

# 2012 COMMAND POCKET GUIDE

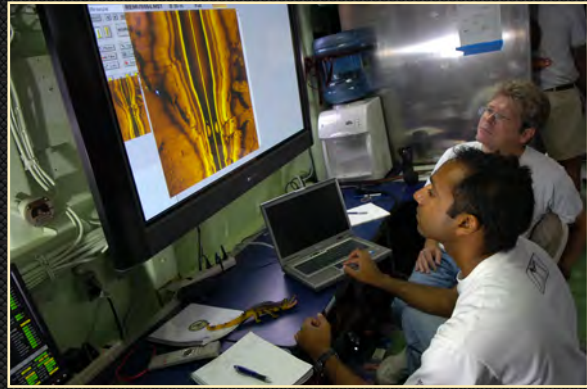
THE COMPLETE DIRECTORY TO THE  
NAVAL SEA SYSTEMS COMMAND



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*“Properly exercising Technical Authority (TA) is critical to achieving execution excellence, and ensuring compliance to requirements and regulations. By establishing, monitoring and approving technical standards, tools and processes, TA ensures uniformity, consistency and quality of our products and services. It also lays the ground work for safe, effective and reliable operational performance of our platforms, systems and crews, and ensures technical standards, tools and processes are in conformance with higher level policies and requirements. It establishes and ensures adherence to standards and policies, and provides a range of technically acceptable alternatives that incorporate risk and value assessments.”* – Vice Adm. Kevin McCoy, NAVSEA Commander

# Get to know NAVSEA

## OVERVIEW

We engineer, build, buy and maintain ships, submarines and combat systems for the U.S. Navy. With a budget of nearly \$30 billion, NAVSEA accounts for one-quarter of the Navy's entire budget.

NAVSEA manages more than 150 acquisition programs and is responsible for establishing and enforcing technical authority in ship and combat system design and operation. NAVSEA also manages foreign military sales cases for the construction and modernization of ships and ship systems.

Headquarters Command Staff and Directorates: NAVSEA headquarters provides policy, guidance, oversight and support in the areas of financial management, contracting, logistics/ maintenance/industrial operations, engineering, undersea warfare, corporate operations, information technology, legal support and security.

Program Executive Offices (PEOs): NAVSEA's affiliated PEOs — PEO Ships, PEO Submarines, PEO Aircraft Carriers, PEO Littoral Combat Ship, and PEO Integrated Warfare Systems — are responsible for the development and acquisition of Navy and Marine Corps platforms and weapons systems. They report to the Assistant Secretary of the Navy for Research, Development and Acquisition for acquisition-related matters and to the NAVSEA commander for planning and execution of in-service support.

Naval Shipyards and Regional Maintenance Centers: Owned by the Fleet and operated by NAVSEA, the four Naval Shipyards — Portsmouth, Norfolk, Puget Sound and Pearl Harbor — maintain, repair, modernize, inactivate, dispose of, and provide emergency repair to U.S. Navy ships, systems and components. The Regional Maintenance Centers — CNRMC, NSSA, SERMC and SWRMC — provide ship repair, industrial, engineering and technical support services for ships, including procurement and administration of contracts for ship maintenance and modernization. These centers also train Sailors in the maintenance and repair of shipboard systems and components.

Supervisors of Shipbuilding (SUPSHIPS): NAVSEA's four SUPSHIPS—Bath, Groton, Gulf Coast and Newport News —execute shipbuilding contracts as Administrating Contract Offices and provide oversight of cost, schedule and quality for Navy new construction ship-building assigned to our industry partners.

NAVSEA Warfare Centers: The Naval Surface Warfare Center (NSWC) and the Naval Undersea Warfare Center (NUWC) are technical institutions dedicated to sustaining warfighting readiness. Warfare center scientists and engineers at 10 divisions across the United States provide expertise in support of research, development, test and evaluation, engineering and Fleet support.

Other Field Activities: NAVSEA also directs several field activities that support the warfighter in a myriad of areas, including ship life cycle management, ordnance safety and security, experimental diving, submarine maintenance, logistics and testing of surface combat systems.

To access 2012 NAVSEA Pocket Guide online, visit [www.navsea.navy.mil/PocketGuide.aspx](http://www.navsea.navy.mil/PocketGuide.aspx).

NAVSEA is comprised of approximately 60,000 civilian and military personnel in 34 activities located across the United States and Asia.

# NAVSEA FACILITIES

## CALIFORNIA

- Naval Surface Warfare Center Corona
- Naval Surface Warfare Center Port Hueneme
- Southwest Regional Maintenance Center

## CONNECTICUT

- Supervisor of Shipbuilding, Groton

## FLORIDA

- Naval Surface Warfare Center Panama City
- Navy Experimental Diving Unit
- Southeast Regional Maintenance Center

## HAWAII

- Pearl Harbor Shipyard & Intermediate Maintenance Facility

## INDIANA

- Naval Surface Warfare Center Crane

## LOUISIANA/MISSISSIPPI

- Supervisor of Shipbuilding, Gulf Coast

## MAINE

- Portsmouth Naval Shipyard
- Submarine Maintenance Engineering, Planning and Procurement Activity
- Supervisor of Shipbuilding, Bath

## MARYLAND

- Naval Ordnance Safety & Security Activity
- Naval Surface Warfare Center Carderock
- Naval Surface Warfare Center Indian Head
- Naval Surface Warfare Center Naval Explosive Ordnance Disposal Technology Division

## NEW JERSEY

- Aegis Technical Representative

## PENNSYLVANIA

- Naval Foundry and Propeller Center
- Naval Sea Logistics Center
- Naval Surface Warfare Center Carderock – Ship Systems Engineering Station

## RHODE ISLAND

- Naval Undersea Warfare Center Headquarters
- Naval Undersea Warfare Center Newport

## SOUTH CAROLINA

- Naval Nuclear Power Training Unit

## VIRGINIA

- AEGIS Ballistic Missile Defense
- Naval Surface Warfare Center Dahlgren
- Combat Direction Support Activity Dam Neck
- Norfolk Naval Shipyard
- Norfolk Ship Support Activity
- Commander, Regional Maintenance Center
- Supervisor of Shipbuilding, Newport News
- Surface Combat Systems Center
- Surface Maintenance Engineering, Planning Program

## WASHINGTON, D.C.

- Naval Sea Systems Command Headquarters
- Naval Surface Warfare Center Headquarters
- Program Executive Offices

## WASHINGTON

- Puget Sound Naval Shipyard & Intermediate Maintenance Facility
- Naval Undersea Warfare Center Keyport



