Naval Surface Warfare Center
Port Hueneme Division

COMMAND OVERVIEW

CAPT Cord Luby
Commanding Officer
Naval Surface Warfare Center
Port Hueneme Division
16 NOV 2016

Distribution Statement A: Approved for Public Release; Distribution is unlimited
Mission Statement:

NSWC PORT HUENEME DIVISION
Commitment to the
Principles of Operational Excellence

Integrity
Do the right thing. Adhere to the highest ethical standards at all times.

Level of Knowledge
Know your job, people and procedures. Never stop learning.

Procedural Compliance

Formal Communications
Use clearly-stated and standardized language that minimizes misunderstanding.

Questioning Attitude
Speak up, ask, investigate when you sense or know something is not right.

Forceful Backup
Reinforce what you know is right. Say something and/or take action when you know something is wrong.

Risk Management
Identify, understand and mitigate risk.

These principles apply to every activity at all times. Following and adhering to these seven tenets will ensure safe and successful mission execution no matter your role or experience.
Port Hueneme Division
Who We Are

Civilians - 2,244
Long-Term Technical Accountability
Essential Core Skills and Expertise

Civilian Education Level
- Associate, 6.0%
- Bachelors, 46.0%
- Masters, 18.5%
- Doctorate, 0.5%

Civilian Occupational Distribution
- Scientists & Engineers, 43.0%
- Business Support, 22.0%
- Technician, 19.0%
- Logistician, 16.0%

Military Members - 27 Officers, 52 Enlisted

Bring Fleet Perspective and Experience
Gain Technical Leadership Expertise

Industry - 1,074

Complement Government Knowledge Base
Critical Industrial and Product Development Services
Port Hueneme Division
What We Do

- AEGIS Combat System
- Ballistic Missile Defense (BMD)
- Cooperative Engagement Capability (CEC)
- Battle Force Interoperability
- DDG 1000
- Evolved NATO SeaSparrow Missile (ESSM)
- Guided Missile Launching Systems
- HARPOON Weapon System
- Directed Energy Laser
- Integrated Auto Detect & Tracking System
- LCS Combat System
- US Coast Guard
- MK 160 Fire Control System
- MK 92 Fire Control System
- NATO SeaSparrow Missile System
- Rolling Airframe Missile System
- Surveillance / Search Radars
- Ship Self Defense System (SSDS)
- Standard Missile
- Target Acquisition System
- TOMAHAWK Weapon Control System (All Variants) and TOMAHAWK All Up Round
- Underway Replenishment
- Vertical Launching System
Port Hueneme Division
Where We Are

PHD Personnel Deployed: 130 • Distance Support: 90 • CASREPS: 454 • Engineering Investigations: 1

Supporting The Fleet Worldwide
Port Hueneme Division
Technical Capabilities

PH01 - Strike Force Interoperability and Theater Warfare Systems
PH02 - Surface Combat Systems
PH03 - Surface Weapon Systems
PH04 - Underway Replenishment Systems
PH07 - Surface Missile Launcher Systems
PH08 - Radar System
PH09 - Directed Energy and Electric Weapon Systems
PH10 - Littoral Mission Module
PH11 - BMD T&E Specialized Target Vehicle Development, Integration & Deployment
<table>
<thead>
<tr>
<th>Quarter</th>
<th>FY 15</th>
<th>FY 16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quarter 1</td>
<td>$26,188,490</td>
<td>$28,972,636</td>
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<tr>
<td>Quarter 2</td>
<td>$35,675,710</td>
<td>$48,178,289</td>
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<td>Quarter 3</td>
<td>$40,677,250</td>
<td>$72,670,437</td>
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<td>Quarter 4</td>
<td>$77,343,986</td>
<td>$96,751,670</td>
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<tr>
<td>Total</td>
<td>$179,885,436</td>
<td>$246,573,031</td>
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</table>
# Small Business Achievements By Awarding Organization Report – FPDS-NG

