

NDIA

22nd Annual Expeditionary Warfare Conference



Conference Program

October 24-26, 2017 | The Westin Annapolis | Annapolis, MD
#EWC17

MISSION

The Expeditionary Warfare Division is the focal point and coordinating element within NDIA for the identification, study and resolution of expeditionary warfare and force protection issues in the littoral regions of the world, affecting the strength of the national defense industrial base and the armed services.

The group conducts its activities through seven committees: industry, amphibious warfare, littoral and mine warfare, expeditionary unmanned vehicles, C4I in the littorals, seabasing and sustainment, and force protection/anti-terrorism. Close coordination is maintained with the director of the U.S. Navy Expeditionary Warfare Directorate (N95), the U.S. Marine Corps deputy commandant for plans, policy and operations, and the U.S. Coast Guard's assistant commandant for operations. The division's annual symposium attracts participants from government, industry and the military services.

OBJECTIVES

- Develop and foster industry/Defense Department communications on expeditionary warfare issues, including missions, systems, technologies, training and manpower resources.
- Develop and foster industry understanding of DoD expeditionary warfare capabilities, current and emerging requirements, issues and future plans.
- Develop and foster DoD understanding of expeditionary warfare capabilities, resources and technologies available within industry.
- Develop and foster effective and efficient use of industrial capabilities in meeting DoD current and future requirements.
- Conduct an annual expeditionary warfare conference and other forums, as appropriate, for the exchange of information, ideas and issues of mutual interest to the military services and industry.
- Provide a vehicle for broad-based industrial input to DoD concerns on expeditionary warfare matters.

LEADERSHIP

RADM Sinclair "Sinc" Harris, USN (Ret)

NDIA Division Chairman
Vice President, Defense Market, LMI

Col Jim Strock, USMC (Ret)

NDIA Division Vice Chairman
Independent Consultant, Jim Strock Consulting, LLC

Col Clyde Woltman, USMC (Ret)

NDIA Expeditionary Warfare Conference Chairman
Executive Director, Defense, Aerojet Rocketdyne
Washington DC Operations



ABOUT NDIA

The National Defense Industrial Association (NDIA) is the trusted leader in defense and national security associations. NDIA, comprised of its affiliates, chapters, divisions, and 1,600 corporate and 85,000 individual members, is a non-partisan, non-profit, educational association that has been designated by the IRS as a 501(c)3 nonprofit organization - not a lobby firm - and was founded to educate its constituencies on all aspects of national security.

CONFERENCE CONTACTS

Ms. Elizabeth Richards, CMP, Meeting Manager, NDIA
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Ms. Andrea Lane, Meeting Planner, NDIA
(703) 247-2573
alane@ndia.org

CONFERENCE THEME

The NDIA Expeditionary Warfare Conference continues to serve as the premier venue for defense and industry expeditionary warfare leaders to assemble each year to discuss the issues and challenges facing the forces of today and tomorrow. This year's theme is "*Distributed Expeditionary Operations in a Contested Environment.*"

This year NDIA is partnering with the Mine Warfare Association to add a session dedicated to exploring and educating on aspects of mine warfare.

ID BADGE

During conference registration, each attendee will be issued a conference badge. Please be prepared to present a valid picture ID. Please wear your badge at all conference-sponsored functions.

SURVEY & ATTENDEE LIST

A survey and list of attendees (name and organization only) will be e-mailed to you after the conference. NDIA would appreciate your time in completing the survey to help make our event even more successful in the future.

PROCEEDINGS

Proceedings will be available 10-14 business days from the last day of the conference. All proceedings require release confirmation from the presenter. A secure, direct link to the proceedings will be sent to attendees after review from the Defense Technical Information Center (DTIC).

SOCIAL MEDIA

Conference hashtag: #EWC17

Twitter: @ndiatoday

Instagram: @ndiatoday

Facebook & LinkedIn: National Defense Industrial Association

MINE WARFARE ASSOCIATION

The Mine Warfare Association was formed in 1995 to create an awareness of mine warfare and to assist government, industry, and academia in optimizing their combined contributions to solving the challenges associated with military sea and land mine warfare. MINWARA's founders believed solutions would be found in emerging technologies and sharing information. MINWARA established a program of conducting symposia to expose people and organizations to these emerging technologies and their application to mines, mining and mine countermeasures.

The symposia are an effort to cross-pollinate knowledge about mine warfare among government, industry, and academia. Symposia address military doctrine, policies, organization, concepts of operations, ongoing and needed research and development, acquisition programs, exercises and operation, and logistics and training programs.

Mine warfare includes both mining and mine countermeasures. Mine countermeasures includes the software, sensors, systems, tactics, techniques and procedures required to address the traditional mine threat as well as the potential threat from terrorist placed mines or improvised explosive devices (IEDs), to U.S. ports. The Mine Warfare Association is a strong supporter of mining capabilities, based on the tenet that knowledge of mine design and effects are critical to maintaining an effective mine countermeasures capability. The Mine Warfare Association is also a firm supporter of mine designs that have self-destruction capabilities after an appropriate period, so as not to pose a threat to civilians after cessation of hostilities.

The Mine Warfare Association understands the increasing importance of commercial industry in developing technologies which will benefit the Department of Defense. Accordingly, a major activity of the association is to expand outreach to the commercial sector.



TUESDAY, OCTOBER 24, 2017

7:00 AM - 5:30 PM

Registration

Capitol ABC Pre-Function

7:00 AM - 8:00 AM

Networking Breakfast

Capitol Pre-Function

8:00 AM - 8:30 AM

Welcome Remarks

Capitol Ballroom

- Col Clyde Woltman, USMC (Ret), Executive Director, Defense, Aerojet Rocketdyne Washington DC Operations
- RADM Sinclair Harris, USN (Ret), Vice President, Defense Market, LMI

8:30 AM - 9:30 AM

Keynote Address

- VADM Kevin Scott, USN, Director, Joint Staff J7 Force Development

9:30 AM - 7:00 PM

Table Top Displays Open

Capitol Pre-Function

9:30 AM - 10:00 AM

Networking Break

Capitol Pre-Function

10:00 AM - 12:00 PM

Session: Current Operations

Session Chair: Mr. Jon Padfield, Corporate Director, Customer Affairs, Amphibious and Auxiliary Ship Programs, Huntington Ingalls Industries

The Commanding General, II Marine Expeditionary Force will provide an overview of the responsibilities and challenges facing his Marines and the expeditionary/amphibious forces as they continue to operate at the forefront of naval operations at sea and ashore. The General will discuss how the naval concept of *Littoral Operations in a Contested Environment* will impact the strategy of naval engagement. Commodore Mike Crary, USN deployed with the 11th Marine Expeditionary Unit as the MAKIN ISLAND Amphibious Ready Group and Commodore Larry LeGree, USN deployed with the 24th Marine Expeditionary Unit as the BATAAN Amphibious Ready Group, will provide an overview of their deployment events and accomplishments particularly conducted in "split" and "disaggregated" operations. Commander Shawn Lansing, Program Manager of the United States Coast Guard Expeditionary Forces Division, will provide an overview of the USCG in expeditionary operations and the potential for Coast Guard involvement in future efforts.