# NAVSEA DIRECTORATES

Naval Sea Systems Command Headquarters  
1333 Isaac Hull Avenue SE, Bldg. 197  
Washington Navy Yard, D.C. 20376

## SEA 00

Commander: Vice Adm. Kevin McCoy  
Telephone: 202-781-0100

## SEA 09

Vice Commander:  
Rear Adm. John Clarke Orzalli (retires May 2012)  
Rear Adm. Michael E. Jabaley (assumes office July 2012)  
Telephone: 202-781-0104

## SEA 00B

Executive Director: Brian Persons  
Telephone: 202-781-0102

## SEA 01

Comptroller: Maggie Maguire (SES)  
Telephone: 202-781-2954

## SEA 02

Contracts  
Director: Jerome Punderson (SES)  
Telephone: 202-781-3915  
Associate Director: Capt. Brett Sturken  
Telephone: 202-781-2934

## SEA 04

Logistics, Maintenance & Industrial Operations  
Deputy Commander: Rear Adm. Joseph Campbell  
Telephone: 202-781-3890  
Executive Director: Sharon Smoot (SES)  
Telephone: 202-781-3830



## SEA 05

Naval Systems Engineering Directorate  
Chief Engineer: Rear Adm. Thomas Eccles  
Telephone: 202-781-1710  
Executive Director: Michael Kistler (SES)  
Telephone: 202-781-1725

## SEA 07

Undersea Warfare  
Deputy Commander: Rear Adm. David Duryea  
Telephone: 202-781-4001  
Executive Director: Steve Schulze (SES)  
Telephone: 202-781-1171

## SEA 10

Total Force & Corporate Operations  
Deputy Commander: Peggy Harrell (SES)  
Telephone: 202-781-4118  
Executive Director: Susan Roden  
Telephone: 202-781-1406

## SEA 21

Surface Warfare  
Deputy Commander: Rear Adm. James J. Shannon  
Telephone: 202-781-3895  
Executive Director: Bilyana Anderson (SES)  
Telephone: 202-781-2963



# PROGRAM EXECUTIVE OFFICES

1333 Isaac Hull Avenue SE, Bldg. 197  
Washington Navy Yard, D.C. 20376  
Tel: 202-781-0000

## **PEO Aircraft Carriers**

Program Executive Officer: Rear Adm. Thomas Moore  
Tel: 202-781-2949  
Executive Director: Bill Deligne (SES)  
Tel: 202-781-2951

## **PEO Integrated Warfare Systems (IWS)**

Program Executive Officer: Rear Adm. James D. Syring  
Tel: 202-781-2964  
Executive Director: Christopher Deegan (SES)  
Tel: 202-781-0959

## **PEO Littoral Combat Ship (LCS)**

Program Executive Officer: Rear Adm. James Murdoch  
Tel: 202-781-3900  
Executive Director: E. Anne Sandel (SES)  
Tel: 202-781-3900

## **PEO Submarines**

Program Executive Officer: Rear Adm. David Johnson  
Tel: 202-781-4003  
Executive Director: Gloria Valdez

## **PEO Ships**

Program Executive Officer: Rear Adm. David Lewis  
Tel: 202-781-2941  
Executive Director for Combatants: Bilyana Anderson  
Executive Director  
for Amphibious & Auxiliary: Jay Stefany

# NAVSEA FIELD ACTIVITIES

## **Aegis Ballistic Missile Defense**

Director: Rear Adm. Joseph Horn  
Tel: 540-663-1700  
17211 Avenue D  
Dahlgren VA 22448-5148

## **Aegis Technical Representative**

Commander: Capt. Scott Carlson  
Tel: 856-722-2424  
199 Borton Landing Road  
P.O. Box 1015  
Moorestown, NJ 08057

## **Naval Ordnance Safety & Security Activity**

Commander: Capt. Jason Gilbert  
Tel: 301-744-6003  
3817 Strauss Avenue, Suite 108, Bldg D323  
Indian Head, MD 20640-5151

## **Naval Sea Logistics Center**

Commander: Capt. Brian Drapp  
Tel: 717-605-2711  
5450 Carlisle Pike  
P.O. Box 2060  
Building #307  
Mechanicsburg, PA 17055-0795

## **Navy Experimental Diving Unit**

Commander: Cmdr. Keith Lenhard  
Tel: 850-230-3150  
321 Bullfinch Road  
Panama City, FL 32407-7015

## **Submarine Maintenance Engineering Planning & Procurement Activity**

Executive Director: Tim Bassett  
Tel: 207-438-6200  
Portsmouth Naval Shipyard  
Bldg 86, McDonough Ave  
Portsmouth, NH 03804-2500

## **Surface Combat Systems Center**

Commander: Capt. John Keegan  
Tel: 757-824-2087  
30 Battle Group Way  
Wallops Island, VA 23337-5000

## **Surface Maintenance Engineering Planning Program**

Director: Capt. Michael Malone  
Tel: 757-967-3432  
Bldg 13, 2nd Deck  
Norfolk Naval Shipyard  
Portsmouth, VA 23709-5000

# NAVSEA WARFARE CENTERS

## Surface Warfare Center Headquarters

Web: [www.navsea.navy.mil/nswc](http://www.navsea.navy.mil/nswc)

Tel: 202-781-1720

Commander: Rear Adm. Jim Shannon  
1333 Isaac Hull Avenue SE  
Washington Navy Yard, D.C. 20376

## Carderock

Web: [www.navsea.navy.mil/nswc/carderock](http://www.navsea.navy.mil/nswc/carderock)

Tel: 301-227-1515

Commander: Capt. Heide Stefanshyn-Piper  
9500 MacArthur Boulevard  
West Bethesda MD 20817-5700

## Ship Systems Engineering Station

Web: [www.navsea.navy.mil/nswc/carderock](http://www.navsea.navy.mil/nswc/carderock)

Tel: 215-897-7005

Commander: Capt. JD (Dave) Gombas  
5001 South Broad Street  
Bldg 4, 3<sup>rd</sup> Floor  
Philadelphia PA 19112-1403

## Corona

Web: [www.navsea.navy.mil/nswc/corona](http://www.navsea.navy.mil/nswc/corona)

Tel: 951-273-5123

Commander: Cmdr. Eric Ver Hage  
P.O. Box 5000  
Corona CA 92878-5000

## Crane

Web: [www.navsea.navy.mil/nswc/crane](http://www.navsea.navy.mil/nswc/crane)

Tel: 812-854-1210

Commander: Col. A.M. (Alan) Pratt (USMC)  
300 Hwy 361  
Crane IN 47522-5001

## Dahlgren

Web: [www.navsea.navy.mil/nswc/dahlgren](http://www.navsea.navy.mil/nswc/dahlgren)

