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 (ARFSEC)*
8:40 AM	15		A Final Satellite Network Advisory Group (SatNAG) Update & Fleet Advisory for Systems & Technology (F.A. S.T) Group Overview	*Ken Feldman (UW), Melissa Gonsalves (URI), Rebecca Hudak (WHOI), Julian Race (REV)*
8:55 AM	15		Academic Research Fleet cyber-SECurity (ARFSEC) Update	*Mike Simpson (ARFSEC)*
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 (ARFSEC)*
10:25 AM	20	BREAK		
10:45 AM	45	Auditorium	Virtualization of Acquisition Computers	*Rebbeca Hudak (WHOI), Ken Feldman (UW) , Melissa Gonsalves (URI)*
11:30 AM	30		Introduction to CIS v8.1, our cybersecurity baseline control set	*Vishal Singh Bhardvaj (ARFSEC)*
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 Open Session	*Shawn Smith (FSU) & FAIR WG*
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 Closed Session	*Shawn Smith (FSU) & FAIR WG*
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	Auditorium	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)*
9:35 AM	20		UNOLS-MATE Marine Technical Internship Program Updates	*Maria Osiadacz (UNOLS), Paige Fitzpatrick (2026 Intern) & Christina Rorres (2026 Intern)*

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9:55 AM	15		Acaemic Research Fleet (ARF) Cyber Update	*Mike Simpson (ARFSEC)*
10:10 AM	20	BREAK		
10:30 AM	15	Auditorium	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		Expanding Deep-Submergence Capabilities Through ROV Fleet Development	*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 (UCSD), Gwynne Hayes (LDEO), Lyle Altschul (LDEO), Dru Clark (UCSD), and Julian Race (REV)*
2:00 PM	20	BREAK		
2:20 PM	60	Expo Center	Electrical Safety Part I	*Erich Gruebel (URI)*
		Pavilion	How to integrate mROV onto your platform - lessons learned from sea trials	*Catie Graver (WHOI); Molly Curran (WHOI)*
		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	Mechanical Terminations and the Academic Research Fleet	*Jason Clermont (URI), Bonny Clark (URI)*
		Auditorium	Building Dashboards for CORIOLIX: Lessons Learned and Best Practices	*Chris Romsos (Virtual) (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	Rosenstiel_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: RV Instrumentation and Technical Innovation are Essential in Our Ongoing Quest to Understand Boundary Currents in a Changing Ocean	*Dr. Lisa Beal (U.Miami)*
9:15 AM	10		The NSF West Coast Winch Pool (WCWP) Update	*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); Dwight Coleman (WHOI)*
9:55 AM	15		Introducing the NSF Seafloor Sampling Facility (SEASAM)	*Maureen Walzak (SEASAM - UW)*
10:10 AM	20	BREAK		
10:30 AM	15	Rosenstiel_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	*Kristin Beem (OSU)*
11:00 AM	15		Fleet Improvement Committee (FIC) Update	*Erich Gruebel (URI)*
11:15 AM	15		Safety Committee Update	*Jon Swallow (UNOLS)*
11:30 AM	15		Maintaining an Environment of Respect Aboard Ships (MERAS) Committee Update	*Tara Clemente (UNOLS)*
11:45 AM	15		Multibeam Advisory Committee (MAC): Updates from the field	*Paul Johnson (UNH), Vicki Ferrini (LDEO), Anand Hiroji (USM), Kevin Jerram* (UNH)*
12:00 PM	60	LUNCH		
1:00 PM	15	Rosenstiel_Auditorium	USCGC Healy: Service Life Extension Program (SLEP) Scientific Capabilities Update	*Brendon Mendenhall (UCSD)*
1:15 PM	15		SBP29 Continuous Underway Data Collection on the R/V Neil Armstrong	*Emily Foley (WHOI)*
1:30 PM	15		University of Hawaii Data Acquisition System (UHDAS) Update	*Jules Hummon (UH)*
1:45 PM	15		Shipboard Automated Meteorological and Oceanographic System (SAMOS) Update and Staff Changes	*Shawn R. Smith (FSU) and David Moroni (FSU)*
2:00 PM	15		Operational support for wave & ice X-band radars	*Bjoern Lund (U.Miami)*
2:15 PM	15		New EM2042 Lessons Learned	*Gabe Mattias (UAF)*
2:30 PM	15		Best Practice / RVTEC Wiki Plenary	*Rebecca Hudak (WHOI)*
2:45 PM	15	BREAK		
3:00 PM	15	TBD	Group Photo	*Everyone!!*
3:15 PM	135	RSMAS	Rosenstiel School of Marine and Atmospheric Science (RSMAS) Facilites Tour	*Everyone, by assigned group*
5:30 PM		**End of Tours**		
6:00 - 9:00 PM		Dinner	Salt Waterfront Resturant	
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	Good Vibrations: An Underwater Transducer Workshop	*Erich Gruebel (URI)*
		Pavilion	US Argo and RVTEC: Working together to monitor the world's ocean	*Rick Rupan (UW)*
		Auditorium	UNOLS Research Vessel Safety Standard (RVSS) Appendix B - Winches, Wire, and Overboard Handling Systems Q&A	*Aaron Davis (SIO), Jon Swallow (UNOLS), Josh Eaton (WHOI), Eric Trotto (WHOI)*
9:30 AM	20	BREAK		
9:50 AM	60	Expo Center	Flow-Through Systems Data Recommended Practices	*Rebecca Hudak (WHOI) & Katie Watkins-Brandt (NOAA)*
		Pavilion	Dimensional Control and Vessel Survey Best Practices	*Paul Johnson (UNH), Vicki Ferrini (LDEO), Anand Hiroji* (USM), Kevin Jerram (UNH)*
		Auditorium	Near Misses: Sharing Lessons to Improve Safety	*Jon Swallow (UNOLS)*
10:50 AM	20	BREAK		
11:10 AM	60	Expo Center	"What's in Your Flowthrough System?" Survey & Discussion	*Gabe Mattias (UAF)*
		Pavilion	Kongsberg User Forum: Annual Update and Open Discussion	*Colleen Peters, Product Manager, Mapping Software (Kongsberg)*
		Auditorium	Picking the best wire (or rope) for your job	*TBD*
12:10 PM	60	LUNCH		
12:25 PM	45	Expo Center	LUNCH - R2R Check-in's	*Karen Stocks*
Breakouts				
1:10 PM	60	Expo Center	Sonardyne - Ranger 2 Optimization Tools	*Duncan Rigg & Stuart Slade (Sonardyne)*
		Pavilion	State of the Art: Sub-bottom Profiler (SBP-29) Data Acquisition, Optimization, and Utilization	*James Gibson (Virtual) (UCSC; ONR)*, Alex Higgins (Virutal) (Metron; Portland State)*, Jared Kluesner (Virtual) (USGS; UCSC), and Eugene Vivino (STARC; SIO)*

