

**Draft Agenda
2025 RVTEC Meeting**

Scripps Institution of Oceanography, San Diego, CA
Insert WHOVA Link
Nov 3 - 7, 2025

Monday, November 3

Time Start	Room/Location	Session Title	Speakers
8:00 AM	Start of Day		
8:00 AM	Scripps Seaside Forum	Meeting Check-in	
	Cyber Monday Option:		
8:30 AM	Samuel H. Scripps Auditorium	Monday Introduction	<i>Sarah Fuller (WHOI); Tara Clemente (UNOLS)</i>
8:40 AM		UNOLS Satellite and Network Advisory Group (SatNAG) Update	<i>Ken Feldman (UW)</i>
8:55 AM		Academic Research Fleet cyber-SECurity (ARFSEC) Update	<i>Mike Simpson (OmniSOC / REN-ISAC)</i>
9:10 AM		HiSeasNet (HSN) Update	<i>Thomas Lockwood (SIO)</i>
9:25 AM		SIKULIAQ Cyber Cruise	<i>Julian Race (UAF)</i>
9:40 AM		Fortigate Update with Demo	<i>Rachel Simon - Virtual</i>
10:15 AM	BREAK		
10:30 AM	Samuel H. Scripps Auditorium	Standard Operating Procedures (SOP) for IT/OT and Science – Trusted CI & OSU	<i>John Zage (Trusted CI); Chris Romsos (OSU)</i>
11:15 AM		Secure by Design's Operational Technology Procurement Matrix	<i>John Zage (Trusted CI)</i>
12:00 PM	LUNCH		
1:00 PM	Samuel H. Scripps Auditorium	Ship-to-Shore Network Performance Monitoring Using perfSONAR: The R/V Sikuliaq Case Study	<i>Anirban Mandal (CI Compass)</i>
1:30 PM		Virtualization: Current Trends and Future Planning	<i>Julian Race (UAF), Ken Feldman (UW), Chris Romsos (OSU), Trevor Young (UH) Ezra Van Everbroeck (SIO), Melissa Gonsalves (URI)</i>
2:15 PM	BREAK		
2:30 PM	Samuel H. Scripps Auditorium	Cyber - Risk Assessment: How to start a program	<i>Mikeal Jones (OmniSOC / REN-ISAC)</i>
2:55 PM		Creating Incident Response Plan and Playbooks	<i>Ishan Abhinit (OmniSOC / REN-ISAC)</i>
3:20 PM		Cyber-Incident Drills: How to start a program	<i>Will Drake (OmniSOC / REN-ISAC)</i>
3:45 PM		Physical walking tour of Scripps cyber-facilities	<i>Jon Meyer; Thomas Lockwood; Ezra Van Everbroeck (SIO)</i>
5:00 PM	End of Day		
	Training Option: Full Day		
8:30 AM	Edward H. "Ted" Scripps II Room	Crash Course on Multibeam Echosounders	<i>Jonathan Beaudoin (HydroOctave)</i>
10:15 AM	BREAK		
10:30 AM		Crash Course on Multibeam Echosounders - Continued	
12:00 PM	LUNCH		
1:00 AM		Crash Course on Multibeam Echosounders - Continued	
2:40 PM	BREAK		
2:55 PM		Crash Course on Multibeam Echosounders - Continued	
4:30 PM	End of Day		
6:00 - 8:00 PM	Meeting Check-in	La Jolla Shores Hotel	

