

Rule 26 : Officer in charge of a navigational watch (Navigational Watch-keeping Officer) on ships of between 500 and 6000 gross tonnage, operating in near coastal voyages. (NWKO NCV)

1. The approved Training, Examination, and Assessment Programme (TEAP) for a candidate to qualify for certification as an Officer in charge of a navigational watch on ships of between 500 and 6000 gross tonnage operating in near coastal voyages (Navigational Watch-keeping Officer), as required by Rule 26 (2) (e) and (f) of Chapter II of M.S. (STCW) Rules 2014, comprises approved pre-sea education and training, sea-going service, and post-sea education and training, followed by examination and assessment.
2. Pre-sea education and training is specified for two different streams of entry. The entry streams and their eligibility criteria are described in paras 2.1 and 2.2 below. Existing Deck Cadets and Seafarers may be eligible for NWKO (NCV) certification as per the provisions described in paras 2.3 and 2.4 below :

2.1 Approved 12-month Pre-sea Course for Deck Cadets, and approved 3-year or 4-year degree Courses for Deck Cadets :

- a) Passed 12th Standard (10+2) Board Exams with Physics, Chemistry and Mathematics
- b) Obtained a minimum of 50% marks in English as a subject in 10th or 12th Standard Board exams.
- c) Age not exceeding 25 years at the commencement of the Course.
- d) Medical fitness as per the standards prescribed for pre-sea level.

For details of these Courses please refer to Appendices II/1A, 1B, 1C

2.2 Approved 6-month Pre-sea Course for Deck/GP Ratings :

- f) Passed Matriculation (10th Standard) Board exams, and obtained a minimum of 50% Marks in English as a subject.
- g) Age above 18 years at the commencement of the Course.
- h) Medical fitness as per the standards prescribed for pre-sea level.

For details of this Course please refer to Appendix II/14

2.3 **Existing Deck Cadets** who have satisfactorily completed an approved 3-month or 6-month Pre-sea Course for Deck Cadets (no longer being conducted)

2.4 **Existing Seafarers** who have not done any approved pre-sea training, but have Passed Matriculation (10th Standard) Board exams, and obtained a minimum of 50% Marks in English as a subject, and served in the deck department.

3. In addition to the above Pre-sea Training, candidates are required to attend approved Courses in Safety, Pollution Prevention, and Security, and obtain the relevant Certificates of Proficiency as prescribed in Chapter VI of M.S. (STCW) Rules 2014, as per Table II/7-1 below:

Table II/7-1

Chapter VI Rule No.	STCW Reference	Name of Course Certificate of Proficiency	Course Details
57	A-VI/1-1	Personal Survival Techniques (PST)	Appendix VI/1A
57	A-VI/1-2	Fire Prevention and Fire Fighting (FP&FF)	Appendix VI/1B
57	A-VI/1-3	Elementary First Aid (EFA)	Appendix VI/1C
57	A-VI/1-4	Personal Safety and Social Responsibilities (PS&SR)	Appendix VI/1D
65	A-VI/6-2	Security Training for Seafarers with Designated Security Duties (STSDSD)	Appendix VI/5A

4. Depending on the stream of entry, the approved seagoing service required by Rule 26 (2) (b) of Chapter II of M.S. (STCW) Rules 2014 is given below :

4.1 For a candidate who has successfully completed an approved 1-year Pre-sea Course for Deck Cadets, or a 3-year or 4-year approved degree Course for Deck Cadets and, during the performance of the sea-going service, successfully completes an approved Structured Shipboard Training Programme (SSTP), documented in an approved Training Record Book (TRB), :- **12 months as Deck Cadet.**

4.2 For a candidate who has successfully completed an approved 3/6-month Pre-sea Course for Deck cadets or Deck/GP Ratings, and successfully completes, during the performance of the sea-going service, an approved Structured Shipboard Training

Programme (SSTP) for NCV Cadets, documented in an approved Training Record Book (TRB), (Ref Para 5 of this Section): **18 months as NCV Deck Cadet.**

4.3 For a candidate who has successfully completed an approved 3/6-month Pre-sea Course for Deck/GP Ratings : **36 months as Deck/GP Rating.**

4.4 For a candidate who has served as a Rating in the Deck department, but has not undergone any approved pre-sea training: **36 months as Deck Rating, after obtaining the Rating Watch-keeping certificate.** Service in any other category such as Radio Officer, will be counted at 2/3rd rate upto a maximum of 30 months of qualifying sea-going service.

