

e-NAVIGATION UNDERWAY (North America) 2019

12-13 November 2019

ENABLING e-NAVIGATION: TODAY AND TOMORROW

Building the Infrastructure and Reaping the Benefits

DAY I

EVENT
REGISTRATION & Continental Breakfast
CONFERENCE OPENING
Opening of the Conference Mr. Ed Wendlandt, President of RTCM
Welcoming Remarks Mr. Paul Anderson, President & CEO, Port Tampa Bay (Invited)
SESSION I
E-NAVIGATION DEVELOPMENT AND INFRASTRUCTURE
Introduction to Session I Moderator: Captain Mike Trent, Managing Director, Maritime Technology Associates
IMO's Plan to Lead Shipping into a New Digital era Mr. Javier Yasnikouski, Technical Officer, Maritime Safety Division, IMO
e-Navigation Solutions Mr. Sun Bae Hong, SMART Navigation Project (invited)
The Maritime Connectivity Platform Mr. Thomas Christensen, Secretary-General, MCP Consortium
Keynote Address VADM Daniel B. Abel, U.S. Coast Guard Deputy Commandant for Operations
LUNCH
Speaker: Francis Zachariae, Secretary-General of IALA
Electronic Ship Reporting Mr. Fred Pot, Marine Management & Consulting
Connectivity - A Critical Key to Development Mr. Frank August, Director of OneWeb and Secretary, Mobile Satellite Users Association
The Top 5 COLREG Challenges facing Autonomous Vessel Operators Professor Craig H. Allen, University of Washington

SESSION II NORTH AMERICAN GOVERNMENTAL PLANS AND PROGRAMS	
Introduction to Session II	Ms. Helen Brohl, Executive Director, Committee for the Marine Transportation System, USDOT
North American Government Projects & Plans	Speakers from NOAA, U.S. Army Corps of Engineers, U.S. Coast Guard and Canadian Coast Guard
Cyber Security	Captain James Cash, Managing Director, Cyber Logistics Integration LLC

RECEPTION - Finger food, beverages

DAY II

CONTINENTAL BREAKFAST	
SESSION III NEW TECHNOLOGY AND TOOLS	
Introduction to Session III	Moderator: Captain Bradley Moore, Georgian College (Invited)
RCN Use of Augmented Reality for maintenance	Mr. Duncan McSporran, COO, and VP, Aerospace & Defence, Kognitiv Spark
OZT Information Display System	Speaker to be determined
Lock Entry Assist System	Representative of Wartsila Marine Solutions
LUNCH	
Speaker: Mr. Michael D. Emerson, Director, Marine Transportation Systems USCG	
SESSION III (Continued) NEW TECHNOLOGY AND TOOLS	
e-Navigation and Passage Planning	Mr. Tor Svanes, NAVTOR
Sea Traffic Management	Mr. Andy Paul, Senior Director, Maritime Quality Assurance, Carnival Corporation (invited)

SESSION IV WRAP UP – FORMULATE CONCLUSIONS & RECOMMENDATIONS	
Introduction of Session IV	Moderator: Michael Bergmann, Advisor, Marine Fields
Presentations by Session Moderators	
General Plenary Session – Discussions, formulate Conclusions and Recommendations	
Closing Remarks	Conference Chair