10:00 AM - 10:45 AM

Keynote Speaker - Joint Current Ops Focus

- LtGen Robert Hedelund, USMC, Commanding General, II Marine Expeditionary Force

10:45 AM - 12:00 PM

Panel Session - Current Operations

Moderator: Mr. Jon Padfield, Corporate Director, Customer Affairs, Amphibious and Auxiliary Ship Programs, Huntington Ingalls Industries

- CAPT Mike Crary, USN, Commander, Amphibious Squadron 5
- CAPT Larry LeGree, USN, Commander, Amphibious Squadron 8
- Col Ryan Rideout, USMC, Commanding Officer, 24 MEU (Invited)
- CDR Shawn Lansing, USCG, Program Manager for Expeditionary Operations, USCG Headquarters

12:00 PM - 1:30 PM

Networking Lunch

Capitol Ballroom

1:30 PM - 5:30 PM

Session: Mine Warfare

Session Co-Chair: Mr. David Holt, Mission Systems, Navigation & Maritime Systems Division, Northrop Grumman Corporation

Session Co-Chair: Mr. Mark Rios, Director, Business Development & Sales, ATLAS North America

By popular demand, this year's Mine Warfare session has expanded to accommodate more speakers and questions from attendees. The focus of the session is to convey a perspective from operational MCM Task Group and Task Force Commanders; experienced and objective Mine Warfare assessors, whose findings are forwarded to the highest levels of the Navy; the OPNAV Resource Sponsor responsible for funding MCM capability and capacity; and the Navy's acquisition leader who will maintain present systems and develop and field promising future ones. After all invited speakers have made their presentations, there will be a panel session with all speakers, moderated by VADM John Miller (Ret), which will answer insightful and probing questions from the audience.

1:30 PM - 2:00 PM

Keynote Speaker

- VADM John Miller, USN (Ret), President, The Fozzie Miller Group

2:00 PM - 3:30 PM

Individual Remarks

- CAPT Mark Leavitt, USN, Commander, Helicopter Sea Combat Wing Atlantic
- Mr. Neal Kusumoto, Director Mine Warfare, Surface and Mine Warfare Development Center
- CAPT Michael Egan, USN, Commander Task Force 52, USNAVCENT
- MajGen David Coffman, USMC, Director Expeditionary Warfare Division, OPNAV N95
- RADM John Neagley, USN, Program Executive Office, Littoral Combat Ship

3:30 PM - 4:00 PM

Networking Break

Capitol Pre-Function

4:00 PM - 5:30 PM

Panel Session - Mine Warfare

Moderator: VADM John Miller, USN (Ret), President, The Fozzie Miller Group

- CAPT Mark Leavitt, USN, Commander, Helicopter Sea Combat Wing Atlantic
- Mr. Neal Kusumoto, Director Mine Warfare, Surface and Mine Warfare Development Center
- CAPT Michael Egan, USN, Commander Task Force 52, USNAVCENT
- MajGen David Coffman, USMC, Director Expeditionary Warfare Division, OPNAV N95
- CAPT Hans Lynch, USN, Mine Warfare Branch, OPNAV N952
- RADM John Neagley, USN, Program Executive Office, Littoral Combat Ship

5:30 PM - 7:00 PM

Networking Reception

Capitol Pre-Function

WEDNESDAY, OCTOBER 25, 2017

- 7:00 AM – 5:30 PM **Registration**
Capitol ABC Pre-Function
- 7:00 AM - 5:30 PM **Table Top Displays Open**
Capitol Pre-Function
- 7:00 AM - 8:00 AM **Networking Breakfast**
Capitol Pre-Function
- 8:00 AM - 8:15 AM **Welcome Remarks**
Capitol Ballroom
- Col Clyde Woltman, USMC (Ret), Executive Director, Defense, Aerojet Rocketdyne Washington DC Operations
- 8:15 AM - 9:00 AM **Keynote Address**
- Mr. Gary Motsek, Deputy Assistant Secretary of Defense for Program Support
- 9:00 AM - 3:00 PM**
- Session: Capabilities Development & Acquisition**
Session Co-Chair: Mr. Reed Bolick, USMC Field Representative, Mistral Group
Session Co-Chair: Col Jim Strock, USMC (Ret), Independent Consultant, Jim Strock Consulting, LLC
- Taking concepts to reality is not an easy task and requires innovative collaboration between government and industry to attain future warfighting capabilities. This panel discussion will discuss required capabilities to realize operational end states described in *Littoral Operations in a Contested Environment*; the ongoing rapid capabilities development plans, programs and processes designed to accelerate capabilities to the field and fleet; and provide an update on experimentation and exercises to allow naval forces to identify seams and capabilities shortfalls that must be resolved to influence and enhance planning and execution of integrated Navy and Marine Corps operations on and from the sea.
- 9:00 AM - 10:00 AM **Keynote Speakers**
- LtGen Brian Beaudreault, USMC, Deputy Commandant, Plans, Policies, and Operations
 - VADM Andrew Lewis, USN, Deputy Chief of Naval Operations, Plans and Strategy
- 10:00 AM - 10:30 AM **Featured Speaker - Capabilities Conceptual Overview**
- Mr. John Berry, HQMC Combat Development & Integration
- 10:30 AM - 11:00 AM **Networking Break**
Capitol Pre-Function
- 11:00 AM - 12:30 PM **Panel Session - Capabilities Development, Experimentation & Exercises, Rapid Capabilities Development**
Moderator: Col Jim Strock, USMC (Ret), Independent Consultant, Jim Strock Consulting, LLC
- Col Marshall Swor, USMC, USMC Lead, Defense Innovation Unit Experimental (DIUx)
 - Dr. John Pazik, Expeditionary Maneuver Warfare, Code 30, Office of Naval Research
 - LtCol Dan Schmitt, USMC, Marine Corps Warfighting Lab Field Testing Branch
 - Col Craig Streeter, USMC, Director, Maritime Expeditionary Warfare Integration Division, HQMC Combat Development and Integration
 - CDR Dave Lewis, USN, U.S. Fleet Forces Command, N9 Fleet Design

