

# PRELIMINARY PROGRAM

## DAY 1, 3 APRIL

### THE MARITIME INFORMATION ENVIRONMENT: WHERE E-NAVIGATION IS GOING

**E-Navigation and the Future - Why we are here**, Capt. Samuel R. Pecota, Conference Chair

**Welcome to the Conference**, RADM T. A. Cropper, USN (Ret), President, California Maritime Academy

#### INTRODUCTORY SESSION

**Introduction to Session**, Ms. Helen Brohl, Director, Committee for the Marine Transportation System, U.S. Department of Transportation

**e-Navigation 101**, Dr Lee Alexander, University of New Hampshire

**IMO Update**, Mr. John Erik Hagen, Chair, IMO e-Navigation Correspondence Group

**The US e-Navigation Planning**, Mr. J. Michael Sollosi, U.S. Coast Guard Office of Navigation Systems and Co-Chair, Integrated Action Team, Committee for the Marine Transportation System

**The U.S. National Ocean Policy Implementation Plan**, Mr. John Hanson, West Coast Marine Planning Coordinator, NOAA Fisheries

**Canadian e-Navigation Planning**, Mr. Daniel Breton, Director, Marine Navigation, Canadian Coast Guard

**e-Navigation strategy of the Korean Government**, Mr. An Kwang, Deputy Director, Maritime Industry and Technology Division Ministry of Oceans and Fisheries(MOF), Republic of Korea

#### Moderated Panel Discussion

**Coastal State Involvement in Waterway Management**, Lunch Speaker Captain Thomas M. Cullen, Jr., Director, California Office of Oil Spill Prevention and Response

### WATERWAYS MANAGEMENT AND ENVIRONMENTAL STEWARDSHIP

**Introduction to Session**, Mr. David Patraiko FNI, Director of Projects, Nautical Institute

**Management in Crowded Waterways**, Capt. Douglas Grubbs, Crescent River Port Pilot (Ret), Member Marine Board

**San Francisco Bay - An e-navigation Prototype Laboratory** CDR Jason Tama, USCG Sector San Francisco

**ACCSEAS - The Future of e-navigation in the North Sea Region**, Mr. Alwyn Williams, ACCSEAS Project Manager

**Mona Lisa 2.0 Sea Traffic Management**, Capt. Ulf Svedberg, Senior Coordinator, Innovation and Development, Swedish Maritime Administration

#### Moderated Panel Discussion

**DINNER KEYNOTE ADDRESS:** Mr. Michael Carthew, President, Chevron Shipping Company

## DAY 2, 4 APRIL, TRACK 1

### THE HUMAN MACHINE INTERFACE

**Introduction to Session:** Dr. Lee Alexander, Moderator

**Human Perceptions**, Dr. Margareta Lutzhöft, Australian Maritime College, University of Tasmania

**Situational Centric Displays - Increased Information Through HDC Displays**, Michael Bergmann, President, CIRM

**Moving Forward with e-Navigation, RTCM's View**, Captain Joseph F. Ryan

**Display Options for Head-Up Information**  
Mr. Eric Holder, Fraunhofer FKIE, Germany

#### Moderated Panel Discussion

### TRAINING AND EDUCATION

**Introduction to Session** by Captain S. Pecota, California Maritime Administration

**A Cadet's View of E-Navigation and Training Needs**  
Cadet M. Wolczo, California Maritime Academy

**PLENARY: e-Navigation and Risk Management, the insurance industry perspective**, Lunch Speaker: CAPT Jorge Pecci, Head of Specialty Lines LAC, AIG Property Casualty

**Preparing for e-Navigation: Changing the teaching paradigm**, Dr. Stephen Price, Maritime Training, Research and Project Support

**Continuing Professional Development; Making (e?)-Commanders out of e-Navigators**, RADM Nigel Greenwood, Royal Canadian Navy (Ret)

**The e-Navigation System: How much does the mariner need to know?**, Captain Yashwant Chhabra, Anglo-Eastern Ship Management

#### Moderated Panel Discussion

**PLENARY: WRAP UP AND CONFERENCE COMMUNIQUÉ**

## DAY 2, 4 APRIL, TRACK 2

### e-NAVIGATION TECHNOLOGY

**Introduction to Session**, Captain William J. Burns, Moderator

**E-Navigation Infrastructure: Communications, databases and the Maritime Cloud**, David Camre, Software Developer, Danish Maritime Authority

**Making Everything Work Together: MARSSA**, Geir Fagerhus, CEO, MARSEC-XL International, Ltd.

**Software Quality Assurance Guideline for e-Navigation Systems**, Dr. Seojeong Lee, Korea Maritime University

**A German e-Navigation Testbed: Putting the IMO default Interface solution to the test**, Mr. Florian Motz, Project Manager, Fraunhofer - Institute for Communication, Information Processing and Ergonomics FKIE

**GPS/GNSS: Backup with Automatic Radar Positioning**  
Lanziner & Russell

**A Sea Watch service procedure as an e-navigation application tested in a ship handling simulator**, Mr. Reinhard Mueller, German Institute of Navigation

#### Moderated Panel Discussion

**PLENARY: e-Navigation and Risk Management, the insurance industry perspective**, Lunch Speaker: CAPT Jorge Pecci, Head of Specialty Lines LAC, AIG Property Casualty

### OTHER e-NAVIGATION ISSUES

**Reliance on e-navigation and the Insurance Industry**  
Mr. Ralph Bruni, Lead Casualty Investigator, RTI

**Situation Awareness: Requisite for E-Navigation** Dr. Norman Hertz, Progeny Systems, USA

**AIS Class E - Supporting the Recreational Boating Community over wireless Internet**: Mr. Chuck Benton, Technology Systems Inc.

**PLENARY: WRAP UP AND CONFERENCE COMMUNIQUÉ**

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