Tel: 540-653-8101

Commander: Capt. Michael H. Smith  
6149 Welch Road Suite 203  
Dahlgren VA 22448-5130

## Combat Direction Systems Activity Dam Neck

Web: [www.navsea.navy.mil/nswc/damneck](http://www.navsea.navy.mil/nswc/damneck)

Tel: 757-492-6311

Commander: Capt. Stephen Kelley  
1922 Regulus Avenue  
Virginia Beach VA 23461-2097

## Indian Head

Web: [www.navsea.navy.mil/nswc/indianhead](http://www.navsea.navy.mil/nswc/indianhead)

Tel: 301-744-4401

Commander: Capt. Andrew Buduo III  
3767 Strauss Ave, Ste 113, Bldg 20  
Indian Head MD 20640-5150

## Naval Explosive Ordnance Disposal

Web: [www.navsea.navy.mil/nswc/eodtechdiv](http://www.navsea.navy.mil/nswc/eodtechdiv)

Tel: 301-744-6803

Commander: Capt. Thomas Smith  
2008 Stump Neck Road  
Indian Head MD 20640-5070

## Panama City

Web: [www.navsea.navy.mil/nswc/panamacity](http://www.navsea.navy.mil/nswc/panamacity)

Tel: 850-234-4201

Commander: Capt. E.S. (Scott) Pratt  
110 Vernon Avenue  
Panama City FL 32407-7001

## Port Hueneme

Web: [www.navsea.navy.mil/nswc/porthueneme](http://www.navsea.navy.mil/nswc/porthueneme)

Tel: 805-228-8238

Commander: Capt. William Debow  
4363 Missile Way  
Port Hueneme CA 93043-5007

## Undersea Warfare Center Headquarters

Web: [www.navsea.navy.mil/nuwc](http://www.navsea.navy.mil/nuwc)

Tel: 202-781-2314

Commander: Rear Adm. Thomas Wears  
1176 Howell Street  
Newport RI 02841-1708

## Newport

Web: [www.navsea.navy.mil/nuwc/newport](http://www.navsea.navy.mil/nuwc/newport)

Tel: 401-832-3344

Commander: Capt. Todd Cramer  
1176 Howell Street  
Newport RI 02841-1708

## Keyport

Web: [www.navsea.navy.mil/nuwc/keyport](http://www.navsea.navy.mil/nuwc/keyport)

Tel: 360-396-2340

Commander: Capt. Stephen Iwanowicz  
610 Dowell Street  
Keyport WA 98345-7610

# NAVAL SHIPYARDS

## Norfolk Naval Shipyard

Web: [www.navsea.navy.mil/shipyards/norfolk](http://www.navsea.navy.mil/shipyards/norfolk)

Tel: 757-396-9333

Commander: Capt. Mark Bridenstine

Code 100

Portsmouth VA 23709-5000

## Pearl Harbor Naval Shipyard & IMF

Web: [www.navsea.navy.mil/shipyards/pearl](http://www.navsea.navy.mil/shipyards/pearl)

Tel: 808-474-9119

Commander: Capt. Brian Osgood

667 Safeguard Street Suite 100

Pearl Harbor HI 96860-5033

## Portsmouth Naval Shipyard

Web: [www.navsea.navy.mil/shipyards/portsmouth](http://www.navsea.navy.mil/shipyards/portsmouth)

Tel: 207-438-2700

Commander: Capt. Bryant Fuller

Code 100 PAO

Portsmouth NH 03804-5000

## Puget Sound Naval Shipyard & IMF

Web: [www.navsea.navy.mil/shipyards/puget](http://www.navsea.navy.mil/shipyards/puget)

Tel: 360-476-3161

Commander: Capt. Mark Whitney

1400 Farragut Ave.

Bremerton WA 98134-5001

# SUPERVISORS OF SHIPBUILDING

## SUPSHIP Bath

Web: [www.navsea.navy.mil/supship/Bath](http://www.navsea.navy.mil/supship/Bath)

Tel: 207-442-2253

Commander: Capt. Robert Crowe

547 Washington Street

Bath ME 04530

## SUPSHIP Groton

Web: [www.navsea.navy.mil/supship/Groton](http://www.navsea.navy.mil/supship/Groton)

Tel: 860-433-2459

Commander: Capt. Darlene Grasdock

73 Eastern Point Road

Groton CT 06340-4909

## SUPSHIP Gulf Coast

Web: [www.navsea.navy.mil/supship/GulfCoast](http://www.navsea.navy.mil/supship/GulfCoast)

Tel: 228-769-4247

Commander: Capt. Stephen Mitchell

P.O. Box 7003

Pascagoula MS 39568-7003

## SUPSHIP Newport News

Web: [www.navsea.navy.mil/supship/NewportNews](http://www.navsea.navy.mil/supship/NewportNews)

Tel: 757-380-4221

Commander: Capt. Kevin Terry

4101 Washington Avenue Bldg 2

Newport News VA 23607-2787

# REGIONAL MAINTENANCE CENTERS

## Naval Regional Maintenance Center

Tel: 757-443-2650 x 4420

Commander: Rear Adm. (sel.) David Gale

9170 2nd St.

Building CEP200, Suite 245

Norfolk VA 23511

## Norfolk Ship Support Activity

Commander: Capt. William Galinis

Tel: 757-443-3872 x4006

Attn: Code 1131

9727 Avionics Loop

Norfolk, VA 23511

## Southeast Regional Maintenance Center

Web: [www.sermc.surfor.navy.mil](http://www.sermc.surfor.navy.mil)

Tel: 904-270-5126

Commander: Capt. Ronald Cook

1488 Massey Avenue

Jacksonville FL 32228-0057

## Southwest Regional Maintenance Center

Web: <http://swrmc.ahf.nmci.navy.mil>

Tel: 619-556-0326

Commander: Capt. Michael Wiegand

Attn: 100

3755 Brinser Street Suite 1

San Diego CA 92136-5299



# NAVSEA WARRANTED TECHNICAL AUTHORITIES

## How to contact someone on this list

Call 1(202) 781-0000. Press "2" when prompted. Type in the contact's last name and first name using one press per letter (ie. you do **not** have to press "3" three times for the letter "F") followed by "#." Example: To contact Smith, John, you would press: "7,6,4,8,4,5,6,4,6,#." If that does not work, try the last name only. If it still doesn't work, contact 202-781-1673 for help.