4.5 Provided that if during the performance of the sea-going service, the candidate does not successfully complete an approved Structured Shipboard Training Programme (SSTP), documented in an approved Training Record Book (TRB) as required, the minimum approved sea-going service required would be **36 months** in all cases.

4.6 Provided that in all above cases, the Bridge watch-keeping duties as required by Rule 26 (2) (c) of Chapter II of M.S. (STCW) Rules 2014 are performed such that the candidate is on Bridge watch for a period of not less than eight hours out of every twenty-four hours whilst at sea, under the supervision of a qualified Navigating Officer. The watch-keeping duties are to be documented in the candidate's Training Record Book (TRB).

For details of 'approved' sea-going service, please refer to Section II/18 of this chapter.

5. An authenticated copy of the approved Training Record Book (TRB) required by Rule 26 (2) (b) of Chapter II of M.S. (STCW) Rules 2014 is to be procured from Recognized Organizations / Training Institutes / SSTP providers as approved by the administration. The format of the approved Training Record Book for NCV Deck Cadets can be found in **Appendix II/7A.**

6. Post-sea education and training for all streams of entry, except for 3 or 4 year B.Sc. NS/NT degree cadets, comprises the approved 4-month NWKO NCV Competency Course. For details of this Course please refer to **Appendix II/7B**

In addition to the above Post-sea Courses, candidates are required to attend approved Courses in Safety, Pollution Prevention, and Security, and obtain the relevant Certificates of Proficiency as prescribed in Chapters II and VI of M.S. (STCW) Rules 2014, as described in Table II/7-2 below :

Table II/7-2

Chapter / Rule No.	STCW Reference	Name of Course Certificate of Proficiency	Course Details
Chap II Rule 20 (e)	A-II/1	Radar Observer Simulator Course (ROSC)	Appendix II/1H
Chap II Rule 20 (e)	A-II/1	Automatic Radar Plotting Aids (ARPA)	Appendix II/1J
Chap II Rule 20 (e)	A-II/1 A-II/2	Electronic Chart Display and Information System (ECDIS)	Appendix II/1K
Chap II Rule 20 (d) Chap IV Rule 51	A-VI/2	Global Maritime Distress and Safety System (GMDSS)	Appendix IV/1
Chap VI Rule 58	A-VI/2-1	Proficiency in Survival Craft, Rescue Boats, <u>other than</u> fast rescue boats (PSC-RB)	Appendix VI/2
Chap VI Rule 60	A-VI-3	Advanced Fire Fighting (AFF)	Appendix VI/3
Chap VI Rule 61	A-VI/4-1	Medical First Aid (MFA)	Appendix VI/4
Chap VI Rule 65 Chap VI Rule 66	A-VI/6-2 A-VI-5	Security Training for Seafarers with Designated Security Duties (STSDSD) OR, Ship Security Officer (SSO) (Accepted as an alternative to STSDSD Course, if not done earlier)	Appendix VI/5A Appendix VI/5C

7. Examination and assessment for the award of a Certificate of Competency as Officer In Charge of a Navigational Watch on ships of between 500 and 6000 gross tonnage (NWKO-NCV) will be conducted as follows :

7.1 Scrutiny by assessment centre for satisfactory completion of the following :

- e) Approved pre-sea education and training, as applicable.
- f) Approved sea-going service, including Bridge watch-keeping duties.
- g) Approved Structured Shipboard Training Programme (SSTP) and Cadet Training Record Book (TRB), as applicable.

7.2 Satisfactory completion of Function: “Navigation at the Operational Level” as per NWKO (NCV) tables of competence contained in **Appendix II/7B**. This will include an approved Competency course followed by written, oral and visual signalling examination and assessment.

