

SUB-COMMITTEE ON HUMAN ELEMENT,  
TRAINING AND WATCHKEEPING  
2nd session  
Agenda item 3

HTW 2/3  
16 September 2014  
Original: ENGLISH

## VALIDATION OF MODEL TRAINING COURSES

### Report on the model course programme

#### Note by the Secretariat

#### SUMMARY

*Executive summary:* This document provides information on the development, review, updating, translation and publication of model courses

*Strategic direction:* 5.2

*High-level action:* 5.2.2

*Planned output:* 5.2.2.3

*Action to be taken:* Paragraph 4

*Related document:* HTW 1/3

#### General

1 In response to the Maritime Safety Committee's instructions, at its sixty-eighth session (MSC 68/23, paragraph 12.5) and all sessions thereafter, the Secretariat continued to work intersessionally on the model course project, progress on which is reported in the ensuing paragraphs.

#### Overview

2 Attached in the annex is updated information on IMO model courses which have been printed and are available for use; courses which are being revised or to be revised; courses which have been developed and prepared for publication; those which are out of print pending revision; and those which have been translated and published in French and Spanish.

### **Current work**

3 Existing model courses are being revised and updated and new model courses, to address the 2010 Manila Amendments to the STCW Convention and Code, are being developed within the available resources in a phased manner.

### **Action requested of the Sub-Committee**

4 The Sub-Committee is invited to note this information, as well as additional information, as may be provided orally by the Secretariat during the session, updating the status of production and revision of IMO model courses since this document was drafted, and take action, as appropriate.

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**ANNEX**

**STATUS OF MODEL COURSES AS AT 5 SEPTEMBER 2014**

<b>Model courses printed and available for use</b>			<b>Edition</b>
1	1.01	Basic training for Oil and Chemical Tanker cargo operations	2014
2	1.02	Advance training for Oil Tanker Cargo Operations**	2006
3	1.03	Advance training for Chemical Tanker Cargo Operations**	2006
4	1.04	Basic training for Liquefied Gas Tanker cargo operations	2014
5	1.05	Advance training for Liquefied Gas Tanker Cargo Operations**	1999
6	1.07	Radar Navigation, Radar Plotting and Use of ARPA – Radar Navigation at Operational Level	1999
7	1.08	Radar, ARPA, Bridge Teamwork and Search and Rescue – Radar Navigation at Management Level	1999
8	1.10	Dangerous, Hazardous and Harmful Cargoes	2014
9	1.13	Elementary First Aid	2000
10	1.14	Medical First Aid	2000
11	1.15	Medical Care	2000
12	1.19	Personal Survival Techniques	2000
13	1.20	Fire Prevention and Fire Fighting	2000
14	1.21	Personal Safety and Social Responsibilities	2000
15	1.22	Ship Simulator and Bridge Teamwork**	2002
16	1.23	Proficiency in Survival Craft and Rescue Boats (other than Fast Rescue Boats)	2000
17	1.24	Proficiency in Fast Rescue Boats	2000
18	1.25	General Operator's Certificate for GMDSS	2014
19	1.26	Restricted Operator's Certificate for GMDSS	2014
20	1.27	Operational Use of Electronic Chart Display and Information Systems (ECDIS)	2012
21	1.28	Crowd Management, Passenger Safety and Safety Training for Personnel Providing Direct Services to Passengers in Passenger Spaces	2000
22	1.29	Proficiency in Crisis Management and Human Behaviour Training Including Passenger Safety, Cargo Safety and Hull Integrity Training	2000
23	1.30	On-board Assessment	2001
24	1.31	Second-Class Radioelectronic Certificate for GMDSS Radio Personnel	2002

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\*\* Under revision.

