

IMO MODEL COURSES

These **teaching aids** are flexible in application: maritime institutes and their teaching staff can use them in organizing and introducing new courses or in enhancing, updating or supplementing existing training material.

The programme of model training courses developed out of suggestions from a number of IMO Member Governments, following the adoption of the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW), 1978.

Assisted by contributions from various Governments, IMO has designed the series of courses to help implement this Convention and, further, to facilitate access to the knowledge and skills demanded by increasingly sophisticated maritime technology.

The model courses each include a course framework (detailing the scope, objective, entry standards, and other information about the course), a course outline (timetable), a detailed teaching syllabus (including the learning objectives and competences that should have been achieved when the course has been completed by students) and guidance notes for the instructor. Many courses include background information for students, in a compendium.

BASIC TRAINING FOR OIL AND CHEMICAL TANKER CARGO OPERATIONS

(Model course 1.01) (2014 Edition)

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.

English TB101E ISBN 978-92-801-16076

£40 

BASIC TRAINING FOR LIQUEFIED GAS TANKER CARGO OPERATIONS

(Model course 1.04) (2014 Edition)

This course provides training for officers and ratings. It comprises a basic training programme appropriate to their duties for liquefied gas tanker safety, fire safety measures and cargo systems, pollution prevention, safe operational practice and obligations under applicable laws and regulations. The course takes full account of section A-V/1-2 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.

English TC104E ISBN 978-92-801-16083

£40 

SPECIALIZED TRAINING FOR LIQUEFIED GAS TANKERS

(Model course 1.06) (1999 Edition)

Those masters, officers and others who have immediate responsibility for the loading, discharging and care in transit or handling of liquefied gases will need to successfully complete this advanced programme of training in safety on a liquefied gas tanker, fire safety measures and systems, pollution prevention and control, operational practice and obligations under applicable laws and regulations if they are to attain the mandatory

minimum training requirements prescribed by regulation V/1-2 of the STCW Convention.

English	ETA106E	ISBN 978-92-801-61090
French	ETA106F	978-92-801-23623
Spanish	ETA106S	978-92-801-01140

£32 

RADAR NAVIGATION, RADAR PLOTTING AND USE OF ARPA

Radar Navigation at Operational level

(Model course 1.07) (1999 Edition)

This course provides training in the basic theory and use of radar for those who will be in charge of a navigational watch. It is based on the provisions of section A-I/12 of the STCW Code, and those who successfully complete it will have fulfilled the mandatory minimum training requirements.

English	TA107E	ISBN 978-92-801-61106
French	ETA107F	978-92-801-23050
Spanish	ETA107S	978-92-801-35442

£12 

RADAR, ARPA, BRIDGE TEAMWORK AND SEARCH AND RESCUE

Radar Navigation at Management level

(Model course 1.08) (1999 Edition)

This course provides management-level training in the use of radar and ARPA, including bridge teamwork and search and rescue. The course is based on the provisions of section A-I/12 of the STCW Code and those who successfully complete it will have fulfilled the mandatory minimum requirements of training in the use of radar and ARPA to maintain safety of navigation as in table A-II/2.

English	ETA108E	ISBN 978-92-801-61113
French	ETA108F	978-92-801-23067
Spanish	ETA108S	978-92-801-35459

£12 

DANGEROUS, HAZARDOUS AND HARMFUL CARGOES

(Model course 1.10) (2014 Edition)

This course is primarily intended for shore-based personnel and for personnel responsible for the cargo handling of packaged dangerous, hazardous and harmful cargoes aboard ships. It comes with a CD which contains PowerPoint presentations on the IMDG Code.

English	TB110E	ISBN 978-92-801-16106
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£40 

ELEMENTARY FIRST AID

(Model course 1.13 plus compendium) (2000 Edition)

This model course provides training in elementary first aid at the support level and is based on the provisions of table A-VI/1-3 of the STCW Code.

English	TA113E	ISBN 978-92-801-61175
French	ETA113F	978-92-801-41443
Spanish	ETA113S	978-92-801-01027

£12 

MEDICAL FIRST AID

(Model course 1.14 plus compendium) (2000 Edition)

This model course provides training in elementary first aid at operator's level and is based on the provisions of table A-VI/4-1 of the STCW Code.