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Tuesday, November 4

Time Start	Room/Location	Session Title	Speakers
8:00 AM	Start of Day		
8:00 AM	Scripps Seaside Forum	Meeting Check-in	
8:30 AM	Samuel H. Scripps Auditorium	Tuesday Introduction	<i>Sarah Fuller (WHOI); Tara Clemente (UNOLS)</i>
8:40 AM		Welcome Message	<i>Bruce Appelgate (SIO)</i>
8:45 AM		New Faces at RVTEC	
9:05 AM		Keynote: Research vessels in the age of autonomous ocean observation	<i>Drew Lucas (SIO)</i>
9:30 AM		National Science Foundation (NSF) Update	<i>Timothy McGovern (NSF)</i>
9:45 AM		Office of Naval Research (ONR) Update	<i>Robert Sparrock (ONR)</i>
10:00 AM		National Oceanic and Atmospheric Administration (NOAA) Marine Operations Program Updates	<i>Katie Watkins-Brandt (NOAA)</i>
10:15 AM		UNOLS-MATE Marine Technical Internship Program Updates	<i>Maria Osiadacz (UNOLS)</i>
10:35 AM		Rolling Deck to Repository (R2R) News and Plans	<i>Karen Stocks (SIO)</i>
10:45 AM	BREAK		
Breakouts			
11:00 AM	Samuel H. Scripps Auditorium	Practical AI/ML Tools and Techniques for Shipboard Operations	<i>Rajesh Mishra (WHOI)</i>
	Margaret Scripps Buzzelli & Nackey Scripps Loeb Room	Troubleshooting Hawboldt equipment	<i>Aaron Davis (SIO)</i>
	Edward H. "Ted" Scripps II Room	Improving Communication Strategies: Role Playing for Conflict Resolution	<i>Maria Osiadacz (UNOLS)</i>
12:00 PM	LUNCH		
12:15 PM		LUNCH - R2R Check-in's	<i>Karen Stocks</i>
1:00 PM	Samuel H. Scripps Auditorium	Different .322 Termination Styles – Why or Why Not?	<i>Barbara Callahan (Wire Pool) & Robbie Laird (WHOI SSSG)</i>
	Margaret Scripps Buzzelli & Nackey Scripps Loeb Room	Troubleshooting RDI Vessel Mounted ADCPs	<i>Jules Hummon (UHDAS); Paul Chua; Sarah Merrigan; Chris Rockey (RDIFS)</i>
	Edward H. "Ted" Scripps II Room	A Coordinated OpenRVDAS–CORIOLIX Tutorial	<i>David Pablo Cohn (Ocean Data Tools) & Chris Romsos (OSU)</i>
2:00 PM	BREAK		
2:15 PM	Samuel H. Scripps Auditorium	0.681 Terminations	<i>Sarah Fuller (WHOI); Ella Cederholm (WHOI)</i>
	Margaret Scripps Buzzelli & Nackey Scripps Loeb Room	Troubleshooting Methodologies: Using Structured Methods To Solve Real Problems	<i>Jeff Whiteside (UAF)</i>
	Edward H. "Ted" Scripps II Room	A Coordinated OpenRVDAS–CORIOLIX Tutorial	<i>David Pablo Cohn (Ocean Data Tools) & Chris Romsos (OSU)</i>
3:15 PM	BREAK		
3:30 PM	Samuel H. Scripps Auditorium	Fault Finding: TDR & OTDR	<i>Josh Eaton (WHOI)</i>
	Margaret Scripps Buzzelli & Nackey Scripps Loeb Room	Marine Rock and Sediment Sampling (MARSSAM): Some Recent Technical Advancements and Challenges in Sediment Coring and Rock Dredging	<i>Kevin Konrad, Chris Fanshier, Ben Freiberg (OSU - MARRSAM)</i>
	Edward H. "Ted" Scripps II Room	Rolling Deck to Repository (R2R) Recommended Data Practices	<i>Karen Stocks (SIO)</i>
	BREAK		
4:30 PM	End of Day		
6:00 - 8:00 PM	Icebreaker Reception	Self transportation, please coordinate taxi rides and car pools	

[Birch Aquarium at Scripps](#)

