



MEETING AGENDA
Theme: ENERGY SUSTAINABILITY
STAR Center, Dania Beach, FL

Wednesday, April 11, 2012 (Continental Breakfast)

- 8:00 am **REGISTRATION** (*Meeting Open to Everyone*)
- 8:30 am *Welcoming Remarks to SOCP Meeting*
- CAPT Royce Engler, President SOCP
 - Ms. Susan Hayman, Vice-President SOCP
 - CAPT Phil Shullo, Director, STAR Center
- 8:45 am *SOCP Projects and Initiatives Summary*
- Ms. Susan Hayman, Vice-President, SOCP
- 9:00 am *Keynote Speaker – Cruise Lines International Association (CLIA) Perspective*
- Mr. Charles "Bud" Darr, CLIA Director of Environmental and Health Programs
- 9:45 am *Panel Discussion: MARAD Environmental Program Review and Discussion*
Moderator – CAPT Royce Engler, President SOCP
- Mr. Mike Carter, MARAD, MARAD Environmental Program Overview
- 10:45 am **BREAK**
- 11:00 am *Panel Discussion: Environmental Control Areas (ECA)*
Moderator – CAPT Cole Cosgrove, Crowley
- Regulatory - Requirements & Enforcement – Mike Carter, MARAD
 - Compliance – Mr. Charles "Bud" Darr, CLIA
 - Technologies Exhaust Scrubbers – Jan Fredrik Gulbrandsen, Hamworthy Krystallon Ltd.
 - Low Sulphur Fuels Availability (Safety Issues & Concerns) – Larry Messina, Glanders
- 12:30 pm **LUNCH & NETWORKING**
- 1:30 pm *Panel Discussion: Ship Efficiencies*
Moderator/Presenter: Tom Kirk, ABS IMO Regulatory Requirements
- Ship Energy Efficiency Management Plan (SEEMP) – Michael Gaffney, Alaris Companies
 - Ship Efficiency Implementation Strategies - Kevin Reynolds, Glostten Associates
 - Energy Efficiency Design Index (EEDI) – Tom Kirk, ABS
- 3:00 pm **BREAK**
- 3:15 pm – 3:30 pm *Industry Updates*
STCW Status Update – Mr. Glen Paine, MITAGS
Ballast Water Regulations Update – John Morris, USCG
www.uscg.mil/environmental_standards/
Maritime Security Issue – Bob Ford, MARAD
- 3:30 pm *Panel Discussion: Expanded use of LNG as a Fuel for Powering Vessels*
Moderator/Presenter – CAPT Phil Shullo, AMO STAR Center
- Training Requirements, Trainers Perspective – AMO Star Center
 - Wartsila Overview – John Hatley

SHIP OPERATIONS COOPERATIVE PROGRAM

MEETING AGENDA (Cont'd) **Theme: ENERGY SUSTAINABILITY** **STAR Center, Dania Beach, FL**

- 4:00 pm **CONCLUDE DAY'S MEETING**
- 4:30 pm - 6:00 pm **HOST TOUR of WARTSILA LAND and SEA TRAINING FACILITY**
- 6:30 pm - 8:00 pm **Cocktail Reception**

SHIP OPERATIONS COOPERATIVE PROGRAM

MEETING AGENDA (Cont'd) Theme: ENERGY SUSTAINABILITY STAR Center, Dania Beach, FL

Thursday, April 12, 2012 (*Continental Breakfast*)