<table>
<thead>
<tr>
<th>Category</th>
<th>FY 15 Targets</th>
<th>FY 15 Achievements</th>
<th>FY 16 Targets</th>
<th>FY 16 Achievements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small Business (all SB categories)</td>
<td>46.83%</td>
<td>47.05%</td>
<td>51.16%</td>
<td>51.54%</td>
</tr>
<tr>
<td>Small Disadvantaged Business</td>
<td>13.28%</td>
<td>9.34%</td>
<td>10.64%</td>
<td>9.91%</td>
</tr>
<tr>
<td>Woman-Owned Small Business</td>
<td>7.20%</td>
<td>8.61%</td>
<td>9.38%</td>
<td>14.48%</td>
</tr>
<tr>
<td>HUBZone Small Business</td>
<td>0.69%</td>
<td>2.24%</td>
<td>2.45%</td>
<td>1.78%</td>
</tr>
<tr>
<td>Service Disabled Veteran-Owned Small Business</td>
<td>7.98%</td>
<td>2.84%</td>
<td>3.09%</td>
<td>11.89%</td>
</tr>
</tbody>
</table>
# Small Business Achievements – Last 6 Years

<table>
<thead>
<tr>
<th>NSWC PHD HISTORICAL DATA</th>
<th>FY 11</th>
<th>FY 12</th>
<th>FY 13</th>
<th>FY 14</th>
<th>FY 15</th>
<th>FY16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small Business Category</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Small Business (SB) - Includes all categories</td>
<td>26.93%</td>
<td>30.59%</td>
<td>31.44%</td>
<td>46.78%</td>
<td>49.40%</td>
<td>51.54%</td>
</tr>
<tr>
<td>Small Disadvantaged Business (SDB)</td>
<td>5.27%</td>
<td>8.68%</td>
<td>8.93%</td>
<td>14.30%</td>
<td>11.67%</td>
<td>9.91%</td>
</tr>
<tr>
<td>Woman-Owned Small Business (WOSB)</td>
<td>5.59%</td>
<td>6.82%</td>
<td>6.14%</td>
<td>6.22%</td>
<td>8.89%</td>
<td>14.48%</td>
</tr>
<tr>
<td>HUBZone</td>
<td>0.38%</td>
<td>0.41%</td>
<td>0.22%</td>
<td>0.77%</td>
<td>2.24%</td>
<td>1.78%</td>
</tr>
<tr>
<td>Service Disabled Veteran-Owned Small Business (SDVOSB)</td>
<td>4.28%</td>
<td>4.39%</td>
<td>5.41%</td>
<td>8.47%</td>
<td>5.19%</td>
<td>11.89%</td>
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</table>
NISE Program

Research and Development of technologies for military missions:
Innovative basic and applied research, development programs that support the transition of technologies, and workforce development activities to increase scientific and engineering expertise.

Thrust Areas
- Connectivity & Surveillance
- Cyber Security
- Artificial Intelligence
- Materials
- Logistics / Ops Research
- Directed Energy
- Distance Support
Working Together

- Licensing
- Cooperative Research and Development Agreement (CRADA)
- Commercialization
- Rapid Prototyping “Speed to Market”
Corporate Operations Department

Mission Statement
Direct, manage and execute business related functions in support of the command mission

SPONSORS
- Command
- HQ

EMERGING PROGRAMS
- Common Organization
- Infrastructure
- Cybersecurity
Code 10 Organization

Corporate Operations Department
(Code 10)
Ms. Dayle Cummings (1/1/0)
Deputy Ops
(Code 10B)
Mr. Dave Scheid (1/0/1)

128 Civilians,
73 Contractors,
21 Vacancies+

Human Resources Division
Code 101 (18/4/2)

Infrastrucure Division
Code 102 (19/16/3)

Corporate Communications
Div Code 103 (6/1/1)

Information Technology Division
Code 104 (28/34/8)

Security Division
Code 105 (19/3/1)

Corporate Business Division
Code 109 (13/3/2)

Property Management Division
Code 107 (14/10/2)

