



UNDERSEA TECHNOLOGY
INNOVATION CONSORTIUM

UTIC

CONVERSATIONS ON NATIONAL SECURITY

AUKUS

18 APRIL 2024

AUKUS



AUKUS is a trilateral partnership between Australia, the United Kingdom, and the United States.

It is about submarines AND it is more than just submarines.

It is advancing undersea technology.

It is developing the workforce and supply chain.

It is providing an ecosystem for innovation and technology opportunities for industry, academia, researchers, and governments.

AGENDA

0830 – Registration and Continental Breakfast

0900 – UTIC Welcome - Ms. Molly Donohue Magee, UTIC CEO

0910 – Keynote – Mr. David Eyre, Senior Maritime Advisor, DefenceSA, South Australia

0940 – Keynote – Dr. Peter Abbott - British Consul General to New England

1010 – Break

1030 – U.S. Navy Perspective

Ms. Marie Bussiere, Technical Director, Naval Undersea Warfare Center Division Newport

Ms. Meganne Atkins, Executive Director, Department of the Navy, AUKUS Integration and Acquisition Office

1130 – Lunch Break

1230 – South Australia – AUKUS perspective

-AUKUS Pillar 1 and South Australia Shipbuilding opportunities

-Why South Australia

-Defence Innovation Partnership

-Travelling Industry introductions

1400 – Break

1430 – AUKUS and Submarine Shipbuilding

Ms. Erica Holloway Logan, Deputy Director, Workforce –PEO SSBN/ Submarine Industrial Base Program

Ms. Jess Key, Manager of Supplier and Workforce Development, GD Electric Boat

1530 - Closing Remarks/Reception

QR Code on Table will Provide Program Document with Agenda and Bios of Speakers

UNDERSEA TECHNOLOGY INNOVATION CONSORTIUM

www.UNDERSEATECH.org

UTIC MISSION

Foster and support a collaborative environment for commercial, academic, and nonprofit organizations focused on the rapid development of innovative undersea and maritime technologies.

RAISE AWARENESS

Highlight innovative undersea and maritime-related technologies and applications across academic, defense and commercial markets.

COALESCE

Integrate a diverse range of organizations contributing to technology advancement in the undersea and maritime domains.

COLLABORATE

Drive cross-organization partnerships around technology innovation and prototyping for the mutual benefit of commercial and defense communities.

FACILITATE

Enable research, scholarship, and workforce development to aid the growth of undersea and maritime technologies.

BUILD

Develop a consortium of organizations and capabilities related to undersea and maritime technologies.

UTIC– WHAT WE DO



- Stood up in 2016 to be a resource for transitioning undersea technology from concept to prototype to market
- 4 June 2018 – Became Consortium for the Navy Undersea and Maritime Other Transaction Agreement
 - 89 projects awarded to date; ~\$700M
 - 262 UTIC members from 36 states and D.C.
- Focus on Workforce Development
 - Scholarship Program
 - Professional Development
 - Inaugural Challenge

UTIC Scholarship Program



- Awarded six (6) \$5000 scholarships in 2023 to undergraduate/graduate students with a focus on ocean/undersea technology
- 2024 Call for Scholarship Applications – closed 15 April

UTIC Professional Development Program

- Collaborated with the University of Rhode Island's (URI) College of Engineering and Raytheon, an RTX business, to provide UTIC members with a free virtual and in-person professional development course on sonar, underwater sounds, and undersea systems.
- Over 200 UTIC members completed the course, which ran from January through April of 2024.
- Genesis of the training came from Dr. John Short, renowned sonar technology expert, who previously was the Undersea Systems Technical Director at Raytheon and a Department of Navy Senior Executive at the Naval Undersea Warfare Center, Division Newport.
 - Saw this effort as an important knowledge transfer opportunity for the current and future workforce.

UTIC Workforce Development Prize Challenge

- Winners of the Inaugural UTIC Undersea Technology Workforce Development Prize Challenge were announced in February 2024. The challenge prize was \$15000 to each winning team.
- The challenge applications were from academic institutions in the United States, United Kingdom, and Australia (AUKUS) who proposed cross-country, undersea technology related, workforce development opportunities.
- Two winning teams were selected:

Transformation of a Hydraulic Flume into a Towing Tank for AUKUS Workforce Development

Lead by the University of Adelaide, Australia in partnership with the University College of London, United Kingdom.

Student Study Abroad Robotics Program in Support of AUKUS

Lead by the National Institute of for Undersea Vehicle Technology (NIUVT), United States in partnership with Flinders University, Australia and the University of Adelaide, Australia.

OUR TAG LINE FOR UTIC AND FOR TODAY'S EVENT



COMMUNICATE, COLLABORATE, INNOVATE

Accelerating Maritime and Undersea Technology
Innovation, Research, and Workforce Development