally in November. The new logo is specifically designed to encapsulate the past and acknowledge the Navy's advances in technology for the future.



CAPT (Sel) Bernard Cramp

New CHENG

Although not new to PHD NSWC, CAPT (Sel) Bernard Cramp became the command's new Chief Engineer in July 1999, replacing CAPT Ernest Valdes. As the new Chief Engineer, he stated that PHD NSWC must apply combat systems engineering disciplines to the battle force and reexamine the installation and fleet maintenance processes in light of supporting NAVSEA's D-30 directive.

Visiting Dignitaries



RADM Rempt speaks to PHD NSW employees.

RADM Rodney Rempt, Deputy Assistant Secretary of the Navy for Theater Combat Systems, was the first visitor of the year. He held an All Hands and expressively presented the *Cornerstones of Theater Air Defense*.



RADM Wayne E. Meyer (ret) conducts Warfighting Leadership forum.

RADM Wayne E. Meyer held an *Engineering and Warfighting Leadership Forum* at PHD NSW in conjunction with the ribbon cutting ceremony at the Battle Force Information Center in March.

RADM George Yount, Deputy Commander for Engineering, NAVSEA, visited Port Hueneme in July. He toured the BFIC and other command sites, and was given an overview of the command's accomplishments and future direction.



RADM Yount (standing) speaks to officers in the BFIC.



CAPT Phillips (right) briefs visitors from CINCPACFLT.

Visitors from CINCPACFLT staff toured the Naval Base Ventura County stopping at PHD NSW for a pierside briefing by CAPT Phillips in front of the Self Defense Test Ship.



DD 21 guests are briefed in the BFIC by CAPT(Sel) Cramp. In September, former DD 21 Technical Director CAPT Kenneth Webb, current DD 21 Technical Director CAPT James R. Wilkins III, and John Ryan, all from PMS 500T, visited PHD NSW for a debrief on the command's role in the DD 21 program.

RADM Herbert Kaler, Director of the Joint Theater Air and Missile Defense Organization, visited the command and gave a presentation on Joint Interoperability Initiatives, which included a vision of the year 2010 Joint Theater Air Missile Defense.



RADM Paige

RADM Kathleen K. Paige visited PHD NSW in September in conjunction with her visit to the Engineering Duty Officer School anniversary celebration. She received numerous briefs and presentations in the Battle Force Information Center, including demonstrations of Sailor-to-Engineer Connectivity, Battle Force Information Network, and Capabilities and Limitations.

Visiting PHD NSW for the first Battle Force Interoperability In-Process Review was RADM Mike Mathis, NAVSEA 05.

Individual Awards

NAVSEA 1999 Sailor of the Year Award

OS1 (SW/AW) Richard Campbell, PHD NSWC Dam Neck, received the coveted NAVSEA Sailor of the Year Award for 1999. The award was achieved based on a long list of professional achievements, community involvement, and personal characteristics. One of the key points in his nomination package includes his work on the CEC program as a system test specialist and says that his professionalism, dedication, and technical expertise were critical to the successful CEC



OS1 Campbell receives award from VADM George P. Nanos, Jr., Commander, Naval Sea Systems Command.

OPEVAL. He is now in pursuit of the 1999 CNO Naval Shore Sailor of the Year Award.

Community Recognition

The annual California Society of Professional Engineer (Santa Barbara and Ventura Counties) awarded two top honors to PHD NSWC; one to Greg Tomczyk, logistics employee, who received recognition for his work in Integrated Management Systems and the other to the Self Defense Test Ship (SDTS).

The SDTS, which won

in the category of Engineering Project of the Year, was recognized for the efforts of project personnel in providing the Navy with a safe and cost-effective test platform for its self defense weapon systems.

PHD NSWC employee, Sam Hobel, and his wife, received the Ventura County Cultural Diversity "Hero Award" and a Cer-

Excellence Award

Wayne Schneider, PHD NSWC engineer, was honored with a Theatre Surface Combatants Excellence Award for his work as Test and Evaluation Coordinator for the Naval Surface Fire Support System Performance and Integration Division. The award recognized the recipient's contributions in coordinating the System Test Program for the Ex-

tended Range Guided Munitions, the 5"/62 Enhanced Gun, the MK 160 Gun Weapon System, and the Naval Fire Control System.



Wayne Schneider receives award from CAPT James Phillips.

tificate of Appreciation from the California House of Representatives in appreciation of their community service promoting the positive aspects of cultural diversity.



Self Defense Test Ship



Greg Tomczyk receives award for Integrated Management Systems.

Naval Awards

The Office of Naval Research "Cheapskate Prize for Affordability" went to Charles Boyle, UNREP engineer, for his work as part of a team that developed a metal having unusual properties. The use of the new metal will save the UNREP Department a substantial amount in

maintenance costs.

Ernest Dahl, PHD NSWC engineer, was the recipient of a special NAVSEA 03Z41, Central Technical Authority for Submarine Batteries, award for his part in the design and production of an advanced battery design that can be easily monitored when in-

stalled onboard a submarine.

Richard Oropeza, PHD NSWC engineer, received a Letter of Appreciation from the Department of the Navy recognizing his work with DON's Advisory Council on Hispanic Employment.



Richard Oropeza is recognized for work with DON advisory council.

*Individual Awards,
continued*



James O'Neill receives Civilian Tester of the Year Award.

Civilian Tester of the Year for 1999

James O'Neill, PHD NSW engineer, received the National Defense Industrial Association's 1999 Civilian Tester of the Year Award in recognition of his dynamic leadership, technical skills, and professional judgment demonstrated during Ship Self Defense System MK 1, Rolling Airframe Missile Block 1, and Close in Weapon System Block 1B testing aboard the Self Defense Test Ship.

