



UNCLASSIFIED

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)
7:00 Registration / Continental Breakfast	11:55 Break - Transition to Dining Area	7:00 Registration / Continental Breakfast		7:00 Registration / Continental Breakfast
8:00 Administrative Remarks Ray Wiggin, Program Chair, JHU/APL	12:10 Lunch	8:00 Introductions VADM Joseph Tofalo, USN, Ret.	1:05 Keynote – VADM Johnny Wolfe, USN, Director, SSP	8:00 Introductions - VADM Joseph Tofalo, USN, Ret.
8:05 Welcome – Mr. Chris Watkins, JHU/APL Sea Control Mission Area	12:55 Break - Transition to Auditorium	8:05 Keynote – VADM Robert Gaucher, USN, COMSUBFOR	Strategic Forces... Deterring Tomorrow's Fight	8:05 VADM Willy Hilarides, USN, Ret. President, Naval Submarine League
8:15 Call to Order Opening Remarks VADM Joseph Tofalo, USN, Ret.	1:05 Luncheon Speaker – Mr. Dale Rielage	Seabed Warfare...The Next Domain	1:35 Session Chair Introduction	8:10 Keynote – Mr. Abraham Denmark, Senior Advisor to the Secretary of Defense
8:25 ADM Jonathan Greenert, USN, Ret. Chairman, Naval Submarine League	1:35 Keynote – RADM Richard Seif, USN, COMSUBPAC	8:35 Session Chair Introduction	1:45 Architectural Evolution of TRIDENT II (D5): How Architectural Development Unlocks Future Capabilities	Partnering to Prevail
8:30 Keynote – ADM William Houston, USN, Director, Naval Reactors	Enhancing Undersea Access and Lethality	9:10 The Future of Virginia Class Seabed Sensing	2:10 Laser Transduction for Underwater Communications	8:40 Session Chair Introduction
Enabling the Undersea from Seabed to Space	2:05 Session Chair Introduction	9:35 OpenAUV: Integrating AUV Mission Capability with a Government-Owned Software Framework	2:35 Machine Learning for the Identification of Optimal Zones for Bathymetric Fixing	8:50 UK Fleet Brief - Cdre David Filtness, RN, Deputy Commander (Operations), UK Maritime Operations Centre
9:00 Session Chair Introduction	2:15 Fleet Brief – CDR Dave Beam, USN, CO USS COLORADO	10:00 Break and Exhibits	3:00 Question & Answer Period	9:05 AUS Fleet Brief – Cdre Tom Phillips, RAN, Commander Submarine Force
9:10 Fleet Brief – CAPT Steve Mongold, Director, Submarine Maintenance Operations Center	2:40 Break and Exhibits	10:25 Volumetric Low Frequency Broadband (LFBB) Synthetic Aperture Sonar for Deeply Buried Mines and Seabed Infrastructure	3:15 Break and Exhibits	9:20 Ghost Shark: Partnering for Pace (AUS)
9:35 Submarine Non-Geostationary Orbit Satellite Communications Study	3:05 Technology Development for SSN(X)	11:00 Break and Exhibits	3:40 US Panel Discussion Moderator: VADM Joseph Tofalo Panel Members: • OPNAV N97 - RADM Behning • PEO SSNs – RDML Rucker • PEO Strategic Submarines – RADM Pappano • COMSUBGRU 2 – RDML Muckian	9:45 An Australian Contribution to AUKUS Pillar II (AUS)
10:00 Break and Exhibits	3:30 Project SEA-Ray: Covert Weapon System Development	11:15 Question & Answer Period	4:40 No Host Social	10:10 Break and Exhibits
10:25 Medium Diameter Submarine Launched Unmanned Air System (SLUAS) Development and Employment	3:55 Payload Hosting for Future Submarines	11:30 Break - Transition to Dining Area	5:45 Dinner (Exhibits Closed)	10:35 Rapid Development of XLAUV 'CETUS' for the Royal Navy (UK)
10:50 Tactical Engagement of the Adversary in the Modern EW Domain	4:20 Advanced Structural Materials to Enable Platform Capability	11:40 Lunch	6:30 Banquet Speaker	11:00 AUKUS Common Development Environment (US)
11:15 OKANE: An AI-enabled Decision Support System For Approach and Attack	4:45 Question & Answer Period	12:25 Break - Return to Auditorium	• Under Secretary of the Navy Erik Raven	11:25 Question & Answer Period
11:40 Question & Answer Period	5:00 No Host Social	12:35 Luncheon Speaker • Dr. Eric Labs, Congressional Budget Office		11:40 AUKUS (Pillar I) Panel Discussion Moderator: VADM Joseph Tofalo Panel Members: • 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
	6:30 Exhibits Closed			12:30 Adjourn
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