

Australian Submarines – Cornerstone of Deterrence

SIA 12th 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
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Session 1 – Plenary Session

09:00-09:05	P1-1	Call to Order, Acknowledgement of Country, Administrative Arrangements– Commodore Peter Scott CSC RAN (Rtd) , Master of Ceremonies
09:05-09:15		Opening and introduction of Conference Charity - Michael Fitzgerald , SIA President
09:15-09:45	P1-2	Opening Address – VADM Mark Hammond AO RAN
09:45-10:15	P1-3	Commodore Micheal Jacobson RAN , Director General Submarines - <i>All Round Look</i>
10:15-10:20	Australian SME Spotlight: PGM Environment	
10:20-10:55	Break	Spotlight Partner : PGM Environment

Session 2 - Plenary Session

10:55-11:15	P2-1	Conference Gold Sponsor - SERCO
11:15–11:45	P2-1	Hon Richard Marles MP , Deputy Prime Minister and Minister for Defence in conversation with the SIA President
11:45-12:15	P2-3	RADM Kath Richards AM CSC RAN , Head, Nuclear Powered Submarine Regulatory Design - <i>The Nuclear Powered Submarine Regulatory Landscape.</i>
12:15-12:25	P2-4	Alan Rose – Australian National Submarine Museum
12:25-12:30	Australian SME Spotlight: Acacia Systems	
12:30–13:20	Lunch	Spotlight Partner: Acacia Systems

Session 3 – Plenary Session

13:20-14:45	P3-1	AUKUS Panel: Her Excellency Victoria Treadell CMG MVO , High Commissioner for the UK; Captain Jason Pittman USN , ASA US Liaison Officer ; RADM Matthew Buckley CSC RAN , Head of Nuclear Powered Submarine Capability, ASA
14:45-14:50	Australian SME Spotlight: Blue Zone Group	
14:50-15:20	Break	Spotlight Partner: Blue Zone Group Melbourne Cup

Sessions 4 - Plenary Session

15:20–15:40	P4-1	Adam Reid , <i>Chief Executive, Department of State Development, SA Government</i>
15:40–16:10	P4-2	John Chandler AM CSC CSM , FAS, Submarines, Naval Shipbuilding and Sustainment Group
16:10–16:40	P4-3	Hon Andrew Hastie MP , Shadow Minister for Defence
16:40–16:50	P4-4	Close of Day 1 - Michael Fitzgerald , SIA President
16:50–18:15	Break	
18:15–19:00	Pre-Dinner Drinks: Sponsored by JFD	
19:00–22:00	Conference Dinner	Dinner sponsored by Defence SA Dinner Wine sponsored by Systems Planning & Analysis

12th Biennial Conference Charity

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

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Wednesday 6 November 2024 – Day 2

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