Planning, Policy, and Analysts
Code 1011

Facilities Code 1021

Congressional & Public Affairs Code 1031

IT Operations Code 1041

Security Policy & Programs Code 1051

Corporate Planning Code 1061

Purchase Requisitions Code 1071

Recruiting and Student Outreach
Code 1012

Infrastructure Support Code 1022

Graphics & Imaging Code 1032

IM Customer Services Code 1042

Emergency Management Code 1052

ERP Extended Business Office Code 1062

Supply Code 1072

Staffing and Classification
Code 1013

Environmental Code 1023

Technical Information Library Code 1033

IA Compliance Code 1043

Special Programs Code 1053

Metrics, Analysis and Data Calls Code 1063

General Equipment Code 1073

Labor and Employee Relations
Code 1014

Safety Code 1024

Records Mgmt Forms & Directives Code 1064

7 Divisions / 9 Managers
25+ Branches / 5 Supervisors & 10 Leads

Distribution Statement A: Approved for Public Release, Distribution is unlimited
Department Key Challenges

- Space management (seats, labs, warehousing)
  - Design reviews
  - Infrastructure refurbishment
  - Contracting

- Managing functional gaps (government/contractor)

- Workforce recruitment and development
  - Demographics / Pipeline
  - Cybersecurity certifications (government/contractor)

- Automation of processes

- Audits and risk assessment (IT, Security, Inventory)
Naval Surface Warfare Center
Port Hueneme Division

Office of Engineering and Technology

CAPT Vincent S. Chernesky  
Chief Engineer

Noel Camanag  
Director

PORT HUENEME

16 November 2016
Office of Engineering and Technology

Mission Statement

SPONSORS
- PEO IWS 1, 7
- NAVSEA 05
- COMPACFLT, RMC
- ONR

PROGRAMS
- Cyber Security
- Fleet Support
- Program Management Representatives
- Strike Group Engineering
- Strike Group Interoperability Caps & Limbs
- Solid State Laser-Technology Maturation
- Surface Team -1

Personnel:
Military: 4
Contractor: 15
Civilian: 79
Mission Areas

- Provide Combat System In-Service Engineering Leadership
- Systems Engineering, T&E Competencies
- Fleet Advocacy
- Innovation and Technology Development
- Advanced Program Incubation
- Technical Capability Stewardship
- Intelligence Operations
- Cybersecurity of Combat Systems
Mission & Focus Areas

Vision
Drive Affordable Readiness through Product Support excellence.

Mission
Plan, provide, and innovate Product Support competencies, infrastructure, policies and processes that enable our customers to deliver and sustain safe, effective, and affordable surface warfare systems.

Focus Areas
- Become a designated Product Support Center of Excellence
- Cultivate, equip, and sustain a skilled Product Support workforce
- Lead Product Support Innovation and Change
- Establish and maintain effective communication and partnerships
- Improve PSO Operational Effectiveness
# Programs/Sponsors

<table>
<thead>
<tr>
<th>Program / Project</th>
<th>Sponsor</th>
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<tbody>
<tr>
<td>Command Technical Data – Naval Systems Data Support Activity (NSDSA)</td>
<td>NAVSEA.06L- Surface Ships</td>
</tr>
<tr>
<td></td>
<td>PEO SUBS</td>
</tr>
<tr>
<td></td>
<td>PEO CARRIERS</td>
</tr>
<tr>
<td></td>
<td>SPAWAR</td>
</tr>
<tr>
<td>Enterprise Product Lifecycle Management Integrated Decision Environment (ePLM IDE)</td>
<td>IWS 2.0</td>
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<tr>
<td></td>
<td>US ARMY CECOM,</td>
</tr>
<tr>
<td></td>
<td>MARCORSYSCOM</td>
</tr>
<tr>
<td>Engineering Support Request (DLA 339)/Navy Technical Referral</td>
<td>DLA</td>
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<tr>
<td></td>
<td>NAVSUP WSS</td>
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Current Priorities

• Strengthening the Acquisition Logistics Workforce (BBP 3.0)

• Tech Manual Management Program (TMMP) – NSDSA (NAVSEA 06)

• ePLM IDE Development and Implementation (IWS 2.0, CECOM)

