



SHIP OPERATIONS COOPERATIVE PROGRAM

Industry ▪ Government ▪ Labor ▪ Education

SOCP SUMMER WEBINAR
JULY 18, 2013

U.S. Coast Guard Q&A
and
Working Better Together -
Taking it to the Next Level

WELCOMING REMARKS

Todd Ripley, MARAD and SOCP Program Manager

- Welcome
- Webinar Guidelines
 - Do not place phones “On Hold”
 - “Mute” when not speaking to avoid background noise
 - Clearly identify yourself when speaking

ACTIVE PROJECTS

Maritime Leadership Training Product

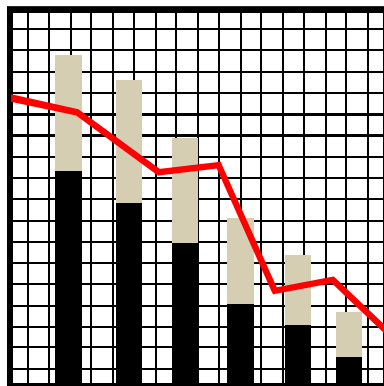
- Update provided by Todd Ripley, MARAD and SOCP Program Manager



ACTIVE PROJECTS

Safety Data/Near Miss Project

- Update provided by Todd Ripley, MARAD and SOCP Program Manager



ACTIVE PROJECTS

Maritime Studies Course Revision Project

- Update provided by Dr. Art Sulzer, Project Executive
- “Introduction to Maritime Studies, Education and Careers Course” expanded from 65 hours to 120 hours with modules added
- Project on-schedule and within budget
- Trial copy of the course will be available at the SOCP Fall Meeting



MARITIME STUDIES COURSE REV. PROJECT

Dr. Art Sulzer, Project Executive

Timeline	Activity
Jan – March 2013	Planning and recruitment of module developers
April – July 2013	Developers complete individual modules
July – Sept. 2013	Revisions to modules completed
Sept. – Dec. 2013	Modules tested in selected high schools
Jan – April 2014	Modules revised as per feedback from test schools
May 2014	Revised course presented at 2014 Marine/Maritime High School Conference at SUNY Maritime College. Available to general public at this time



ACTIVE PROJECTS

Mariner Information Systems Security Awareness (ISSA) Training CBT

- Update provided by Captain R.V. Sheen, Ocean Shipholdings, Inc. and SOCP Security Working Group
- Contract awarded on July 15, 2013 to Golden State Productions



MARINER ISSA TRAINING CBT



Project Description

- The purpose of this project is to assist vessel owners, vessel operators, merchant mariner unions, maritime academies and other maritime organizations with training merchant mariners aboard US Flag commercial vessels in best practices to reduce the risks and vulnerability associated with information systems.

MARINER ISSA TRAINING CBT



Project Objectives

- Identify what information assurance is and its importance
- Recognize vulnerabilities of and threats to shipboard information systems
- Identify how to protect maritime information systems from threats
- Identify best practices to secure a mariner's shipboard, office or personal computer, and protect Personally Identifiable Information (PII).
- Identify best practices for effective management and utilization of social media tools such as Facebook and Twitter, plus unintended consequences that could arise from using them.

MARINER ISSA TRAINING CBT



Project Objectives

- This training will also include separate sections that address issues for mariners working aboard vessels operated or chartered by government agencies. (i.e., MSC, MARAD, NOAA or other government agencies.)
- Such issues as specific log-in policies and rules surrounding working with classified information.

MARINER ISSA TRAINING CBT

Brian Moran, Golden State Productions



- As we start developing this training, a major challenge will be organizing wide range of information into a clear, logical, understandable format, *specifically geared to the needs of mariners.*
- We welcome input and suggestions as to the information security needs specific to the shipboard environment.
- We're looking for SOCP member vessels in the San Francisco area to shoot some onboard computer-use scenarios for this training.

MARINER ISSA TRAINING CBT

Brian Moran, Golden State Productions



- We see the recent expanded media focus on cyber security as a big plus for this training.
- Helping to motivate our audience to appreciate the seriousness of these potential threats, and the importance of taking appropriate counter-measures.

