GOVERNMENT OF PAKISTAN
MINISTRY OF MARITIME AFFAIRS
DIRECTORATE GENERAL, PORTS & SHIPPING
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ELIGIBILITY CRITERIA AND SYLLABUS FOR RATING FORMING PART OF NAVIGATIONAL WATCH UNDER THE PROVISION OF REGULATION II/4 AND REGULATION II/5.

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Notice to all ship owners, Masters, Officers, Ratings, and those concerned with maritime training.

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Summary

This Notice sets out and explains the regulatory requirements regarding the implementation of training elements applicable under Chapter II of the STCW Convention and Code. It details the training and certification requirements for seafarers working on ships and wants to appear in STCW Examinations and this circular supersedes all other circulars issued, previously, in this connection.

1. Certification of Ratings Forming Part of a Navigational Watch

Every rating forming part of a navigational watch on a seagoing ship of 500 gross tonnage or more, other than ratings under training and ratings whose duties while on a watch are of an unskilled nature, shall be duly certificated to perform such duties.

1.1 The eligibility criteria for certification of ratings forming part of a navigational watch under the provision of STCW Regulation II/4 shall be as follow;

1.2 Every seafarer for certification shall:

.1 be not less than 18 years of age;

.2 have completed approved seagoing service of at least 12 months onboard vessels of 500 gross tonnage or more, during the last five years (in any deck capacity); including not less than six months of approved seagoing service associated with bridge-watch as a trainee rating forming navigation watch; and

in case of deck cadet, shall have completed approved seagoing service of at least three months onboard vessels of 500 gross tonnage or more, during the last five years;

.3 at least 20 hours steering certificate;

.4 have valid Medical Fitness certificate along with eyesight and hearing from Mercantile Marine Department;

.5 have Personal Safety and Social Responsibility Certificate;

.6 have Personal Survival Techniques Certificate;

.7 have Fire Prevention and Fire Fighting Certificate; and

.8 have Elementary First Aid Certificate

1.3 candidates will be granted 2 months remission in approved seagoing service provided he holds a GP-III certificate issued by the Approved Institutes in public or private.

1.4 candidates who comply with the eligibility requirements stipulated in para 1.2 will be assessed through the oral examination under provisions of the syllabus set in Annex I and section A-II/4 of the STCW Code 1978, as amended from time to time.

2. Certification of Ratings As Able Seafarer Deck

Every able seafarer deck serving on a seagoing ship of 500 gross tonnage or more shall be duly certificated

2.1 The eligibility criteria for certification of ratings forming part of a navigational watch under the provision of STCW Regulation II/5 shall be as follow;

2.2 Every candidate for certification shall:

.1 be not less than 18 years of age;

.2 have a Certificate of a Rating Forming Part of a Navigational Watch;

.3 have approved seagoing service of not less than 18 months in the deck department while holding a Certificate of Rating Forming Part of a Navigational Watch; and

.4 have completed approved training of Efficient Deck Hand from Approved Institutes in public or private.

.5 have a certificate of proficiency in Survival Crafts and Rescue Boats other than Fast Rescue Boats.

2.3 deck cadets will be exempted from the requirements of Certificate of Rating Forming Part of a Navigational Watch as required in para 2.2 or 2.2.3.

2.3 candidates who comply with the eligibility requirements stipulated in para 2.2 will be assessed through the oral examination under provisions of the syllabus set in Annex II and section A-II/5 of the STCW Code 1978, as amended from time to time.

3. Revalidation of Certificates of Proficiency under the provision of Regulation II/4 & II/5 of STCW Convention

Under Regulation I/11 of STCW Convention 1978, as amended, the revalidations of above certificates are not required, however certificates issued prior the year 2006 shall be considered cancelled after the full implementation of STCW convention 1995 amendments. The candidates in possession of certificates issued prior January 2006 shall be re examined and issue new certificate of proficiency.

3.2 The candidates willing to get new certificate five years after the issuance date of the above Certificates of Proficiency, may be issued new certificate with date of re issuance provided candidate has completed 12 months approved sea service on ships of 500 GT or more. If candidate is not having this service he shall be re examined as a new examination.