Hammer Award

Norman L. Rogers, PHD NSW Dam Neck, received Vice President Al Gore's prestigious Hammer Award for his contribution to the Miniature/Microminiature Module Test and Repair Program Team. The Repair Program saves valuable time and resources as it tells the Sailor at sea how to repair circuitry.

Group Awards

EEO Awards

PHD NSW employees were honored with Special Recognition Awards from the Commanding Officer and EEO Officer of the Naval Construction Battalion Center for their contributions to several successful EEO events celebrated by the Ventura County Naval Complex.

Several employees received EEO Special Recognition Award Certifi-

cates for their yearlong efforts to uphold EEO guidelines. Individuals who had contributed at least two years of service to EEO projects received the most prestigious award, the EEO Achievement Plaque.

AEGIS and Theater Surface Combatants Excellence Awards

Personnel from PHD NSW and Lockheed

Martin who comprised the AEGIS Interactive Technical Manual (IETM) Team won the AEGIS Excellence Award. The IETM Team successfully supported the AEGIS Light Off on USS OSCAR AUSTIN (DDG 79) with the first set of IETMs for operation and maintenance of the AEGIS Weapon System. The team converted over 25,000 pages of technical information to electronic format.

Teams and individuals received Theater Surface Combatants Excellence Awards in recognition of their outstanding performance and support. Logistics personnel received AEGIS Excellence Awards for their outstanding performance in providing logistics support.



EEO award recipients, April 1999



Recipients of Theater Surface Combatants Excellence Awards for outstanding performance and support.

Recognition Letters and Plaques

CDR, Norfolk Naval Shipyard issued a Letter of Appreciation to a group of PHD NSWC employees for their dedicated efforts and technical expertise for work onboard USS ARTHUR W. RADFORD (DD 968).

Both the Site Director and the Major Caliber Gun Division Head of the Louisville Detachment received plaques and Letters of Appreciation from the Commanding Officer, NSWC Indian Head.

Employees of the Cooperative Engagement Capability Program (CEC) received Letters of Appreciation from PHD NSWC's Chief Engineer

and the Executive Director in recognition of their participation in the CEC Development Test/Operational Test preparation.

Recognition awards were presented to PHD NSWC employees for

their contributions to the Test Measurement and Diagnostic Equipment Program. Plaques were presented to employees by the NAVSEA Test Measurement and Diagnostic Equipment Program Manager.



Test Measurement and Diagnostic Equipment employees receive recognition awards.



CEC outstanding performance award recipients.

Academic Achievement

California Lutheran University School of Business recognized PHD NSWC and several employees for their involvement and support of academic achievement. PHD NSWC was acknowledged for its support of higher education, while five employees who completed at least 27 credits of the MBA program with a minimum GPA of 3.75 were also honored.

Web Site Awards

Once again, PHD NSWC Dam Neck web site developers won recognition for their outstanding work. The site's redesign by an integrated project team working group resulted in six awards: the 9 Star Award (from zoo.net), the Critical Mass Award (from atlantic.net), the A+ Approved Web Design Award (from tripod.com), the Gold Exceptional Site Award, the Gold Excellence Award (Micron Tech.Corp), and the Best of the BEST.

Fleet support is our heritage

Equipment Donations

PHD NSWC donated electronic equipment to the Ventura County Community College District Foundation. The District used the equipment to transform the instructional lab at Oxnard College into a training center. The donation is a part of a two-year agreement, under which the Navy will donate a total of 96

individual pieces of electronic equipment to the foundation.

PHD NSWC Dam Neck donated four computer systems to the AARP Tax Aid Program in Portsmouth, Va. The computers are used to help tax counselors provide faster service and tax return checks to the public.



PHD NSWC and local school officials finalize equipment donation program.

CFC Campaign

CAPT James Phillips served as Chair of the 1999 Combined Federal Campaign in which the Naval Base Ventura County raised over \$517,000 in pledges and contributions.



PHD NSWC employee donates blood during blood drive event.

Homeless Event

Twenty PHD NSWC employees volunteered at the Ventura County Stand Down for homeless veterans. Command personnel helped with services and information for the homeless vets who had come for the three-day event that provided them with meals, medical care, clothing and a place to sleep.

Blood Drive

For the 11th year, PHD NSWC participated in the Ventura County Blood Drive, which held four donation sessions throughout the year. PHD NSWC contributes an average of 500 pints of blood per year to the county blood bank.

Working with Schools

The Pre-Engineering Partnership Program, in its second year at PHD NSWC, ran two twelve-week sessions for selected high school juniors and seniors seeking practical life applications of their math and science skills. PHD NSWC engineers volunteered their time and expertise to teach the weekly classes.



Students participate in the Pre-Engineering Partnership Program.

Six PHD NSWC engineers participated in the Second Annual Pre-Engineering Forum held at Oxnard High School, an evening in which students, parents, and teachers learned what it takes to become an engineer.



PHD NSWC employee speaks to students.

The Annual PHD NSWC College Fair provided all Ventura County Naval Base employees and their families an opportunity to meet with representatives of four-

teen area colleges and universities.

Several PHD NSWC employees took part in the annual Career Day at Oxnard High School, speaking with students about their careers as engineers.

Volunteers from PHD NSWC participated in the 27th annual Ventura County Science Fair by serving as judges of student entries that were submitted in accordance with the command's vision of safe and effective warfare systems. PHD NSWC awarded three prizes to entries in the science fair and personally presented them at the recipients' schools.



PHD NSWC presented an award to a science fair participants.

PHD NSWC personnel volunteered in the Hispanic Employment Program's tutoring program at Frontier High School. Tutors provided extra help with math, science, English and history assignments. PHD NSWC employees also tutored throughout the year at Fred L. Williams Elementary School.