MARINER ISSA TRAINING CBT

Brian Moran, Golden State Productions



- Proposed Project Schedule

Timeline	Activity
July/August	Kick-off Meeting with Security Working Group
August	Draft Outline and Content. Submit for Approval
September	Shoot Video and Edit. Submit for Review
October	Interactive CBT Programming and Authoring
October	Draft CBT Version. Submit for Review and Finalize
November	Duplication, Marketing and Shipping

MARINER ISSA TRAINING CBT



Brian Moran, Golden State Productions

- We hope to make this CBT a compelling and worthwhile presentation for experienced and novice computer users alike, that will prove to be valuable in both the professional and personal lives of today's mariners.

ACTIVE PROJECTS

WatchStander Anti-Pirate System At Sea Test

- Update provided by Captain R.V. Sheen, Ocean Shipholdings, Inc. and Project Executive
- Tests have been successful
- System has met expectations



ANTI-PIRATE SYSTEM AT SEA TEST



Captain R.V. Sheen, Ocean Shipholdings, Inc. and Project Executive

Timeline	Activity
May 15 - 16	Initial shipboard tests of the Watchstander system took place onboard the SS Gopher State w/assistance of MARAD and Tote Services
July 9 - 12	Underway test of the Watchstander system was conducted on the SS Flickertail State w/assistance of MARAD and Tote Services
July 25	Working Group to Meet and Discuss Project / Way Forward

ON-HOLD PROJECTS

Todd Ripley, MARAD and SOCP Program Manager

- Mariner Questionnaire
 - 24/7 Internet
- Maritime Regulatory Reform Project
- Multi-Mission Disaster Relief Training Ship



WORKING GROUPS

Todd Ripley, MARAD and SOCP Program Manager

- MHC Working Group Activities
- MPSEC Working Group Activities
- Training Effectiveness Group Activities
 - CBT/Distant Learning



NEW INITIATIVES

Todd Ripley, MARAD and SOCP Program Manager

- The Maritime Industry DVD (career opportunities and importance to our economy)
- Mariner Wellness Cookbook
- Re-branding SOCP products (new covers and DVDs)
- Marketing SOCP 20 Year Anniversary



USCG DISCUSSION: Q&A



Issues of being out of compliance with STCW Requirements

– Mr. Luke Harden

USCG DISCUSSION: Q&A



Engineering Requirements, solutions for training

– Mr. Luke Harden

USCG DISCUSSION: Q&A



Latest philosophy on CBT Training and Distant Learning

– Mr. Luke Harden

USCG DISCUSSION: Q&A



Maritime Labour Convention (MLC)

– LCDR Chris Gagnon

MARITIME LABOUR CONVENTION



- The MLC Will enter into force on August 20, 2013.
- Regardless if U.S. ratifies – need to be prepared to implement for U.S. fleet.
 - Article V of Convention – “no more favorable treatment clause”
- Check the ILO’s website for a complete list of ratifying countries.
<http://www.ilo.org/global/standards/maritime-labour-convention/lang-en/index.htm>
- Fishing vessels, warships and naval auxiliary vessels are exempted and so are vessels that operate exclusively on inland waters such the great lakes between the U. S. and Canada.

MARITIME LABOUR CONVENTION



- Vessels over 500 GT (ITC) on int'l voyage:
 - Required to be inspected and issued a Maritime Labor Convention Certificate.

- Vessels less 500 GT (ITC) on int'l voyage:
 - Required to Meet MLC requirements but no MLC Certificates are required to be issued.

- Until the U.S. ratifies the Convention, the Coast Guard cannot mandate enforcement of its requirements on U.S. vessels or upon foreign vessels calling on U.S. ports. However, the Coast Guard will still continue to fulfill its responsibilities under previously ratified ILO Conventions.

MARITIME LABOUR CONVENTION



- To assist U.S. vessels who may operate in the ports of MLC ratifying nations, the Coast Guard has developed a voluntary MLC inspection program for U.S. vessels to demonstrate compliance with the Convention. The details of this program are contained in a soon to be published NVIC 02-13. The inspection program will allow vessels that want to comply with the MLC to be issued Statements of Voluntary Compliance.
- Because the U.S. has not ratified the MLC the Coast Guard has no authority to issue actual MLC certificates.