To view the SEA 05 Technical Authority chart, visit:

[www.navsea.navy.mil/Media/SEA05\\_%20Tech\\_authority.pdf](http://www.navsea.navy.mil/Media/SEA05_%20Tech_authority.pdf)

### Abbreviations:

**CHENG** – Chief Engineer  
**CSE** – Chief Systems Engineer  
**TDM** – Technical Domain Manager  
**SDM** – Ship Design Manager  
**CEM** – Cost Engineering Manager  
**WSIM** – Warfare Systems Integration Manager

<u>TECHNICAL DOMAINS AND WARRANTED TECHNICAL AREAS dated 31 January 2012</u>	<u>TECHNICAL AUTHORITY</u>	<u>TECHNICAL DOMAIN</u>
<b>NAVSEA CHENG (SEA 05)</b>	<u>Eccles, T. J. Rear Adm.</u>	<b>NAVSEA</b>
<b><u>CSE, CARRIERS (SEA 05V)</u></b> SEA 05V (Aircraft Carrier Design and Systems Engineering) serves as the Navy's technical authority for aircraft carrier research and development, design, planning, construction, overhaul, in-service engineering, inactivation, test and solving emergent technical issues.	<u>Barron, Claude</u>	<b><u>CSE Carriers</u></b>
<u>SDM - Atlantic In-Service Carriers</u>	<u>Vazquez, Brian Cmdr.</u>	<u>CSE Carriers</u>
<u>SDM - Pacific In-Service Carriers</u>	<u>Strickler, Jon</u>	<u>CSE Carriers</u>
<u>SDM - CVN 72 RCOH</u>	<u>Dickey, Ross</u>	<u>CSE Carriers</u>
<u>SDM - CVN 71 RCOH</u>	<u>Lewis, Edward A.</u>	<u>CSE Carriers</u>
<u>SDM - CVN 78</u>	<u>Kadala, Edward</u>	<u>CSE Carriers</u>
<u>SDM - CVN 79</u>	<u>Cecchetti, Jon</u>	<u>CSE Carriers</u>
<u>Waterfront CHENG - Norfolk NSY</u>	<u>Peters, Mark H.</u>	<u>CSE Carriers</u>
<u>Waterfront CHENG - Puget Sound NSY and IMF and Northwest RMC</u>	<u>Gillespie, Eric</u>	<u>CSE Carriers</u>
<u>Waterfront CHENG - Ship Repair Facility Yokosuka and Japan RMC</u>	<u>Seymour, Brennon</u>	<u>CSE Carriers</u>
<u>Waterfront CHENG - SUPSHIP Newport News</u>	<u>Hedgepeth, Stephen A.</u>	<u>CSE Carriers</u>
<b><u>CSE, INTEGRATED WARFARE SYSTEMS (IWS) (SEA 05H)</u></b> SEA 05H (Integrated Warfare Systems Engineering) serves as the Navy's technical authority for ship warfare systems & interior communications and related human systems integration and test & evaluation including interoperability.	<b><u>Hamburger, Patricia S.</u></b>	<b><u>CSE IWS</u></b>

# NAVSEA WARRANTED TECHNICAL AUTHORITIES

<u>SIM - Integrated Combat Systems - Surface Ships</u>	<u>Davidson, Karole</u>	<u>CSE IWS</u>
<u>SIM - Above Water Sensors - Surface Ships</u>	<u>Yost, Shelly</u>	<u>CSE IWS</u>
<u>SIM - Weapons - Surface Ships</u>	<u>Reed, Sean</u>	<u>CSE IWS</u>
<u>SIM - Undersea Systems - Surface Ships</u>	<u>Majumdar, WindyJoy</u>	<u>CSE IWS</u>
<u>SIM - Command and Control Systems - Surface Ships</u>	<u>Scaramozzi, Tony</u>	<u>CSE IWS</u>
<u>SIM - Amphibious &amp; Auxiliary Ship Warfare Systems</u>	<u>Reynolds, H. D. Doug</u>	<u>CSE IWS</u>
<u>SIM - Aircraft Carrier Warfare Systems</u>	<u>Fulford, Derek</u>	<u>CSE IWS</u>
<u>SIM - DDG 1000 Class Warfare Systems</u>	<u>McCord, Michael</u>	<u>CSE IWS</u>
<u>SIM - DDG 51 / CG 47 Class Warfare Systems</u>	<u>Rickert, Walter K.</u>	<u>CSE IWS</u>
<u>SIM - DDG 51 Flight III Warfare Systems</u>	<u>Bunting, Patrick</u>	<u>CSE IWS</u>
<u>SIM - LCS, FFG, PC and Navy Owned USCG Warfare Systems</u>	<u>Best, Ellen M.</u>	<u>CSE IWS</u>
<u>In-Service Combat Systems - Aircraft Carriers</u>	<u>Ramirez, Jorge I.</u>	<u>CSE IWS</u>
<u>In-Service Combat Systems - CG 47 Class</u>	<u>O'Neill, John A.</u>	<u>CSE IWS</u>
<u>In-Service Combat Systems - DDG 51 Class</u>	<u>Camacho, Juan G.</u>	<u>CSE IWS</u>
<u>In-Service Combat Systems - FFG 7 Class</u>	<u>Vasiloff, Gary D.</u>	<u>CSE IWS</u>
<u>In-Service Combat Systems - L Class LHA, LHD, LSD 41/49, LPD 17</u>	<u>Childs, James</u>	<u>CSE IWS</u>
<p><b><u>CSE, LITTORAL AND MINE WARFARE (LMW) (SEA 05L)</u></b></p> <p>SEA 05L (Littoral &amp; Mine Warfare Design &amp; Systems Engineering) serves as the Navy's technical authority for Littoral and Mine Warfare (LMW) design, design tools, systems engineering in support of LMW systems acquisition. LMW systems requirements definition, concept development and validation, and technical control and oversight of the operating LMW systems fleet.</p>	<u>Kistler, Michael</u>	<b><u>CSE LMW</u></b>
<u>SDM - Remote Minehunting System</u>	<u>Waugh, David</u>	<u>CSE LMW</u>