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Wednesday, November 5

Time Start	Room/Location	Session Title	Speakers
8:00 AM	Start of Day		
8:00 AM	Scripps Seaside Forum	Meeting Check-in	
8:30 AM	Samuel H. Scripps Auditorium	Wednesday Introduction	<i>Sarah Fuller (WHOI); Tara Clemente (UNOLS)</i>
Breakouts			
8:35 AM	Samuel H. Scripps Auditorium	Sonardyne - Ranger 2 Optimization Tools	<i>Duncan Rigg (Sonardyne)</i>
	Margaret Scripps Buzzelli & Nackey Scripps Loeb Room	UNOLS Research Vessel Safety Standard (RVSS) Appendix B	<i>Aaron Davis (SIO)</i>
	Edward H. "Ted" Scripps II Room	RVTECWiki	<i>Rebecca Hudak (WHOI); Bonny Clark (URI)</i>
9:30 AM	BREAK		
9:45 AM	Samuel H. Scripps Auditorium	Vessel Acoustics and the impact on Sonar Performance	<i>Timothy Gates</i>
	Margaret Scripps Buzzelli & Nackey Scripps Loeb Room	Techs on Deck	<i>Amber Boettigger (SIO)</i>
	Edward H. "Ted" Scripps II Room	Advancing SAMOS into the Next Decade	<i>Shawn Smith (FSU-SAMOS)</i>
10:45 AM	BREAK		
11:00 AM	Samuel H. Scripps Auditorium	Troubleshooting practices to get you going when your CTD data fails	<i>Marshall Swartz (WHOI)</i>
	Margaret Scripps Buzzelli & Nackey Scripps Loeb Room	Multibeam Advisory Committee (MAC) Updates and Assessment Tools	<i>Kevin Jerram; Paul Johnson (UNH-MAC); Vicki Ferrini (LDEO)</i>
	Edward H. "Ted" Scripps II Room	What to Know Before you Code	<i>Erich Grubel (URI)</i>
12:00 PM	LUNCH		
12:15 PM		LUNCH - R2R Check-in's	<i>Karen Stocks</i>
Breakouts			
1:00 PM	Samuel H. Scripps Auditorium	Optimizing Data Quality with the SBE 911 System: Best Practices for Setup, Collection, and Processing	<i>Marielena Christopoulou (Seabird)</i>
1:00 PM	Margaret Scripps Buzzelli & Nackey Scripps Loeb Room	Kongsberg Open Discussion	<i>Colleen Peters (Kongsberg)</i>
	Edward H. "Ted" Scripps II Room	Building an Ocean Technician Workforce Using Microcredentials	<i>Liesl Hotaling (MTS)</i>
2:00 PM	BREAK		
2:15 PM	Samuel H. Scripps Auditorium	Tech Sea Stories: An open discussion	<i>Gabe Mattias (UAF) and Others</i>
	Margaret Scripps Buzzelli & Nackey Scripps Loeb Room	Kongsberg Discovery Optimizing KSYNC	<i>Jackson Swan (Kongsberg)</i>
	Edward H. "Ted" Scripps II Room	MFP Inventory Management	<i>Alice Doyle (UNOLS)</i>
3:15 PM	BREAK		
3:30 PM	Samuel H. Scripps Auditorium	Considerations for Biofouling Protection of Oceanographic Instruments	<i>Hank Lobe (President, Severn Marine Technologies); Nico Woods (Sales Engineer, Ocean Innovations)</i>
	Margaret Scripps Buzzelli & Nackey Scripps Loeb Room	3D Printing and Fabrication in Marine Science	<i>Paige Fitzpatrick (U.Miami)</i>
	Edward H. "Ted" Scripps II Room	Tech Manager Meeting	<i>Tech Managers</i>
4:30 PM	End of Day		
6:00 - 9:00 PM	Dinner	Self transportation, please coordinate taxi rides and car pools	
	Location: Iida and Cecil Green Faculty Club		

