

**Draft Agenda
2026 RVTEC Meeting**

**University of Miami, Coral Gables, FL
PheedLoop Link
Nov 16 - 20, 2026**

Monday, November 16

Time Start	Duration (mins)	Room/Location	Session Title	Speakers
8:00 AM		Start of Day		
8:00 AM	30	Lakeside Village	Meeting Check-in	
		Cyber Monday Option:		
8:30 AM	5	Auditorium	Monday Introduction	Sarah Fuller (WHOI); Tara Clemente (UNOLS)
8:35 AM	5		Cyber Monday Introduction	Mike Simpson (OmniSOC / REN-ISAC)
8:40 AM	15		A Fast Satellite Network Advisory Group (SatNAG) Update	Ken Feldman (UW)
8:55 AM	15		Academic Research Fleet cyber-SECurity (ARFSEC) Update	Mike Simpson (OmniSOC / REN-ISAC)
9:10 AM	15		HiSeasNet (HSN) Update	Thomas Lockwood (SIO)
9:25 AM	15		Shared Unified Research Fleet IT Support (SURF-IT) Update	Julian Race (REV), Melissa Gonsalves (URI), Ken Feldman (UW)
9:40 AM	15		Deploying FortiGate SD-WAN on the High Seas	Stephan Dzur (UAF)
9:55 AM	30		Effective Cybersecurity for Research	Will Drake (OmniSOC / REN-ISAC)
10:25 AM	20	BREAK		
10:45 AM	45	Auditorium	Virtualization of Acquisition Computers	Rebecca Hudak (WHOI), Ken Feldman (UW), Melissa Gonsalves (URI)
11:30 AM	30		Introduction to CIS v8.1, our cybersecurity baseline control set	Rachel Simon (URI)
12:00 PM	60	LUNCH		
		Training Option (S)		
1:00 PM	95	Auditorium	Cyberinfrastructure & At-Sea Data Systems Workshop (Part I)	Rachel Simon (URI)
1:00 PM	95	Pavilion	Fair Data Working Group	Shawn Smith (UAF) & FAIR WG
			Open Session	
1:00 PM	95	Expo Center	MAC Multibeam Training	Paul Johnson*(UNH), Vicki Ferrini (LDEO), Anand Hiroji (USM), Kevin Jerram (UNH)
2:35 PM	20	BREAK		
2:55 PM	95	Auditorium	Cyberinfrastructure & At-Sea Data Systems Workshop (Part I)	Rachel Simon (URI)
2:55 PM	95	Pavilion	Fair Data Working Group	Shawn Smith (UAF) & FAIR WG
			Closed Session	
2:55 PM	95	Expo Center	MAC Multibeam Training	Paul Johnson*(UNH), Vicki Ferrini (LDEO), Anand Hiroji (USM), Kevin Jerram (UNH)
4:30 PM		End of Day		

Tuesday, November 17

Time Start	Duration (mins)	Room/Location	Session Title	Speakers
8:00 AM		Start of Day		
8:00 AM	30	Lakeside Village	Meeting Check-in	
8:30 AM	10	Expo Center	Tuesday Introduction	Sarah Fuller (WHOI); Tara Clemente (UNOLS)
8:40 AM	10		New Faces at RVTEC	Sarah Fuller (WHOI); Tara Clemente (UNOLS)
8:50 AM	15		National Science Foundation (NSF) Update: Oceanographic Technical Support and the Academic Research Fleet	Timothy McGovern (NSF)
9:05 AM	15		Office of Naval Research (ONR) Update: Charting the Navy Research Fleet	Rob Sparrock (ONR)
9:20 AM	15		National Oceanic and Atmospheric Administration (NOAA) Marine Operations Program Updates	Katie Watkins-Brandt (NOAA)