# NAVSEA WARRANTED TECHNICAL AUTHORITIES

<u>SDM - Naval Special Warfare</u>	<u>Beard, Jeffrey</u>	<u>CSE LMW</u>
<u>SDM - Unmanned Maritime Vehicles</u>	<u>TBD</u>	<u>CSE LMW</u>
<u>SDM - JCREW/EOD</u>	<u>TBD</u>	<u>CSE LMW</u>
<u>SDM - LCS Mission Modules</u>	<u>Ellia, Matt Lt. Cmdr.</u>	<u>CSE LMW</u>
<u>SDM - Anti-Terrorism/Force Protection AT/FP - Surface Ships</u>	<u>Konerman, Michael</u>	<u>CSE LMW</u>
<u>SDM - Mine Warfare</u>	<u>TBD</u>	<u>CSE LMW</u>
<p><b><u>CSE, SHIPS (SEA 05D)</u></b>            SEA 05D (Surface Ship Design &amp; Systems Engineering) serves as the Navy's technical authority for naval surface ship design and total ship integration, ship synthesis and ship design tools, naval ship acquisition systems engineering, ship requirements definition, ship concept development, and ship concept validations.</p>	<b><u>White, Robin</u></b>	<b><u>CSE SHIPS</u></b>
<u>Maintenance and Modernization Engineering - In-Service Surface Ships</u>	<u>Coppeans, Walter Capt.</u>	<u>CSE SHIPS</u>
<u>SDM - Advanced Surface Ship Concepts</u>	<u>Wynn, Steve</u>	<u>CSE SHIPS</u>
<u>SDM - AGOR</u>	<u>Mackes, Joseph</u>	<u>CSE SHIPS</u>
<u>SDM - Combatant Craft and Boats</u>	<u>Whitford, Malcolm W.</u>	<u>CSE SHIPS</u>
<u>SDM - DDG 1000 Baseline Design</u>	<u>Higgins, Chris</u>	<u>CSE SHIPS</u>
<u>SDM - DDG 51 FLT IIA Restart (DDGs 112-121)</u>	<u>Potter, Patrick</u>	<u>CSE SHIPS</u>
<u>SDM - DDG 51 FLT III/Future Surface Combatant</u>	<u>Filling, James</u>	<u>CSE SHIPS</u>
<u>SDM - Egyptian FMC</u>	<u>Artze, Ceaser</u>	<u>CSE SHIPS</u>
<u>SDM - JHSV/High Speed Vessels</u>	<u>Austin, Trey</u>	<u>CSE SHIPS</u>
<u>SDM - In-Service CG</u>	<u>Grogan, Glen</u>	<u>CSE SHIPS</u>
<u>SDM - In-Service DDG</u>	<u>Tsao, Fred C.</u>	<u>CSE SHIPS</u>

# NAVSEA WARRANTED TECHNICAL AUTHORITIES

<u>SDM - In-Service FFG</u>	<u>Tait, Brian</u>	<u>CSE SHIPS</u>
<u>SDM - In-Service LCS 1</u>	<u>Fulton, John</u>	<u>CSE SHIPS</u>
<u>SDM - In-Service LCS 2</u>	<u>Pearce, Franklin D.</u>	<u>CSE SHIPS</u>
<u>SDM - In-Service LHD/LHA/LCC/AS/LPD 4</u>	<u>Kotacka, Rolk O.</u>	<u>CSE SHIPS</u>
<u>SDM - In-Service LPD 17</u>	<u>Ramsay, Robert</u>	<u>CSE SHIPS</u>
<u>SDM - In-Service LSD/MCM/MHC/PC/CONSTITUTION</u>	<u>Berberich, William G.</u>	<u>CSE SHIPS</u>
<u>SDM - LCAC and SSC</u>	<u>Mebane, Walter L.</u>	<u>CSE SHIPS</u>
<u>SDM - LCS Flt 0 Ship 1 - LM</u>	<u>Filiopoulos, George</u>	<u>CSE SHIPS</u>
<u>SDM - LCS Flt 0 Ship 2 - GD</u>	<u>Izenson, Shawn M.</u>	<u>CSE SHIPS</u>
<u>SDM - LHA(R) FLT 1 (LHA 8)</u>	<u>Ira, Doug</u>	<u>CSE SHIPS</u>
<u>SDM - LHA (R) FLT 0 (LHA 6&amp;7)</u>	<u>Higgins, Kerry</u>	<u>CSE SHIPS</u>
<u>SDM - LPD 17</u>	<u>Crowe, Pat</u>	<u>CSE SHIPS</u>
<u>SDM - MPFF- MLP</u>	<u>Proctor, Barry</u>	<u>CSE SHIPS</u>
<u>SDM - ONR Ship Programs</u>	<u>Chang, Jason</u>	<u>CSE SHIPS</u>
<u>SDM - T-AGM 25</u>	<u>Fink, Jeff</u>	<u>CSE SHIPS</u>
<u>SDM - T-AGS</u>	<u>Chang, Jason</u>	<u>CSE SHIPS</u>
<u>SDM - T-AGOS</u>	<u>Blecher, Kip</u>	<u>CSE SHIPS</u>
<u>SDM - T-AKE</u>	<u>Hatcher, Ed</u>	<u>CSE SHIPS</u>
<u>SDM - T-AOX</u>	<u>Smith, Mark</u>	<u>CSE SHIPS</u>

# NAVSEA WARRANTED TECHNICAL AUTHORITIES

<u>SDM - T-ATFX</u>	<u>Blecher, Kip</u>	<u>CSE SHIPS</u>
<u>SIM - Topside Design - Surface Ships</u>	<u>Kalnajs, Ansis</u>	<u>CSE SHIPS</u>
<u>Waterfront CHENG - Norfolk Ship Support Activity NSSA</u>	<u>Schmid, Phillip</u>	<u>CSE SHIPS</u>
<u>Waterfront CHENG - Southeast RMC</u>	<u>Caffey, John W.</u>	<u>CSE SHIPS</u>
<u>Waterfront CHENG - Southwest RMC</u>	<u>Fogelberg, Andrew</u>	<u>CSE SHIPS</u>
<u>Waterfront CHENG - SUPSHIP Bath</u>	<u>Warren, Richard L.</u>	<u>CSE SHIPS</u>
<u>Waterfront CHENG - SUPSHIP Gulf Coast</u>	<u>Dobbins, Porter</u>	<u>CSE SHIPS</u>
<p><b><u>CSE, SUBS (SEA 05U)</u></b>            SEA 05U (Submarine/Submersible Design &amp; Systems Engineering) serves as the Navy's technical authority for acquisition and in-service submarine, submersible, and submarine rescue design and systems in partnership with nuclear propulsion authority NAVSEA 08 and the Strategic Systems Program.</p>	<b><u>Richter, Wayne V.</u></b>	<b><u>CSE SUBS</u></b>
<u>Arrangements - Submarines</u>	<u>Miles, Teresa L.</u>	<u>CSE SUBS</u>
<u>SDM - Advanced Submarine Concepts</u>	<u>Mennitt, Stuart H.</u>	<u>CSE SUBS</u>
<u>SDM - DDS/Carry-on/Host Ship LOT, LOC, DDS</u>	<u>Tucker, Tamara</u>	<u>CSE SUBS</u>
<u>SDM - In-Service Submarines</u>	<u>Breslin, Michael</u>	<u>CSE SUBS</u>
<u>SDM - Moored Training Ship S6G</u>	<u>Jacobs, Daniel</u>	<u>CSE SUBS</u>
<u>SDM - OHIO Replacement</u>	<u>Conklin, James</u>	<u>CSE SUBS</u>
<u>SDM - Submarine Rescue</u>	<u>Shackleford, Gregory P.</u>	<u>CSE SUBS</u>
<u>SDM - Submarine TEMPALTS</u>	<u>Novak, Amy</u>	<u>CSE SUBS</u>
<u>SDM - VIRGINIA Class Cost Reduction and Block Upgrade</u>	<u>Ammeen, Edward S.</u>	<u>CSE SUBS</u>
<u>SDM - VIRGINIA Class Construction and Fleet Introduction</u>	<u>Cartwright, David A.</u>	<u>CSE SUBS</u>

