

# Australian Submarines – Cornerstone of Deterrence

SIA 12<sup>th</sup> Biennial Conference 4-6 November 2024



Monday 4 November 2024		
17:15–18:00	Registration	
18:00–20:00	Opening Reception – Sponsored by MacTaggart Scott Australia	
Tuesday 5 November 2024 – Day 1		
08:00-09:00	Registration and Coffee	Coffee Van sponsored by HTR Group
Session 1 – Plenary Session		
09:00-09:05	P1-1	Call to Order, Acknowledgement of Country, Administrative Arrangements– <b>CDRE Peter Scott CSC RAN (Rtd)</b> , Master of Ceremonies
09:05-09:15		Opening and introduction of Conference Charity - <b>Michael Fitzgerald</b> , SIA President
09:15-09:45	P1-2	Opening Address – <b>VADM Mark Hammond AO RAN</b>
09:45-10:15	P1-3	<b>Commodore Micheal Jacobson RAN</b> , Director General Submarines - <i>All Round Look</i>
10:15-10:20	<b>Australian SME Spotlight: PGM Environment</b>	
10:20-11:00	Break	Spotlight Partner : <b>PGM Environment</b>
Session 2 - Plenary Session		
11:00-11:15	P2-1	<b>Her Excellency Ms Caroline Kennedy</b> , Ambassador of the United States of America
11:15–11:45	P2-2	<b>Hon Richard Marles MP</b> , Deputy Prime Minister and Minister for Defence in conversation with the SIA President
11:45-12:15	P2-3	<b>RADM Kath Richards AM CSC RAN</b> , Head, Nuclear Powered Submarine Regulatory Design - <i>The Nuclear Powered Submarine Regulatory Landscape</i>
12:15-12:20	<b>Australian SME Spotlight: Acacia Systems</b>	
12:20–13:20	Lunch	Spotlight Partner: <b>Acacia Systems</b>
Session 3 – Plenary Session		
13:20-13:35	P3-1	<b>Her Excellency Victoria Treadell CMG MVO</b> , High Commissioner for the UK
13:35-14:25	P3-2	<b>AUKUS Panel: Her Excellency Victoria Treadell CMG MVO</b> , High Commissioner for the UK; <b>Captain Jason Pittman USN</b> , ASA US Liaison Officer ; <b>RADM Matthew Buckley CSC RAN</b> , Head of Nuclear Powered Submarine Capability, ASA Facilitator: <b>CDRE Peter Scott CSC RAN (Rtd)</b>
14:25-14:45	P3-3	<b>Hon Stephen Mullighan MP</b> , <i>SA Treasurer and Minister for Defence and Space Industries</i>
14:45-14:50	<b>Australian SME Spotlight: Blue Zone Group</b>	
14:50-15:20	Break	Spotlight Partner: <b>Blue Zone Group</b> Melbourne Cup
Sessions 4 - Plenary Session		
15:30–15:50	P4-1	Conference Gold Sponsor - SERCO
15:50–16:10	P4-2	<b>Adam Reid</b> , <i>Chief Executive, Department of State Development, SA Government</i>
16:10–16:40	P4-3	<b>Hon Andrew Hastie MP</b> , Shadow Minister for Defence
16:40–16:50	P4-4	<b>Close of Day 1 - Michael Fitzgerald</b> , SIA President
16:50–18:15	Break	
18:15–19:00	Pre-Dinner Drinks: Sponsored by JFD	
19:00–22:00	Conference Dinner	Speaker: <b>Peter Tesch</b> Dinner sponsored by <b>Defence SA</b> Dinner Wine sponsored by <b>Systems Planning &amp; Analysis</b>

## 12<sup>th</sup> Biennial Conference Charity

*In lieu of providing gifts for Conference speakers, the SIA will make a donation to the GO Foundation*

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## Wednesday 6 November 2024 – Day 2