• Warfare Center Logistics Community of Practice (CoP) Leadership

• Programmatic Support, Engagement and Consulting
  • CVN-78 and Dual-Band Radar
  • AN/SLQ-32(V)6 (IWS 2.0 and NSWC Crane)
  • Air and Missile Defense Radar (AMDR)

• Technology Roadmap Alignment (OET and CTO)
Naval Surface Warfare Center
Port Hueneme Division

Air Dominance Department

CDR Brian Phillips
Department Officer

Chesley “Kyle” Bell
Department Manager

16 November 2016

Distribution Statement A: Approved for Public Release; Distribution is unlimited
Air Dominance Department

Mission Statement: We provide quality systems engineering, logistics, technical expertise, industrial expertise and management to aggressively improve Fleet readiness, and relentlessly improve and modernize the delivery, quality, and cost of our services. We will develop and maintain strong relationships with our customers and pursue new technologies to better support them. We will invest in our people to sustain and expand Air Dominance Department Competencies.

SPONSORS
- PEO IWS 1.0
- PEO IWS 2.0
- PEO IWS 3.0
- PEO IWS 3D
- PEO IWS 4.0
- PEO IWS 6.0
- PEO IWS 7.0
- PEO IWS 10.0
- PEO IWS 11.0
- PEO IWS 12.0
- PEO SHIPS
- MDA
- SEA21
- PMS 470
- FLEET

DELIVERY
- 86 Aegis Ships
- 23 Non-Aegis CEC Ships
- 27 E-2C
- 19 E-2D
- 22 FMS Ships
- 69 Non-Aegis FMS Ships
- 20 Coast Guard
- 11 CEC Land-Based Test Sites
- 3 Land Mobile Units
- A Dept executes $255M annually

Personnel:
- Civilian: 856
- Military: 18
- Contractors: 106

Distribution Statement A. Approved for Public Release; Distribution is unlimited.
Air Dominance Programs

- Combat System Life Cycle Support
- System Engineering
- T&E
- Integrated Logistics Support
- Maintenance & Modernization
- Capabilities and Limitations

Aegis Combat System

- In-Service Engineering
- T&E
- Combat Systems & Sensors

Ballistic Missile Defense

- Combat System Sustainment
- System Engineering
- T&E
- Integrated Logistics Support
- Ship Integration
- Capabilities and Limitations

MK 41 and
MK 57 VLS Development & Life Cycle Support
USN & Allied

Cooperative Engagement Capability

Launching Systems
Air Dominance Programs

Aegis Ashore
- Weapon System Installation / Integration
- System Engineering
- T&E
- Integrated Logistics Support (ILS)
- Romania On-Site Support
- Poland Planning

Advanced Radars
- Integrated Product Support
- Test and Evaluation
- AMDR/DBR/EASR

Missiles
- All Up Rounds
  - SM-2/SM-3/SM-6
  - ESSM
  - Griffin
- Capabilities & Limitations

NIFC-CA
- Engineering Integration
- Test Support
What Can Industry Do For Air Dominance Department

- Air Dominance Department is currently in the process of developing contract vehicles to assist us in the following areas:
  - Test and Evaluation
    - CSSQT/BMD
  - Integrated Product Support
    - DMS/RMA
    - Technical Writers
    - Weapons Integration
  - ORDA VT Installation and Checkout
  - System Engineering
  - Baseline Development
  - General Fleet Support
Naval Surface Warfare Center
Port Hueneme Division

Littoral and Strike Warfare Department

LCDR Sarah Rice
Department Officer

Jeffrey Koe
Department Manager

16 November 2016

Distribution Statement A: Approved for Public Release; Distribution is unlimited
Littoral and Strike Warfare Department

- Littoral Combat Ship
  - Lead all Test and Evaluation efforts
  - Combat System Platform ISEA
  - Ship New Construction and Modernization
  - Total Ship Computing Environment
  - Mission Packages (SUW/MCM/ASW)
  - Mission Package Support Facility

- DDG 1000
  - Lead all Test and Evaluation efforts
  - Ship New Construction
  - Mission System Equipment Installation and Testing
  - Total Ship Computing Environment

