

**NDIA**

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# **23<sup>RD</sup> ANNUAL EXPEDITIONARY WARFARE CONFERENCE**

**EXPEDITIONARY OPERATIONS – FORCES IN CONTACT**



October 16 – 18, 2018

Westin Annapolis

Annapolis, MD

[NDIA.org/EWC18](http://NDIA.org/EWC18)

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## NDIA

### WHO WE ARE

The National Defense Industrial Association is the trusted leader in defense and national security associations. As a 501(c)(3) corporate and individual membership association, NDIA engages thoughtful and innovative leaders to exchange ideas, information, and capabilities that lead to the development of the best policies, practices, products, and technologies to ensure the safety and security of our nation. NDIA's membership embodies the full spectrum of corporate, government, academic, and individual stakeholders who form a vigorous, responsive, and collaborative community in support of defense and national security. For more information, visit [NDIA.org](http://NDIA.org)

## SCHEDULE AT A GLANCE

### TUESDAY, OCTOBER 16

**Table Top Displays**  
6:30 am – 6:30 pm

**General Session**  
7:15 am - 4:45 pm

**Reception and Smith-Turner  
Award Dinner**  
5:30 - 8:30 pm

### WEDNESDAY, OCTOBER 17

**Table Top Displays**  
9:00 am – 5:00 pm

**General Session**  
9:45 am - 5:00 pm

**No-Host Happy Hour**  
Fado Irish Pub  
5:30 pm

### THURSDAY, OCTOBER 18

**Classified Session**  
Northrop Grumman  
8:00 am - 1:00 pm



# EXPEDITIONARY WARFARE DIVISION

## WHO WE ARE

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.

**LEADERSHIP**

**RADM Sinclair Harris, USN (Ret)**  
Division Chair

**Col Jim Strock, USMC (Ret)**  
Division Vice Chair

**Col Clyde Woltman, USMC (Ret)**  
Conference Chair

# 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.

# EVENT INFORMATION

## LOCATIONS

### TUESDAY & WEDNESDAY

The Westin Annapolis  
100 Westgate Circle  
Annapolis, MD 21401

### THURSDAY (CLASSIFIED)

Northrop Grumman Corporation  
895 Oceanic Drive  
Annapolis, MD 21409

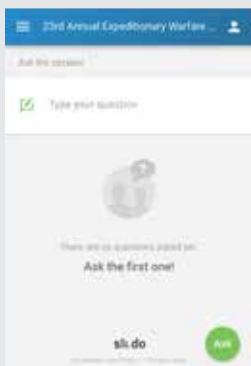
## ATTIRE

Civilian: Business | Air Force: Service Uniform | Army: Class B | Coast Guard: Tropical Blue Long | Marine Corps: Class C | Navy: Service Khaki (Service Dress Blue for Tuesday's dinner)

## WIRELESS INTERNET

Network: Westin-Conference  
Password: westin10

## SLIDO



### Ask and vote for your top questions during the 23rd Annual EWC

Slido is an audience engagement platform that allows users to crowdsource top questions to drive meaningful conversations and increase crowd participation.

### Maximize effectiveness of Q&A time

Participants can upvote which questions they would like to hear discussed the most. Simply tap the thumbs-up button to up vote a question.

Top questions are displayed for the moderator and speaker to answer.

You can also participate at [slido.com](http://slido.com)

### Event code: EWC18

You will receive via email a survey and list of attendees (name and organization) after the conference. Please complete the survey, which helps make our event even more successful in the future.

## SURVEY AND PARTICIPANT LIST

## EVENT CONTACT

### Elizabeth Richards, CMP

Meeting Manager  
(703) 247-2588  
[erichards@ndia.org](mailto:erichards@ndia.org)

### Andrea Lane

Meeting Planner  
(703) 247-2554  
[alane@ndia.org](mailto:alane@ndia.org)

### Tatiana Jackson

Program Coordinator  
(703) 247-9479  
[tjackson@ndia.org](mailto:tjackson@ndia.org)