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9:35 AM	20		UNOLS-MATE Marine Technical Internship Program Updates	Maria Osiadacz (UNOLS), Paige Fitzpatrick (2026 Intern) & Christina Rorres (2026 Intern)
9:55 AM	15		Acaemic Research Fleet (ARF) Cybersecurity Update	Mike Simpson (OmniSOC / REN-ISAC)
10:10 AM	20	BREAK		
10:30 AM	15	Expo Center	Regional Class Research Vessel (RCRV) Update	Daryl Swensen (OSU)
10:45 AM	15		USAP / ARF Lessons Learned Supporting Science Operations	Gabe Mattias (UAF)
11:00 AM	15		Optimizing Global and National Seafloor Mapping Data Coverage with the US ARF	Viki Ferrini (LDEO)
11:15 AM	15		mROV Update	Andrew Bowen (WHOI)
11:30 AM	15		Rolling Deck to Repository (R2R) Update	Karen Stocks (SIO)
11:45 AM	15		Ocean Data Tools - an update on OpenRVDAS, OpenVDM and Sealog	David Pablo Cohn (Ocean Data Tools) & Webb Pinner (Ocean Data Tools)
12:00 PM	60	LUNCH		
12:15 PM	45	Expo Center	LUNCH - R2R Check-in's	Karen Stocks
Breakouts				
1:00 PM	60	Expo Center	Prototyping for Ocean Applications: The Micro Credential!	Drummond Wengrove (OSU)
		Pavilion	Improving Communication Strategies: Role Playing for Conflict Resolution	Maria Osiadacz (UNOLS) & Kristin Beem (OSU)
		Auditorium	Rolling Deck to Repository (R2R) Recommended Data Practices and Globus	George Dubinin, Gwynne Hayes, Lyle Altschul, Dru Clark, and Julian Race
2:00 PM	20	BREAK		
2:20 PM	60	Expo Center	Electrical Safety Part I	Erich Gruebel (URI)
		Pavilion	AUV/ ROV tips and tricks? Handling, deploying, recovering and maintaining it?	
		Auditorium	Working with OpenRVDAS and CORIOLIX	David Pablo Cohn (Ocean Data Tools) & Jasmine Nahorniak (OSU)
3:20 PM	20	BREAK		
3:40 PM	60	Expo Center	Electrical Safety Part II	Erich Gruebel (URI)
		Pavilion	Strength member selection for seafloor sampling operations	Paul Walzak (SEASAM - UW)
		Auditorium	Building Dashboards for CORIOLIX: Lessons Learned and Best Practices	Chris Romsos (OSU) & Jasmine Nahorniak (OSU)
4:40 PM		End of Day		
6:00 - 8:00 PM		Icebreaker Reception	Mamey Miami Restaurant	

Wednesday, November 18

Time Start	Duration (mins)	Room/Location	Session Title	Speakers
7:30 AM	30	Buses Depart Thesis HOTEL for Rosenstiel School of Marine and Atmospheric Science (RSMAS)		
8:00 AM		Start of Day		
8:00 AM	30	Rosenstiel Auditorium	Meeting Check-in	
8:30 AM	5	Rosen_Auditorium	Wednesday Introduction	Sarah Fuller (WHOI); Tara Clemente (UNOLS)
8:35 AM	10		Welcome Message	Ben Kirtman, Dean of Dean of the Rosenstiel School of Marine and Atmospheric Science (RSMAS)
8:45 AM	30		Keynote:	Dr. Lisa Beal (U.Miami)
9:15 AM	10		The NSF West Coast Winch Pool	Aaron Davis (SIO)
9:25 AM	10		NSF UNOLS East Coast Winch Pool (ECWP) Update	Sean Whelan (WHOI)
9:35 AM	10		Wire Pool Update	Eric Trotto (WHOI)
9:45 AM	10		Potential Fields Pool Equipment (PFPE)/Multidisciplinary Instrumentation in Support of Oceanography (MISO) Facility Update	Ella Cedarholm (WHOI); Dan Fornari (WHOI) - Virtual
9:55 AM	15		Seafloor Sampling Facility (SEASAM) Update	Maureen Walzak (SEASAM - UW)
10:10 AM	20	BREAK		
10:30 AM	15	Rosen_Auditorium	UNOLS Technician Pool Update	Kyndra Reed (TAMU); Tara Clemente (UNOLS)