- Coast Guard (NSC/OPC)
  - Lead all Test and Evaluation efforts
  - In-Service Engineering Efforts
  - Design and Development (Off Shore Patrol Cutters)
Littoral and Strike Warfare Department

- **Tomahawk**
  - Fleet Support (24/7)
  - System Engineering
  - Hardware Design/Production
  - Installation/Design Services
  - Software Production/Delivery
  - Product Support Management THAWK/DDG 1000 Integration

- **Gun Fire Control System (MK 160/86, MK 20/46)**
  - Fleet Support Services
  - System Engineering
  - Software Delivery and Maintenance
  - Test and Evaluation
  - Modernization/Installation Services
  - Integrated Product Support

- **Harpoon (HSCLCS)**
  - Fleet Support Services
  - FMS Installations
  - Integrated Product Support
Key Technical Challenges

- Cybersecurity
- Test and Evaluation
- Waterfront Efforts
- Mission Module Readiness Centers
Naval Surface Warfare Center
Port Hueneme Division

Ship Defense and Expeditionary Warfare and Land & Sea Test Departments

Tim Jones
Department Manager

16 November 2016
Mission Statement
We provide quality In-Service Engineering (ISE), Test and Evaluation (T&E) and Integrated Product Support (IPS) for Ship Defense Systems, Surveillance Radars and Underway Replenishment (UNREP) in Carrier, Amphibious and Surface Combatant Ships.

SPONSORS / SYSTEMS
- PEO IWS 2 → Above Water Sensors
- PEO IWS 6 → Command & Control
- PEO IWS 10 → SSDS
- PEO IWS 10F → SSDS Fleet Readiness
- PEO IWS 11 → RAM
- PEO IWS 12 → NSPO
- PMS 312 → In-Service Carriers
- PMS 377 → New Construction Amphib LHX (R)
- PMS 378 → New Construction CVN 78
- PMS 385 → UNREP Strategic & Theatre Sealift
- PMS 407 → In-Service Amphibs
- PMS 417 → LPD17 / LX (R)
- MSC → UNREP
- USMC → G/ATOR

EMERGING PROGRAMS
- Laser Weapon Systems
- Advanced UNREP Designs
- Enterprise Air Surveillance Radar (EASR)
Mission Statement
Provide integrated land and sea based test facilities and engineering/technical services. We strive to continuously improve the effectiveness, efficiency and overall affordability of current and future testing and evaluation of combat systems.

SPONSORS
- PEO IWS 1, 2, 3, 7
- MDA
- OSD/SCO
- NASA
- DARPA
- WFPP

EMERGING PROGRAMS
- Standard Missile
- Rail Gun
- AMDR
- LRASM
- SDTS (DDG 1000)
- ARAV
- Solid State Laser
- Bio Fuel
Department Key Challenges

- Obtaining contracting talent in the cyber security area

- Ability to provide timely response to the increasing Fleet OPTEMPO; increasing ISEA OCONUS delivery need

- Adequate capability and capacity to achieve optimum readiness for In-Service Radar Systems and Ballistic Missile Targets

- Robust ISEA Support capabilities for Advanced Radar Systems emerging technologies

- Adequate capacity for OPTEMPO of modernization efforts
Naval Surface Warfare Center
Port Hueneme Division

Legal Update

John Davis
Counsel

16 November 2016

Distribution Statement A: Approved for Public Release; Distribution is unlimited
ICI Services Corp., B-411812, B-411812.2 (September 21, 2015)

- NAVSEA HQ solicitation identified 22 key personnel.

- ICI’s proposal rejected for failing to demonstrate minimum qualifications for two of the key positions.
  - Public Affairs Analyst: required DoD experience
  - Administration Analyst: required Microsoft Office experience

- Where a solicitation states that the qualifications of key personnel will be evaluated, and a proposal fails to demonstrate that key personnel hold qualifications that the solicitation requires them to possess, the proposal may be evaluated as unacceptable.
Subpart 9.505 of the FAR sets forth two underlying principles intended to guide the Government in avoiding OCIs. These are:

(a) Preventing the existence of conflicting roles that might bias a contractor’s judgment, and

(b) Preventing unfair competitive advantage.