7.3 Satisfactory completion of Function: “Cargo Handling and Stowage at the Operational Level” as per NWKO (NCV) tables of competence contained in **Appendix II/7B**. This will include an approved Competency course followed by written and oral examination and assessment.

7.4 Satisfactory completion of Function: “Controlling the Operation of the Ship and Care for Persons on Board at the Operational Level” as per NWKO (NCV) tables of competence contained in **Appendix II/7B**. This will include an approved Competency course followed by written and oral examination and assessment.

7.5 Satisfactory completion of the following Proficiency Courses (to be done as per the eligibility criteria specified for each Course) :

- (a) Radar Observer Simulator Course, as set out in Table A-II/1 of the STCW Code
- (b) ARPA Course, as set out in Table A-II/1 of the STCW Code ;
- (c) GMDSS Operator’s Course, as set out in section A-IV/2 of the STCW Code
- (d) ECDIS Training Course, as set out in table A-II/1 and table A-II/2 of the STCW Code
- (e) Proficiency in Survival Craft and Rescue Boats Course, as set out in section A-VI/2, paragraphs 1 to 4 of the STCW Code
- (f) Advanced Fire-fighting Course, as set out in section A-VI/3 of the STCW Code

- (g) Medical First Aid Course, as set out in section A-VI/4, paragraphs 1 to 3 of the STCW Code, and
 - (h) Security Training for Persons with Designated Security Duties (STSDSD) Course, as set out in section A-VI/6 and Table A-VI/6-2 of the STCW Code. Alternatively, Ship Security Officer Course, as set out in Section Table A-VI/5 of the STCW Code is accepted, if STSDSD Course has not been done earlier.
8. All training and assessment successfully completed by any candidate must comply with the requirements of Regulation I/6 of STCW 2010, (Training and Assessment), along with sections A-I/6 and B-I/6 of the STCW Code, as well as Regulation I/8 of STCW 2010, (Quality Standards), along with sections A-I/8 and B-I/8 of the STCW Code.
9. A summary of the various streams of Pre-sea maritime education and training, Sea-going service and on-board training, Post-sea maritime education and training, Examination, Assessment and Certification is given in Flow Diagram No. II/7-1 below :

Flow Diagram No. II/7-1

Officer in charge of a navigational watch on ships of between 500 and 6000 gross tonnage, operating in near coastal voyages
(NWKO - NCV)

STREAM	DECK CADET	NCV DECK CADET	DECK RATING
ENTRY CRITERIA			
Educational Qualification	12 th Standard (10+2) with PCM	Matriculation (10th Std.) with minimum 50% marks in English	Matriculation (10th Std.) with minimum 50% marks in English
Age (years)	Upto 25 years	Upto 25 years	18 years or above
Medical Fitness	As per Pre-sea standards	As per Pre-sea standards	As per Pre-sea standards.
Pre-sea Education and Training	Approved 1-year, 3-year, or 4-year Pre-Sea Deck Cadet Course A-VI/1-1 : PST, A-VI/1-2 : BFF, A-VI/1-3 : EFA, A-VI/1-4 : PS & SR A-VI/6-2 : STSDSD	Approved 3 or 6-month Deck Cadet or Deck/GP Rating Course A-VI/1-1 : PST, A-VI/1-2 : BFF, A-VI/1-3 : EFA, A-VI/1-4 : PS & SR A-VI/6-2 : STSDSD	Approved 3 or 6-months Deck/GP Rating Course A-VI/1-1 : PST, A-VI/1-2 : BFF, A-VI/1-3 : EFA, A-VI/1-4 : PS & SR A-VI/6-2 : STSDSD
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Sea-going Service	Minimum 12 months approved sea-going service Includes approved SSTP & TRB, and Not less than 6 months supervised Bridge watch-keeping duties)	Minimum 18 months approved sea-going service Includes approved SSTP & TRB, and Not less than 6 months supervised Bridge watch-keeping duties)	Minimum 36 months approved sea-going service. (If approved 6-month pre-sea Course not done, then 36 months after obtaining Rating Watch-keeping Certificate) Includes not less than 6 months of supervised Bridge watch-keeping duties