12:30 PM - 1:30 PM

Networking Lunch

Capitol Ballroom

1:30 PM - 2:15 PM

Keynote Speaker

- Mr. Thomas Dee, Performing the Duties of the Under Secretary of the Navy

2:15 PM - 3:00 PM

Featured Speaker - Acquisition

- Mr. William Williford, III, Executive Director, Marine Corps Systems Command

3:00 PM - 3:30 PM

Networking Break

Capitol Pre-Function

3:30 PM - 5:30 PM

Session: Expeditionary Logistics Integration & Expeditionary Medicine

Session Co-Chair: Mr. Tom Wetherald, Director Business Development and Strategic Planning, General Dynamics NASSCO

Session Co-Chair: Col Jim Strock, USMC (Ret), Independent Consultant, Jim Strock Consulting, LLC

The importance of Navy, Marine Corps and Coast Guard interdependency in both naval and joint warfighting environments and the continued need to transform naval logistics requires integrated logistics and medical processes to obtain greater efficiency and effectiveness in supporting the warfighter. This panel will discuss how naval logisticians are challenging the status quo in areas of science and technology, policy and doctrine, business practices and processes, and training and education as well as logistics innovation initiatives such as additive manufacturing and technological enhancements in warfighter performance. The end state is to enhance integrated naval logistics and expeditionary medicine capabilities that can operate seamlessly afloat or ashore, successfully supporting and sustaining operating units in a joint warfighting environment.

3:30 PM - 4:15 PM

Keynote Speakers

- MajGen Vincent Coglianesi, USMC, Commander, Marine Corps Installations Command/ Assistant Deputy Commandant, Installations & Logistics (Facilities)
- RDML Peter Stamatopoulos, USN (SC/AP), Director, OPNAV N41

4:15 PM - 5:30 PM

Panel Session: Naval Logistics Integration, Expeditionary Medicine, Additive

Manufacturing

Moderator: Col Jim Strock, USMC (Ret), Independent Consultant, Jim Strock Consulting, LLC

- Dr. Patrick Mason, Head, Warfighter Performance Department, Code 34, Office of Naval Research
- CAPT Jason Bridges, USN, OPNAV N41, Fleet Readiness and Logistics
- LCDR Andrew Lovgren, USN, OPNAV N41
- Col Edward Bligh, USMC, HQMC LPV
- Col Howard Marotto, USMC, HQMC, LPV-3, NexLog, Additive Manufacturing

THURSDAY, OCTOBER 26, 2017

7:00 AM - 12:30 PM

Registration

Capitol ABC Pre-Function

7:00 AM - 12:30 PM

Table Top Displays Open

Capitol Pre-Function

7:00 AM - 7:55 AM

Networking Breakfast

Capitol Pre-Function

7:55 AM - 8:00 AM

Welcome Remarks

Capitol Ballroom

- Col Clyde Woltman, USMC (Ret), Executive Director, Defense, Aerojet Rocketdyne Washington DC Operations

8:00 AM - 12:30 PM

Session: Resource Sponsors

Session Chair: Mr. Joe Martin, Crowley

The Navy and Marine Corps continue to face unprecedented resource challenges in the development and continued sustainment of the world's preeminent Expeditionary and Amphibious Force. The Navy-Marine Corps Team must make balanced and well-informed decisions to field a force capable of executing the full range of military operations in domain-contested environments to enable Joint Force success. The Resource Sponsors Exchange panel will provide insight into the Navy's resource decisions to support the fielding of the most lethal and survivable Expeditionary and Amphibious Force, for today's Navy and Marine Corps and tomorrow's. This panel is comprised of the N95 Resource Sponsors who adjudicate investment priorities and decisions for our Nation's Expeditionary and Amphibious Force.

As one of the Defense Department's largest acquisition organizations, Program Executive Office Ships (PEO Ships) manages the design and construction of destroyers, amphibious ships, special mission and support ships, as well as a wide range of boats and craft for U.S. agencies and foreign military sales. These platforms enable our nation and its allies to project presence in peace, power in wartime, and assured access at all times.

8:00 AM - 10:00 AM

Panel Session: Resource Sponsors Exchange

Keynote & Moderator: MajGen David 'Stretch' Coffman, USMC, Director Expeditionary Warfare Division, OPNAV N95

- CAPT Dave Markle, USN, Naval Special Warfare Branch, OPNAV N951
- CAPT Hans Lynch, USN, Mine Warfare Branch, OPNAV N952
- CAPT Dave Bossert, USN, Amphibious Warfare Branch, OPNAV N953
- CAPT John Moulton, USN, Navy Expeditionary Combat Branch, OPNAV N957

10:00 AM - 10:30 AM

Networking Break

Capitol Pre-Function

10:30 AM - 12:30 PM

Panel Session: PEO Ships Exchange

Keynote & Moderator: RADM William Galinis, USN, Program Executive Officer, Ships

- Col Samuel Mowery, USMC, Team Ships Marine Corps Liaison
- Mr. Clif Mitchell, Deputy Program Manager, PMS 385, Strategic and Theater Lift
- CAPT Brian Metcalf, USN, Program Manager, PMS 317, LPD17/LX(R)
- Mr. Thomas Rivers, Program Manager, PMS 377, Amphibious Warfare

12:30 PM

Conference Adjourns

Thursday afternoon classified session at Northrop Grumman - see details on following page.

In lieu of speaker gifts, a donation is being made to the Fisher House Foundation.

The optional classified session on Thursday, October 26 will begin at 2:00pm. It will be held at Northrop Grumman's offices in Annapolis, MD. This session will be conducted as SECRET/NOFORN. **You must have a secret clearance and be a U.S. citizen to attend this optional session. Pre-registration is required.** Please arrive in time to check in and pick up your badge. A photo ID will be required for check in.

