

STCW Convention Familiarisation with 2010 Manila amendments

Chapter II – Master and deck department

Lisbon, 1-3 April 2014

Training of Seafarers
Visits and Inspections
EMSA

Regulations II/1, II/2 & II/3

- **"appropriate certificate" replaced by "certificate of competency (CoC)"**
- **"year(s)" replaced by "months"** in relation to seagoing service
- **new** sub-paragraphs in Regulations II/1.2, II/3.4 and II/3.6:
"Every candidate for certification shall meet the standard of competence specified in:
 - *section A-VI/1, paragraph 2 (BT)*
 - *section A-VI/2, paragraphs 1 to 4 (SCR)*
 - *section A-VI/3, paragraphs 1 to 4 (AFF) and*
 - *section A-VI/4, paragraphs 1 to 3 (MFA) "*

Section A-II/1; Table A-II/1

FUNCTION - Navigation at the operational level

Competence	KUPs / Meth of demo.... comp. / Criteria for eval...
Plan and conduct a passage and determine position	<i>Celestial navigation and Terrestrial and coastal navigation</i> <ul style="list-style-type: none"> ... navigationa nautical charts/publications NOTE: ECDIS systems are considered to be included under the term "charts"
Competence	KUPs
Maintain a safe navigational watch	<i>Watchkeeping</i> <ul style="list-style-type: none"> The use of information from navigational equipment for maintaining a safe navigational watch Knowledge of blind pilotage techniques The use of reporting in accordance with the General Principles for Ship Reporting Systems and with VTS procedures
Maintain a safe navigational watch	<i>Bridge resource management</i> <ul style="list-style-type: none"> Knowledge of bridge resource management principles ...

Section A-II/1; Table A-II/1

FUNCTION - Navigation at the operational level

Competence

Use of ECDIS to maintain the safety of navigation (not required for those who serve exclusively on ships not fitted with - limitation in endorsement if not completed)

Respond to a distress signal at sea

Use the ~~Standard Marine Navigational Vocabulary as replaced by the IMO~~ Standard Marine Communication Phrases...

Transmit and receive information by visual signalling

KUPs

Navigation using ECDIS

- Knowledge of the capability and limitations of ECDIS operations, including: ...
- Proficiency in operation, interpretation, ...

- Knowledge of the contents of the ~~IMO Merchant Ship~~ **International Aeronautical and Maritime Search and Rescue (IAMSAR)** (~~MERSAR~~) Manual

- Adequate knowledge of the English language ... to communicate with ... **VTS centres**

- Ability to transmit and receive, by Morse Light, **distress signal SOS ... and single-letter signals** (methods for demonstrating competence: practical instruction **and/or simulation**)

Section A-II/1; Table A-II/1

FUNCTION - Controlling the operation of the ship and care for persons on board at the operational level

Competence

KUPs

Ensure compliance with pollution-prevention requirements

- Importance of proactive measures to protect the marine environment

Application of leadership and team-working skills

- Working knowledge of shipboard personnel management and training
- A knowledge of related international maritime conventions ...

Contribute to the safety of personnel and ship

- ...
- Knowledge of personal survival techniques
- Knowledge of fire prevention and fighting
- Knowledge of elementary first aid
- Knowledge of personal safety and social responsibilities

Section B-II/1

- ❖ *new paragraphs 19 & 20: **guidance on training in celestial navigation***



Section A-II/2; Table A-II/2

FUNCTION - Navigation at the management level

A number of references were amended/updated:

- ☐ *"navigational" **replaced by** "nautical" vis-à-vis publications*
- ☐ *"MERSAR" **replaced by** "IAMSAR"*
- ☐ *"Decca and Loran" **replaced by** "terrestrial electronic position-fixing systems"*
- ☐ *"information from ARPA and Radar" **replaced by** "information from navigation equipment"*

Section A-II/2; Table A-II/2

FUNCTION - Navigation at the management level

Competence

KUPs

Plan a voyage and conduct navigation

- Voyage planning taking into account **VTS areas**;
- Routeing in accordance with the General Principles **Provisions** on Ships' Routeing
- Reporting in accordance with the ~~Guidelines and Criteria~~ **General Principles** for Ship Reporting Systems and with **VTS procedures**;

Maintain safe navigation through the use of information from navigation equipment

- Blind pilotage techniques **planning**

Maintain the safety of navigation through the use of ECDIS and associated navigation systems to assist command decision making (not required for those who serve exclusively on ships not fitted with - limitation in endorsement if not completed)

- Management of operational procedures, system files and data, including ...
- Use of ECDIS playback functionality ...