- 9:00 am **WELCOMING REMARKS** (*Meeting Open to Everyone*)
- CAPT Royce Engler, President SOCP
 - Ms. Susan Hayman, Vice-President SOCP
 - CAPT Phil Shullo, Director, STAR Center
- 9:05 am **SOCP BUSINESS** (*Open Meeting, All are Welcome to Attend*)
Marine Highways Committee (MHC)
- MHC Update/Discussion - Mr. Mark Yonge/Mr. Richard Plant
- 9:30 am *Maritime Near Miss Safety Reporting System*
- Dr. Kevin McSweeney, ABS
- 10:00 am *Maritime Cyber Security Training Product/Maritime Leadership Training Product Discussion*
- Mr. Nuns Jain/Mr. Todd Ripley (Bill Sims)
- 10:15 am *MARAD Sexual Harassment Workgroup Discussion*
- Anne Wehde, MARAD
- 10:45 am *MPSEC Working Group Activities*
- Education Update Report - Ms. Carol Wolosz, Committee Co-Chair
- 11:00 am **BREAK / WORKING LUNCH**
- 11:30 am *SOCP Project Discussions*
- Safety Working Group Report
 - STCW Status Update – Mr. Glen Paine, MITAGS
 - Marine Safety Information Systems Assessment Task – Mr. Todd Riley, MARAD
 - Mariner Medical Issues Working Group – Capt. Bob Sheen, OceanShipholdings
 - I Choose Not to Look the Other Way – Sharad Singh, SOCP Program Administrator
 - CEM's Project Update – Sharad Singh, SOCP Program Administrator
 - Line Handling & Mooring Safety Product Development – Sharad Singh, SOCP Program Administrator – Matthew Gasparich, MTS
 - Environmental Working Group Report
 - Exhaust Gas Scrubber Technology Assessment Update – Ms. Susan Hayman, FOSS/ Kevin Reynolds, Glosten Associates
 - Security Working Group Report
 - Piracy Response Book – Capt. Vince Corry, IAS
 - Security/Armed Personnel Standards – Sharad Singh, SOCP Program Administrator
 - Importance of Public Maritime Awareness/Web Meetings Technology – Nuns Jain, MARAD
 - SOCP Website Development Update – Royce Engler/Sharad Singh
- 12:45 pm *SOCP Business Meeting – Administrative Issues and Voting (Closed Meeting, SOCP Members Only)*
- Financial Report – Sharad Singh, SOCP Program Administrator
 - SOCP Membership Report – Sharad Singh, SOCP Program Administrator
 - SOCP 2012 Meetings – CAPT Royce Engler, President, SOCP
 - Summer 2012 (Mid July 2012) – Web Meeting – Online + Telcons
 - Fall 2012 – SOCP/SNAME (October 24-26, 2012) Joint Meeting, Providence, RI
 - Spring 2013 (Mid April 2013) – Maritime Academy of Toledo, Toledo, Ohio

SHIP OPERATIONS COOPERATIVE PROGRAM

MEETING AGENDA (Cont'd)

Theme: ENERGY SUSTAINABILITY

STAR Center, Dania Beach, FL

1:00 pm

SOCP Administrative and Issues/Projects Ballots, Discussions and Voting

- Issues/Projects Ballot - As reflected in the SOCP Business Meeting Folder

2:00 pm

CONCLUDE OFFICIAL SOCP MEETING

2:00 pm– 4:00 pm

WORKING GROUP BREAK OUT SESSIONS

MARAD Sexual Harassment Issue Discussion

- Anne Wehde, MARAD

MHC Working Group

- Mr. Mark Yonge/Mr. Richard Plant

SHIP OPERATIONS COOPERATIVE PROGRAM

MEETING AGENDA (Cont'd) Theme: ENERGY SUSTAINABILITY STAR Center, Dania Beach, FL

Please review and provide input during the discussion:

April 11 @ 9:45 am *Panel Discussion: MARAD Environmental Program Review and Discussion*
Moderator – CAPT Royce Engler, President SOCP

- Mr. Mike Carter, MARAD, MARAD Environmental Program Overview

Overview:

Over the past several years, MARAD's Office of Environment has been implementing an initiative on emerging environmental challenges to marine transportation. The primary focus initially has been on ballast water, but the scope has been expanding to include port and vessel air emissions and energy demonstration projects, as well as underwater hull fouling research. Our approach is to work collaboratively with industry, academia, and sister Federal agencies (like EPA, USCG, and NOAA) to concentrate resources on finding solutions that work and are economically viable. In addition to studies to enhance our understanding of maritime operations and the feasibility of possible environmental opportunities, we are interested in evaluating and demonstrating technologies for ship board application (e.g., ballast water treatment technologies, scrubbers, alternative fuels). Finally, we recognize that there is limited data on the effectiveness, capital and long-term maintenance costs, and practicability of technologies and alternative fuels. This impacts directly on the ability of policymakers and regulators to make reasoned decisions. Getting that data is another goal of MARAD's efforts.

Recent examples of our work include algae based biofuel testing on the school ship State of Michigan, testing of ballast water treatment technologies at 3 test facilities established by established, feasibility of using LNG in the Great Lakes.

In each of the past 3 years, MARAD has received between \$3 and \$4 million in funding for this effort and the Administration's FY 2013 budget requests an additional \$3 million.

Request:

In an effort to better organize and channel our efforts, MARAD is requesting input on the following topics:

- Emerging environmental issues facing the industry over the next 5 to 10 years
- Which of these issues could and should be the priority
 - For coordinated Federal efforts
 - For MARAD
- What is the relative value of
 - Studies
 - Demonstrations/pilot projects
 - Compendia of best practices, available technologies and associated data, how-to manuals