## SESSION CHAIRS

### Clyde Woltman

Event Chair

### John Flanagan

Session Chair

### Jon Padfield

Session Chair

### Reed Bolick

Session Chair

### Joe Martin

Session Chair

### Mark Rios

Session Chair

### Shon Brodie

Session Chair

### Terry McKearney

Session Chair

### Jim Strock

Session Chair

## SPEAKER GIFTS

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

## HARASSMENT STATEMENT

NDIA is committed to providing a professional environment free from physical, psychological and verbal harassment. NDIA will not tolerate harassment of any kind, including but not limited to harassment based on ethnicity, religion, disability, physical appearance, gender, or sexual orientation. This policy applies to all participants and attendees at NDIA conferences, meetings and events. Harassment includes offensive gestures and verbal comments, deliberate intimidation, stalking, following, inappropriate photography and recording, sustained disruption of talks or other events, inappropriate physical contact, and unwelcome attention. Participants requested to cease harassing behavior are expected to comply immediately, and failure will serve as grounds for revoking access to the NDIA event.

## TUESDAY, OCTOBER 16

6:30 am – 5:00 pm **REGISTRATION**  
CAPITOL FOYER

6:30 – 7:15 am **NETWORKING BREAKFAST**  
CAPITOL FOYER

7:15 – 7:30 am **WELCOME AND INTRODUCTORY REMARKS**  
CAPITOL BALLROOM

**MG James Boozer Sr., USA (Ret)**  
Chief of Staff, NDIA

**RADM Sinclair Harris, USN (Ret)**  
Vice President, Business Development, Defense, LMI  
Chair, Expeditionary Warfare Division, NDIA

7:30 – 8:15 am **MORNING KEYNOTE ADDRESS**  
CAPITOL BALLROOM

**The Honorable James “Hondo” Geurts**  
Assistant Secretary of the Navy (Research, Development and Acquisition)

8:15 – 8:45 am **NETWORKING BREAK**  
CAPITOL FOYER

8:45 – 9:45 am **INTERNATIONAL PANEL**  
CAPITOL BALLROOM

**Shon Brodie**  
Co-Director Maritime Expeditionary Warfare, U.S. Marine Corps  
*Moderator*

**LtCol Ben Toyne**  
Australian Liaison Officer, U.S. Marine Corps

**LtCol José Ignacio Yániz López**  
Spanish Liaison Officer, U.S. Marine Corps

**LtCol Christophe DeGand**  
French Liaison Officer, U.S. Marine Corps

**LtCol Martin Collin**  
United Kingdom Liaison Officer, U.S. Marine Corps

**LtCol Nimrod Gross**  
Israel Defense Forces Liaison Officer, U.S. Marine Corps

9:45 – 10:15 am **NETWORKING BREAK**  
CAPITOL FOYER





**MAKE THE FIRST  
ROUND COUNT.**

\*Shown with optional 3x magnifier



## Trijicon MGRS®

Significantly increase your first-round hit probability with the Trijicon® Machine Gun Reflex Sight. The MGRS® was designed specifically to aid the machine gunner in rapid target acquisition while maintaining situational awareness by keeping both eyes open. This non-magnified optic mounts to both M2 and M240 machine guns and provides enhanced accuracy and performance.

- Large objective lens with 3 in. x 2 in. viewing area allows users to rapidly acquire targets
- Interchangeable ranging dials for increased flexibility
- 35 MOA-Segmented circle with 3 MOA Dot for increased probability of first-round hits
- Forged 7075-T6 aluminum housing to perform in punishing conditions

View the technology  
at [Trijicon.com/MGRS](https://www.trijicon.com/MGRS).



10:15 – 11:30 am

**CONGRESSIONAL PANEL**

CAPITOL BALLROOM

**Col Jim Strock, USMC (Ret)**

Jim Strock Consulting, LLC

*Moderator***Ronald O'Rourke**

Naval Analyst, Congressional Research Service

**Dr. Eric Labs**

Senior Analyst for Naval Weapons and Forces, National Security Division, Congressional Budget Office

11:30 am – 12:30 pm

**NETWORKING LUNCH**

CAPITOL FOYER AND BALLROOM

12:30 – 2:00 pm

**OPERATING IN THE LITTORAL WORLD PANEL**

CAPITOL BALLROOM

**Jon Padfield**

Corporate Director, Customer Affairs Amphibious and Auxiliary Ship Programs, Huntington Ingalls Industries

*Moderator***CAPT Jack Killman, USN**Commander, Amphibious Squadron 4/*Iwo Jima* ARG**CAPT Lenny Lyon, USN**