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10:45 AM	15		RVTEC Tech Training Sub-Committee Update	<i>Kristin Beem (OSU)</i>
11:00 AM	15		Fleet Improvement Committee (FIC) Update	<i>Erich Gruebel (URI)</i>
11:15 AM	15		Safety Committee Update	<i>Jon Swallow (UNOLS)</i>
11:30 AM	15		Maintaining an Environment of Respect Aboard Ships (MERAS) Committee Update	<i>Tara Clemente (UNOLS)</i>
11:45 AM	15		Multibeam Advisory Committee (MAC): Updates from the field	<i>Paul Johnson (UNH), Vicki Ferrini (LDEO), Anand Hiroji (USM), Kevin Jerram* (UNH)</i>
12:00 PM	60	LUNCH		
1:00 PM	15	Rosen_Auditorium	USCGC Healy Scientific Life Extension Program (SLEP) - Scientific Sonar Updates	<i>Brendon Mendenhall (UCSD)</i>
1:15 PM	15		SBP29 Continuous Underway Data Collection on the R/V Neil Armstrong	<i>Aaron Davis (SIO)</i>
1:30 PM	15		University of Hawaii Data Acquisition System (UHDAS) Update	<i>Jules Hummon (UH)</i>
1:45 PM	15		Shipboard Automated Meteorological and Oceanographic System (SAMOS) Update and Staff Changes	<i>Shawn R. Smith (FSU) and David Moroni (FSU)</i>
2:00 PM	15		Operational support for wave & ice X-band radars	<i>Bjoern Lund (U.Miami)</i>
2:15 PM	15		New EM2042 Lessons Learned	<i>Gabe Mattias (UAF)</i>
2:30 PM	15		Best Practice / RVTEC Wiki Plenary	<i>Rebecca Hudak (WHOI)</i>
2:45 PM	15	BREAK		
3:00 PM	15	TBD	Group Photo	<i>Everyone!!</i>
3:15 PM	135	RSMAS	Rosenstiel School of Marine and Atmospheric Science (RSMAS) Facilities Tour	<i>Everyone, by assigned group</i>
5:30 PM		End of Tours		
6:00 - 9:00 PM		Dinner	Salt Waterfront Restaurant	
9:00 PM		End of Day	Buses depart RSMAS for Thesis Hotel	

11/19/2026

Time Start	Duration (mins)	Room/Location	Session Title	Speakers
8:00 AM		Start of Day		
8:00 AM	30	Lakeside Village	Meeting Check-in	
Breakouts				
8:30 AM	60	Expo Center Pavilion	Underwater Transducers	<i>Erich Gruebel (URI)</i>
			Seafloor Mapping Data Coverage: Finding and Filling Data Gaps	<i>Paul Johnson (UNH), Vicki Ferrini* (LDEO), Anand Hiroji (USM), Kevin Jerram (UNH)</i>
		Auditorium	UNOLS Research Vessel Safety Standard (RVSS) Appendix B	<i>Aaron Davis (SIO)</i>
9:30 AM	20	BREAK		
9:50 AM		Expo Center	Flow-Through Systems Data Recommended Practices	<i>Rebecca Hudak (WHOI) & Katie Watkins-Brandt (NOAA)</i>
	60	Pavilion	Dimensional Control and Vessel Survey Best Practices	<i>Paul Johnson (UNH), Vicki Ferrini (LDEO), Anand Hiroji* (USM), Kevin Jerram (UNH)</i>
		Auditorium	Safety Session: TBD	<i>Jon Swallow (UNOLS)</i>
10:50 AM	20	BREAK		
11:10 AM		Expo Center	"What's in Your Flowthrough System?" Survey & Discussion	<i>Gabe Mattias (UAF)</i>
	60	Pavilion	Kongsberg User Forum: Annual Update and Open Discussion	<i>Colleen Peters, Product Manager, Mapping Software (Kongsberg)</i>
		Auditorium	Workflow Blueprint: Safety, Ownership, and the Life of an SOP	<i>Sandra Herrmann (SIO)</i>
12:10 PM	60	LUNCH		
12:25 PM	45	Expo Center	LUNCH - R2R Check-in's	<i>Karen Stocks</i>
Breakouts				
1:10 PM	60	Expo Center	Sonardyne - Ranger 2 Optimization Tools	<i>Duncan Rigg & Stuart Slade (Sonardyne)</i>
		Pavilion	State of the Art: Sub-bottom Profiler (SBP-29) Data Acquisition, Optimization, and Utilization	<i>Rebecca Hudak (WHOI)</i>
		Auditorium	MFP Inventory Management	<i>Alice Doyle and Stefani Martynenko (UNOLS)</i>
2:10 PM	20	BREAK		

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2:30 PM	60	Expo Center	SBE 911plus and Auxiliary Sensors: Best Practices for Integration, Deployment, and Data Collection	Marialena Christopoulou (Seabird)
		Pavilion	Shipyards Updates and Lessons Learned	Gabe Mattias (UAF), Kristin Beem (OSU) & Others
		Auditorium	Introduction to Variable Frequency Drives (VFDs)	Joshua Eaton (WHOI)
3:30 PM	15	BREAK		
3:50 PM	60	Expo Center	Review of Biofouling Considerations and Options for Control	Hank Lobe (President, Severn Marine Technologies)
		Pavilion	Tech Manager Meeting	Tech Managers
		Auditorium	Introduction to Hydraulics	Joshua Eaton (WHOI)
4:50 PM		Expo Center	RVTEC - Wrap UP	Everyone!
5:00 PM		End of Day		