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ANNEX – I

SYLLABUS FOR CERTIFICATION OF RATING FORMING PART OF A NAVIGATIONAL WATCH

1. Following four Competencies Required to be ascertained;

   .1 Steer the ship and also comply with the helm orders in the English Language;

   .2 Keep a proper look-out by sight and hearing;

   .3 Contribute to monitoring and controlling a safe watch; and

   .4 Operate emergency equipment and apply emergency procedures

2. Competencies may be ascertained by asking questions on the following topics.

   .1 Steering orders, change over procedure from auto to manual or vice versa, watch handing over / taking over procedure, types of compasses, duties of look out, target reporting procedure;

   .2 Identification of various types of ships during day and night;

   .3 Alphabetical flags color, shapes, and meanings;

   .4 Manoverboard action when on bridge watch;

   .5 Types and uses of various pyrotechnics;

   .6 Use of EPIRB & SART;

   .7 Types and uses of all fire extinguishers;

   .8 Duties of watchkeeper in port, at anchorage, and during bunker operation; and

   .9 Types of drills carried out on board.

ANNEX – II

SYLLABUS FOR CERTIFICATION OF RATING AS ABLE SEAFARER DECK

1. Following eight Competencies required to be ascertained;

   .1 Contribute to a safe navigational watch

   .2 Contribute to berthing, anchoring, and other mooring operations

   .3 Contribute to the handling of cargo and stores

   .4 Contribute to the safe operation of deck equipment and machinery

   .5 Apply occupational health and safety precautions

   .6 Apply precautions and contribute to the prevention of pollution of the marine environment

   .7 Operate survival craft and rescue boats

   .8 Contribute to shipboard maintenance and repair

2. Competencies may be ascertained by asking questions on the following topics.

   .1 meaning of common nautical terms.

   .2 The names and functions of various parts and equipment of a ship, for example, deck, bridge, hold; tank; peaks; D.B. tanks; ballast tanks, bilges, air pipe, strum boxes, anchors; windlass; winches and derricks;

   .3 Ability to steer a ship on a given course, on transit or on instructions from the master or pilot,

   .4 Ability to maintain an efficient look-out;

   .5 Marking of the anchor cable.

.6 Understanding helm orders, use of magnetic and gyro-compasses.

.7 The use of lifesaving and fire fighting appliances.

.8 Use and care of ropes and wires;

.9 Splicing of ropes;

.10 Knots, hitches, and bends in common use;

i)	Reef knot;	ii)	Bowline and bowline on the bight;
iii)	Timber hitch;	iv)	sheet bend, double and single;
v)	Clove hitch;	vi)	sheepshank;
vii)	Rolling hitch	viii)	round turn and two half hitches;
ix)	Wall and crown	x)	Marlinspike hitch;

.11 To whip a rope's end and seizing on rope and wire.

.12 To put a stopper on a rope or wire hawser, and derrick lift.

.13 Slinging and over side stage, rigging a bosun's chair, pilot ladder, and hoist;

.14 Use of different types of blocks and shackles, bottle screws, bulldog grips, thimbles, monkey plates;

.15 Precautions to be taken while working overside or at a height and while entering a void space;

.16 Identification of commonly-used signal letter flags;

.17 Opening and closing of hatches, rigging up derrick, general precautions to be taken before and during the operation of a winch whether used working cargo for warping.

.18 The use and operation of a windlass in anchor work or warping, Safe handling of mooring winch self-tensioning winches. Precautions to be taken in securing the anchors for sea, back spring, slip wire, rope stoppers, and chain stopper;

.19 General maintenance with particular reference to wires, blocks, and shackles of cargo gear;

.20 The safe handling of mechanical hatch covers;

.21 Change over from automatic pilot to hand steering and vice versa.

.22 Shipboard terms and definitions.

.23 Use of appropriate internal communication and alarm systems.

.24 Basic environmental protection procedures.

.25 Knowledge of emergency duties and alarm signals.

.26 Knowledge of pyrotechnic distress signals, satellite EPIRBs, and SARTs.

.27 Avoidance of false distress alerts and action to be taken in event of accidental activation.

.28 Securing in anticipation of rough sea.

.29 Knowledge of hoisting and dipping flags and the main single-flag signals (A,B,G,H,O,P,Q)

.30 Knowledge and procedure for safe handling, stowage, and securing of dangerous and harmful substances and liquids. (Identification of IMDG labeling)

.31 Occupational health and safety precautions like;

i) permit to work system
ii) electrical and mechanical safety
iii) chemical and biohazard safety
iv) lifting techniques and method of preventing back injury

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