MOC Director, Navy Expeditionary Combat Command

**Col Farrell Sullivan, USMC**Commanding Officer, 26 MEU/*Iwo Jima* ARG

2:00 – 3:30 pm

**MINE WARFARE PANEL**

CAPITOL BALLROOM

**Dr. Sam Taylor**

Senior MIW Leader, PEO USC

*Moderator***CAPT Danielle George, USN**

Program Manager, Mine Warfare (PMS 495)

**Stephen Olson**

MIW Branch Head, OPNAV 952

**CAPT Peter Small, USN**

Program Manager, Unmanned Maritime (PMS 406)

3:30 – 4:00 pm

**NETWORKING BREAK**

CAPITOL FOYER

4:00 – 4:45 pm

**AFTERNOON KEYNOTE ADDRESS**

CAPITOL BALLROOM

**LtGen David Berger, USMC**

Commanding General of the Marine Corps Combat Development Command (MCCDC) and Deputy Commandant, Combat Development and Integration (CD&amp;I)

5:30 – 8:30 pm

**RECEPTION AND SMITH TURNER EXPEDITIONARY OPERATIONS AWARD DINNER**

CAPITOL FOYER AND BALLROOM

**The Honorable Thomas Modly**

Under Secretary of the Navy

## WEDNESDAY, OCTOBER 17

9:00 am – 5:00 pm **REGISTRATION**  
CAPITOL FOYER

9:00 – 9:45 am **NETWORKING BREAKFAST**  
CAPITOL FOYER

9:45 – 10:00 am **WELCOME AND INTRODUCTORY REMARKS**  
CAPITOL BALLROOM

**Col Clyde Woltman, USMC (Ret)**  
Senior Director, Defense, Aerojet Rocketdyne Washington DC Operations

10:00 – 11:15 am **THINK TANK PANEL**  
CAPITOL BALLROOM

**Frank DiGiovanni, SES**  
Deputy Director, Expeditionary Warfare Division  
*Moderator*

**Col Mark Cancian, USMC (Ret)**  
Senior Advisor, CSIS

**Dr. Jerry Hendrix**  
Former Senior Fellow and Director, CNAS

**Bryan McGrath**  
Managing Director, The FerryBridge Group

**LtCol Dakota Wood, USMC (Ret)**  
Senior Research Fellow, Heritage Foundation

11:15 am – 12:15 pm **NETWORKING LUNCH**  
CAPITOL FOYER AND BALLROOM

12:15 – 1:30 pm **MAGTF CAPABILITIES DEVELOPMENT AND ACQUISITION PANEL**  
CAPITOL BALLROOM

**Col Jim Strock, USMC (Ret)**  
Jim Strock Consulting, LLC  
*Moderator*

**BGen James Adams, USMC**  
Director, Capabilities Development Directorate,  
Headquarters, U.S. Marine Corps Combat  
Development and Integration

**BGen Christian Wortman, USMC**  
Commanding General, Marine Corps Warfighting Laboratory

1:30 – 3:00 pm **PEO SHIPS SESSION**  
CAPITOL BALLROOM

**RADM William Galinis, USN**  
Program Executive Officer, Ships  
*Moderator*



3:00 – 3:30 pm

**NETWORKING BREAK**

CAPITOL FOYER

3:30 – 5:00 pm

**RESOURCE SPONSORS SESSION**

CAPITOL BALLROOM

**MajGen David Coffman, USMC**

Director, Expeditionary Warfare Division, OPNAV 95

*Moderator*

5:30 pm

**NO-HOST HAPPY HOUR AT FADO IRISH PUB**

The NDIA has a policy of strict compliance with federal and state antitrust laws. The antitrust laws prohibit competitors from engaging in actions that could result in an unreasonable restraint of trade. Consequently, NDIA members must avoid discussing certain topics when they are together at formal association membership, board, committee, and other meetings and in informal contacts with other industry members: prices, fees, rates, profit margins, or other terms or conditions of sale (including allowances, credit terms, and warranties); allocation of markets or customers or division of territories; or refusals to deal with or boycotts of suppliers, customers or other third parties, or topics that may lead participants not to deal with a particular supplier, customer or third party.

# THANK YOU TO OUR SPONSORS



## INGALLS SHIPBUILDING

### PREMIER SPONSOR

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 80-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, America (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.



