

# **STCW Convention Familiarisation with 2010 Manila amendments**

## **Chapter II – Master and deck department**

Lisbon, 13-15 Nov 2012

Training and Certification of Seafarers  
Safety Assessments 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 with 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*

- ❑ *"**navigational**" **changed** to "**nautical**" vis-à-vis charts and publications*
- ❑ ***updated** references to the IAMSAR Manual and IMO SMCP*

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

### *FUNCTION - Navigation at the operational level*

#### **Competence**

Maintain a safe navigational watch

#### **KUPs**

- 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
- **Bridge resource management**

**Use of ECDIS** to maintain the safety of navigation (not required for those who serve exclusively on ships not fitted with)

#### **!! limitation**

Use the IMO Standard Marine Communication Phrases...

- Ability to communicate with VTS centres

Transmit and receive information by visual signalling

- Ability to transmit and receive, by Morse Light, SOS and single-letter signals

## 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***

Ensure compliance with pollution-prevention requirements

Application of leadership and team-working skills

Contribute to the safety of personnel and ship (BT)

### ***KUPs***

- Importance of proactive measures to protect the marine environment

## Section B-II/1

❖ ***new paragraphs 19 & 20: Training in celestial navigation***



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

### **FUNCTION - Navigation at the management level**

- ❑ **"navigational"** **changed** to **"nautical"** *vis-à-vis publications*
- ❑ **updated** reference to the IAMSAR Manual
- ❑ **"Deca and Loran"** **changed** to **"terrestrial electronic position-fixing systems"**
- ❑ **"information from ARPA and Radar"** **changed** to **"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;
- Reporting in accordance with the General Principles for Ship Reporting Systems and with VTS procedures;

Maintain safe navigation through the use of information from navigation equipment

- Blind pilotage 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**



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

***FUNCTION – Cargo handling and stowage at the management level***

- ❑ **updated** reference to *International Maritime Solid Bulk Cargoes (IMBSC) 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***

**Use of leadership and managerial skills**

### ***KUPs***

- 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" **changed** to "nautical" vis-à-vis charts and publications*
- ❑ ***updated** references to the IAMSAR Manual and IMO SMCP*



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

### ***FUNCTION - Navigation at the operational level***

#### ***Competence***

Plan and conduct a coastal passage and determine position

Maintain a safe navigational watch

#### ***KUPs***

- 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*)
- 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***

