



“Managing Impacts of Supply Chain disruptors, Renewable Energy, Emerging Technology on the Maritime Transportation System (MTS)”

Purpose of Event			
Goal:	One and a half-day program designed to address significant risks to managing offshore energy infrastructure impacts and risks to the Maritime Transportation System, followed by a one-day Evergreen exercise to explore how risk and risk management may play into plausible future operating environment.		
Participants:	Academics, Industry, and local/state/federal authorities involved in the MTS.		
Hosts:	Maritime College, State University of New York and U.S. Coast Guard Liaison		
Master of Ceremonies:	RADM Mike Parks, USCG (Ret)		
Senior Media Advisor:	Greg Trauthwein, MarineLink		
MRS 2023 Organizers			
Co-Chair:	Captain Eric Johansson Dr. Leigh Winfrey Dr. Joe DiRenzo	Committee	
		Greg Trauthwein,	Marinelink
		Scott Brotemarkle	Nat Academy Sci. TRB
Vice Chair:	Dr. Don Brutzman Naval Postgrad School	CAPT Mike Plumley	USCGA
		Zach Schulman	USCG HQ DCO-X
		Dr. Henry Willis	Rand Institute
		CDR Ryan Kelley	USCG HQ DCO-X
		Kelli Frakes	American Public Univ.
		Dr Tiffany Smythe	USCGA
		Stephen Lyman	Maritime Association
		Dr Kristin Lewis	Volpe Center
		Colonel Jim Allen, USAR (Ret)	Corp of Engineers
HBCU/MSI Liaison:	CAPT Merchant, COTP Sector New York	CAPT Scott Calhoun	USCG NAVCEN
		Dr. Jack McCready	UCSD
		CAPT Shawn Malone, USN (Ret)	Cal Maritime
		CAPT Al Tubbs	USCG Pacarea
		LCDR David Boyd	USCG (Ret.)
		Rick Paxton	Rick Paxton Consulting
		Dr John Hummel (ex-officio)	Argonne National Lab
Senior mentors	VADM Rob Parker, USCG (Ret) RADM Fred Rosa, USCG (Ret) RADM Mike Parks, USCG (Ret) MG Church Key, USAF (Ret) RADM Kevin Cook, USCG (Ret.)	RADM Tom Atkin, USCG (Ret) Dr Fred Roberts (Rutgers) Mr. Scott Blough (Mandiant) RADM Matt Bell, USCG (Ret) RADM R. Timme, USCG (Ret)	Poster Judge CAPT Drew Tucci, USCG (Ret) - Chair



DAY 1: Tuesday, November 14, 2023

0730	Registration and Coffee Maritime Academic Center (MAC) Lobby
0830 (MAC)	Welcome and Introduction <ul style="list-style-type: none"> Eric Johansson – Distinguished Professor Marine Transportation Admiral Alfultis - President Maritime College, State University of NY
0845	Keynote Opening Speaker Admiral Mauger, First CG District “State of Offshore Energy Risk to the Maritime Transportation System”
0915	Panel 1: Calculating Offshore Energy Risks Facilitator: Dr. Henry Willis, Rand
	Dr. Mussington, CISA, Executive Assistant Director for Infrastructure Security (ISD)
	Paul Hobart – Assistant Director, Homeland Security and Justice
	Buckley McAllister, President McAllister Towing
	CAPT Schultz – Chief of Prevention, First CG District
1045	Networking Break
1100	Panel 2: Maritime Autonomy: The Future is Technology Facilitator: Richard Hine, ThayerMahann
	CAPT Dan Cost, P.E. - Chief, Office of Design and Engineering Standards
	Dr. Don Brutzman, Ethical Control of Autonomous Systems, Naval Postgraduate School (NPS)
	Donald Scott – Director of Engineering, Submergence Group
	Justin Davis - Head of Strategy, Saronics
1215	Lunch
1300	Keynote Lunch Speaker Austin Gould, Acting Executive Assistant Administrator “TSA and Offshore Operations”
1330	Panel 3: Subsea infrastructure Quality Standards and Assurance Facilitator: Dr. I.J. Arora - President & CEO Quality Management International
	Dr. Ronald J Rapp - Director, Industry & Marine Liaison SubComm
	Kent Bressie - Partner, HWG LLP - International Cable Protection Committee
	William “Bill” R. Bennett III BLANKROME
	Nate McKenzie - Technology development lead for offshore wind - DOE
1445	Break
1500	Panel 4: Offshore Energy and Cyber Risk Facilitator: Scott Blough, Mandiant
	Andre Murphy, CrowdStrike
	Dr. Kevin Jones, Professor University of Plymouth
	Dr. Ken Christopher, Professor - National University
	Ian McCalder, Radio Communication Project Specialist - Ørsted
1700	End of the Day Wrap-up: Admiral Parks
1730 TSES VII	Reception and Student Poster Session - Captain Drew Tucci, USCG (Ret) Training Ship Empire State VII



DAY 2: Wednesday, November 15, 2023

0730 (MAC)	Continental Breakfast
0800	Keynote Morning Speaker Kisha Santiago, Deputy Secretary of State - Office of Development, Planning, and Community Infrastructure
0830	Panel 5: Offshore Energy Port Infrastructure Risk Facilitator: Scott Brotemarkle, National Academies of Sciences, Engineering and Medicine, TRB Marine Board
	Craig Reid – DNV - Vice President Marine Assurance & Advisory, North America.
	John Witte - Donjon Marine, President
	Captain Andrew McGovern - New Jersey Sandy Hook Pilots
	Mr. Mike Taylor – Equinor, Head of Ports U.S. Renewables
0945	Break
1000	Panel 6: The Busy Ocean Facilitators: Dr. Tiffany Smythe, U.S. Coast Guard Academy Mr. Stephen Lyman, Maritime Association Port of NY/NJ
	Karen Baker, BOEM - SES, Chief Renewable Energy Programs (OREP)
	Reinhard W. Koenig - PE, SES, USACE - Programs Director NAD
	Susan Tuxbury - NOAA Fisheries GARFO
	Mr. Mike Emerson - SES, USCG, Director of the U.S. Marine Transportation System
1130	Keynote Lunch Speaker VADM Mike Connor (USN Ret), Chair and CEO Thayermahan “Detection, localizing, classifying and tracking the NARW and other Marine Mammals”
1200	1. Lunch 2. Announcement of Poster Winners - Captain Drew Tucci, USCG (Ret) 3. MRS 2024 overview – Dr. Brutzman, Naval Post Graduate School
1230	Panel 7: MRS Wrap-Up Panel “Symposium Highlights & Offshore Wind MTS Risk Management Interface and Research.” Facilitator: RADM Fred Rosa, (USCG, Ret.) John Hopkins APL
	Dr. Willis, Richard Hine, Dr. I.J. Arora, Scott Blough, Scott Brotemarkle, Dr. Tiffany Smythe and Stephen Lyman
1315	Break
1345	Evergreen Breakout Session 1 (Scenario-Based Planning Exercise) Plausible future operating environments that, as a set, capture future opportunities and threats (Zach Schulman and CDR Ryan Kelley)
1730	Day one Evergreen Wrap up

DAY 3: Thursday, November 16, 2023

0730 MAC Atrium	Breakfast
0800 - 1200	Evergreen
1200	Evergreen Wrap up Box Lunch
1230	MRS 2024 Planning Meeting Brutzman/Kee/DiRenzo