# CLASSIFIED SESSION

## OVERVIEW

The optional classified session on Thursday, October 18 will begin at 8:00 am; registration will begin at 7:00 am. 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.

## LOCATION

Northrop Grumman Corporation  
895 Oceanic Drive  
Annapolis, MD 21409

## DRIVING 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

## THURSDAY, OCTOBER 18 – CLASSIFIED SESSION

7:00 – 8:00 am

### REGISTRATION

NORTHROP GRUMMAN ANNAPOLIS

7:00 – 8:00 am

### COFFEE AND NETWORKING

8:00 – 8:05 am

### WELCOME AND INTRODUCTORY REMARKS

Alan Lytle

Vice President, Northrop Grumman Undersea Systems

8:05 – 8:30 am

### KEYNOTE ADDRESS

RADM John Tammen, USN

Director, Undersea Warfare Division of the Chief of Naval Operations, N97

8:30 – 9:30 am

### INFORMATION WARFARE

RADM Steve Parode, USN

Director, Warfare Integration Directorate, N2/N6F

9:30 – 9:45 am

### NETWORKING BREAK

9:45 – 10:45 am

### SPECIAL OPERATIONS

CAPT David Markle, USN

Director of Naval Special Warfare Branch, N951

10:45 – 11:45 am

### MINE WARFARE

**RADM Frank Morneau, USN (Ret)**

Chief Operations Officer, Maritime Applied Physics Corporation  
*Moderator*

**CAPT Christopher Merwin, USN**

Director of Mine Warfare, Surface and Mine Warfighting Development Command

**CDR Patrick Gendron, USN**

Commanding Officer, Helicopter Mine Countermeasures Squadron Twelve

**CAPT Alan Worthy, USN**

Commodore, Helicopter Sea Combat Wing Atlantic

**Dr. Peter Adair**

MIW Director, NSWC Panama City Division

11:45 am – 12:00 pm

### NETWORKING BREAK

12:00 – 12:30 pm

### ADVANCEMENTS IN AMPHIBIOUS TACTICS

**LCDR Ryan McBride, USN**

Surface Warfare Officer, Naval Surface and Mine Warfighting Development Center

12:30 – 1:00 pm

### AUTONOMOUS EXPEDITIONARY SYSTEMS: OFFICE OF NAVAL RESEARCH PROGRAMS

**CAPT Carl “Carlos” Conti, USN (Ret)**

Technical Director, Spatial Integrated Systems



## SAVE THE DATE

### 30<sup>TH</sup> ANNUAL SO/LIC SYMPOSIUM & EXHIBITION

February 5 – 7 | Arlington, VA

[NDIA.org/SOLIC19](https://ndia.org/SOLIC19)

For 17 years – and counting – of combat operations, the business of Special Operations has evolved through policy, technology and lessons learned.

Emerging threats from near-peer adversaries,

changes in administrations, politics and policy all challenge stakeholders in unique ways. Through it all, it remains one SOCOM.

The 30th Annual SO/LIC Symposium and Exhibition will focus on that entire, singular SOCOM enterprise.

Operators’ success is dependent on collaboration among all contributors, whatever their roles or means of mission.

# KEYNOTE BIOGRAPHIES



## LTGEN DAVID BERGER, USMC

*Commanding General of the Marine Corps Combat Development Command (MCCDC) and Deputy Commandant, Combat Development and Integration (CD&I)*

Lieutenant General Berger was commissioned as an infantry officer in 1981 following graduation from Tulane University.

As a Lieutenant and Captain, he served as platoon commander in 1st Marine Division, and later as Company Commander and battalion Operations Officer in 2d Reconnaissance Battalion during Operation DESERT STORM. He also served as Officer Selection Officer in Roanoke, Virginia.

As a field grade officer, Lieutenant General Berger was an instructor at Marine Aviation Weapons and Tactics Squadron One (MAWTS-1) in Yuma, Arizona; instructor at III Marine Expeditionary Force Special Operations Training Group; and served on the Joint Staff as a policy planner in the Strategic Plans and Policy Directorate, J-5.