English	TA114E	ISBN 978-92-801-61182
French	ETA114F	978-92-801-41436
Spanish	ETA114S	978-92-801-01034

£12 

MEDICAL CARE

(Model course 1.15 plus compendium)
(2000 Edition)

This two-volume model course provides training in elementary first aid at management level and is based on the provisions of table A-VI/4-2 of the STCW Code.

English	TA115E	ISBN 978-92-801-61205
French	ETA115F	978-92-801-41429

£30

PERSONAL SURVIVAL TECHNIQUES

(Model course 1.19) (2000 Edition)

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.

English	TA119E	ISBN 978-92-801-61199
French	ETA119F	978-92-801-23074
Spanish	ETA119S	978-92-801-35466

£16 

FIRE PREVENTION AND FIRE FIGHTING

(Model course 1.20) (2000 Edition)

This course provides mandatory minimum training in fire prevention and fire fighting and is based on the provisions of table A-VI/1-2 of the STCW Code.

English	TA120E	ISBN 978-92-801-50810
French	ETA120F	978-92-801-23142
Spanish	ETA120S	978-92-801-35558

£16 

PERSONAL SAFETY AND SOCIAL RESPONSIBILITIES

(Model course 1.21) (2000 Edition)

This course provides mandatory minimum training in personal safety and social responsibility and is based on the provisions of table A-VI/1-4 of the STCW Code.

English	TA121E	ISBN 978-92-801-50827
French	ETA121F	978-92-801-23081
Spanish	ETA121S	978-92-801-35473

£16 

SHIP SIMULATOR AND BRIDGE TEAMWORK

(Model course 1.22) (2002 Edition)

This model course is practical and theoretical, and consists of a series of exercises performed on a ship handling simulator. Classroom lectures, to provide the necessary theoretical background for the exercises, are included. Particular items dealt with in these lectures are illustrated either by including them as part of an exercise or by a separate simulator demonstration. Bridge teamwork is dealt with either as interactive Computer Based Training (CBT) or lecture.

English	TA122E	ISBN 978-92-801-41627
French	ETA122F	978-92-801-23630
Spanish	ETA122S	978-92-801-01362

£20 

PROFICIENCY IN SURVIVAL CRAFT AND RESCUE BOATS (OTHER THAN FAST RESCUE BOATS)

(Model course 1.23) (2000 Edition)

This course covers training in the mandatory minimum requirements for the issue of certificates of proficiency in survival craft as specified in section A-VI/2-1 of the STCW Code.

English	TA123E	ISBN 978-92-801-61156
French	ETA123F	978-92-801-23135
Spanish	ETA123S	978-92-801-35534

£16 

PROFICIENCY IN FAST RESCUE BOATS

(Model course 1.24) (2000 Edition)

This course provides training in fast rescue boats and is based on the provisions of table A-VI/2-2 of the STCW Code.

English	ET124E	ISBN 978-92-801-61168
French	ET124F	978-92-801-23579
Spanish	ET124S	978-92-801-01379

£16 

OPERATIONAL USE OF ELECTRONIC CHART DISPLAY AND INFORMATION SYSTEMS (ECDIS)

(Model course 1.27) (2012 Edition)

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.

English	TA127E	ISBN 978-92-801-15550
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£25 

CROWD MANAGEMENT, PASSENGER SAFETY AND SAFETY TRAINING FOR PERSONNEL PROVIDING DIRECT SERVICES TO PASSENGERS IN PASSENGER SPACES

(Model course 1.28) (2000 Edition)

This course covers the mandatory minimum training requirements for personnel on passenger and ro-ro ships and is based on the provisions of section A-V/2 of the STCW Code.

English	T128E	ISBN 978-92-801-50841
French	ET128F	978-92-801-23593
Spanish	ET128S	978-92-801-35541

£32 

PROFICIENCY IN CRISIS MANAGEMENT AND HUMAN BEHAVIOUR TRAINING INCLUDING PASSENGER SAFETY, CARGO SAFETY AND HULL INTEGRITY TRAINING

(Model course 1.29) (2000 Edition)

This course covers the mandatory training requirements for masters, chief mates, chief engineer officers, second engineer officers and every person assigned immediate responsibility for embarking and disembarking passengers, loading, discharging or securing cargo or closing hull openings on board passenger and ro-ro ships. It is based on the provisions of section A-V/2 and table A-V/2 of the STCW Code.

