



MARITIME INDUSTRY AUTHORITY

STCW Advisory No. 2016 – 20

TO : ALL SEAFARERS, SHIPOWNERS, MANNING AGENCIES,
MARITIME TRAINING INSTITUTIONS, PRACTICAL ASSESSMENT
CENTERS, OTHER ENTITIES AND INDIVIDUALS CONCERNED

SUBJECT : **ADVISORY ON THE CONDUCT OF EXAMINATION AND
ASSESSMENT FOR AB DECK, AB ENGINE, DECK WATCHKEEPING
AND ENGINE WATCHKEEPING UNDER THE RELEVANT
PROVISIONS OF STCW CIRCULAR NO. 2016-07, 2016-08, 2016-05,
AND 2016-06**

Notice is hereby given that pursuant to PD 474, Republic Act No. 10635 and its Implementing Rules and Regulations (IRR), the Standards of Training, Certification and Watchkeeping (STCW) Convention, as amended in 2010, this Advisory hereby clarifies specific requirements in the conduct of examination and practical assessment for AB Deck, AB Engine, Deck Watchkeeping and Engine Watchkeeping.

1. STCW Circular No. 2016-07 on Mandatory Minimum Requirements for Examination, Assessment and Certification of Ratings as Able Seafarer Deck, STCW Circular No. 2016-08 on Mandatory Minimum Requirements for Examination, Assessment and Certification of Ratings as Able Seafarer Engine, STCW Circular No. 2016-05 on Mandatory Minimum Requirements for Examination, Assessment and Certification of Ratings Forming part of a Navigational Watch and STCW Circular No. 2016-06 on Mandatory Minimum Requirements For Examination, Assessment and Certification of Ratings Forming Part of A Watch in a Manned Engine-Room require an oral examination to be conducted by the Administration for the issuance of certificates of proficiency;
2. This advisory explains the STCW Advisory No. 2016-14 and 12 and the provisions of STCW Circular No. 2016-05 and 2016-06 covering the conduct of examination and assessment for seafarers to qualify for the issue of certificate of proficiency;
3. Considering the present number of seafarers requiring certification under Regulation II/4, II/5, III/4 and III/5 and the full implementation of the STCW Convention, as amended in 2010, this Administration sees the urgent need to delegate its authority to conduct Examination and Assessment to recognized Assessment Centers for AB Deck, AB Engine, Deck Watchkeeping and Engine Watchkeeping.

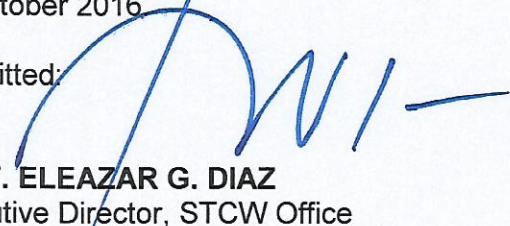


This Authority hereby clarifies that:

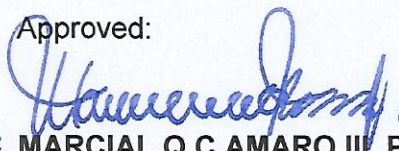
1. All seafarers covered by Regulation II/5 with 12 months but not less than 6 months seagoing service, an assessment of evidence obtained through in service experience shall be considered provided that a certification of attestation signed by the masters or shipping company as documentary evidence is presented.
2. All seafarers covered by Regulation II/5 and III/5 with six (6) months but not less than two (2) months of seagoing service are required to undergo practical assessment to qualify for the issuance of certificates.
3. For consistency, the recognized assessment center shall comply with the applicable provisions of STCW Circular no. 2016-07, 2016-08 and STCW Circular No. 2016-05, 2016-06, 2015-10 respectively.
4. The oral examination and practical assessment procedure shall conform to Annex I of this Advisory.
5. The provisions of this Advisory shall apply to all seafarers with approved seagoing service obtained before January 1, 2017.
6. Any concerns on the implementation of oral examination and practical assessment, examinees can email directly to pid_stcw@marina.gov.ph

27 October 2016

Submitted:

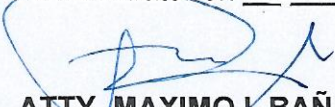

CAPT. ELEAZAR G. DIAZ
Executive Director, STCW Office

Approved:


For: **MARCIAL Q.C. AMARO III, PhD**
Administrator

CERTIFICATION

This is to certify that STCW Advisory No 2016-20 was approved by the Administrator on 27 October 2016.


