



# Department of the Navy

Interchangeable and fast  
solutions for littoral SOF

**DATE 5-24-2023**



# Introduction

## □ Experiences

- ◆ Army – Lieutenant Colonel, U.S. Army National Guard
- ◆ Navy – Senior Intelligence Officer and Director, SO/IW, Sensitive Activities, and Special Programs
- ◆ Education – West Point, Georgetown, Command and General Staff

## □ Roles as DUSN I&S Director of SO/IW:

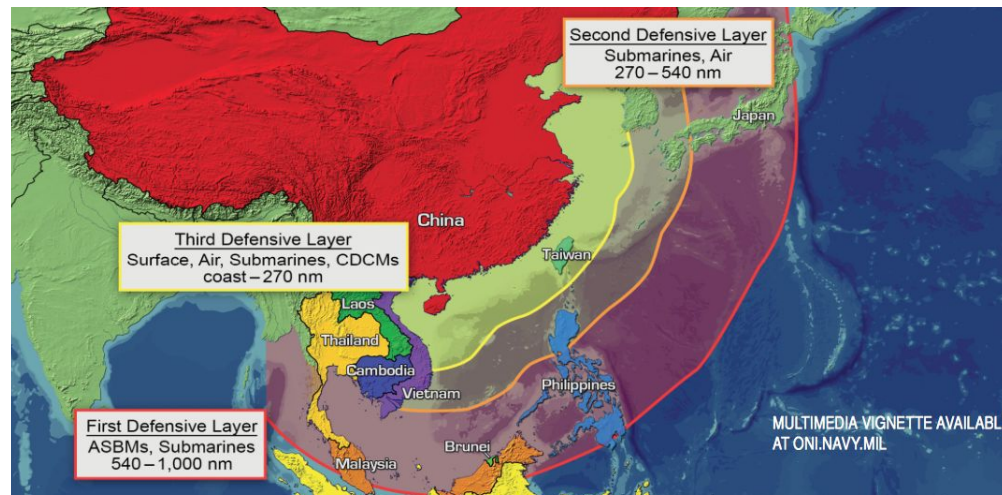
- Advance Internal and External Education
- Inform Organizational Changes
- Enable Operations with Partners and Allies
- Identify and Support Revolutionary Technology Development





# Strategic Context

- Evolving Naval Security Environment (favoring the defense)
  - ◆ Growing importance of coastal and littoral areas (population, trade, maritime chokepoints in the global commons)
  - ◆ Persistent surveillance challenges (subsurface, drones, satellites)
  - ◆ Improved range, accuracy, and lethality of stand-off coastal weapons – creating challenging A2AD environment
  - ◆ Creates need for rapidly deployable, adaptable, survivable, and stealthy solutions for littoral access for the Joint Force and SOF





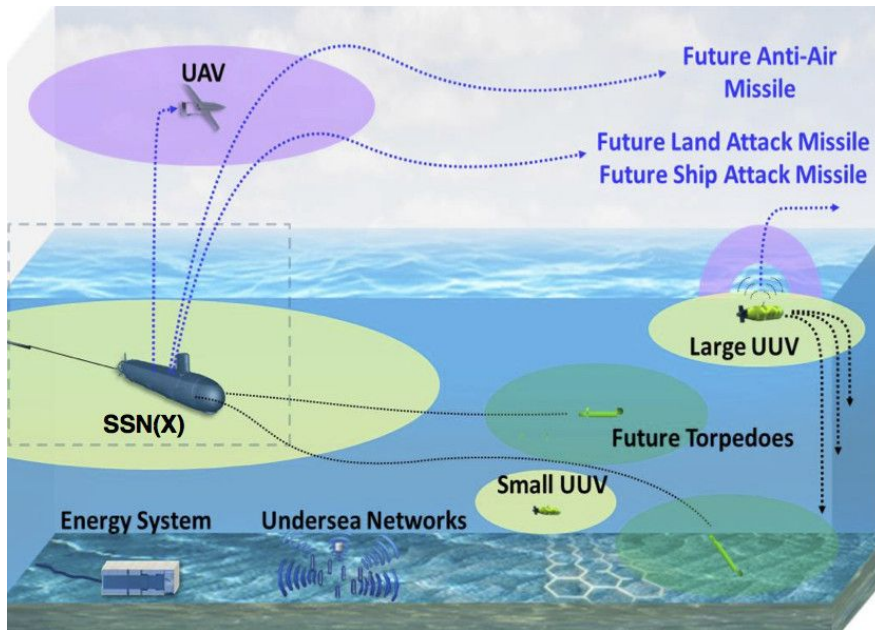
# Dry Combat Submersible

- Features - 39.4 feet long with a 30-ton displacement and can carry up to eight special operators (in a dry compartment) plus two pilots.
- Capabilities - Can remain underwater for 24 hours, has a range of 60 miles and can travel at depths of 330 feet.
- Operational by 29 MAY 2023 and pursuing full integration of DCS Next for operations from current and future US Navy submarines (such as Virginia SSN)





# Scope For Increasing Capabilities



- Seek to improve carrying capacity, range, speed, and stealth of future delivery vehicles as A2AD environment continues evolution
- Integration of Unmanned Air/Underwater Vehicles and discrete communications
- Increased emphasis on subsea and seabed warfare as vulnerabilities in communications and energy infrastructure emerge



# Conclusion

- Development and fielding of DCS will revolutionize SOF infiltration
- Continued innovation and integration of emerging tech will further improve and expand subsea and seabed capabilities
- Competitors are continuously improving their A2AD capabilities to deny us access to littorals
- We must partner with industry to keep pace with and exceed the pace of development of major global competitors





# Interchangeable and Fast Solutions for Littoral SOF

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# Questions?

Contact DUSN (I&S) for questions regarding these slides at  
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