

Imo Model Courses International Maritime Organization

This course should be taken by every prospective seafarer. It covers training in personal survival techniques and is based on the provisions of table A-VI/1-1 of the STCW Code.

First published: 1998.

This basic course provides training to navigation officers to operate ships in polar waters and to address those additional provisions deemed necessary for consideration beyond existing requirements of the SOLAS and MARPOL Conventions, in order to take into account the climatic conditions of polar waters and to meet appropriate standards of maritime safety and pollution prevention.

First published: IMO, 1990.

Medical care IMO Publishing

This model course is intended to provide the knowledge, skill and understanding of ECDIS and electronic charts to the thorough extent needed to safely navigate vessels whose primary means of navigation is ECDIS. The course emphasizes both the application and learning of ECDIS in a variety of underway contexts. The course is designed to meet the STCW requirements in the use of ECDIS, as revised by the 2010 Manila Amendments. It should be understood that this is a generic course which requires a structured and complementary on-board ship specific ECDIS familiarization for each shipboard ECDIS system on which the navigating officer serves. Those who successfully complete the course should be able to demonstrate sufficient knowledge to undertake the duties assigned under the SSP.

This course covers the training recommendations in annex 3 to the IMO Assembly resolution A.703(17) - Recommendation on Training of Radio Operators related to the Restricted Operator's Certificate (ROC). The course is revised to meet the relevant regulations of the STCW Code and the 2012 Radio Regulations of the International Telecommunication Union.

The course is essentially balanced between theory (lecture material) and practical group exercises and case studies. It consists of a series of exercises structured around the requirements of the international legislation, IMO conventions and instruments, and the required common and homogeneous approach, application of consistent methodology and no blame culture to adopt in the conduct of marine safety investigations into marine casualties and marine incidents; as well as to provide reports to the Organization. The group exercises and case studies are controlled by an instructor and, initially, allow the trainees to become familiar with applicable international legislation and IMO instruments on this matter as well as guidelines and procedures to be used.

This course combines two important aspects of modern shipping; care for the marine environment and the importance of human performance. The course is intended to give trainees knowledge of the importance and diversity of the marine environment as well as understanding and awareness of the impacts of shipping activities on the (marine) environment. The course will stimulate personal responsibility to use solutions that contribute to environmentally sound shipping.

This model course aims to assist instructors in the design and delivery of Port Facility Security officer (PFSO) training courses by: Linking the knowledge required to competently perform the duties and responsibilities of a PFSO, as identified in MSC.1/Circ.1188, Guidelines on Training and Certification for Port Facility Security Officers (22 May 2006), to the relevant guidance material contained in the Guide to Maritime Security and the ISPS Code, 2012 Edition; and identifying opportunities to increase the level of knowledge in certain key areas of responsibility. This model course is intended to provide the knowledge required to enable personnel without designated security duties in connection with a Ship Security Plan (SSP) to enhance ship security in accordance with the requirements of chapter XI-2 of SOLAS 74 as amended, the ISPS Code, and section A-VI/6-1 of the STCW Code, as amended. Those who successfully complete this course should achieve the required standard of competence enabling them to contribute to the enhancement of maritime security through heightened awareness and the ability to recognize security threats and to respond appropriately.

The course includes technical aspects of teaching that have a direct relation with the maritime simulator world. Without delving into the details at this stage, it is however emphasized that the simulator pedagogy, as well as psychology of learning forms an important element of the course. The topics that have been covered in this modular course have been chosen in such a way as to provide a valuable introduction for those who have little experience in teaching and also as a very useful refresher for experienced instructors. In addition, those whose teaching experience has been limited to lecturing will gain considerable exposure, as they will explore the world of maritime simulation along with a variety of teaching techniques. The course deals with the relevance of simulator in maritime training and the simulator pedagogy associated with the use of training on a maritime simulator. The basic aspects of the learning process, purpose of training, setting of training objectives and basic principles of course design and the psychology of learning has also been touched upon, however it does not form the main thrust of the course. It is assumed that course participants would have received formal training in these aspects prior to completing this programme. The course has a large practical component in which the participants implement the theoretical guidelines by planning, creating, executing and evaluating their own simulation exercises. The experimental nature of the course being conducted largely using simulators provides the participants the opportunity to hone the necessary skills required to be an effective simulator instructor.

This model course is intended to provide the knowledge required for seafarers with designated security duties in connection with a Ship Security Plan (SSP) to perform their duties in accordance with the requirements of chapter XI-2 of SOLAS 74 as amended, the ISPS Code, and section A-VI/6 of the STCW Code, as amended. Those who successfully complete the course should be able to demonstrate sufficient knowledge to undertake the duties assigned under the SSP.

IMO sales no.: T113E.

This model course is designed to facilitate the delivery of training in order to promote the energy-efficient operation of ships. The course contributes to the IMO's environmental protection goals

as set out in resolutions A.947(23) and A.998(25) by promulgating industry "Best Practices", which reduce greenhouse gas (GHG) emissions and the negative impact of global shipping on climate change. The course also covers essential subjects to develop management tools to assist a shipping company in managing the environmental performance of its ships. Therefore, the contents of the course reflect the guidance for the development of a Ship Energy Efficiency Management Plan (SEEMP), resolution MEPC.213(63), adopted 2 March 2012.

This course provides information on the generic use of AIS, and is designed for officers in charge of a navigational watch on ships that are fitted with such equipment. Its main aims are to increase safety and security and to protect the environment by giving instruction on the understanding and safe use of such systems, including illustrations of dangerous or improper use. This model course aims to meet the mandatory minimum requirements for knowledge, understanding and proficiency in table A-II/1 of the STCW Code and takes into account all relevant IMO resolutions and guidelines on AIS available at the time the model course was prepared.

This course provides training for officers and ratings. It comprises a basic training programme appropriate to their duties, including oil and chemical tanker safety, fire safety measures and systems, pollution prevention, operational practice and obligations under applicable laws and regulations. The course takes full account of section A-V/1-1 of the STCW Code adopted by the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers as amended, including the Manila amendments 2010

This model course is intended to provide the knowledge required to enable personnel without designated security duties in connection with a Port Facility Security Plan (PFSP) to enhance security in accordance with the requirements of Chapter XI-2 of SOLAS 74 as amended, the ISPS Code, the IMDG Code, the IMO/ILO Code of Practice on Security in Ports, and guidance contained in IMO MSC.1/Circ.1341. Successful trainees should contribute to the enhancement of maritime security through heightened awareness and the ability to recognize security threats and respond appropriately. IMO sales no.: T704E.

This model course is intended to provide the knowledge required for port facility personnel with designated security duties, such as guards, access control officers, training officers and relevant port facility managers, in connection with a Port Facility Security Plan (PFSP) to perform their duties in accordance with the requirements of the International Convention for the Safety of Life at Sea (SOLAS), chapter XI - 2, the International Ship and Port Facility Security (ISPS) Code, the International Maritime Dangerous Goods (IMDG) Code, the IMO/ILO Code of Practice on Security in Ports, and guidance contained in IMO MSC.1/Circ.1341 on Guidelines on Security-related training and familiarisation for port facility personnel

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