English	ET129E	ISBN 978-92-801-50858
French	ET129F	978-92-801-23609
Spanish	ET129S	978-92-801-35565

£32 

ON-BOARD ASSESSMENT

(Model course 1.30) (2001 Edition)

This course is intended for masters, chief mates, chief engineer officers, second engineer officers and other persons involved in assessing the level of competence of

seafarers undergoing training on board ships, in accordance with the provisions of the STCW Convention and Code.

English	ET130E	ISBN 978-92-801-50865
French	ET130F	978-92-801-23197
Spanish	ET130S	978-92-801-01386

£20 

SECOND-CLASS RADIOELECTRONIC CERTIFICATE FOR GLOBAL MARITIME DISTRESS AND SAFETY SYSTEM RADIO PERSONNEL

(Model course 1.31 and compendium) (2002 Edition)

This course is intended to give trainees theoretical knowledge and practical skills sufficient to perform functions of second-class radioelectronics personnel.

The Model Course is based on the Model Course 1.25, recommended by IMO, "General Operator's Certificate for the Global Maritime Distress and Safety System", as regards training organization, teaching aids and technical facilities. As the competence level of second-class radioelectronics personnel involves higher requirements concerning trouble-shooting, maintenance and repair of GMDSS equipment, the course comprises specific sections providing this kind of training.

English	ET131E	ISBN 978-92-801-51183
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£30 

OPERATIONAL USE OF INTEGRATED BRIDGE SYSTEMS INCLUDING INTEGRATED NAVIGATION SYSTEMS

(Model course 1.32) (2005 Edition)

The safe and efficient use at sea of integrated bridge systems (IBS) and integrated navigation systems (INS) requires a level of knowledge beyond that normally given in the training of an officer in charge of a navigational watch. It is not just a matter of learning to use new controls,

display techniques or how to switch on and off automatic functions. More importantly, it is learning the decision-making processes that must be applied in order to gain the full benefits of the integration in a safe manner and avoid the new problems that automatic controls and integrated systems can sometimes provoke.

This model course has been designed recognizing that integrated bridge systems and integrated navigation systems are a voluntary installation on vessels, and that they differ significantly in their configuration and operation from vessel to vessel. They can also interconnect to other bridge equipment and systems which may be compulsorily fitted to vessels as part of SOLAS or other requirements.

English	ET132E	ISBN 978-92-801-42037
French	ET132F	978-92-801-23616
Spanish	ET132S	978-92-801-01331

£20 

SAFETY OF FISHING OPERATIONS (Support level)

(Model course 1.33) (2005 Edition)

The standards of competence that have to be met by fishermen are defined in the International Convention on Standards of Training, Certification and Watchkeeping for Fishing Vessel Personnel, 1995 (STCW-F). This specific model course was developed on the requirements laid out in STCW-F.

The model course aims to provide the training for candidates to undertake fishing operations on board ship, in accordance with chapter III, regulation 1.6, and attachment 2, resolution 4, annex 2.2 of STCW-F.

This syllabus covers the requirements of the STCW-F and IMO/FAO/ILO Document for Guidance on Training and Certification of Fishing Vessel Personnel, chapter 6.24 and 6.29. On meeting the minimum standard of competence in fishing operations, a trainee will be competent to understand the fishing methods and associated fishing gear and to safely engage in fishing operations under the supervision of an experienced deckhand.

The course is open to all fishing vessel personnel who are to serve on board sea-going fishing vessels. There are no particular educational entry requirements.

English	ET133E	ISBN 978-92-801-42044
French	ET133F	978-92-801-23586
Spanish	ET133S	978-92-801-01348

£20 

AUTOMATIC IDENTIFICATION SYSTEMS (AIS)

(Model course 1.34) (2006 Edition)

The Organization has mandated, in SOLAS chapter V, the carriage of equipment meeting the requirements of the Universal Shipborne Automatic Identification System (AIS) on all larger ships (as defined in section 3.1 of this model course) to enhance the safety of life at sea, the safety of navigation and the protection of the marine environment.