Lieutenant General Berger commanded 3d Battalion, 8th Marines from 2002 to 2004, deploying the battalion first to Okinawa,

and later to Haiti in support of Operation SECURE TOMORROW. As a Colonel, Lieutenant General Berger commanded Regimental Combat Team 8 in Fallujah, Iraq during Operation IRAQI FREEDOM. While serving as Assistant Division Commander of 2d Marine Division, he was appointed to the rank of Brigadier General. He then deployed to Kosovo, where he served for one year as Chief of Staff for KFOR Headquarters in Pristina. From 2009 to 2011, he served at Headquarters, U.S. Marine Corps as the Director of Operations in the Department of Plans, Policies, and Operations.

In 2012, he deployed to Afghanistan as the Commanding General of 1st Marine Division (Forward) in support of Operation ENDURING FREEDOM.

In July 2014, Lieutenant General Berger was promoted to his current rank and assumed command of I Marine Expeditionary Force and subsequently assumed command of U.S. Marine Corps Forces, Pacific.

On 28 August 2018, Lieutenant General Berger assumed responsibility as the Commanding

General, Marine Corps Combat Development Command, and the Deputy Commandant for Combat Development and Integration, Headquarters, U.S. Marine Corps.

In addition to a B.S. in Engineering, he holds a Master of International Public Policy from Johns Hopkins University School of Advanced International Studies, and a M.S. in Military Studies. His formal military education includes the U.S. Army Infantry Officer Advanced Course, U.S. Marine Corps Command and Staff College, and U.S. Marine Corps School of Advanced Warfighting. He is a graduate of the U.S. Army Ranger School, Jumpmaster School, U.S. Navy Dive School, and U.S. Marine Corps Amphibious Reconnaissance School.



## JAMES "HONDO" GEURTS

*Assistant Secretary of the Navy (Research, Development, and Acquisition)*

On Dec. 5, 2017, Mr. James F. Geurts was sworn in as Assistant Secretary of the Navy for Research, Development & Acquisition (ASN (RD&A)), following his confirmation by the Senate November 2017. As the Navy's acquisition executive, Mr. Geurts has oversight of an annual budget in excess of \$60 billion and is responsible for equipping and supporting the finest Sailors and Marines in the world with the best platforms, systems and technology as they operate around the globe in defense of the Nation.

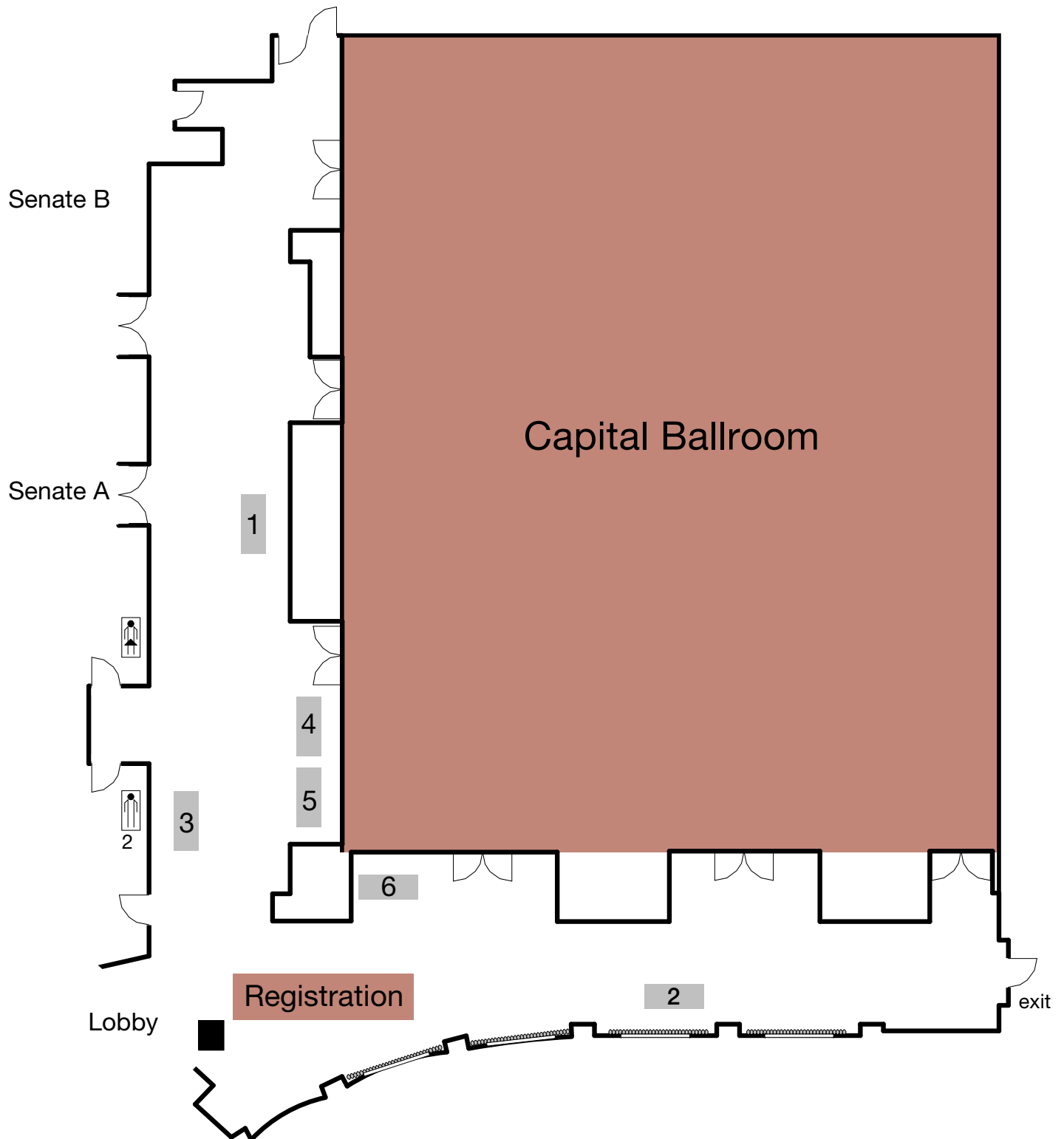
Mr. Geurts previously served as the Acquisition Executive, U.S. Special Operations Command (USSOCOM), at MacDill Air Force Base (AFB), Florida, where he was responsible for all special operations forces acquisition, technology and logistics. In this position his innovative