NORTHROP GRUMMAN ADDRESS

895 Oceanic Drive, Annapolis, MD 21409

DIRECTIONS FROM ANNAPOLIS TO NORTHROP GRUMMAN

From Rt 50 East, take Exit 32 (last exit prior to tolls). At the stop sign turn right; at the end of the road turn left; turn right at the next road, O'Brien Rd. Look for the Northrop Grumman signs.

PARKING

Follow O'Brien Rd, bear left once you enter the property, drive between the building towards the Chesapeake Bay. Turn right into the visitor parking lot. NDIA spots will be marked. Overflow parking will be behind the building but will be clearly marked. 30 MPH while on access road, watch for wildlife crossing the road.

SCHEDULE

1:00 PM - 2:00 PM **Classified Session Check In**
Northrop Grumman

2:00 PM - 4:30 PM **Classified Session - Expeditionary & Mine Warfare**
Session Co-Chair: Mr. David Holt, Mission Systems, Navigation & Maritime Systems Division, Northrop Grumman Corporation
Session Co-Chair: Mr. Roger Garay, Defense Technical Information Center

ONI will be presenting a classified Secret/NOFORN mine threat brief at the Northrop Grumman Undersea Systems Campus Thursday afternoon. Following this brief, the Commander, Task Force 51/5 will discuss current Expeditionary Warfare Operations. Lastly, the panel will discuss military requirements and the private-sector, defense-oriented technology solutions that can align with warfighter and national security problem sets.

2:00 PM - 2:10 PM **Welcome to Northrop Grumman**
• Dr. Alan Lytle, Vice President, Northrop Grumman Undersea Systems

2:10 PM - 3:30 PM **Featured Speakers - ONI & Commander, Task Force 51/5 Operations**

3:30 PM - 4:30 PM **Panel Session**
Moderator: Mr. Roger Garay, Defense Technical Information Center

4:30 PM Classified Session Adjourns



The Amphibious Warship Industrial Base Coalition advocates for Congress to provide funding for the sustained and stable construction of amphibious warships vital to the mission of the U.S. Navy and U.S. Marine Corps. Members of the coalition advocate for amphibious warship funding and underscore the importance of amphibious warships to our country's security and global stability.



Intelligent Marine Robots You Can Rely On

Located in the U.S. and a subsidiary of Kongsberg Maritime, Hydroid is the world's most trusted manufacturer of advanced, field proven Autonomous Underwater Vehicles (AUVs). Our REMUS AUVs and marine robotics systems provide innovative and reliable full-picture solutions for the marine research, defense, hydrographic and offshore/energy markets. Developed by a veteran team of engineers, Hydroid products provide a safe and reliable answer to the challenges that have hampered ocean

exploration and security. For more information on our technologies, please visit www.hydroid.com.



Ingalls Shipbuilding is located in Pascagoula, Mississippi on 800 acres of the most important real estate in America. With 11,500 employees, Ingalls is the largest manufacturing employer in Mississippi and a major contributor to the economic growth of both Mississippi and Alabama. Our 79-year legacy has continuously proven

we have the talent, experience and facilities to simultaneously build more classes of ships than any other shipyard in America. We are the builder-of-record for 35 Aegis DDG 51 class guided missile destroyers, LHA 6 class large deck amphibious ships, National Security Cutters for the U.S. Coast Guard and the sole builder of the Navy's fleet of San Antonio (LPD 17) class amphibious assault ships. Ingalls Shipbuilding has what it takes to build the military ships that keep America and our allies safe.



Leonardo DRS is a prime contractor, leading technology innovator and supplier of integrated products, services and support to military forces, intelligence agencies and defense contractors worldwide. The company specializes in naval and maritime

systems, ground combat mission command and network computing, global satellite communications and network infrastructure, avionics systems, and intelligence and security solutions. Additionally, the company builds power systems and electro-optical/infrared systems for a wide range of commercial customers. Headquartered in Arlington, Virginia, Leonardo DRS is a wholly owned subsidiary of Leonardo S.p.A., which employs more than 47,000 people worldwide.



PIXIA is the industry leader in high-performance, scalable data access solutions for large geospatial datasets. PIXIA's products – HiPER LOOK®, HiPER STARE® and HiPER WATCH®, and HiPER CLOUD – focus on increased storage I/O, scalability and interoperability across large enterprise systems online, offline, or hosted in the cloud.

PIXIA software delivers tools to organize, visualize, and expose geospatial data, reducing maintenance burden and search time while empowering critical missions. Additionally, PIXIA's capabilities allow users to take maps and imagery into network disconnected environments for conducting operations offline. PIXIA makes data fast and flexible through integration with third party analytical tools via open standard interfaces like Open Geospatial Consortium (OGC) standards and web services, eliminating the need for many copies of data and a unique software stack to operate on it.



PSI designs and manufactures shipping and carrying cases as well as providing electronic system integration services at one location. Our skill set includes shock mitigation, product fulfillment and asset management. PSI is a ISO 9001/2008 registered and certified business. Visit us at www.psicases.com.