Courses based on this model course may be standalone and as such will be useful for updating existing watchkeeping staff. For seafarers who are training to become an Officer of the Watch (OOW) it is good practice to ensure an appropriate level of integration between this model course and Model Course 1.07 (Radar navigation, radar plotting and use of ARPA) and Model Course 7.03 (Officer in charge of a navigational watch).

Training colleges undertaking such a course will need a simple AIS simulator and a radar target tracker (ARPA) simulator with AIS display capabilities. System requirements are discussed under 'Teaching facilities and equipment' in part A of this model course. A detailed discussion on simulator exercises is given in the final section of part D.

English	T134E	ISBN 978-92-801-42273
French	ET134F	978-92-801-23562
Spanish	ET134S	978-92-801-01430

£30 

LIQUEFIED PETROLEUM GAS (LPG) TANKER CARGO & BALLAST HANDLING SIMULATOR

(Model course 1.35) (2007 Edition)

The course is essentially a practical one, and consists of a series of exercises structured around the operation of the cargo and ballast installation of a liquefied gas tanker and carried out in conjunction with a simulator.

English	ET135E	ISBN 978-92-801-14836
French	ET135F	978-92-801-23920
Spanish	ET135S	978-92-801-01782

£20 

LIQUEFIED NATURAL GAS (LNG) TANKER CARGO & BALLAST HANDLING SIMULATOR

(Model course 1.36) (2007 Edition)

The course is essentially a practical one; it consists of a series of exercises structured around the operation of the cargo and ballast installation of an LNG tanker and carried out in conjunction with a simulator.

English	ET136E	ISBN 978-92-801-14843
French	ET136F	978-92-801-23937
Spanish	ET136S	978-92-801-01775

£20 

CHEMICAL TANKER CARGO & BALLAST HANDLING SIMULATOR

(Model course 1.37) (2007 Edition)

The course is essentially a practical one, and consists of a series of exercises structured around the operation of the cargo and ballast installation of a chemical tanker and carried out in conjunction with a simulator.

English	ET137E	ISBN 978-92-801-14850
French	ET137F	978-92-801-23944
Spanish	ET137S	978-92-801-01768

£20 

MARINE ENVIRONMENTAL AWARENESS

(Model course 1.38) (2011 Edition)

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.

English T138E ISBN 978-92-801-15383

£20 

LEADERSHIP AND TEAMWORK

(2014 Edition)

This model course is intended to provide a person with the knowledge, skill and understanding of leadership and teamwork at the operational level on board a ship.

The course is designed to meet STCW requirements for the application of leadership and team working skills, in accordance with the 2010 Manila Amendments, specifically as stated in table A-II/1, A-III/1 and A-III/6, Function: Controlling the operation of the ship and care for persons on board at the operational level.

English T139E ISBN 978-92-801-15796

£20 

ADVANCED TRAINING IN FIRE FIGHTING

(Model course 2.03 plus compendium) (2000 Edition)

This course covers training in fire fighting and is based on the provisions of table A-VI/3 of the STCW Code.

English TA203E ISBN 978-92-801-50872

£16 

OIL TANKER CARGO AND BALLAST HANDLING SIMULATOR

(Model course 2.06) (2002 Edition)

This model course is essentially a practical one and consists of a series of exercises structured around the operation of the cargo and ballast installation of an oil tanker and carried out in conjunction with a simulator.

English ETA206E ISBN 978-92-801-41634

French ETA206F 978-92-801-23647

Spanish ETA206S 978-92-801-01393

£20 

ENGINE-ROOM SIMULATOR

(Model course 2.07) (2002 Edition)

This model course is essentially a practical one, consisting of a series of exercises structured around the operation of a ship's machinery installation and carried out in conjunction with an engine-room simulator.

