MSC Research Update  
October / November 2020

MSC to Hold a Maritime Cyber Security Course for the PACAREA Marine Safety Personnel. Following the delivery of MSC’s Maritime Cyber Security pilot course on Oct. 1 and 2, 2020 for the USCG Sector New York and Atlantic Area marine safety personnel, the Center will host a second course tailored to the PACAREA personnel. The MSC course is being coordinated by Sector LA/LB, in conjunction with CG Cyber Command and CG-FAC and will be held virtually on December 3rd and 4th. The two-day course provides Coast Guard personnel with foundational knowledge in cyber security concepts and increased awareness of cyber security vulnerabilities and mitigations to assist in making cyber assessments as part of routine facility and vessel inspections and cyber incident response.

VTS Radar for Small Vessel Detection Project Outcomes Webinar on December 16, 2020. Dr. Hugh Roarty (Rutgers University) will host a webinar on December 16, 2020 from 11:00 AM to 12:00 PM (EST) to discuss outcomes from the MSC sponsored VTS Radar for Small Vessel Detection research project. The webinar aims to bring together USCG and DHS stakeholders to discuss the team’s findings and proposed radar solutions to meet small vessel detection needs. If you are interested in attending, please contact us at MSC@stevens.edu.

MSC Summer Research Students Receive Best Student Poster Awards at the 11th Maritime Risk Symposium. Students from the MSC’s 2020 Summer Research Institute received 1st and 2nd place Best Student Poster awards out of 40 poster submissions at the 2020 Maritime Risk Symposium (MRS). The winning posters included the Sulfur Emission Detection Team (1st place) and the Maritime Cyber Security Risk Assessment Team (2nd place). Also, a poster co-authored by SRI alumni Liam Brew (2019/2018) tied for a first place award. Copies of the team’s posters can be found on the MRS website at https://ciri.illinois.edu/events/11th-maritime-risk-symposium-2020. Additional information on the team’s research projects can be found on the MSC website at www.stevens.edu/SummerResearchInstitute. The MSC’s Summer Research Institute’s Risk Management Dashboard and BlueROV teams also ranked among the top ten poster submissions.