P. **ATTY. MAXIMO I. BAÑARES, JR**
OIC-Deputy Executive Director

Annex I

GUIDANCE IN THE CONDUCT OF ORAL EXAMINATION AND PRACTICAL ASSESSMENT FOR AB SEAFARER DECK, AB SEAFARER ENGINE, DECK WATCHKEEPING AND ENGINE WATCHKEEPING.

1. The Accredited Assessment Center shall formulate a standard set of Oral Examination Questionnaire to be approved by MARINA.
2. The formulation of oral examination shall conform to the table A-II/4, table A-III/4, table A-II/5 and table A-III/5 of STCW Code, respectively as reference to the below tables.
3. An examinee who fails the oral examination shall be allowed to take two resits. Failure to pass the 2nd resit, the examinee shall be required to undergo practical assessment.
4. An examinee who fails the practical assessment shall only be allowed to take two resits.
5. Should an examinee fail on both oral examination and practical assessment under paragraphs 3 and 4, an approved education and training shall be required before undergoing resits on the oral examination for eventual certification.
6. There shall be three (3) members of panel of oral assessors. The composition is as follows:
 - .1 AB Deck
 - .1 Three (3) Operational Level with COC and two years of seagoing service.
 - Or
 - .2 Two (2) Operational Level with COC; and One (1) Managerial Level with COC and one year seagoing service.
 - .2 AB Engine
 - .1 Three (3) Operational Level with COC and two years of seagoing service.
 - Or
 - .2 Two (2) Operational Level with COC; and One (1) Managerial Level with COC and one year seagoing service.
7. Assessment Centers are not allowed to conduct assessment on their own trainees.
8. Assessment Centers conducting simulator shall provide free familiarization and shall use only a licensed simulator.

9. Table A-II/4 for Practical Assessment:

Competence	Knowledge, Understanding and Proficiency	Methods for demonstrating competence	Criteria for evaluating competence
Operate emergency equipment and apply emergency procedures	<p>Knowledge of emergency duties and alarm signals</p> <p>Knowledge of pyrotechnic distress signals; satellite EPIRBs and SARTs</p> <p>Avoidance of false distress alerts and action to be taken in event of accidental activation</p>	Assessment of evidence obtained from demonstration and approved in-service experience or approved training ship experience	<p>Initial action on becoming aware of an emergency or abnormal situation is in conformity with established practices and procedures</p> <p>Communications are clear and concise at all times and orders are acknowledged in a seamanlike manner</p> <p>The integrity of emergency and distress alerting systems is maintained at all times</p>

10. Table A-III/4 for Practical Assessment:

Competence	Knowledge, Understanding and Proficiency	Methods for demonstrating competence	Criteria for evaluating competence
Operate emergency equipment and apply emergency procedures	<p>Knowledge of emergency duties</p> <p>Escape routes from machinery spaces</p> <p>Familiarity with the location and use of fire-fighting equipment in the machinery spaces</p>	Assessment of evidence obtained from demonstration and approved in-service experience or approved training ship experience	<p>Initial action on becoming aware of an emergency or abnormal situation conforms with established procedures</p> <p>Communications are clear and concise at all times and orders are acknowledged in a seamanlike manner</p>

11. Table A-II/5 for Practical Assessment:

Competence	Knowledge, Understanding and Proficiency	Methods for demonstrating competence	Criteria for evaluating competence
Contribute to the safe operation of deck equipment and machinery	<p>Knowledge of deck equipment, including:</p> <p>.1 function and uses of valves and pumps, hoists, cranes, booms, and related equipment</p> <p>.2 function and uses of winches, windlasses, capstans and related equipment</p>	<p>Assessment of evidence obtained from one or more of the following:</p> <p>.1 approved in-service experience</p> <p>.2 practical training</p> <p>.3 examination</p>	Operations are carried out in accordance with established safety practices and equipment operating instructions