English ETA207E ISBN 978-92-801-41641

French ETA207F 978-92-801-23654

Spanish ETA207S 978-92-801-01409

£20 

SURVEY OF MACHINERY INSTALLATIONS

(Model course 3.03 plus compendium) (2004 Edition)

This two-volume course covers the requirements of initial, annual, intermediate, and periodical and renewal surveys, as specified in SOLAS. It does not cover preliminary design or plan approvals, nor does it cover the survey or inspection of chemical tankers, gas carriers, special purpose ships or mobile offshore units.

Those wishing to enter this course should be fully qualified chief engineers, naval architects/marine engineers or hold any equivalent qualification and have experience related to the survey or repair of the machinery of ships.

English TA303E ISBN 978-92-801-41863

French ETA303F 978-92-801-23883

Spanish ETA303S 978-92-801-01751

£24 

SURVEY OF ELECTRICAL INSTALLATIONS

(Model course 3.04) (2004 Edition)

This course covers the requirements of the initial, annual, intermediate and periodical surveys, as specified in SOLAS. It does not cover preliminary design or plan approvals, nor does it cover the survey or inspection of chemical tankers, gas carriers, special purpose ships or mobile offshore units.

Those wishing to enter this course should be fully qualified chief engineers, or hold an equivalent qualification and have practical experience related to the operation of electrical systems and equipment.

English ETA304E ISBN 978-92-801-00365

French ETA304F 978-92-801-23661

£40 

SURVEY OF FIRE APPLIANCES AND PROVISIONS

(Model course 3.05 plus compendium) (2004 Edition)

This course covers the requirements of the initial, annual, intermediate and periodical surveys, as specified in SOLAS. It does not cover preliminary design or plan approvals, nor does it cover the survey or inspection of chemical tankers, gas carriers, special purpose ships or mobile offshore units.

Those wishing to enter this course should be fully qualified master mariners, chief engineers, and naval architects/marine engineers or hold any equivalent qualification and have experience related to the structural survey of ships, ship construction or ship repair work.

English ETA305E ISBN 978-92-801-00372

French ETA305F 978-92-801-23913

Spanish ETA305S 978-92-801-01584

£60 

SURVEY OF LIFE-SAVING APPLIANCES AND ARRANGEMENTS

(Model course 3.06 plus compendium) (2004 Edition)

This course covers the requirements of the initial, annual, intermediate and periodical surveys, as specified in SOLAS. It does not cover preliminary design or plan approvals, nor does it cover the survey or inspection of chemical tankers, gas carriers, special purpose ships or mobile offshore units.

Those wishing to enter this course should be fully qualified master mariners, chief engineers, or naval architects/marine engineers or hold any equivalent qualification and have experience related to the survey or repair of the life-saving appliances of ships.

English ETA306E ISBN 978-92-801-00389

£40

HULL AND STRUCTURAL SURVEYS

(Model course 3.07 plus compendium) (2004 Edition)

This three-volume course covers the requirements for hull structures at initial, annual, intermediate, periodical and renewal and additional surveys, as specified in SOLAS, as amended up to its 1988 Protocol, and in the 1966 Load Lines Convention, including its 1988 Protocol. It does not cover preliminary design or plan approvals and metallurgical tests of materials. Nor does it cover the survey or examination of chemical tankers and gas carriers other than citing inspection details for annual surveys. Special purpose ships or mobile offshore units are not covered.

Those wishing to enter this course should hold an appropriate qualification in naval architecture or a certificate as chief engineer or hold an equivalent qualification and have experience in the structural survey, construction or repair of ships.

English ETA307E ISBN 978-92-801-41887

French TA307F 978-92-801-23678

Spanish TA307S 978-92-801-01621

£80 

SURVEY OF NAVIGATIONAL AIDS AND EQUIPMENT

(Model course 3.08 plus compendium)
(2004 Edition)

This course covers the requirements for the initial, annual, intermediate and periodical surveys, as specified in SOLAS.

Those wishing to undertake this course should be fully qualified deck officers or hold an equivalent qualification and have experience related to the survey or repair of navigational aids and equipment of ships.