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		Auditorium	Marine Facility Planning (MFP) Inventory Management	*Stefani Martynenko (UNOLS), Sandra Hermann (Virtual) (SIO), Bowman Halstead (SIO)*
2:10 PM	20	BREAK		
2:30 PM	60	Expo Center	Shipyard Updates and Lessons Learned	*Gabe Mattias (UAF), Kristin Beem (OSU) & Others*
		Pavilion	SBE 911plus and Auxiliary Sensors: Best Practices for Integration, Deployment, and Data Collection	*Marialena Christopoulou (Seabird)*
		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	10	**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		
		Kongsberg Systems Workshop		
		Location: Lakeside Village Expo Center		
8:30 AM		**Start of Session**		
8:30 AM	105	Expo Center	SIS 5.16 Updates and the Future of SIS	*Colleen Peters (Kongsberg), Product Manager, Mapping Software (Kongsberg)*
10:15 AM	20	BREAK		
10:35 AM	85	Expo Center	Getting the Most from the SBP29	*Ali Johnson (Kongsberg), Field Service Engineer*
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	Pavilion	Coaching Conversations	*Orfilio Pelaez*
10:15 AM	20	BREAK		
10:35 AM	85	Pavilion	Coaching Conversations	
12:00 PM	60	LUNCH		
1:00 PM		**End of Session**		

	Training Option: 4 - HALF DAY 8:30AM - 12PM	

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		Mastering Ranger 2 USBL for Operators		
		Location: Lakeside Village Auditorium		
8:30 AM		**Start of Day**		
8:30 AM	105	Auditorium	Mastering Ranger 2 USBL for Operators	*Duncan Rigg & Stuart Slade (Sonardyne)*
10:15 AM	20	BREAK		
10:35 AM	85	Auditorium	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 Pavilion		
12:00 PM	60	LUNCH		
1:00 PM	90	Pavilion	Cyberinfrastructure & At-Sea Data Systems Workshop (Part II)	*Rachel Simon (URI)*
2:30 AM	20	BREAK		
2:50 AM	110	Pavilion	Cyberinfrastructure & At-Sea Data Systems Workshop (Part II)	
4:30 PM		**End of Session**		

		Training Option: 6 - HALF DAY 1:00PM - 4:30PM **University of Hawaii Data Acquisition System (UHDAS) Overview**		
		Location: Lakeside Village Auditorium		
12:00 PM	60	LUNCH		
1:00 PM	90	Auditorium	University of Hawaii Data Acquisition System (UHDAS) Overview	*Andrew Frambach (UH); Jules Hummon (UH)*
2:30 AM	20	BREAK		
2:50 AM	110	Auditorium	University of Hawaii Data Acquisition System (UHDAS) Overview	
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	Expo Center	Introduction to Shipboard Marine Meteorological Observation	*Shawn R. Smith, Kristen Briggs, Julia O'Neill, and David Moroni (FSU)*
2:30 AM	20	BREAK		
2:50 AM	110	Expo Center	Introduction to Shipboard Marine Meteorological Observation	
4:30 PM		**End of Session**		

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