

The UNOLS Office has a series of training videos and CD-Rom's produced by the Ship Operations Cooperative Program (SOCP). All are available to UNOLS RVOC MEMBERS ONLY on a *lending basis* and must be returned to the UNOLS Office. If you are interested please contact the UNOLS Office at [office@unols.org](mailto:office@unols.org) . Include the following information in your e-mail: Your name, shipping address and phone number, item(s) requested from the list below.

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**Please note:** If you are not a UNOLS Member Institution but are interested in purchasing any of these videos, please contact SOCP directly. Here is the link to their Website: [http://www.socp.us/index.php?option=com\\_frontpage&Itemid=1](http://www.socp.us/index.php?option=com_frontpage&Itemid=1)

**Training Video Title:** International Safety Management Code

This video is aimed at ship operators or managers who are early in the process of implementing their International Safety Management (ISM) programs. The ISM Code provides an international standard for the safe management and operation of vessels and for pollution prevention. It also promotes the development of safeguards through emphasis on human element capabilities and training to harness advances in equipment or technology. In addition to describing the required elements of the Code, unique lessons learned by companies who have gone through ISM certification are included.

**Training Video Title:** Bridge Resource Management

The purpose of this video is to inform seagoing personnel of the concept of Bridge Resource Management and to gain an understanding of the human factors involved and how to control them. Topics covered include bridge organization and procedures, pilot and bridge team integration, voyage planning, situational awareness and error trapping, communications, stress, fatigue, leadership and group decision making. Bridge Resource management is such a crucial part of navigational safety that it is a requirement of the international STCW convention and the International Safety Management (ISM) Code.

**Training Video Title:** Drug and Alcohol Prevention Program

The 1995 amendments to the STCW convention require that crew members have knowledge of the dangers of drug and alcohol abuse. This video is based on an ILO manual for establishing a company-wide drug and alcohol prevention program. Topics covered include the cause and effect of substance abuse, alcohol abuse, dangerous drugs, what crew members can do about substance abuse, signs of substance abuse, intervention and monitoring, and establishing drug and alcohol prevention programs

**Training Video Title:** Enclosed Space Entry

Entry into, or work in confined or enclosed spaces may cause fires, explosions, injury, illness, or death. Because of these deadly hazards, the Occupational Safety and Health Administration, as well as the National Institute for Occupational Safety and Health, National Fire Protection Association, and the U.S. Coast Guard have prepared regulations and guidelines for entry or work in confined and enclosed spaces. The video covers hazards of confined or enclosed spaces, personal protective equipment, testing procedures, ventilating and inerting procedures, hot work, and emergency and rescue procedures.

**Training Video Title:** Engine Room Resource Management

The concept and practice of Bridge Resource Management is applied to engine room operations in this video, and human factors are the central theme. Topics covered include engineering organization and procedures, team building, situational awareness and error trapping, communications, stress, fatigue, leadership and group decision making, and cultural diversity. The relationship of Engine Room Resource Management to STCW implementation is stressed and it should be an integral element of the mariners STCW training package.

**Training Video Title:** Personal Survival Techniques (Part 1)

Personal Survival Techniques represents training requirements for both the 1995 Amendments to the STCW convention as well as the Code of Federal Regulations. Since the breadth of materials to be covered is quite large, this material is presented in a two part video. Part one covers evacuation, life rafts, personal life saving appliances, emergency electronic equipment, and survival at sea.

**Training Video Title:** Personal Survival Techniques (Part 2)

Personal Survival Techniques represents training requirements for both the 1995 Amendments to the STCW convention as well as the Code of Federal Regulations. Since the breadth of materials to be covered is quite large, this material is presented in a two part video. Part two covers lifeboats, fast rescue boats, and helicopter rescue.