English	ETA308E	ISBN 978-92-801-00396
French	ETA308F	978-92-801-23685

£40 

PORT STATE CONTROL

(Model course 3.09) (2001 Edition)

This course is for officers, whether they have been ship surveyors, masters, chief officers or chief or second engineer officers, who are to be authorized by their Governments to execute port State control in accordance with regulation 19 of chapter I and regulation 4 of chapter XI-1 of SOLAS, as amended, with article 21 of Load Lines, with articles 5 and 6 and regulations I/4, II/10, III/8 and V/8 of MARPOL, with article X and regulation 4 of chapter I of STCW and with article 12 of Tonnage Convention. Those who successfully complete the course will be able to identify the responsibilities of a flag State to exercise control over its ships and explain the role of a port State in supplementing such control, to identify and correctly use those instruments available for port State control and to correctly identify and properly report any deficiencies to the flag State and to IMO, as appropriate.

English	TA309E	ISBN 978-92-801-51046
French	ETA309F	978-92-801-23906
Spanish	ETA309S	978-92-801-00747

£24 

SAFETY INVESTIGATION INTO MARINE CASUALTIES AND MARINE INCIDENTS

(Model course 3.11) (2014 Edition)

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.

English	TB311E	ISBN 978-92-801-16090
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£40 

ASSESSMENT, EXAMINATION AND CERTIFICATION OF SEAFARERS

(Model course 3.12 plus compendium)
(2000 Edition)

The objectives of this two-volume course are to provide knowledge and skills for trainees to administer, supervise and monitor training and assessment of seafarer competence in accordance with the provisions of section A-I/6 of the STCW Code. It includes introductory classroom instruction on the assessment, examination and certification of seafarers (in particular masters, mates, chief engineers and engineer officers), covering the international provisions for training, assessment, examination and certification of masters, officers and ratings; the implementation of these provisions under national law; the selection of assessment methodologies; the organization of

assessments; and the issue and control of certificates.

English TA312E ISBN 978-92-801-50889

Spanish ETA312S 978-92-801-01416

£80 

SAR ADMINISTRATION (IAMSAR MANUAL VOLUME I)

(Model course 3.13) (2014 Edition)

This course is intended to provide an introduction to the administration and management of a maritime search and rescue (SAR) service to assist States in meeting their own SAR needs, and the obligations they accepted under the International Convention on Maritime Search and Rescue, 1979 and its amendments together with the International Convention for the Safety of Life at Sea (SOLAS), 1974, and its amendments.

It covers the global SAR system concept, establishment and improvement of national and regional SAR systems and co-operation with neighbouring states to provide effective and economical SAR services as described in the International Aeronautical and Maritime Search and Rescue Manual, Volume I, Organization and Management.

English TB313E ISBN 978-92-801-15840

£20 

SAR ON-SCENE COORDINATOR (IAMSAR MANUAL VOLUME III)

(Model course 3.15) (2014 Edition)

This model course aims to provide knowledge to those who may be designated to perform the duties and responsibilities of a Search and Rescue On-Scene Coordinator (OSC) for a search and rescue incident, as defined in the International Aeronautical and Maritime Search and Rescue Manual (IAMSAR), Volume III. By doing so, the purpose of this model course is to assist States in meeting their own SAR obligations they accepted under the International Convention on Maritime Search and Rescue,

1979 and the International Convention for the Safety of Life at Sea (SOLAS), 1974.

English T315E ISBN 978-92-801-15857

£20 

MARITIME ENGLISH

(Model Course 3.17) (2015 Edition)

There are two sections in the revised IMO model course on Maritime English: Core section 1: General Maritime English (GME), and Core section 2: Specialized Maritime English (SME), both of which contain a number of detailed teaching syllabi. GME means that the first stage of Maritime English instruction could be general. SME means that the second stage of Maritime English instruction could be maritime-specific.

English TB317E ISBN 978-92-801-16229

£60 

SAFE PACKING OF CARGO TRANSPORT UNITS (CTUs)

(Model course 3.18) (2001 Edition)

This course provides basic training in the safe packing and securing of cargoes in cargo transport units.

English ET318E ISBN 978-92-801-51169

£28 

Workbook, with quick lashing guides for transport on road and in sea areas A, B and C.