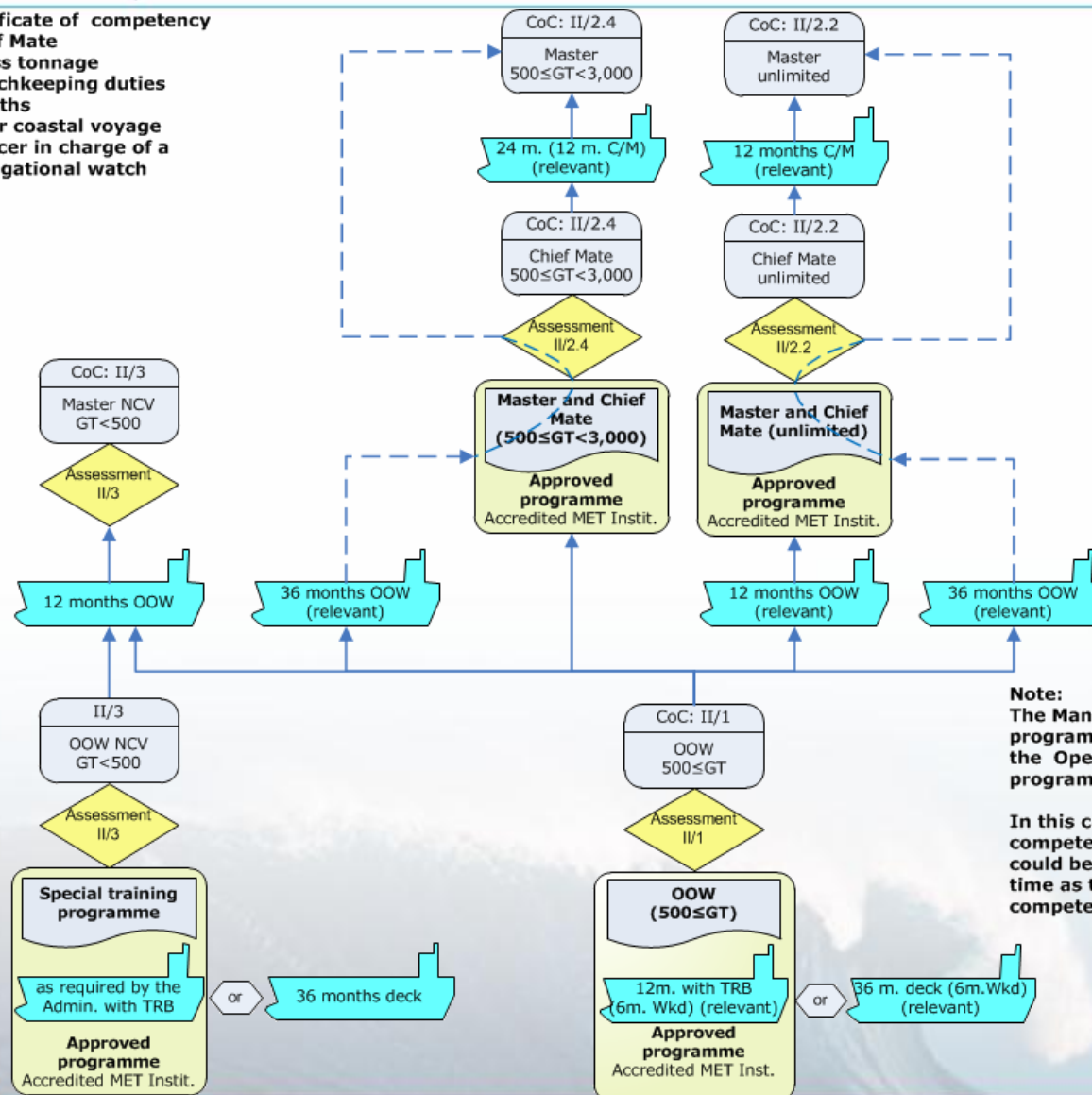
***Competence***

Contribute to the safety of personnel and ship (BT)

***KUPs***



CoC - Certificate of competency  
 C/M - Chief Mate  
 GT - Gross tonnage  
 Wkd - Watchkeeping duties  
 m. - months  
 NCV - Near coastal voyage  
 OOW - Officer in charge of a navigational watch



**Note:**  
 The Management level educational programme could be merged with the Operational level educational programme.

In this case, the assessment of competence for management level could be conducted at the same time as the assessment of competence for operational level.

## Regulation II/4

- paragraph **4 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 **after** being qualified **II/4**:*

1. **18 months** seagoing service in the deck department,  
*or*  
**12 months** seagoing service in the deck department & **completed approved training**
2. **meet the standards of competence**

## Regulation II/5

➤ paragraphs **3, 4, 5 and 6** → **transitional provisions**

**3 ...** → **gap analysis;**

**4 ...** → **until 1 January 2012 continue to issue under the ILO Convention** (to be also Party to ILO 74/46)

**5 ...** → **until 1 January 2017 .. may continue to renew and revalidate under the ILO Convention** (to be also Party to ILO 74/46)

**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

### ***FUNCTIONS:***

- ***Navigation at the support level***
- ***Cargo handling and stowage at the support level***
- ***Controlling the operation of the ship and care for persons on board at the support level***



## Section B-II/5

- ❖ The on-board training **recommended** to be documented in a **TRB**



# Questions ?