Presentations, Handouts, and Breakout Proceedings are in **red bold.**

8:00 a.m. – 9:00 a.m., **Outside of Grand Ballroom**
Continental Breakfast

9:00 a.m. – 9:45 a.m., **Grand Ballroom**
Opening Session
Welcome
VADM James Card (U.S. Coast Guard, ret.), Chair, Organizing Committee
Keynote Address
RADM Thomas Ostebo, U.S. Coast Guard 17th District Commander
*On behalf of VADM Peter Neffenger, U.S. Coast Guard, Deputy Commandant for Operations*

9:45 a.m. – 10:45 p.m., **Grand Ballroom**
Plenary/Panel Session
VADM James Card (U.S. Coast Guard, ret.), Chair, **presiding**
Commercial Shipping in the Arctic
RADM Gene Brooks (U.S. Coast Guard, ret.), Maersk Line Limited
TSB Response to the Clipper Adventure Grounding
W.C. (Bill) DuTrizac, Transportation Safety Board (TSB) of Canada

10:45 a.m. – 11:15 a.m., **Outside of Grand Ballroom**
Morning Break
11:15 a.m. – 12:15 p.m., Grand Ballroom
Plenary/Panel Session (continued)
VADM James Card (U.S. Coast Guard, ret.), Chair, presiding

Ice Sensing Technologies for Safe Arctic Navigation
Pablo Clemente-Colón, Navy/NOAA/U.S. Coast Guard Joint Ice Center

The Role of Collaborative Modeling in Creating and Sustaining Resilient Safety Systems
Jack Harrald, Professor, Center for Technology, Security, and Policy; Virginia Polytechnic Institute and State University (handout)

12:15 p.m. – 1:00 p.m., Grand Ballroom
Plenary Session

Puget Sound: Gateway to the Arctic
RADM Keith Taylor, U.S. Coast Guard 13th District Commander

Discussion of Goals
VADM James Card (U.S. Coast Guard, ret.), Chair

1:00 p.m., Outside of Grand Ballroom
Working Lunch
Pick up box lunch outside Ballroom and take to breakout rooms

1:15 p.m. – 3:00 p.m.
Breakout Sessions

Breakout Group 1, Chancellor
Shipping Operations / Traffic Regulation Schemes
Stephen Carmel and Steven Scalzo, Committee Members, presiding

Major Vessel Traffic Monitoring & Management Options for Reducing Risk of Arctic Maritime Operations
Ed Page, Marine Exchange of Alaska

Breakout Group 2, College
Emergency Response Capabilities
John Holmes and Mary Brooks, Committee Members, presiding

Major Cruise Line Perspective: Emergency Response in the Arctic
Cees Deelstra, Holland America Line

Arctic Navigation during Shell’s Alaska Operations and Emergency Response to a Freighter
Marshall Borden, Master AHTS Vessels, Shell International Exploration and Production, Inc.

Breakout Group 3, Grand Ballroom
Information Needs
George Newton and Steve Barnum, Committee Members, presiding

Planning for the Bering Strait Future: information Needs and Challenges
Molly McCammon, Alaska Ocean Observing System

Breakout Group 4, Regent
Models for Determining Needs and Resources
VADM James Card and Martha Grabowski, Committee Members, presiding

Safety of Maritime Operations in the Barents Sea
Beate Kvamstad, MARINTEK
8:00 a.m. – 4:30 p.m., Outside of Grand Ballroom
Registration

8:00 a.m. – 9:00 a.m., Outside of Grand Ballroom
Continental Breakfast

9:00 a.m. – 10:00 a.m., Grand Ballroom
Plenary Session
  VADM James Card (U.S. Coast Guard, ret.), Chair, Organizing Committee
  Update on CMTS U.S. Arctic Marine Transportation Policy Response Document
  David Murk, Office of the Secretary of Transportation; and Chair, CMTS Coordinating Board

10:00 a.m. – 10:45 a.m.
Breakout Sessions

Breakout Group 1, Chancellor
  Shipping Operations / Traffic Regulation Schemes
Breakout Group 2, College
  Emergency Response Capabilities
Breakout Group 3, Grand Ballroom
  Information Needs
Breakout Group 4, Regent
  Models for Determining Needs and Resources

10:45 a.m. – 11:15 a.m., Outside of Grand Ballroom
Morning Break
Breakout Group 1, Chancellor
Shipping Operations / Traffic Regulation Schemes

Breakout Group 2, College
Emergency Response Capabilities

Breakout Group 3, Grand Ballroom
Information Needs

Breakout Group 4, Regent
Models for Determining Needs and Resources

12:30 p.m. – 1:30 p.m., Outside of Grand Ballroom
Working Lunch

1:30 p.m. – 2:30 p.m.
Plenary Session
Summary of key issues and follow-up items for each breakout topic
VADM James Card (U.S. Coast Guard, ret.), Chair, presiding

2:30 p.m. – 3:00 p.m., Outside of Grand Ballroom
Afternoon Break

3:00 p.m. – 4:30 p.m.
Plenary Session (continued)
Summary of key issues and follow-up items for each breakout topic
VADM James Card (U.S. Coast Guard, ret.), Chair, presiding

4:30 p.m. – 5:00 p.m., Grand Ballroom
Closing Session
Final thoughts and Follow-up
VADM James Card (U.S. Coast Guard, ret.), Chair, presiding