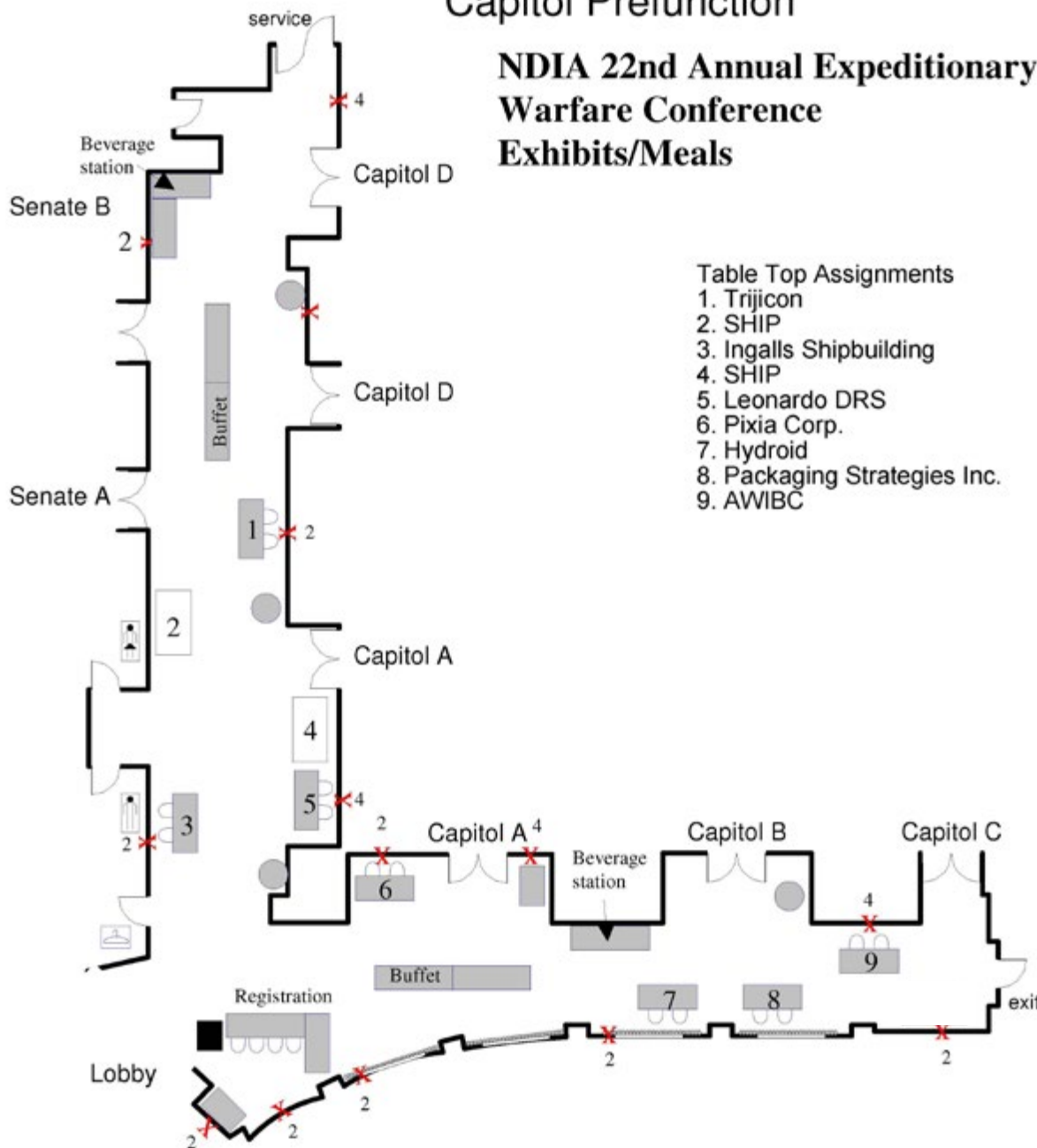


Trijicon has led the industry in the development of superior any-light aiming systems since the company's founding in 1981. World-renowned for its innovative applications of tritium and advanced fiber-optics, Trijicon manufactures the most advanced riflescopes and sights for tactical and sporting applications. Backed by a Limited-Lifetime Warranty, Trijicon's aiming systems are proven on the range and in the field. The company is proud to count as our customers the United States Marine Corps, United States Army, United States Special Operations Forces, United States Government, and state and local Law Enforcement, just to name a few. An ISO 9001:2008 rated company, Trijicon Inc., is committed to Customer Satisfaction through the design, development, and manufacture of superior quality products while offering expert technical support. Trijicon's commitment to continuous improvement of products and services is paramount in their endeavors to continue as a world leader in the design and manufacture of high quality, innovative sighting systems.

Corps, United States Army, United States Special Operations Forces, United States Government, and state and local Law Enforcement, just to name a few. An ISO 9001:2008 rated company, Trijicon Inc., is committed to Customer Satisfaction through the design, development, and manufacture of superior quality products while offering expert technical support. Trijicon's commitment to continuous improvement of products and services is paramount in their endeavors to continue as a world leader in the design and manufacture of high quality, innovative sighting systems.

Capitol Prefunction

NDIA 22nd Annual Expeditionary Warfare Conference Exhibits/Meals



LtGen Brian Beaudreault, USMC, Deputy Commandant, Plans, Policies, and Operations

Lieutenant General Beaudreault was commissioned in May 1983 and was designated as an infantry officer upon completion of training.

His operational assignments include: Platoon Commander and Company Executive Officer, 1st Bn, 3rd Marines, Kaneohe Bay, HI; Assistant Operations Officer, Logistics Officer, Maritime Special Purpose Force Commander and G Company Commander, Battalion Landing Team 2/9, 15th Marine Expeditionary Unit (SOC), Camp Pendleton, CA (Operation RESTORE HOPE, Somalia); Inspector-Instructor, 3rd Battalion, 23rd Marines, Memphis, TN; Operations Officer, 31st MEU (SOC), Okinawa, Japan (Operation Stabilise, East Timor); Regimental Executive Officer, 1st Marine Regiment, Camp Pendleton, CA; Commanding Officer, Battalion Landing Team 1/1, 13th MEU (SOC)/ Expeditionary Strike Group One (Operation Iraqi Freedom); Commanding Officer, 15th MEU(SOC), Camp Pendleton, CA (Operation Iraqi Freedom); Deputy Commander, Marine Forces Central Command/Commander MARCENT (Forward), Manama, Bahrain; Commanded Task Force South in support of flood relief in Sindh Province, Pakistan; and Commanding General, 2nd Marine Division.

His Supporting Establishment assignments include service as Guard Officer, Marine Corps Security Force Company, Naval Station Roosevelt Roads, Puerto Rico and Director, Expeditionary Warfare School, Quantico, VA.

LtGen Beaudreault completed joint duty assignments as Ground Plans Officer (CCJ3-PP), Operations Directorate, US Central Command, MacDill AFB, FL; Deputy Director, Future Joint Force Development, Joint Staff (J7) and Deputy Director, Joint Training, Joint Staff (J7), Suffolk, VA; and most recently served as Director of Operations and Cyber (J3), U.S. Africa Command.

Mr. John Berry, HQMC Combat Development & Integration

Mr. John C. Berry, Jr. is the Director of the Concepts Branch within the Marine Corps Warfighting Laboratory/Futures Directorate at Quantico, Virginia. He enlisted in the Marine Corps in 1974 and subsequently earned his Artis Baccalaureate, Summa Cum Laude, from Boston College in 1981. He then earned a commission in the Marine Corps and served as a career infantry officer. His operational experience included various command and staff assignments within the Second and Third Marine Divisions, the Sixth Marine Amphibious Brigade, and the 26th Marine Expeditionary Unit (Special Operations Capable). A distinguished graduate of numerous professional military schools, he was also a tactics instructor at The Basic School and was an instructor, exercise design officer, and operations officer with the Marine Air-Ground Task Force (MAGTF) Staff Training Program.