# NAVSEA WARRANTED TECHNICAL AUTHORITIES

<u>SIM - Submarine Warfare Systems</u>	<u>Leathart, John</u>	<u>CSE SUBS</u>
<u>Submarine Safety SUBSAFE- Technical Requirements</u>	<u>Clark, Jeffrey</u>	<u>CSE SUBS</u>
<u>Waterfront CHENG - Pearl Harbor NSY and IMF and Hawaii RMC</u>	<u>Yim, Brian D.</u>	<u>CSE SUBS</u>
<u>Waterfront CHENG - Portsmouth NSY</u>	<u>MacGinnis, John A.</u>	<u>CSE SUBS</u>
<u>Waterfront CHENG - SUPSHIP Groton</u>	<u>Gentile, John D.</u>	<u>CSE SUBS</u>
<b><u>TDM. COST ENGINEERING (CE) (SEA 05C)</u></b> Sea 05C (Cost Engineering & Industrial Analysis) serves as the Navy's technical authority for cost engineering and industrial base analysis for ships, ship-related combat systems, and weapons.	<b><u>Sumrean, Nidak</u></b>	<b><u>TDM CE</u></b>
<u>CEM - Aircraft Carriers</u>	<u>Chewning, Irv</u>	<u>TDM CE</u>
<u>CEM - Amphibious, Auxiliary and Sea Lift Ships</u>	<u>Clarke, M. Scott</u>	<u>TDM CE</u>
<u>CEM - Industrial Planning and Analysis - NAVSEA</u>	<u>Pfeiffer, Lisa</u>	<u>TDM CE</u>
<u>CEM - Littoral and Mine Warfare, and LCS - NAVSEA</u>	<u>Lustre, Virginia A.</u>	<u>TDM CE</u>
<u>CEM - Submarines</u>	<u>Behning, Alan</u>	<u>TDM CE</u>
<u>CEM - Surface Combatants except LCS</u>	<u>Mondal, Abdul</u>	<u>TDM CE</u>
<u>CEM - Weapons Systems - NAVSEA</u>	<u>Parker, Bruce M.</u>	<u>TDM CE</u>
<b><u>TDM. EXPLOSIVE ORDNANCE ENGINEERING (EOE) (COMNSWC)</u></b>	<b><u>Shannon, James J. Rear Adm.</u></b>	<b><u>TDM EOE</u></b>
<u>Explosive Ordnance Disposal EOD</u>	<u>Briggs, A. N. Terry III</u>	<u>TDM EOE</u>
<u>Ordnance Packaging, Handling, Storage and Transportation</u>	<u>Zimms, Kenneth H.</u>	<u>TDM EOE</u>
<u>Small Arms and Weapons - NAVSEA</u>	<u>Zeller, Charles</u>	<u>TDM EOE</u>
<u>CAD/PAD Devices</u>	<u>Sturgill, Phillip</u>	<u>TDM EOE</u>

# NAVSEA WARRANTED TECHNICAL AUTHORITIES

<u>Propellants</u>	<u>TBD</u>	<u>TDM EOE</u>
<u>Explosives</u>	<u>TBD</u>	<u>TDM EOE</u>
<b><u>TDM. INDUSTRIAL ENGINEERING (IE) (SEA 04R)</u></b>	<b><u>Brice, James</u></b>	<b><u>TDM IE</u></b>
<u>Dry-docks</u>	<u>Ewell, Gregory S.</u>	<u>TDM IE</u>
<u>Metrology and Calibration - NAVSEA</u>	<u>Pandit, Vishnu Kisan B.</u>	<u>TDM IE</u>
<u>Occupational Safety and Health Requirements and Regulations - NAVSEA</u>	<u>Jirus, Tim Cmdr.</u>	<u>TDM IE</u>
<u>RADIACS</u>	<u>Shirai, Wynn M.</u>	<u>TDM IE</u>
<b><u>TDM. MARINE ENGINEERING (ME) (SEA 05Z)</u></b> SEA 05Z (Marine Engineering) serves as the Navy's technical authority for machinery systems for submarines, surface ships, and aircraft carriers, including propulsion, electrical and auxiliary systems.	<b><u>Drakeley, George</u></b>	<b><u>TDM ME</u></b>
<u>Batteries and Battery Monitoring Systems - Ships</u>	<u>Cherry, Dave</u>	<u>TDM ME</u>
<u>Machinery – Boilers and Main Condensers – Ships</u>	<u>Horacek, Paul</u>	<u>TDM ME</u>
<u>Machinery - Climate Control Systems - Ships</u>	<u>Hagar, Richard A.</u>	<u>TDM ME</u>
<u>Machinery - Controls and Monitoring Systems - Ships</u>	<u>McCullough, Jay</u>	<u>TDM ME</u>
<u>Machinery - Deck and Underway Replenishment Systems</u>	<u>Salo, Richard</u>	<u>TDM ME</u>
<u>Machinery - Diesel Engines - Ships</u>	<u>Fogarty, Ryan</u>	<u>TDM ME</u>
<u>Machinery - Electrical Systems - Ships</u>	<u>Moniri, Khosrow H.</u>	<u>TDM ME</u>
<u>Machinery - Fluid Systems - Ships</u>	<u>Felde, Mike</u>	<u>TDM ME</u>
<u>Machinery - Gas Turbine Engines - Ships</u>	<u>Hartranft, John J.</u>	<u>TDM ME</u>
<u>Machinery - Hydraulic Systems - Ships</u>	<u>Carroll, Thomas</u>	<u>TDM ME</u>