Session 5		Stream Blue Chair: Bradley Robb	Stream Gold Chair: Sasha Shevtsova	
		Infrastructure & Workforce Session 1		Technology
08:30–08:55	B5-1	<b>Phillip Oxley</b> , Mott MacDonald, <i>Right Sizing the delivery of infrastructure</i>	G5-1	<b>Adam Rees-Leonard</b> , Amentum, <i>Maximizing Artificial Intelligence in an emergent Nuclear Powered Submarine Enterprise</i>
08:55–09:20	B5-2	<b>Peter Davie</b> , ASC, <i>Sovereign Ready – Building Australia’s AUKUS Capability</i>	G5-2	<b>Rob Wilson</b> , Helsing/Blue Ocean, <i>Autonomous Mobile Undersea Networks for Mosaic Warfare</i>
09:20–09:45	B5-3	<b>Tim Milledge</b> , Raytheon Australia, <i>Workforce Development Lessons</i>	G5-3	<b>William Hartridge</b> , QinetiQ UK, <i>The future of Australian maritime signatures</i>
09:45–10:10	B5-4	<b>Ed Robinson</b> , Turner & Townsend, <i>Delivering AUKUS - Overcoming the Challenges</i>	G5-4	<b>Tim Armstrong</b> , Atlas Elektronik UK, <i>Managing Submarine Stealth</i>
10:10-10:15	<b>Australian SME Spotlight: ALARP Solutions</b>			
10:15–10:45	<b>Break</b>	Spotlight Partner: <b>ALARP Solutions</b>		
Session 6		Stream Blue Chair: Sasha Shevtsova	Stream Gold Chair: Bradley Robb	
		Infrastructure & Workforce Session 2		Technology & Social Licence
10:45–11:10	B6-1	<b>Andy Maxwell</b> , Rolls Royce, <i>Developing a Nuclear Workforce - Overcoming Misconceptions and Seizing Opportunities</i>	G6-1	<b>Chris Cleghorn</b> , JFD, <i>Keeping AUKUS Submarines Safe</i>
11:10–11:35	B6-2	<b>Tracey Hanley</b> , UNSW, <i>Framework for an AUKUS Workforce Alliance Development of an Australian Sovereign Nuclear Workforce Ecosystem</i>	G6-2	<b>Mason Rabalais</b> , Systems Planning and Analysis, <i>AUKUS - Context, Agreement, and Future</i>
11:35–12:00	B6-3	<b>Alasdair Stirling</b> , ASC, <i>Best Laid Schemes-Some proposed conditions for submarine program success</i>	G6-3	<b>Liz McKinney-Bennett</b> , Mott MacDonald, <i>The imperative of winning public support</i>
12:00–12:25	B6-4	<b>Greg Parkinson</b> , Turner & Townsend, <i>Building for the future - Balancing AUKUS with infrastructure development and community needs</i>	G6-4	<b>Giles Evans</b> , ADCG, <i>Obtaining a Social License to Operate Nuclear-Powered Submarines</i>
12:25–12:50	B6-5	<b>Ashley Schneider</b> , H&B, <i>Nurturing Future Nuclear Leaders - A Holistic Approach to Workforce Development</i>		
12:50 -12:55	<b>Australian SME Spotlight: JEDS</b>			
12:55–13:40	<b>Lunch</b>	Spotlight Partner: <b>JEDS</b>		
Session 7 – Plenary Session				
13:40 -14:10	P7-1	<b>Hon Paul Papalia CSC MLA</b> , WA Minister for Defence Industry		
14:10-14:30	P7-2	Industry Plenary – Supply chain strategy and opportunities for industry: <b>Marius Pretorius</b> , General Manager, Supply Chain Strategy and Oversight, ASC		
14:30–15:20	P7-3	Panel Discussion: The capability and capacity in the domestic industrial base is a fundamental aspect of deterrence: <b>Kate Louis</b> AI Group; <b>Brent Clark</b> AIDN; Facilitator: <b>Graeme Dunk</b>		
15:20-15:25	<b>Australian SME Spotlight: ADCG</b>			
15:25–15:50	<b>Break</b>	Spotlight Partner: <b>ADCG</b>		
Session 8 – Conference Capstone Plenary Session				
15:50–16:50	P8-1	<b>Capstone Panel: Operating the Deterrence: RADM Andrew Perks</b> Director Submarines, RN; <b>RADM Richard Seif</b> , Commander Submarine Force, US Pacific Fleet; <b>CDRE Tom Phillips</b> RAN, COMSUB Facilitator: <b>RADM Dr Allan du Toit AM RAN (Rtd)</b>		
16:50–17:00	P8-5	<b>Closing Remarks - Michael Fitzgerald, SIA President</b>		