Since his retirement from active duty in 2002, Mr. Berry has been involved in the development of numerous strategy documents, operating concepts, and key doctrinal publications. The most prominent among them are:

- Naval Operations Concept 2006;
- A Cooperative Strategy for 21st Century Seapower (2007);
- Naval Operations Concept 2010: Implementing the Maritime Strategy;
- Marine Corps Doctrinal Publication 1-0, Marine Corps Operations (2011);
- Cooperative Strategy for 21st Century Seapower: Forward, Engaged, Ready (2015);
- Littoral Operations in a Contested Environment (2017).

MajGen David Coffman, USMC, Director Expeditionary Warfare Division, OPNAV N95

Major General Coffman assumed duties as Director, Expeditionary Warfare (N95) in July 2017. As the sole Marine General Officer on the staff of the Chief of Naval Operations (OPNAV), he provides oversight of CNO staff responsibilities pertaining to amphibious lift, mine warfare, naval fire support, and other missions essential to Expeditionary Warfare.

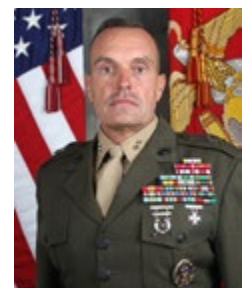
He was commissioned a Marine Second Lieutenant through the NROTC Program in May 1985. He completed flight school and was designated a Naval Aviator in May 1987.

As a CH-46 helicopter pilot, his operational flying tours include multiple deployments across PACOM and CENTCOM AORs. He commanded HMM-161 during their 2004 Operation Iraqi Freedom deployment to Iraq, where the squadron served as the primary Casualty Evacuation squadron for I MEF and was recognized by the Marine Corps Aviation Association as the Edward C. Dyer Marine Medium Helicopter Squadron of the Year for 2004. As a Colonel, he commanded the 13th Marine Expeditionary Unit (13th MEU) at Camp Pendleton from January 2008 to October 2011, leading the "fighting thirteenth" through two full deployment cycles, culminating in seven month deployments aboard BOXER Amphibious Ready Group in 2009 and again in 2011.

Major General Coffman's previous assignments as a General Officer include Deputy Director of Operations for the National Military Command Center on the Joint Staff, Commander U.S. Marine Corps Forces South, Deputy Commander U.S. Marine Corps Forces Command, Deputy Commanding General I Marine Expeditionary Force, and Commanding General 1st Marine Expeditionary Brigade.

MajGen Vincent Coglianese, USMC, Commander, Marine Corps Installations Command/Assistant Deputy Commandant, Installations & Logistics (Facilities)

Major General Coglianese's assignments in the Marine Corps' operating forces include Battalion Motor Transport Officer, 2d Battalion, 12th Marines; Engineer Officer, Det. B, Marine Wing Support Group 27; Motor Transport Officer, Marine Wing Support Squadron 273; Group Motor Transport and Engineer Officer,



2nd Surveillance Reconnaissance Intelligence Group; Company Commander, Headquarters and Service Company, deployed to Southwest Asia in support of Operations DESERT SHIELD/ DESERT STORM; S-4, 2nd Light Armored Infantry Battalion; Operations and Executive Officer, Combat Service Support Group-3; Commander, Combat Service Support Detachment 78; Commanding Officer, MEU Service Support Group 24, deployed with the 24th MEU to Iraq's Northern Babil Province in support of Operation IRAQI FREEDOM; First Deputy Commander, U.S. Marine Corps Forces, Special Operations Command; Commanding Officer, Combat Logistics Regiment 27; Chief of Staff, 2d Marine Logistics Group (Fwd) and Commanding Officer, Combat Logistics Regiment 27 (Fwd), deployed in support of Operation IRAQI FREEDOM.

His other assignments include Marine Corps Representative, United States Merchant Marine Academy: Assistant Operations Officer, Joint Security Directorate, CENTCOM, deployed to Afghanistan in support of Operation ENDURING FREEDOM as a part of Task Force Bowie, a Joint Interagency Task Force; First Marine assigned as J-4 for Special Operations Command, Central Command, deployed in support of Operation IRAQI FREEDOM and served as the J-4 Directorate for Combined Forces Special Operations Component Command.

Mr. Thomas Dee, Performing the Duties of the Under Secretary of the Navy

On Feb. 17, 2017, Mr. Tom Dee was temporarily assigned to perform the duties of the Under Secretary of the Navy where he exercises all authorities of the Under Secretary and of the Department's Chief Management Officer, except those statutory duties that by law or regulation may only be performed by a Senate confirmed Under Secretary or their principal deputy. He previously served as the Vice Director, Navy Staff. As Vice Director of the Navy Staff he served as the senior civilian within the Office of the Chief of Naval Operations (OPNAV) responsible for oversight of management and business processes.



Mr. Dee joined the civil service in 2007 following a 26 year career as a naval officer. Upon his retirement from the Navy he assumed duties as the first Director of Defense Biometrics within the Office of the Secretary of Defense. In March 2009, Mr. Dee was appointed to the Senior Executive Service and served as the Director, Joint Rapid Acquisition Cell in the Office of the Under Secretary of Defense Acquisition, Technology and Logistics where he led efforts to resolve immediate warfighting needs as identified by the Defense Department's Combatant Commanders. He concurrently served as the Executive Secretary to the Deputy Secretary of Defense, Deputy's Management Action Group (DMAG) where he coordinated the preparation of strategic issues for executive decision. His most recent assignment was as the Deputy Assistant Secretary of the Navy for Expeditionary Programs and Logistics Management (DASN ELM) where he served as the principal advisor to ASN (RD&A) on matters relating to expeditionary capabilities, urgent processes and acquisition logistics.

RADM William Galinis, USN, Program Executive Officer, Ships

Rear Adm. William Galinis' initial engineering duty tour was with the supervisor of Shipbuilding, Conversion and Repair, New Orleans, where he worked on both new construction and repair projects including assignment as the PMS 377 program manager's representative for the LSD (CV) Shipbuilding Program. He subsequently served as the senior damage control inspector for the Board of Inspection and Survey, Surface Trials Board as well as in a number of program office and staff positions including the DD 21 and LPD 17 Program Offices, Office of the Chief of Naval Operations in the Requirements & Assessments Directorate (N81) and in the Office of the Deputy Assistant Secretary of the Navy for Shipbuilding as the chief of staff.