Generally, Government Accountability Office (GAO) decisions pertaining to organizational conflicts of interest can be broadly categorized into three groups:

(1) unequal access to information cases,

(2) impaired objectivity cases, and

(3) biased ground rules cases.
Unequal Access to Information

- An OCI due to unequal access to information is created when a contractor has access to nonpublic information which may provide the firm an unfair competitive advantage in a later competition for a government contract.

- Possible to mitigate through firewalls, etc.

- AT&T Government Solutions, Inc., B-413012, B41302.2 (July 28, 2016)
  - Unequal access OCI where proposed subcontractor possessed source selection information in execution of duties under another contract.
Impaired Objectivity

• An OCI due to impaired objectivity exists where a firm's ability to render impartial advice to the Government would be undermined by its competing interests.

• This conflict contains two elements:
  • the use of subjective judgment by the contractor, and
  • whether a contractor has a financial interest in the outcome of its performance.
Impaired Objectivity (Continued)

- Subjective judgment – look to statement of work for tasks such as: analyze; develop recommendations; develop strategies; and provide advice.
  - For example, where the contractor is responsible for determining what maintenance is required or how well the maintenance is to be performed.
NCI Information Systems, B-412870.2 (October 14, 2016)

- Under the task order, the contractor would manage all existing infrastructure and systems, and would use subjective judgment to provide technical expertise to the Government concerning better use of existing resources, new IT and telecommunication equipment and system selection, and technology refresh activities.

- GAO found impaired objectivity OCI because awardee was in a position to recommend products manufactured by its parent company.
Biased Ground Rules

• An OCI due to biased ground rules is created when a firm, as part of its performance of a government contract, has in some sense set the ground rules for another government contract.

• For example, helping develop the statement of work or the specifications.

• The primary concern is that the firm could skew the future competition, whether intentionally or not.
NSWC PHD OCI Policy

- Expect NSWC PHD OCI policy to be issued shortly that is similar to Office of Naval Research policy

- Be cognizant of NAVSEA OCI clauses

- Pick one side of the fence or the other
Naval Surface Warfare Center
Port Hueneme Division

Contracting

Jeff Allen
Chief Contracting Officer

16 November 2016
Agenda

• Overview

• 2016 Strategic Goals with Achievements

• Long Range Acquisition Forecast
Overview

• Staffing Stabilized
  • Key leadership positions
  • Authorization Hiring nearly complete
  • Hired 5 interns, 2 graduated and hired into workforce

• Strong Execution Year

• PSP moved to June 2017

• Seaport-e expires in 2019
  • Awards can be made on the last day
  • Next Generation Seaport in Process/POA&M
  • Substantially the same
  • Potential changes
  • Activity level decisions on whether or not Seaport is best choice
  • Mandatory, waivers, zone presence, bucketing functional areas, requiring verifiable past performance, etc.
NSWC PHD Strategic Goals

GOAL #1: Meet customer requirements in timely and effective manner.
- 32 Large Contract Awards; $606M
- 35 Task Order Awards, 199 Modifications
- 341 SAP Awards; $18.5M

GOAL#2: Invest-in acquisition workforce.
- FY16 & FY17 Training Plan
- DAU Mission Assistance
- Weekly “Acquisition Academy” … Acquisition Wide Participation

GOAL#3: Establish standardized policies and processes.
- Wrote 30+ Policy & Process Documents (QAGs)
- Established a policy distribution system
- Refined and improved our Contract Review Board Process
- Conducted two quarterly Internal Self Assessments (File Reviews)

GOAL#4: Promote teaming and pride of ownership.
- Conducted a PHD Acquisition Strategic Planning Offsite in March of 2016
Service Contracts Days to Award

Reasons for Delay

- Delay in getting SEA02 approvals: 29%
- Difficulty developing SOW: 14%
- Excessive rework: 29%
- Personnel turnover: 28%
Long Range Acquisition Forecast

• Long Range Acquisition Forecast (See Plan)
• Quarterly Revisions / Updates
• Format - Suggestions

• http://www.navsea.navy.mil/Home/WarfareCenters/NSWCPortHueneme/Partnerships.aspx