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Thursday, November 6

Time Start	Room/Location	Session Title	Speakers
8:00 AM	Start of Day		
8:00 AM	Sumner Auditorium	Meeting Check-in	
8:30 AM	Sumner Auditorium	Thursday Introduction	<i>Sarah Fuller (WHOI); Tara Clemente (UNOLS)</i>
8:35 AM		2025 East Coast Winch Pool Update	<i>Sean Whelan (WHOI)</i>
8:45 AM		The NSF West Coast Winch Pool	<i>Aaron Davis (SIO)</i>
8:55 AM		Wire Pool Update: Termination Variability and Break Test Results	<i>Eric Trotto (WHOI) - Virtual</i>
9:05 AM		Potential Fields Pool Equipment (PFPE)/Multidisciplinary Instrumentation in Support of Oceanography (MISO) Facility Update	<i>Masako Tominaga (WHOI)</i>
9:20 AM		Tech Pool	<i>Kyndra Reed (TAMU); Tara Clemente (UNOLS)</i>
9:35 AM		Tech Training Sub-Committee-Update 2025	<i>Kristin Beem (OSU)</i>
9:45 AM		Fleet Improvement Committee (FIC) and Safety Committee Update	<i>Erich Grubel (URI)</i>
10:00 AM		Regional Class Research Vessel (RCRV) Update 2025	<i>Kristin Beem; Chris Romsos (OSU)</i>
10:30 AM	BREAK		
10:30 AM	Sumner Auditorium	Maintaining an Environment of Respect Aboard Ships (MERAS) Committee Update	<i>Tara Clemente (UNOLS)</i>
10:35 AM		Oceans Best Practices-Status Update	<i>Rebecca Hudak (WHOI)</i>
10:45 AM		SAMOS Update and 20 Year Celebration	<i>Shawn Smith (FSU)</i>
11:00 AM		An Update on CTDO2 Data Processing	<i>Aaron Mau; Allen Smith (SIO)</i>
11:10 AM		UAS Drone	<i>Alice Doyle (UNOLS)</i>
11:20 AM		Operational support for wave & ice X-band radars	<i>Bjoern Lund (U.Miami)</i>
11:35 AM		It Takes a Village to Defend in Depth	<i>Ezra Van Everbroeck (SIO)</i>
11:50 AM		Introducing a new specialized service: SURF-IT Cyberinfrastructure Support for the ARF	<i>Julian Race (UAF)</i>
12:05 PM		Polar Program Support	<i>Masako Tominaga (WHOI); Hannah Gray (USAP)</i>
12:00 PM	LUNCH		
12:15 PM		LUNCH - Work Life Balance Discussion	<i>TBD</i>
1:15 AM	TBD	Group Photo!	<i>Everyone</i>
1:30 AM		Buses to Scripps Nimitz Facility	<i>Everyone</i>
2:00 PM	Scripps Nimitz Facility	Scripps Nimitz Facility Tours	<i>Everyone, by assigned group</i>
5:00 PM	End of Day		
		Buses depart Scripps Nimitz Facility for hotels	

Friday, November 7

Time Start	Room/Location	Session Title	Speakers
	Training Option: 1		
	Rigging Gear Inspection & Basic Rigging Training – National Rigging and Crane Training LLC		
	Location: Scripps Nimitz Facility		
7:45 AM	Start of Day	Self transportation, please coordinate taxi rides and car pools	
8:30 AM		Rigging Gear Inspection & Basic Rigging Training - Start	<i>Peter Cooke (National Rigging and Crane Training LLC)</i>
10:15 AM	BREAK		
10:25 AM		Rigging Gear Inspection & Basic Rigging Training - Continued	
12:00 PM	LUNCH - TBD		
1:00 PM		Rigging Gear Inspection & Basic Rigging Training - Continued	

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2:30 PM	BREAK	
2:45 PM		Rigging Gear Inspection & Basic Rigging Training - Continued
4:30 PM	End of Day	Self transportation, please coordinate taxi rides and car pools

**Training Option: 2
Fortinet Fast Track Workshop - Constructing a Secure SD-WAN Architecture**

Location: TBD

8:30 AM	Start of Day	No Coffee or Breakfast Provided	
8:30 AM		Fortinet Fast Track Workshop - Constructing a Secure SD-WAN Architecture - Start	<i>Ajinkya Joshi, Systems Engineer, (Fortinet)</i>
10:15 AM	BREAK		
10:30 AM		Fortinet Fast Track Workshop - Constructing a Secure SD-WAN Architecture - Continued	
12:00 PM	LUNCH - On your own		
1:00 PM	End of Day		

**Training Option: 3
Kongsberg SIS Workshop**

Location: TBD

8:30 AM	Start of Day	No Coffee or Breakfast Provided	
8:30 AM		Kongsberg SIS Workshop - Start	<i>Colleen Peters (Kongsberg)</i>
10:15 AM	BREAK		
10:30 AM		Kongsberg SIS Workshop - Continued	
12:00 PM	LUNCH - On your own		
1:00 PM	End of Day		

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