# NAVSEA WARRANTED TECHNICAL AUTHORITIES

<u>Machinery - Launcher HM&amp;E Systems - Submarines</u>	<u>Oberly, Deborah</u>	<u>TDM ME</u>
<u>Machinery - Power Trains – Ships</u>	<u>Collins, Charles</u>	<u>TDM ME</u>
<u>Machinery - Steam Turbines - Ships</u>	<u>Murphy, John</u>	<u>TDM ME</u>
<u>Machinery - Total Ship Power/Integrated Power Systems</u>	<u>Delisle, Dana</u>	<u>TDM ME</u>
<u>Machinery - Weapons and Cargo Handling and Aviation Support Systems - Surface Ships</u>	<u>McCoy, Gordon</u>	<u>TDM ME</u>
<u>Machinery Integration – Ships</u>	<u>Pehlivan, Hasan</u>	<u>TDM ME</u>
<u>Submarine Sail Systems HM&amp;E</u>	<u>Ditaranto, Paul C.</u>	<u>TDM ME</u>
<u>Submarine Electric Propulsion</u>	<u>Zavertnik, Tim</u>	<u>TDM ME</u>
<u>Air Conditioning and Refrigeration</u>	<u>Antin, Neil</u>	<u>TDM ME</u>
<b><u>TDM, OCEAN ENGINEERING (OE) (SEA 00C)</u></b>	<b><u>Matthews, Mark Cmdr.</u></b>	<b><u>TDM OE</u></b>
<u>Diving System Safety Certification</u>	<u>Warren, Robert L.</u>	<u>TDM OE</u>
<u>Diving Systems</u>	<u>Fenner, James</u>	<u>TDM OE</u>
<u>Salvage</u>	<u>Dean, Michael S.</u>	<u>TDM OE</u>
<u>Underwater Ship Husbandry</u>	<u>Dean, Michael S.</u>	<u>TDM OE</u>
<b><u>TDM, SHIP INTEGRITY &amp; PERFORMANCE ENGINEERING (SIPE) (SEA 05P)</u></b> SEA 05P (Ship Integrity & Performance Engineering) serves as the Navy's technical authority for signatures and susceptibility, vulnerability, shock, damage control and firefighting, ChemBio defense, ship and submarine structural integrity, structural deep submergence systems, corrosion control, metallic and non-metallic materials, welding, fuels and lubricants, environmental protection, weights, stability, hydrodynamics, and arrangements.	<b><u>Godfrey, Edward</u></b>	<b><u>TDM SIPE</u></b>
<u>Arrangements - Surface Ships</u>	<u>Perkins, Peri</u>	<u>TDM SIPE</u>
<u>Chemical &amp; Biological Defense for Navy Warfighters</u>	<u>Cofield, Jon</u>	<u>TDM SIPE</u>
<u>Damage and Fire Recoverability - Ships</u>	<u>Bertchold, Brian</u>	<u>TDM SIPE</u>



# NAVSEA WARRANTED TECHNICAL AUTHORITIES

<u>Damage Control and Personnel Protection - Ships</u>	<u>Kuzma, Henry J.</u>	<u>TDM SIPE</u>
<u>Electromagnetic Signatures and Susceptibility - Ships</u>	<u>Hendricks, Dan</u>	<u>TDM SIPE</u>
<u>Environmental Systems and Materials Engineering - Ships</u>	<u>McGraw, Peter</u>	<u>TDM SIPE</u>
<u>Fire Protection Systems - Ships</u>	<u>Hunstad, Mary</u>	<u>TDM SIPE</u>
<u>Fuels and Lubricants - Ships</u>	<u>Toms, Gregory</u>	<u>TDM SIPE</u>
<u>Habitability Systems - Ships</u>	<u>Battisti, Anthony</u>	<u>TDM SIPE</u>
<u>Submarine Hydrodynamics</u>	<u>King, Matthew</u>	<u>TDM SIPE</u>
<u>Submarine Propulsors/Propellers</u>	<u>Hetteema, Charles (Chuck)</u>	<u>TDM SIPE</u>
<u>Surface Ship Hydrodynamics</u>	<u>Waters, Robert (Tom)</u>	<u>TDM SIPE</u>
<u>Surface Ship Propellers/Waterjets/Appendages</u>	<u>Schumann, Jeff</u>	<u>TDM SIPE</u>
<u>Machinery - Structural Closure, Hull Outfitting, Escape &amp; Rescue, and Special Warfare Systems - Submarines</u>	<u>Shea, Brandan B.</u>	<u>TDM SIPE</u>
<u>Materials - Cathodic Protection Systems - Ships</u>	<u>Seelinger, Andrew</u>	<u>TDM SIPE</u>
<u>Materials - Coatings and Corrosion Control - Ships</u>	<u>Ingle, Mark W.</u>	<u>TDM SIPE</u>
<u>Ferrous Materials, Welding and Fabrication Processes – Ships</u>	<u>Blackburn, Joseph</u>	<u>TDM SIPE</u>
<u>Materials - Metallic; and Welding and Fabrication Processes – Ships</u>	<u>Mitchell, W. E. Gene</u>	<u>TDM SIPE</u>
<u>Non-Destructive Testing and Evaluation - Ships</u>	<u>Green, Kirsten</u>	<u>TDM SIPE</u>
<u>Non-Ferrous Metallic Materials, Welding and Fabrication Processes for Structures - Ships</u>	<u>Wong, Catherine</u>	<u>TDM SIPE</u>
<u>Materials - Non-metallic - Ships</u>	<u>Owen, David P.</u>	<u>TDM SIPE</u>
<u>Naval Integrated Body Protective Armor for Navy Warfighters</u>	<u>Gray, Edward R.</u>	<u>TDM SIPE</u>