English T318CE ISBN 978-92-801-51275

£24 

SHIP SECURITY OFFICER

(Model course 3.19) (2012 Edition)

This model course is intended to provide knowledge to those who may be designated to perform the duties and responsibilities of a Ship Security Officer (SSO), as defined in section A/2.1.6 (and section A/12) of the ISPS Code and in section A-VI/5 of the

STCW Code, as amended, and in particular the duties and responsibilities with respect to the security of a ship, for implementing and maintaining a Ship Security Plan and for liaising with the Company Security Officer (CSO) and with Port Facility Security Officers (PFSOs).

With this revision of the Ship Security Officer course, specific training to address the problem of piracy and armed robbery against ships is emphasized.

English	TA319E	ISBN 978-92-801-15567
Spanish	TA319S	978-92-801-31206

£25 



COMPANY SECURITY OFFICER

(Model course 3.20) (2011 Edition)

This model course has been based on MSC/Circ.1154, "Guidelines on training and certification for Company Security Officers", and aims to provide knowledge to those who may be designated to perform the duties and responsibilities of a Company Security Officer (CSO), as defined in paragraph 2.1.7 (and paragraph 11) of the ISPS Code, Part A, and in particular the duties and responsibilities with respect to the security of a ship, for ensuring the development (or for developing) of a ship security assessment, for ensuring the development (or for developing), implementation, maintenance and updating of a ship security plan and for liaising with Ship Security Officers (SSOs) and with Port Facility Security Officers (PFSOs).

English	TA320E	ISBN 978-92-801-15390
Spanish	TA320S	978-92-801-32277

£25 

FLAG STATE IMPLEMENTATION

(Model course 3.22) (2010 Edition)

This course is intended to provide officers of the Maritime Safety Administration with information on the different obligations and duties of the flag States as required by the United Nations Convention on the Law of

the Sea (UNCLOS). It describes how the flag State administration would efficiently discharge such obligations and duties.

English	ET322E	ISBN 978-92-801-61212
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£30 

ACTIONS TO BE TAKEN TO PREVENT ACTS OF PIRACY AND ARMED ROBBERY

(Model course 3.23) (2011 Edition)

The emphasis of this model course is not on training to fight pirates, but rather to assist trainees to identify, deter or mitigate such actions through proper planning, preparation and coordination with various entities.

English	T323E	ISBN 978-92-801-15277
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£30 

SECURITY AWARENESS TRAINING FOR PORT FACILITY PERSONNEL WITH DESIGNATED SECURITY DUTIES

(Model course 3.24) (2011 Edition)

This model aims to provide the knowledge required for port facility personnel with designated security duties in connection with a Port Facility Security Plan (PFSP) to perform their duties 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. Some examples of the objectives of this course include: knowledge of current security threats and patterns; recognition of detection of weapons, dangerous substances and devices; crowd management and control techniques and operation of security equipment and systems. Those who successfully complete this course should be able to undertake the duties and responsibilities as personnel with designated security duties in connection with a PFSP.

English	T324E	ISBN 978-92-801-42464
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£25 

SECURITY AWARENESS TRAINING FOR ALL PORT FACILITY PERSONNEL

(Model course 3.25) (2011 Edition)

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.

English T325E ISBN 978-92-801-42471

£25 

SECURITY TRAINING FOR SEAFARERS WITH DESIGNATED SECURITY DUTIES

(Model course 3.26) (2012 Edition)

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.

English T326E ISBN 978-92-801-15574

£25 

SECURITY AWARENESS TRAINING FOR ALL SEAFARERS

(Model course 3.27) (2012 Edition)

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.

English T327E ISBN 978-92-801-15581

£25 

ENERGY EFFICIENT OPERATION OF SHIPS

(Model course 4.05) (2014 Edition)

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.

English T405E ISBN 978-92-801-15864

£20 

TRAINING COURSE FOR INSTRUCTORS

(Model course 6.09) (2001 Edition)

This course is designed to facilitate the delivery of training in the competence standards required by the STCW Convention. It will also provide a sound basis for the delivery of other training programmes.

English	TA609E	ISBN 978-92-801-51152
French	ETA609F	978-92-801-23692
Spanish	ETA609S	978-92-801-01188

£32 

TRAIN THE SIMULATOR TRAINER AND ASSESSOR

(Model course 6.10) (2012 Edition)

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.