His command assignments included LPD 17 program manager—leading the commissioning of the first four ships of the LPD 17 San Antonio Class, delivering the fifth ship and starting construction on four additional ships; supervisor of shipbuilding, Gulf Coast overseeing Navy ship construction projects and Foreign Military Sales work in shipyards along the Gulf Coast and Wisconsin; and as the commanding officer of the Norfolk Ship Support Activity where he led ship maintenance and repair efforts.

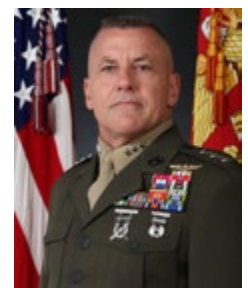
Currently, Galinis is serving as program executive officer, Ships, where he is responsible for Navy shipbuilding for surface combatants, amphibious ships, logistics support ships, support craft and related foreign military sales.

LtGen Robert Hedelund, USMC, Commanding General, II Marine Expeditionary Force

Lieutenant General Robert F. Hedelund is the Commanding General, II Marine Expeditionary Force.

He was commissioned in April 1983. He was designated an unrestricted Naval Aviator in May 1985.

Previous command assignments include Headquarters Squadron, Marine Aircraft Group 29; Marine Medium Helicopter Squadron (HMM) 162; Marine Aviation Weapons and Tactics Squadron One (MAWTS-1); Marine Corps Warfighting Laboratory (concurrently serving as the Vice Chief, Office of Naval Research); the 2d Marine Aircraft Wing; and U.S. Marine Corps Forces Korea.



As a CH46E pilot, LtGen Hedelund has deployed with HMM-264, HMM-365 and HMM-162. He has served as a Basic and Advanced Flight Instructor at Helicopter Training Squadron (HT) 18, NAS Whiting Field, FL. LtGen Hedelund has also served as a CH46E Instructor, Division Head and Assault Support Department Head at MAWTS-1, MCAS Yuma, AZ. LtGen Hedelund has flown over 5200 flight hours in rotary wing, tilt-rotor and fixed wing aircraft.

Staff assignments include the Marine Corps Strategic Studies

Group, MCCDC; U.S. Northern Command Desk Officer, U.S. Joint Forces Command; Senior Military Assistant and Marine Aide to the Secretary of the Navy; Director, Marine and Family Programs Division (MF), Manpower & Reserve Affairs; Assistant Chief of Staff UCJ-5, United Nations Command, ROK-U.S. Combined Forces Command, U.S. Forces Korea.

LtGen Hedelund is a distinguished graduate of The Basic School and Marine Corps Command and Staff College. He has also attended the Air War College, Montgomery, AL and the Joint Forces Staff College, Norfolk, VA.

VADM Andrew Lewis, USN, Deputy Chief of Naval Operations, Plans and Strategy

Vice Adm. Andrew Lewis' command tours include Carrier Strike Group 12 deploying with USS Theodore Roosevelt (CVN 71), Naval Strike and Air Warfare Center aboard Naval Air Station Fallon, Carrier Air Wing 3 deploying with USS Harry S. Truman (CVN 75), Strike Fighter Squadron (VFA) 106 aboard Naval Air Station Oceana and VFA-15 deploying on USS Enterprise (CVN 65) and USS Theodore Roosevelt (CVN 71).



Lewis' operational sea tours include a division officer tour for Attack Squadron 72 deploying with USS John F Kennedy (CVN 67), as an exchange pilot/tactics instructor for 800 Naval Air Squadron deploying with HMS Invincible (R05) and as a department head for VFA-192 deploying with USS Independence (CV 62). Other deployed tours have been as a battle director at the Combined Air Operations Center in Al Udeid Air Base, Qatar, and as the maritime operations center director at Naval Forces Central Command Bahrain.

Ashore, Lewis served as an instructor pilot in Air Training Squadron 23, as a branch chief at the Joint Warfare Analysis Center as the executive assistant to the chief of Naval Air Force, and as the executive assistant for the director, Joint Staff. As a flag officer, Lewis has served as the vice director for operations (J3) and director of fleet training (N7) at Fleet Forces Command.

He has flown over 100 combat missions in Operations Desert Shield, Desert Storm, Southern Watch, Deny Flight, Enduring Freedom and Iraqi Freedom. He has accumulated over 5,300 flight hours and 1,100 arrested landings. He was the recipient of the Naval Air Forces Pacific Pilot of the Year in 1996.

Lewis assumed duties as deputy chief of naval operations for operations, plans and strategy in August 2017.

His personal awards include the Defense Superior Service Medal with oak leaf cluster, Legion of Merit (six awards), Bronze Star, Defense Meritorious Service Medal, Meritorious Service Medal, Air Medal (seven Strike Flight and four Individual with Combat "V"), Navy and Marine Corps Commendation Medal (three awards; two with Combat "V"), and the Navy and Marine Corps Achievement Medal, as well as various service and campaign awards.

VADM John W. "Fozzie" Miller, USN (Ret), President, The Fozzie Miller Group LLC

Vice Admiral John W. "Fozzie" Miller, USN (Ret) is founder of The Fozzie Miller Group LLC, a global national and maritime security consulting firm based in Washington, D.C. He is also a Visiting Fellow at the American Enterprise Institute and a Highly Qualified Expert for the Naval War College, as well as an advisor to several other organizations focused on national and maritime security issues.



In 2015, Miller retired from the U.S. Navy after serving as the Commander, U.S. Naval Forces Central Command, Commander, Combined Maritime Forces, and Commander, U.S. Fifth Fleet. In addition to Fifth Fleet, Miller held numerous commands in the U.S. Navy including: VF-142, VF-101, USS Dubuque (LPD 8), USS Juneau (LPD 10), USS Constellation (CV 64), USS John F. Kennedy (CV 67), Carrier Strike Group 11, and the Naval Strike and Air Warfare Center. After promotion to Rear Admiral, Miller spent a considerable amount of time focusing on the Middle East, serving as Deputy Commander to U.S. Naval Forces Central Command/United States Fifth Fleet and Deputy Director, Strategy, Plans, and Policy (J5); Chief of Staff, U.S. Central Command, and Commander, U.S. Naval Forces Central Command/U.S. Fifth Fleet/Combined Maritime Forces. Vice Admiral Miller received the Navy Distinguished Service Medal in 2015. He has appeared in the New York Times, Fox News, Defense News, and ABC News, among others. Vice Admiral Miller is a graduate of the United States Naval Academy and a distinguished graduate from the Naval War College. He also has a master's in International Relations from Salve Regina University. He served as a Special Assistant to the Administrator of NASA as a White House Fellow.