25	1.32	Operational Use of Integrated Bridge Systems Including Integrated Navigation Systems	2005
26	1.33	Safety of Fishing Operations (Support Level)	2005
27	1.34	Automatic Identification Systems (AIS)	2006
28	1.35	Liquefied Petroleum Gas (LPG) Tanker Cargo & Ballast Handling Simulator	2007
29	1.36	Liquefied Natural Gas (LNG) Tanker Cargo & Ballast Handling Simulator	2007
30	1.37	Chemical Tanker Cargo & Ballast Handling Simulator	2007
31	1.38	Marine Environmental Awareness	2011
32	1.39	Leadership and Teamwork	2013
33	2.03	Advanced Training in Fire Fighting	2000
34	2.06	Oil Tanker Cargo and Ballast Handling Simulator	2002
35	2.07	Engine-Room Simulator**	2002
36	3.03	Survey of Machinery Installations	2004
37	3.04	Survey of Electrical Installations	2004
38	3.05	Survey of Fire Appliances and Provisions	2004
39	3.06	Survey of Life-Saving Appliances and Arrangements	2004
40	3.07	Hull and Structural Surveys	2004
41	3.08	Survey of Navigational Aids and Equipment	2004
42	3.09	Port State Control	2001
43	3.11	Marine Accident and Incident Investigation	2014
44	3.12	Assessment, Examination and Certification of Seafarers	2000
45	3.13	SAR Administration (IAMSAR Manual Vol 1)	2014
46	3.14	SAR Mission Coordinator (IAMSAR Manual Vol 2) **	2003
47	3.15	SAR On Scene Coordinator (IAMSAR Manual Vol 3)	2014
48	3.17	Maritime English**	2009
49	3.18	Safe Packing of Cargo Transport Units (CTUs)	2001
50	3.19	Ship Security Officer	2012
51	3.20	Company Security Officer	2011
52	3.21	Port Facility Security Officer	2011
53	3.22	Flag State Implementation	2010
54	3.23	Actions to be taken to prevent acts of piracy and armed robbery	2011
55	3.24	Security Awareness Training for Port Facility Personnel with Designated Security Duties	2011

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\*\* Under revision.

56	3.25	Security Awareness Training for All Port Facility Personnel	2011
57	3.26	Security Training for Seafarers with Designated Security Duties	2012
58	3.27	Security Awareness Training for All Seafarers	2012
59	4.02	OPRC Level 1 – First Responder <sup>+</sup>	2006
60	4.03	OPRC Level 2 – Supervisor/On-Scene Commander <sup>+</sup>	2006
61	4.04	OPRC Level 3 – Administrators and Senior Managers <sup>+</sup>	2006
62	4.05	Energy Efficient Operation of Ships	2014
63	6.09	Training Course for Instructors	2001
64	6.10	Train the Simulator Trainer and Assessor	2012
65	7.01	Master and Chief Mate	2014
66	7.02	Chief Engineer Officer and Second Engineer Officer	2014
67	7.03	Officer in Charge of a Navigational Watch	2014
68	7.04	Officer in Charge of an Engineering Watch	2014
69	7.05	Skipper on a Fishing Vessel	2008
70	7.06	Officer in Charge of a Navigational Watch on a Fishing Vessel	2008
71	7.07	Chief Engineer Officer and Second Engineer Officer on a Fishing Vessel	2008
72	7.08	Electro-Technical Officer	2014

**Model courses revised/developed and being prepared for publication**

1	1.02	Advance training for Oil Tanker Cargo Operations <sup>1</sup>
2	1.03	Advance training for Chemical Tanker Cargo Operations <sup>1</sup>
3	1.05	Advance training for Liquefied Gas Tanker Cargo Operations <sup>1</sup>

**Model courses currently out of print pending revision**

1	1.22	Ship Simulator and Bridge Teamwork
2	2.07	Engine-Room Simulator
3	3.02	Survey of Small Craft
4	3.14	SAR Mission Coordinator (IAMSAR Manual Vol 2)
5	3.17	Maritime English

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<sup>+</sup> Available only as CD.

<sup>1</sup> Renamed to address the 2010 Manila Amendments to the STCW Convention and Code.

