

STS 2024 Program Agenda – FINAL

Tuesday, 14 May 2024 (AM)	Tuesday, 14 May 2024 (PM)	Wednesday, 15 May 2024 (AM)	Wednesday, 15 May 2024 (PM)	Thursday, 16 May 2024 (AM)
<p>7:00 Registration / Continental Breakfast</p> <p>8:00 Administrative Remarks Ray Wiggin, Program Chair, JHU/APL</p> <p>8:05 Welcome – Mr. Chris Watkins, JHU/APL Sea Control Mission Area</p> <p>8:15 Call to Order Opening Remarks VADM Joseph Tofalo, USN, Ret.</p> <p>8:25 ADM Jonathan Greenert, USN, Ret. Chairman, Naval Submarine League</p> <p>8:30 Keynote – ADM William Houston, USN, Director, Naval Reactors</p> <p>Enabling the Undersea from Seabed to Space</p> <p>9:00 Session Chair Introduction</p> <p>9:10 Fleet Brief – CAPT Steve Mongold, Director, Submarine Maintenance Operations Center</p> <p>9:35 Submarine Non-Geostationary Orbit Satellite Communications Study</p> <p>10:00 Break and Exhibits</p> <p>10:25 Medium Diameter Submarine Launched Unmanned Air System (SLUAS) Development and Employment</p> <p>10:50 Tactical Engagement of the Adversary in the Modern EW Domain</p> <p>11:15 OKANE: An AI-enabled Decision Support System For Approach and Attack</p> <p>11:40 Question & Answer Period</p>	<p>11:55 Break – Transition to Dining Area</p> <p>12:10 Lunch</p> <p>12:55 Break – Transition to Auditorium</p> <p>1:05 Luncheon Speaker – Mr. Dale Rielage</p> <p>1:35 Keynote – RADM Richard Seif, USN, COMSUBPAC</p> <p>Enhancing Undersea Access and Lethality</p> <p>2:05 Session Chair Introduction</p> <p>2:15 Fleet Brief – CDR Dave Beam, USN, CO USS COLORADO</p> <p>2:40 Break and Exhibits</p> <p>3:05 Technology Development for SSN(X)</p> <p>3:30 Project SEA-Ray: Covert Weapon System Development</p> <p>3:55 Payload Hosting for Future Submarines</p> <p>4:20 Advanced Structural Materials to Enable Platform Capability</p> <p>4:45 Question & Answer Period</p> <p>5:00 No Host Social</p> <p>6:30 Exhibits Closed</p>	<p>7:00 Registration / Continental Breakfast</p> <p>8:00 Introductions VADM Joseph Tofalo, USN, Ret.</p> <p>8:05 Keynote – VADM Robert Gaucher, USN, COMSUBFOR</p> <p>Seabed Warfare...The Next Domain</p> <p>8:35 Session Chair Introduction</p> <p>8:45 Fleet Brief – CAPT Ravi Desai, USN, CO TRIDENT Training Facility Bangor</p> <p>9:10 The Future of Virginia Class Seabed Sensing</p> <p>9:35 OpenAUV: Integrating AUV Mission Capability with a Government-Owned Software Framework</p> <p>10:00 Break and Exhibits</p> <p>10:25 Volumetric Low Frequency Broadband (LFBB) Synthetic Aperture Sonar for Deeply Buried Mines and Seabed Infrastructure</p> <p>10:50 Sea Archer</p> <p>11:15 Question & Answer Period</p> <p>11:30 Break – Transition to Dining Area</p> <p>11:40 Lunch</p> <p>12:25 Break – Return to Auditorium</p> <p>12:35 Luncheon Speaker</p> <ul style="list-style-type: none"> Dr. Eric Labs, Congressional Budget Office 	<p>1:05 Keynote – VADM Johnny Wolfe, USN, Director, SSP</p> <p>Strategic Forces... Deterring Tomorrow's Fight</p> <p>1:35 Session Chair Introduction</p> <p>1:45 Architectural Evolution of TRIDENT II (D5): How Architectural Development Unlocks Future Capabilities</p> <p>2:10 Laser Transduction for Underwater Communications</p> <p>2:35 Machine Learning for the Identification of Optimal Zones for Bathymetric Fixing</p> <p>3:00 Question & Answer Period</p> <p>3:15 Break and Exhibits</p> <p>3:40 US Panel Discussion Moderator: VADM Joseph Tofalo Panel Members:</p> <ul style="list-style-type: none"> OPNAV N97 – RADM Behning PEO SSNs – RDML Rucker PEO Strategic Submarines – RADM Pappano COMSUBGRU 2 – RDML Muckian <p>4:40 No Host Social</p> <p>5:45 Dinner (Exhibits Closed)</p> <p>6:30 Banquet Speaker</p> <ul style="list-style-type: none"> Under Secretary of the Navy Erik Raven 	<p>7:00 Registration / Continental Breakfast</p> <p>8:00 Introductions - VADM Joseph Tofalo, USN, Ret.</p> <p>8:05 VADM Willy Hilarides, USN, Ret. President, Naval Submarine League</p> <p>8:10 Keynote – Mr. Abraham Denmark, Senior Advisor to the Secretary of Defense</p> <p>Partnering to Prevail</p> <p>8:40 Session Chair Introduction</p> <p>8:50 UK Fleet Brief - Cdre David Filtness, RN, Deputy Commander (Operations), UK Maritime Operations Centre</p> <p>9:05 AUS Fleet Brief – Cdre Tom Phillips, RAN, Commander Submarine Force</p> <p>9:20 Ghost Shark: Partnering for Pace (AUS)</p> <p>9:45 An Australian Contribution to AUKUS Pillar II (AUS)</p> <p>10:10 Break and Exhibits</p> <p>10:35 Rapid Development of XLAUV 'CETUS' for the Royal Navy (UK)</p> <p>11:00 A UKUS Common Development Environment (US)</p> <p>11:25 Question & Answer Period</p> <p>11:40 AUKUS (Pillar I) Panel Discussion Moderator: VADM Joseph Tofalo Panel Members:</p> <ul style="list-style-type: none"> Program Manager, AUKUS Integration and Acquisition – RDML Lincoln Reifsteck, USN UK AUKUS Programme Director – Cdre Paul Carter, RN Head Nuclear Submarine Capability – RADM Matt Buckley, RAN <p>12:30 Adjourn</p>