MARITIME LABOUR CONVENTION



- The Coast Guard is authorizing Recognized Class Societies to conduct voluntary MLC inspections and issue SOVCs. The Coast Guard does not intend to inspect or issue SOVCs to vessels that are classed and can receive the inspection from their class society. Also, the Coast Guard does not intend to inspect vessels that are under 500 GT ITC whether they are classed or not. The NVIC provides guidance for these vessels to “Self Certify” themselves or they can contact a RCS to schedule a voluntary exam for the issuance of a SOVC.

MARITIME LABOUR CONVENTION



MLC NVIC: (The provision of this NVIC are entirely voluntary)

- Describes the 14 areas in the MLC required for inspection
- Identifies U.S. National requirements as they correspond to the MLC
- Identifies how ship-owners can meet MLC requirements
- Identifies what CG/RCS inspectors should be looking to verify
- Provides a sample self declaration for vessels <500 GT
- Provides a sample format of the (DMLC) Part II for vessels >500 GT

USCG DISCUSSION: Q&A



Ballast Water Management (BWM) Requirements for Unmanned Cargo Barges

– Mr. John Morris

BWM FOR UNMANNED BARGES



- Ballast Water Management (BWM) requirements apply to some unmanned barges.
 - Barges that operate outside the EEZ and seagoing barges greater than 1,600 Gross Register Tons that take on and discharge ballast water in more than one Captain of the Port Zone.
- Available options for unmanned barges to meet Ballast Water Management Requirements besides installing a Ballast Water Management System (BWMS):
 - Retain BW onboard, do not discharge BW into U.S. waters, use U.S. Public Water System, or discharge BW to onshore facility/or another vessel for treatment.
 - If BWTS is chosen method for meeting requirements & no BWMS is type-approved or available for barge, owner may apply for extension to compliance date (33 CFR 151.2026).

BWM FOR UNMANNED BARGES



Meet discharge standard using Coast Guard Approved Ballast Water Management System (BWMS)



Alternate Management System (AMS) – up to 5 years



No BW Discharge



Use only water from a U.S. Public Water System (PWS)



Discharge to facility onshore or another vessel for treatment



USCG DISCUSSION: Q&A



PIC Endorsements

– Mr. Luke Harden

WORKING BETTER TOGETHER

Open Discussion facilitated by Todd Ripley, MARAD and SOCP Program Manager

- What are industries core needs?
- What do members want?
- Projects of interest?

WORKING BETTER TOGETHER

Open Discussion facilitated by Todd Ripley, MARAD and SOCP Program Manager

- “The” Maritime Cooperative: What does it look like?
 - Research Projects
 - Industry Issue Discussions with Solutions
 - Shared Resources
 - Collaboration Activities
 - Products

WORKING BETTER TOGETHER

Open Discussion facilitated by Todd Ripley, MARAD and SOCP Program Manager

- SOCP Mission, Vision, Values
 - Mission (**DRAFT**)

SOCP addresses and promotes commercial operations through the identification, development, and application of new procedures, products, training and technologies. SOCP's overall objective is to improve the safety, competitiveness, productivity, and environmental excellence of U.S. vessel operations. All U.S. based vessel operators and organizations that support vessel operations are eligible to participate in the cooperative. With the support of the Maritime Administration (MARAD): industry, labor, education and government will work together to address common challenges and identify new solutions for improvements in ship operations for U.S. based maritime organizations.

WORKING BETTER TOGETHER

Open Discussion facilitated by Todd Ripley, MARAD and SOCP Program Manager

- SOCP Mission, Vision, Values
 - Vision (**DRAFT**)

It is envisioned that the SOCP 20th Anniversary event hosted at DOT Headquarters will provide an opportunity to energize the spirit of collaboration to the broader maritime community, providing greater opportunity for **industry, government, labor and education** partnerships to improve maritime safety, security, efficiency, and environmental stewardship in support of an overall more efficient and safe transportation system. Moreover, it is anticipated that event could serve as the catalyst that introduces the broader maritime industry to SOCP and embrace it as a forum **for working collaboratively** to advance the maritime industry in support of the nation's transportation system.

WORKING BETTER TOGETHER

Open Discussion facilitated by Todd Ripley, MARAD and SOCP Program Manager

- SOCP Organizational Infrastructure
 - Working Groups



THANK YOU



www.socp.us

programadmin@socp.us