Friday, November 20

Time Start	Duration (mins)	Room/Location	Session Title	Speakers
Training Option: 1 - FULL DAY 9:00AM - 4:00PM				
Prototyping for Ocean Applications: A maker's Guide to Seagoing Tinkering				
Location: Rosenstiel School of Marine and Atmospheric Science (RSMAS)				
8:15 AM		Start of Day	Self transportation, please coordinate taxi rides, car pools and shuttles	No Coffee, Breakfast or Lunch Provided
9:00 AM	75		Prototyping for Ocean Applications: A maker's Guide to Seagoing Tinkering	Drummond Wengrove (OSU), Paige FitzPatrick and Cedric Guigand (U. Miami)
10:15 AM	15	BREAK		
10:30 AM	90		Prototyping for Ocean Applications: A maker's Guide to Seagoing Tinkering	
12:00 PM	60	LUNCH - ON YOUR OWN		
1:00 PM	90		Prototyping for Ocean Applications: A maker's Guide to Seagoing Tinkering	
2:30 PM	15	BREAK		
2:45 PM	75		Prototyping for Ocean Applications: A maker's Guide to Seagoing Tinkering	
4:00 PM		End of Session	Self transportation, please coordinate taxi rides, car pools and shuttles	
Training Option: 2 - HALF DAY 8:30AM - 12PM				
University of Hawaii Data Acquisition System (UHDAS) Overview				
Location: Lakeside Village Auditorium				
8:30 AM		Start of Session		
8:30 AM	105		University of Hawaii Data Acquisition System (UHDAS) Overview	Jules Hummon (UH)
10:15 AM	20	BREAK		
10:35 AM	85		University of Hawaii Data Acquisition System (UHDAS) Overview	
12:00 PM	60	LUNCH		
1:00 PM		End of Session		
Training Option: 3 - HALF DAY 8:30AM - 12PM				
Coaching Conversations				
Location: Lakeside Village Pavilion				
8:30 AM		Start of Day		
8:30 AM	105		Coaching Conversations	TBD
10:15 AM	20	BREAK		
10:35 AM	85		Coaching Conversations	
12:00 PM	60	LUNCH		
1:00 PM		End of Session		
Training Option: 4 - HALF DAY 8:30AM - 12PM				
Mastering Ranger 2 USBL for Operators				
Location: Lakeside Village Expo Center				
8:30 AM		Start of Day		
8:30 AM	105		Mastering Ranger 2 USBL for Operators	Duncan Rigg & Stuart Slade (Sonardyne)

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10:15 AM	15	BREAK		
10:35 AM	85		Mastering Ranger 2 USBL for Operators	
12:00 PM	60	LUNCH		
1:00 PM		End of Session		

Training Option: 5 - HALF DAY 1:00PM - 4:30PM				
Cyberinfrastructure & At-Sea Data Systems Workshop (Part II)				
Location: Lakeside Village Auditorium				
12:00 PM	60	LUNCH		
1:00 PM	90		Cyberinfrastructure & At-Sea Data Systems Workshop (Part II)	<i>Rachel Simon (URI)</i>
2:30 AM	20	BREAK		
2:50 AM	110		Cyberinfrastructure & At-Sea Data Systems Workshop (Part II)	
4:30 PM		End of Session		

Training Option: 6 - HALF DAY 1:00PM - 4:30PM				
Kongsberg SIS 5.16 Preview and User Workshop				
Location: Lakeside Village Pavilion				
12:00 PM	60	LUNCH		
1:00 PM	90		Kongsberg SIS 5.16 Preview and User Workshop	<i>Colleen Peters, Product Manager, Mapping Software (Kongsberg)</i>
2:30 AM	20	BREAK		
2:50 AM	110		Kongsberg SIS 5.16 Preview and User Workshop	
4:30 PM		End of Session		

Training Option: 7 - HALF DAY 1:00PM - 4:30PM				
Introduction to Shipboard Marine Meteorological Observation				
Location: Lakeside Village Expo Center				
12:00 PM	60	LUNCH		
1:00 PM	90		Introduction to Shipboard Marine Meteorological Observation	<i>Shawn R. Smith, Kristen Briggs, Julia O'Neill, and David Moroni</i>
2:30 AM	20	BREAK		
2:50 AM	110		Introduction to Shipboard Marine Meteorological Observation	
4:30 PM		End of Session		