Section A-II/2; Table A-II/2

FUNCTION – Cargo handling and stowage at the management level

- ❑ BC Code **replaced by the International Maritime Solid Bulk Cargoes (IMSBC) Code**

Section A-II/2; Table A-II/2

FUNCTION - Controlling the operation of the ship and care for persons on board at the management level

Competence

Organize and manage the crew

Use of leadership and managerial skill

KUPs

- Knowledge of shipboard personnel management and training
- A knowledge related to international maritime conventions and recommendations, and national legislation
- Ability to apply task and workload management
- Knowledge and ability to apply effective resource management
- Knowledge and ability to apply decision-making techniques
- Development, implementation, and oversight of standard operating procedures

Section A-II/3; Table A-II/3

FUNCTION - Navigation at the operational level

- ❑ *"navigational" replaced by "nautical" vis-à-vis charts and publications*
- ❑ *"MERSAR" replaced by "IAMSAR"*



Section A-II/3; Table A-II/3

FUNCTION - Navigation at the operational level

Competence

KUPs

Plan and conduct a coastal passage and determine position

- Reporting in accordance with **General Principles for Ship Reporting Systems and with VTS procedures** (only required for certification as master)
- Voyage planning and navigation for all conditions by acceptable methods of plotting coastal tracks (only required for certification as master)
- Thorough knowledge of and ability to use ECDIS (not required for those who serve exclusively on ships not fitted with - limitation in endorsement if not completed)

Maintain a safe navigational watch

- Use of reporting in accordance with the **General Principles for Ship Reporting Systems and with VTS**

Section A-II/3; Table A-II/3

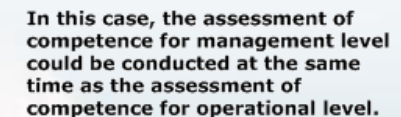
FUNCTION - Controlling the operation of the ship and care for persons on board at the operational level

Competence

Contribute to the safety of personnel and ship

KUPs

- Knowledge of personal survival techniques
- Knowledge of fire prevention and fighting
- Knowledge of elementary first aid
- Knowledge of personal safety and social responsibilities



Regulation II/4

- Paragraph **4** was **deleted** (*relates to previous transitional provisions*)



Regulation II/5

**able seafarer deck
(GT ≥ 500)**

18 years

prerequisite:

- **meet** the requirements for certification as **rating forming part of a navigational watch**

required ***while being qualified*** under **II/4**:

1. **18 months** seagoing service in the deck department,

or

12 months seagoing service in the deck department **and have completed approved training**

2. **meet the standards of competence**

Regulation II/5

➤ paragraphs 3 to 6 → *transitional provisions*

3 ... → *gap analysis;*

4 ... → until 1 January 2012, Parties **may continue to issue, recognize and endorse** certificates under the **ILO Certification of Able Seamen Convention 1946 No. 74** (if also a Party to it)

5 ... → until 1 January 2017, Parties **may continue to renew and revalidate** certificates and endorsements according to that **ILO Convention** (if they are also a Party to it)

6 ... → **may be considered as qualified** if served **12 months** in a **relevant capacity** in the **deck** department in the **preceding 60 months** of entry into force of this regulation for the Party

Section A-II/5

Function: Navigation at the support level

Competence

Contribute to a safe navigational watch

KUPs

- Ability to understand orders and to communicate with the OOW ...
- Procedures for the relief ... of a watch
- Information required to maintain a safe watch

(These are required for A-II/4 already !!)

Contribute to berthing, anchoring and other mooring operations

...

Section A-II/5

Function	Competences
Cargo handling and stowage at the support level	<ul style="list-style-type: none">○ Contribute to the handling of stores
Controlling the operation of the ship and care for persons on board at the support level	<ul style="list-style-type: none">○ Contribute to the safe operation of deck equipment and machinery○ Apply OHS precautions○ Apply precautions and contribute to prevention of pollution of the marine environment○ Operate survival craft and rescue boats (PSCRB)
Maintenance and repair at support level	<ul style="list-style-type: none">○ Contribute to shipboard maintenance and repair

Section B-II/5

- ❖ On-board training **recommended** to be documented in a **Training Record Book**



Questions ?