Mr. Gary Motsek, Deputy Assistant Secretary of Defense for Program Support

Mr. Gary J. Motsek serves as the principal advisor to senior leaders within the Office of the Secretary of Defense (OSD) on matters pertaining to Operational Contract Support (OCS), contingency program management, policy, support to Geographic Combatant Commands (excluding TRANSCOM), and efforts to promote military effectiveness, interagency cooperation, efficiency, economy, and standardization. He is responsible for developing and maintaining a comprehensive policy framework and program support governing logistical and support operations, contractor planning, management and execution during combat, humanitarian, and disaster relief operations. He is also responsible for developing and publishing federal regulations regarding the use of Private Security Contractors (PSCs) in overseas operations. Mr. Motsek has performed these critical responsibilities since 2006.



He has over 40 years of experience in the Department of Defense, serving in civilian and military assignments. He served a dual role as Acting Principal Deputy Assistant Secretary of Defense

for Logistics and Materiel Readiness (L&MR) from April to July 2016 where his logistics portfolio included program support, maintenance, materiel readiness, supply chain integration, and transportation policy. Prior to his current role, he served as the Assistant Deputy Under Secretary of Defense for Program Support (2006-2011), Deputy G-3 for Support Operations and Assistant Deputy Chief of Staff for Ammunition, U.S. Army Materiel Command (2001-2006); Commander, Pine Bluff Arsenal (1997-1999); and international Military Staff Officer, NATO Headquarters, Brussels, Belgium (1988-1991).

Throughout his career, Mr. Motsek has successfully led large organizations with complex missions and fiscal challenges during periods of substantial change. He was commissioned as a 2nd Lieutenant in the United States Army in 1974 and retired as a Colonel in 2001.

VADM Kevin Scott, USN, Director, Joint Staff J7 Force Development

At sea, Vice Adm. Kevin Scott served as aircraft division officer and maintenance test pilot, Helicopter Mine Countermeasures Squadron (HM) 14; aircraft handler aboard USS Inchon (LPH 12) and HM-14 operations officer and detachment officer in charge. He commanded HM-14, commanded Mine Countermeasures Squadron (MCMRON) 1 as commodore and later served as commander, Expeditionary Strike Group (ESG) 2.



Ashore, Scott served as air combat placement officer, Bureau of Naval Personnel; operations officer, Commander Tactical Wing Atlantic; military aide to the vice president; current operations chief and division chief, Joint Forces Command; director of aviation officer, Distribution Division (PERS 43), Naval Personnel Command; acting director, Expeditionary Warfare Division, Washington D.C.; deputy commander, U.S. Naval Forces, U.S. Central Command and director, Joint Fleet Operations, N3/5, U.S. Fleet Forces Command, Suffolk, Virginia.

Scott assumed duty as director for Joint Force Development (J7) on the Joint Staff, Washington D.C., in July 2016. In that position he oversees the integration of joint training, concept development, operational analysis and lessons learned activities to achieve the chairman's vision for Joint Force 2020. He most recently served as vice director for Joint Force Development (J7), Suffolk.

RDML Peter Stamatopoulos, USN, Strategic Mobility and Combat Logistics Division Director

Rear Adm. Peter Stamatopoulos's operational assignments include USS Chicago (SSN 721); USS Constellation (CV 64); Logistics Forces, U.S. Naval Forces Central Command (CTF 53); Expeditionary Strike Group (ESG 3) embarked USS Peleliu (LHA 5) and Commander, Task Force 59, U.S. 5th Fleet. During those tours he participated in operations Desert Storm, Southern



Watch, Determined Response, Enduring Freedom and the Non-Combatant Evacuation of American Citizens from Lebanon.

Ashore, he most recently served as director, fleet ordnance and supply and fleet supply officer (N41) on the staff of Commander, U.S. Fleet Forces Command, Norfolk, Virginia. His other shore assignments include assistant chief of staff, Logistics and Ordnance, Commander, Naval Surface Forces Pacific, San Diego; commanding officer, Naval Supply Systems Command (NAVSUP) Fleet Logistics Center, San Diego; chief of staff, NAVSUP Global Logistics Support, San Diego; Logistics Services Division chief, Joint Chief of Staff J4, Washington, D.C.; head Program Objective Memorandum Development Section, Office of the Chief of Naval Operations N80, Washington, D.C.; executive assistant to the vice commander, NAVSUP, Mechanicsburg, Pennsylvania; and supply officer, Fighter Wing U.S. Pacific Fleet and Fighter Squadron (VF) 124, San Diego.

Mr. William Williford, III, Executive Director, Marine Corps Systems Command

Mr. Williford was named Executive Director, Marine Corps Systems Command, in December 2016. In this position, he serves as the senior civilian official responsible for leading and directing daily business operations for the Command.



Mr. Williford formerly served as the Director, Integrated Warfare Systems Engineering responsible for oversight of \$10 billion annually of Command, Control, Communications, Computers, Combat Systems, and Intelligence systems (C5I) research, development, delivery, certification for deployment, and life cycle support for United States Navy ships. In this capacity, he was the Deputy Warranted Technical and Certification Authority for Navy Integrated Warfare Capability.

Mr. Williford provided leadership in command-wide efforts to identify and manage engineering workforce related challenges including strategic planning advanced concepts, integrated warfare systems engineering, human systems integration, integration and interoperability (I&I), warfare systems certification and readiness, interior communications and cybersecurity.

Mr. Williford's previous Senior Executive assignment was the Director, Integrated Combat Systems, Program Executive Office, Integrated Warfare Systems responsible for systems engineering to develop world class integrated Combat Systems for the United States Navy. In this assignment, he was responsible for Surface Ship and Submarine Combat Systems including Aegis for Destroyers/Cruisers, and Ship Self Defense System for Carriers and Amphibious Ships. In addition, he was responsible for combat systems that included Total Ship Computing Environment for DDG 1000, the Littoral Combat Ship, and a multitude of sensors, electronic warfare systems, missiles, guns, ammunition, launch systems, and countermeasures encompassing 150+ programs with annual budget authority of \$6.4 billion.

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