leadership and technological ingenuity provided rapid and affordable acquisition that positively impacted the USSOCOM acquisition work force and the special operations forces capability on the battlefield. These contributions were recognized by both private and public institutions during his tenure to include earning the Presidential Rank Award, USSOCOM Medal, William Perry Award and Federal Times Vanguard Award for Executive of the Year.

Prior to Senior Executive Service, Mr. Geurts began his career as an Air Force officer where he served as an acquisition program manager with engineering and program management leadership positions in numerous weapon systems including intercontinental ballistic missiles, surveillance platforms, tactical fighter aircraft, advanced avionics systems, stealth cruise missiles, training systems and manned and unmanned special operations aircraft.

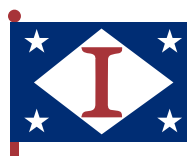
He has over 30 years of extensive joint acquisition experience and served in all levels of acquisition leadership positions including Acquisition Executive, Program Executive Officer and Program Manager of Major Defense Acquisition Programs.

Mr. Geurts is a distinguished 1987 ROTC graduate from Lehigh University where he received a Bachelor of Science in Electrical Engineering. He holds a Master of Science in Electrical Engineering from Air Force Institute of Technology, Wright-Patterson AFB and in National Security Resourcing from Industrial College of the Armed Forces, National Defense University, Washington, D.C. Mr. Geurts also attended executive leadership and international studies programs at Harvard Kennedy School and George Washington Elliot School.





# DISPLAYER DESCRIPTIONS



**Ingalls  
Shipbuilding**  
A Division of Huntington Ingalls Industries

## INGALLS SHIPBUILDING

TABLE 3

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 80-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, America (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.



ASV

## L3 ASV

TABLE 1

L3 ASV is a leading unmanned surface vehicle (USV) and autonomous surface vehicle control systems company with over 1500 operational days of service to date. The proprietary software and control systems have been delivered on over 100 systems, 15 of which are conversions of existing vessel platforms. Our team has extensive experience in concept design, build and operation of unmanned surface vehicles that are designed for a variety of applications. These include military, security, offshore energy and scientific applications. L3 Technologies is an agile innovator and leading provider of global ISR, communications and networked systems, and electronic systems for military, homeland security and commercial aviation customers.