<b>Model courses translated into Spanish</b>			<b>Edition</b>
1	1.07	Radar Navigation, Radar Plotting and Use of ARPA – Radar Navigation at Operational Level*	1999
2	1.08	Radar, ARPA, Bridge Teamwork and Search and Rescue – Radar Navigation at Management Level*	1999
3	1.13	Elementary First Aid*	2000
4	1.14	Medical First Aid*	2000
5	1.19	Personal Survival Techniques*	2000
6	1.20	Fire Prevention and Basic Fire Fighting*	2000
7	1.21	Personal Safety and Social Responsibilities*	2000
8	1.22	Ship Simulator and Bridge Teamwork**	2002
9	1.23	Proficiency in Survival Craft and Rescue Boats (other than Fast Rescue Boats)*	2000
10	1.24	Proficiency in Fast Rescue Boats*	2000
11	1.28	Crowd Management, Passenger Safety and Safety Training for Personnel Providing Direct Services to Passengers in Passenger Spaces *	2000
12	1.29	Proficiency in Crisis Management and Human Behaviour Training Including Passenger Safety, Cargo Safety and Hull Integrity Training *	2000
13	1.30	On-board Assessment*	2001
14	1.32	Operational Use of Integrated Bridge Systems Including Integrated Navigation Systems*	2005
15	1.33	Safety of Fishing Operations (Support level)*	2005
16	1.34	Automatic Identification Systems (AIS)*	2006
17	1.35	Liquefied Petroleum Gas (LPG) Tanker Cargo & Ballast Handling Simulator*	2007
18	1.36	Liquefied Natural Gas (LNG) Tanker Cargo & Ballast Handling Simulator*	2007
19	1.37	Chemical Tanker Cargo & Ballast Handling Simulator*	2007
20	2.06	Oil Tanker Cargo and Ballast Handling Simulator*	2002
21	2.07	Engine-Room Simulator**	2002
22	3.03	Survey of Machinery Installations*	2004
23	3.05	Survey of Fire Appliances and Provisions*	2004
24	3.07	Hull and Structural Surveys*	2004
25	3.09	Port State Control*	2001
26	3.12	Assessment, Examination and Certification of Seafarers*	2000

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\* Published.

\*\* Under revision.

27	3.19	Ship Security Officer*	2012
28	3.20	Company Security Officer*	2011
29	3.21	Port Facility Security Officer*	2011
30	6.09	Training Course for Instructors*	2001
31	7.05	Skipper on a Fishing Vessel*	2008
32	7.06	Officer in Charge of a Navigational Watch on a Fishing Vessel*	2008
33	7.07	Chief Engineer Officer and Second Engineer on a Fishing Vessel*	2008

**Model courses translated into French**

Edition

1	1.07	Radar Navigation, Radar Plotting and Use of ARPA – Radar Navigation at Operational Level*	1999
2	1.08	Radar, ARPA, Bridge Teamwork and Search and Rescue – Radar Navigation at Management Level*	1999
3	1.13	Elementary First Aid*	2000
4	1.14	Medical First Aid*	2000
5	1.15	Medical Care*	2000
6	1.19	Personal Survival Techniques*	2000
7	1.20	Fire Prevention and Basic Fire Fighting*	2000
8	1.21	Personal Safety and Social Responsibilities*	2000
9	1.22	Ship Simulator and Bridge Teamwork**	2002
10	1.23	Proficiency in Survival Craft and Rescue Boats (other than Fast Rescue Boats)*	2000
11	1.24	Proficiency in Fast Rescue Boats*	2000
12	1.28	Crowd Management, Passenger Safety and Safety Training for Personnel Providing Direct Services to Passengers in Passenger Spaces*	2000
13	1.29	Proficiency in Crisis Management and Human Behaviour Training Including Passenger Safety, Cargo Safety and Hull Integrity Training*	2000
14	1.30	On-board Assessment*	2001
15	1.32	Operational Use of Integrated Bridge Systems Including Integrated Navigation Systems *	2005
16	1.33	Safety of Fishing Operations (Support Level)*	2005
17	1.34	Automatic Identification Systems (AIS)*	2006
18	1.35	Liquefied Petroleum Gas (LPG) Tanker Cargo & Ballast Handling Simulator*	2007
19	1.36	Liquefied Natural Gas (LNG) Tanker Cargo & Ballast Handling Simulator*	2007
20	1.37	Chemical Tanker Cargo & Ballast Handling Simulator*	2007

\* Published.

\*\* Under revision.

21	2.06	Oil Tanker Cargo and Ballast Handling Simulator*	2002
22	2.07	Engine-Room Simulator**	2002
23	3.03	Survey of Machinery Installations*	2004
24	3.04	Survey of Electrical Installations*	2004
25	3.05	Survey of Fire Appliances and Provisions*	2004
26	3.07	Hull and Structural Surveys*	2004
27	3.08	Survey of Navigational Aids and Equipment*	2004
28	3.09	Port State Control*	2001
29	6.09	Training Course for Instructors*	2001

**Model courses to be developed**

- 1 X.XX Able Seafarer (Deck)
- 2 X.XX Able Seafarer (Engine)
- 3 X.XX Able Seafarer (Electro-Technical)
- 4 X.XX Safe transport of solid bulk cargoes

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\* Published.