	<p>.3 hatches, watertight doors, ports, and related equipment</p> <p>.4 fibre and wire ropes, cables and chains, including their construction, use, markings, maintenance and proper stowage</p> <p>.5 ability to use and understand basic signals for the operation of equipment, including winches, windlasses, cranes, and hoists</p> <p>.6 ability to operate anchoring equipment under various conditions, such as anchoring, weighing anchor, securing for sea, and in emergencies</p> <p>Knowledge of the following procedures and ability to:</p> <p>.1 rig and unrig bosun's chairs and staging</p> <p>.2 rig and unrig pilot ladders, hoists, rat-guards and gangways</p> <p>Assessment</p> <p>.3 use marlin spike seamanship skills, including the proper use of knots, splices and stoppers</p> <p>Use and handling of deck and cargo-handling gear and equipment:</p> <p>.1 access arrangements, hatches and hatch covers, ramps, side/bow/stern doors or elevators</p> <p>.2 pipeline systems – bilge and ballast suctions and wells</p> <p>.3 cranes, derricks, winches</p> <p>Knowledge of hoisting and dipping flags and the main single flag signals. (A, B, G, H, O, P, Q)</p>	<p>.4 approved training ship experience</p> <p>Assessment of evidence obtained from practical demonstration</p> <p>Assessment of evidence obtained from practical demonstration</p> <p>Assessment of evidence obtained from practical demonstration</p>	<p>Communications within the operator's area of responsibility are consistently successful</p> <p>Equipment operation is safely carried out in accordance with established procedures</p> <p>Demonstrate the proper methods for rigging and unrigging in accordance with safe industry practice</p> <p>Demonstrate the proper creation and use of knots, splices, stoppers, whippings, servings as well as proper canvas handling</p> <p>Demonstrate the proper use of blocks and tackle</p> <p>Demonstrate the proper methods for handling lines, wires, cables and chains</p>
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12. Table A-III/5 Practical Assessment:

Competence	Knowledge, Understanding and Proficiency	Methods for demonstrating competence	Criteria for evaluating competence
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Contribute to fueling and oil transfer operations	<p>Knowledge of the function and operation of fuel system and oil transfer operations, including:</p> <p>.1 preparations for fueling and transfer operations</p> <p>.2 procedures for connecting and disconnecting fueling and transfer hoses</p> <p>procedures relating to incidents that may arise during fueling or transferring operation</p> <p>.4 securing from fueling and transfer operations</p> <p>.5 ability to correctly measure and report tank levels</p>	<p>Assessment of evidence obtained from one or more of the following:</p> <p>.1 approved in-service experience</p> <p>.2 practical training</p> <p>.3 examination</p> <p>.4 approved training ship experience</p> <p>Assessment of evidence obtained from practical demonstration</p>	<p>Transfer operations are carried out in accordance with established safety practices and equipment operating instructions</p> <p>The handling of dangerous, hazardous and harmful liquids complies with established safety practices</p> <p>Communications within the operator's area of responsibility are consistently successful</p>
Contribute to bilge and ballast operations	<p>Knowledge of the safe function, operation and maintenance of the bilge and ballast systems, including:</p> <p>.1 reporting incidents associated with transfer operations</p> <p>.2 ability to correctly measure and report tank levels</p>	<p>Assessment of evidence obtained from one or more of the following:</p> <p>.1 approved in-service experience</p> <p>.2 practical training</p> <p>.3 examination</p> <p>.4 approved training ship experience</p> <p>Assessment of evidence obtained from practical demonstration</p>	<p>Operations and maintenance are carried out in accordance with established safety practices and equipment operating instructions and pollution of the marine environment is avoided</p> <p>Communications within the operator's area of responsibility are consistently successful</p>
Contribute to the operation of equipment and machinery	<p>Safe operation of equipment, including:</p> <p>.1 valves and pumps</p> <p>.2 hoists and lifting equipment</p> <p>.3 hatches, watertight doors, ports and related equipment</p> <p>Ability to use and understand basic crane, winch and hoist signals</p>	<p>Assessment of evidence obtained from one or more of the following:</p> <p>.1 approved in-service experience</p> <p>.2 practical training</p> <p>.3 examination</p> <p>.4 approved training ship experience</p> <p>Assessment of evidence obtained from practical demonstration</p>	<p>Operations are carried out in accordance with established safety practices and equipment operating instructions</p> <p>Communications within the operator's area of responsibility are consistently successful</p>
Contribute to shipboard maintenance and repair	<p>Ability to use painting, lubrication and cleaning materials and equipment</p> <p>Ability to understand and execute routine maintenance and repair procedures</p> <p>Knowledge of surface preparation techniques</p>	<p>Assessment of evidence obtained from practical demonstration</p> <p>Assessment of evidence obtained from one or more of the following:</p> <p>.1 approved in-service</p>	<p>Maintenance activities are carried out in accordance with technical, safety and procedural specifications</p> <p>Selection and use of equipment and tools is</p>

	<p>Knowledge of safe disposal of waste materials</p> <p>Understanding manufacturer's safety guidelines and shipboard instructions</p> <p>Knowledge of the application, maintenance and use of hand and power tools and measuring instruments and machine tools</p> <p>Knowledge of metalwork</p>	<p>experience</p> <p>.2 practical training</p> <p>.3 examination</p> <p>.4 approved training ship experience</p>	<p>appropriate</p>
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