**Training Video Title: Shipboard Accident Investigation**

An important part of a shipboard Safety Management System (SMS) is an effective accident investigation process. The level of safety has been shown to improve when changes are made as the result of analyses of accidents and near accidents. This video is intended to be used as a training aid to assist accident investigation teams in conducting investigations. It is also intended to make all crew members aware of the importance of reporting accidents and near accidents. The video addresses all of the elements of the investigation process, with emphasis on identifying root causes and making recommendations for corrective action.

**Training Video Title: Vessel Lay-Up Procedures**

The procedures necessary to prepare a vessel for long term layup are described in this video. These methods and procedures are based on those used by BP Oil Shipping Company and are described in an accompanying manual. These procedures describe all actions to be carried out in the layup of a steam powered tanker and should be viewed by all shipboard personnel aboard a vessel scheduled for layup so they may prepare and maintain their departments in the proper vessel lay-up condition. Also included are the periodic inspections that are required following layup of the vessel.

**Training Video Title: Personal Safety & Social Responsibility**

The video identifies examples of desirable and undesirable behavior of mariners behavior of mariners in a shipboard environment, including procedures, penalties and the correct method of filling out documentation for serious incidents in the context of marine accidents and incidents.

**Training Video Title: Shipboard Security Awareness**

The Shipboard Security training video is aimed at providing merchant ship crewmembers with an awareness of the possible threats against their vessels and how to recognize when such threats might occur. SOCP has made use of security professionals with maritime backgrounds such as the Global Maritime Transportation school at the U.S. Merchant Marine Academy, and other industry professionals, in the making of the video which should help to instill a high level of security awareness among crewmembers and will provide practical real-world advice to crews on the security of their ships.

## **SOCP Training CD-ROM's**

### **Training CD-ROM Title: Streamlined Boiler Automation Inspection CD-ROM**

The CD-ROM was developed and is being offered by SOCP to assist with the development of streamlining boiler automation inspection procedures and training. This Boiler Automation Inspection CD-ROM is intended to perform two functions with respect to the inspection of Boiler Automation Systems. The first is to describe a step-by-step procedure to enable the ship's crew to create a streamlined inspection procedure and prepare the needed documentation to obtain USCG approval of the modified procedure. This part of the presentation combines a description of the philosophy behind regulatory testing requirements and provides a methodology for developing an alternative simplified test plan for USCG approval. The second is to train the crew to conduct a typical Boiler Automation System Inspection. This is a multi-presentation of the tasks to be performed to carry out a typical inspection of a Boiler Automation System.

### **Training CD-ROM Title: Vessel Familiarization CD-ROM Template**

Vessel Familiarization CD-ROM Products - Vessel familiarization training is a company requirement of STCW-95 which states that "all seafarers who are newly employed on board the ship are given a reasonable opportunity to become familiar with the shipboard equipment, and operating procedures needed for the proper performance of their duties." SOCP has produced a Vessel Familiarization CD template for member operators to use in producing their own vessel specific training CD. This product also includes a detailed step-by-step instruction guide (cook book) to produce a familiarization CD.

## **SOCP Promotional Videos**

### **Promotional Video Title: Safe Use of Rigging Equipment**

The training video focuses on the safe lifting of the variety of cargo, equipment and provisions that are required during shipboard operations. It also outlines a small selection of the lifting gear and rigging solutions available to a seafarer.

### **Promotional Video Title: Safe Hot Work Procedures**

The subject of this training video is the safe use of Hot Work procedures on board ship. Hot Work on board ships has been the cause of many major fires and explosions. Ships have been lost and seafarers have died as a result. The video discusses how to avoid such incidents.

**Promotional Video Title: Safe Isolation of Machinery (Lock-Out/Tag-Out)**

The subject of this training video is the safe isolation of machinery by the use of lock-out/tag-out procedures. The lock-out/tag-out systems apply to electrical equipment, hydraulic motors, and steam driven winches and compressed air systems. They also apply to main propulsion engines and auxiliary engines and all power-driven systems throughout the ship.

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