# NAVSEA WARRANTED TECHNICAL AUTHORITIES

<u>Shock - Ships</u>	<u>Campbell, Michael</u>	<u>TDM SIPE</u>
<u>Signatures and Susceptibility Topside</u>	<u>Yi, Suk</u>	<u>TDM SIPE</u>
<u>Signatures and Susceptibility (Underwater)</u>	<u>Shaw, Michael</u>	<u>TDM SIPE</u>
<u>Structural Deep Submergence Systems</u>	<u>Bell-Slusser, Karl M.</u>	<u>TDM SIPE</u>
<u>Structural Integrity - Aircraft Carriers</u>	<u>Martir, Evelisse</u>	<u>TDM SIPE</u>
<u>Structural Integrity - Submarines</u>	<u>Barbaro, Ron</u>	<u>TDM SIPE</u>
<u>Structural Integrity - Surface Ships</u>	<u>Nappi, Nat Jr</u>	<u>TDM SIPE</u>
<u>Vulnerability Reduction - Ships</u>	<u>Nutting, Roger M.</u>	<u>TDM SIPE</u>
<u>Submarine Weight Control, Stability, Ballasting and Equilibrium</u>	<u>TBD</u>	<u>TDM SIPE</u>
<u>Surface Ship Stability and Weight Control</u>	<u>TBD</u>	<u>TDM SIPE</u>
<u>Afloat Medical Programs</u>	<u>Comeau, Robert Lt. Cmdr.</u>	<u>TDM SIPE</u>
<b><u>TDM, WARFARE SYSTEMS ENGINEERING (WSE) - LITTORAL AND MINE WARFARE (LMW) (SEA 05M)</u></b> SEA 05M (Warfare Systems Engineering – Littoral and Mine Warfare) serves as the Navy's technical authority for sensors, weapons and combat control systems for littoral and mine warfare.	<b><u>Tubridy, David</u></b>	<b><u>TDM WSE LMW</u></b>
<u>Mine Warfare Systems</u>	<u>Horton, John D.</u>	<u>TDM WSE LMW</u>
<u>Unmanned Surface Vehicle Systems</u>	<u>Santora, Guy A.</u>	<u>TDM WSE LMW</u>
<u>Wet Combat Submersible Systems</u>	<u>Fonzi, David M.</u>	<u>TDM WSE LMW</u>
<b><u>TDM, WARFARE SYSTEMS ENGINEERING (WSE) - SURFACE SEA 05W</u></b> SEA 05W (Warfare Systems Engineering – Surface) serves as the Navy's technical authority for sensors, weapons and combat control systems for surface warfare.	<b><u>Siel, Carl</u></b>	<b><u>TDM WSE Surface</u></b>
<u>Combat and Weapons Control System Integration - Surface Ships</u>	<u>Carr, Roger</u>	<u>TDM WSE Surface</u>
<u>Combat Identification Systems - Ships</u>	<u>TBD</u>	<u>TDM WSE Surface</u>

# NAVSEA WARRANTED TECHNICAL AUTHORITIES

<u>Directed Energy and Electric Weapon Systems IWS Integration – Surface Ships</u>	<u>Stoudt, David C.</u>	<u>TDM WSE Surface</u>
<u>Displays and Human Factors Engineering for Surface Ship Warfare Systems</u>	<u>Wallace, Daniel</u>	<u>TDM WSE Surface</u>
<u>Electronic Warfare Systems and Decoys - Surface Ships</u>	<u>White, Larry C.</u>	<u>TDM WSE Surface</u>
<u>Electro-optic and Infrared EO/IR- Sensing Systems - NAVSEA except submarines-</u>	<u>Lannan, Keith</u>	<u>TDM WSE Surface</u>
<u>EMI Control/EMC/EMP/RADHAZ - Ships</u>	<u>Mikoleit, Kurt E.</u>	<u>TDM WSE Surface</u>
<u>Force Level Warfare and Combat Systems Assessment - NAVSEA except USW-</u>	<u>Cortes, Luis</u>	<u>TDM WSE Surface</u>
<u>Geographic Databases - Ships</u>	<u>TBD</u>	<u>TDM WSE Surface</u>
<u>Guns - Surface Ships</u>	<u>Krueger, Robert</u>	<u>TDM WSE Surface</u>
<u>Launcher Systems - Surface Ships except USW</u>	<u>Cook, Keith</u>	<u>TDM WSE Surface</u>
<u>Missiles - Surface Ships</u>	<u>Bibel, John E.</u>	<u>TDM WSE Surface</u>
<u>Navigation Systems - Ships</u>	<u>Downs, Robert Scott</u>	<u>TDM WSE Surface</u>
<u>Radar and RF Systems - NAVSEA except submarines-</u>	<u>Kniceley, Roger</u>	<u>TDM WSE Surface</u>
<u>Targeting Systems - Ships</u>	<u>TBD</u>	<u>TDM WSE Surface</u>
<u>Track Management Systems - Ships</u>	<u>TBD</u>	<u>TDM WSE Surface</u>
<u>Implementation of Anti-Tamper within NAVSEA</u>	<u>Eichmiller, Sam</u>	<u>TDM WSE Surface</u>
<u>Information Assurance - NAVSEA</u>	<u>Perini, Mark</u>	<u>TDM WSE Surface / SPAWAR</u>
<b><u>TDM. WARFARE SYSTEMS ENGINEERING (WSE) - UNDERSEA (SEA 05N)</u></b> SEA 05N (Warfare Systems Engineering – Undersea) serves as the Navy's technical authority for sensors, weapons & combat control systems for undersea warfare.	<b><u>Wohlgemuth, Mary</u></b>	<b><u>TDM WSE Undersea</u></b>
<u>Combat and Weapons Control System Integration - Submarines</u>	<u>TBD</u>	<u>TDM WSE Undersea</u>

# NAVSEA WARRANTED TECHNICAL AUTHORITIES

<u>Distributed Undersea Warfare Sensor Systems</u>	<u>TBD</u>	<u>TDM WSE Undersea</u>
<u>Exterior Communications and Antenna Systems - Submarines</u>	<u>Exley, Gerard M.</u>	<u>TDM WSE Undersea</u>
<u>Imaging, Electromagnetic, Electro-Optic, and Electronic Warfare Systems - Submarines</u>	<u>Lafreniere, Robert A.</u>	<u>TDM WSE Undersea</u>
<u>SIM - Undersea Warfare Systems</u>	<u>Kelley, Patrick K.</u>	<u>TDM WSE Undersea</u>
<u>Sonar Systems - Submarines</u>	<u>ilveria, Kenneth</u>	<u>TDM WSE Undersea</u>
<u>Sonar Systems - Surface Ships</u>	<u>Rubega, Robert W.</u>	<u>TDM WSE Undersea</u>
<u>Torpedoes</u>	<u>Tompkins, Robert</u>	<u>TDM WSE Undersea</u>
<u>Undersea Range Tracking Systems</u>	<u>Prater, Neal J.</u>	<u>TDM WSE Undersea</u>
<u>Unmanned Underwater Vehicle Systems</u>	<u>French, Daniel W.</u>	<u>TDM WSE Undersea</u>
<u>USW Defensive Systems</u>	<u>Labella, Daniel</u>	<u>TDM WSE Undersea</u>
<u>USW Launcher Systems - Payload Integration</u>	<u>Galliano, Carlos E.</u>	<u>TDM WSE Undersea</u>
<u>USW Operational Assessment</u>	<u>Psikakos, Michael N.</u>	<u>TDM WSE Undersea</u>
<u>Waterfront CHENG - Keyport Torpedo Depot</u>	<u>Hale, Timothy</u>	<u>TDM WSE Undersea</u>
<b><u>TDM, WEAPONS SYSTEMS, ORDNANCE AND EXPLOSIVES - SAFETY AND SECURITY (SEA 00VW)</u></b>	<b><u>Caro, Mary Ellen</u></b>	<b><u>TDM WSOE SS</u></b>