A CD is included with the publication which contains a video (demo 1) and program simulator (demo 2).

English	T610E	ISBN 978-92-801-15598
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£25 

MASTER AND CHIEF MATE

(Model course 7.01) (2014 Edition)

This model course aims to meet the mandatory minimum requirements for knowledge, understanding and proficiency in Table A-II/2 of STCW Code for the function Navigation at the Management Level, for the function Cargo Handling and Stowage at the Management Level and the background knowledge to support Controlling the Operation of the Ship and Care for Persons on Board at the Management Level.

English	TB701E	ISBN 978-92-801-15899
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£60 

CHIEF ENGINEER OFFICER AND SECOND ENGINEER OFFICER

(Model course 7.02) (2014 Edition)

This model course aims to meet the mandatory minimum requirements for knowledge, understanding and proficiency in Table A-III/2 of STCW Code for the function Marine Engineering at the Management Level, for the function Electrical, Electronic and Control Engineering at the Management Level, for the function Maintenance and Repair at the Management Level and the background

knowledge to support Controlling the Operation of the Ship and Care for Persons on Board at the Management Level.

English TB702E ISBN 978-92-801-15826

£60 

OFFICER IN CHARGE OF A NAVIGATIONAL WATCH

(Model course 7.03) (2014 Edition)

This model course comprises three functions at the operational level. On successful completion of the training and assessment trainees should be competent to carry out safely the watchkeeping duties of an officer in charge of a navigational watch, both at sea and in port. In particular, they will be fully conversant with the basic principles to be observed in keeping a navigational watch as per STCW Regulation VIII/2 and STCW Code Chapter VIII.

English TB703E ISBN 978-92-801-15888

£60 

OFFICER IN CHARGE OF AN ENGINEERING WATCH

(Model course 7.04) (2014 Edition)

This model course aims to meet the mandatory minimum requirements for knowledge, understanding and proficiency in Table A-III/1 of STCW Code for the function Marine Engineering, Electrical, Electronic and Control Engineering, Maintenance and Repair and Controlling the Operation of the Ship and Care for Persons on Board at the Operational Level.

English TB704E ISBN 978-92-801-15833

£60 

SKIPPER ON A FISHING VESSEL

(Model course 7.05) (2008 Edition)

The standards of competence that have to be met by fishing vessel personnel are defined in the International Convention on Standards of Training, Certification and Watchkeeping for Fishing Vessel Personnel, 1995 (STCW-F). It sets out the education and training requirements for achieving those standards. Specifically, this course covers the minimum standard of competence for skippers on fishing vessels of 24 metres in length and over, operating in unlimited waters.

English ET705E ISBN 978-92-801-00402

Spanish T705S 978-92-801-02116

£40 

OFFICER IN CHARGE OF A NAVIGATIONAL WATCH ON A FISHING VESSEL

(Model course 7.06) (2008 Edition)

The course is organized under the three functions at the operating level of responsibility. Specifically, this course covers the minimum standard of competence for officers in charge of a navigational watch on fishing vessels of 24 metres in length and over, operating in unlimited waters.

English ET706E ISBN 978-92-801-00419

Spanish T706S 978-92-801-02123

£40 

CHIEF ENGINEER OFFICER AND SECOND ENGINEER OFFICER ON A FISHING VESSEL

(Model course 7.07) (2008 Edition)

The course is organized under three functions at the management level of responsibility to cover all the required functional elements. Specifically, this course covers the minimum standard of competence for chief engineer officers and second engineer officers on fishing vessels powered by main propulsion machinery

of 750 kW propulsion power or more required by regulation II/5 of STCW-F.

English	ET707E	ISBN 978-92-801-00426
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Spanish	T707S	978-92-801-02130
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£40 

ELECTRO-TECHNICAL ENGINEER

(2014 Edition)

This model course aims to meet the mandatory minimum requirements for knowledge, understanding and proficiency in Table A-III/6 of STCW Code for the function Electrical, Electronic and Control Engineering at the Operational Level, for the function Maintenance and Repair at the Operational Level and the background knowledge to support Controlling the Operation of the Ship and Care for Persons on Board at the Operational Level.

English	T708E	ISBN 978-92-801-15802
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£30 