## NAVAL HISTORY AND HERITAGE COMMAND

TABLE 4

The NHHC manages the official history program of the United States Navy, fulfilling its mission to strengthen the Navy's effectiveness by preserving, analyzing, and interpreting the service's hard-earned experience. A professional staff of historians, archivists, librarians, museum specialists, and naval personnel carries out historical activities and supports the fleet.



## RHEINMETALL DEFENCE

TABLE 5

Rheinmetall Defence is a major systems supplier with many years of experience and innovation. The company offers a broad range of products and services. Rheinmetall Defence and its divisions Weapon and Ammunition, Electronic Solutions and Vehicle Systems set the global standard for excellence in a wide array of disciplines, including combat & tactical vehicles, force protection, weapon systems, infantry equipment, air defence, network-enabled warfare and simulation technology. Rheinmetall specializes in providing high quality components and innovative systems that protect people, vehicles, aircraft, ships and installations. The company is an industry leader in active and passive protection solutions.



## SYSTEMATIC, INC.

TABLE 6

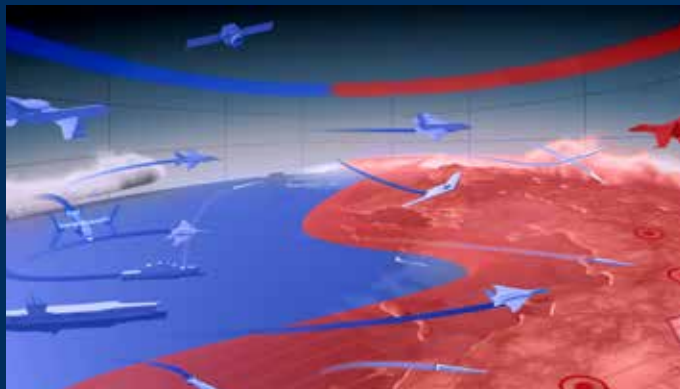
Systematic creates reliable C4I integration solutions that are changing the future of command and control within the Department of Defense. Chosen to be the open architecture for the U.S. Army mission command, Systematic's products and services provide the warfighter with enhanced situational awareness at all levels of command. Systematic's SitaWare offers world-class interoperability with other U.S. Services, NATO and coalition partners, the ability to adapt to future operational requirements, but most of all, SitaWare delivers greater security to those on the front lines.



## TRIJICON, INC.

TABLE 2

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. As a result, Trijicon has earned the trust of those who are most in need of aiming accuracy and dependability. 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.



## REGISTER NOW

### 2018 AIRCRAFT SURVIVABILITY SYMPOSIUM

November 6 – 8 | Monterey, CA

[NDIA.org/Aircraft18](http://NDIA.org/Aircraft18)

This SECRET/NOFORN symposium is the forum for discussion of survivability technologies, sustainment and operations, threats and counter measures in a classified environment. An optional day of tutorials is followed by two days of keynotes, technical briefs and poster presentations. With extended breaks, lunches and a networking reception, the symposium is specifically structured to facilitate relaxed dialogue and continuous networking opportunities among senior level government and industry representatives, the armed services, and academia.



## SAVE THE DATE

### 35<sup>TH</sup> ANNUAL NATIONAL LOGISTICS FORUM

April 10 – 11 | Tampa, FL

[NDIA.org/Logistics19](http://NDIA.org/Logistics19)

Logistics is complicated. We'll pull it all together for you this April in Tampa.

The 35th Annual National Logistics Forum will bring together senior government and industry policy officials and practitioners to tackle the challenges of delivering capabilities and services in severely resource-constrained environments.

Maintaining military readiness in the face of rapidly changing threats and declining state-of-force availability takes innovation. We'll assess logistics support to the warfighter based on present and future constraints in the coming years.

# PURPOSE-BUILT WORK-CLASS AUTONOMOUS VESSELS



# AUTONOMOUS RHIB CONVERSIONS



# AUTONOMOUS BOAT CONVERSIONS



# HIGH-SPEED UNMANNED MARINE TARGETS



## STOP BY TABLE 1

AUTONOMOUS VESSEL TECHNOLOGY FOR SAFER AND MORE EFFECTIVE SOLUTIONS TO SECURITY, RECONNAISSANCE, MINE COUNTERMEASURES, AND WEAPONS TESTING.

[WWW.ASVGLOBAL.COM/EWC2018](http://WWW.ASVGLOBAL.COM/EWC2018)



ASV