

M.S. Notice 06 of 2005

No:ENG/EXAM-17(9)/99-Part File

Dated: July 19, 2005

Sub: Examinations on Marine Electro Technology and Ship Construction and Stability Function 5 and 6 for MEO Class IV Candidates

In accordance with the regulations laid down in Maritime Education, Training and assessment (META) Manual, Volume I & II of the Merchant Navy Officers Examination Rules 1998, Marine Engineering at operational level is divided into 2 parts, Part A and Part B. Traditionally the Part A is conducted prior to the candidate boarding a vessel for Officer in-Charge Engineer Watch Training (OICEW). The Part B is subsequently completed after he has completed 6 months mandatory training on board ship and combined with Part A constitutes, the Class IV Certificate of Competency under Section III/1 of the STCW Code.

Over the years, experience has shown that the academic part of the **Function 5 ♦ Electrical, Electronics and Control Engineering at operational level** and **Function 6 ♦ Controlling operation of ship and care for persons on board** at operational level can be separated from competency aspects of the functions. Since, the candidate was appearing for both the academic and the competency part of the function at the Part B stage of the operational level, he is found to be over burdened with the academic studies, though relevant to this profession.

As, most of the candidates are now graduate engineers and especially graduate marine engineers/mechanical engineers, it has been observed that the academic part of **Function 5 and 6** have been adequately covered under their graduation programme and for mechanical engineers during their one year course. Academic parts of the proficiency aspects are an extension of the portions learnt during the graduation period. Since India is committed by the **communication of information** to examine the candidate on every aspect of the four functions, it is imperative that both academic and proficiency part of the

examination for the **functions 5 and 6** need to be carried out.

In accordance with the results of a review carried out by the Chief Examiner of Engineers with the Government of India, it is now been decided that **Function 5 and 6** examinations on **Marine Electro Technology and Ship Construction and Stability** shall be also conducted prior to the candidate joining the vessel for the OICEW training period. The papers shall be for a period of 3 hours each and shall be conducted in accordance with the timetable and periods as conducted for Class IV Part B examination. The conduct of this examination shall not take away the privilege of the candidate to appear after OICEW training (after his 6 months sea time), as is the practice now. It would be the candidate's choice to appear prior to his OICEW training period or after OICEW training period. The orals for the examination, however, will be conducted in the usual manner alongwith the other orals subsequent to OICEW training.

The paper of Ship Safety and Environment Protection shall be conducted only after OICEW training. The orals for function 6 shall be a combined oral for **Ships Construction and Stability** and **Ship Safety and Environmental Protection**.

However, a candidate appearing in **Function 5** and **Part Function 6** prior to the OICEW training period shall be credited towards the certification system under the new examination system also based on modular training, which shall be put in force shortly. Necessary instruction to the MMDs is also been concurrently issued to enable such candidates to appear for the examination with effect from August 2005.

This issues with the approval of Chief Examiner of Engineers.

Sd/-

(D.Mehrotra)

Dy. Chief Surveyor cum Sr.DDG(Tech)

Training Institutions conducting 4 years graduate course, 1 year GEM course and MEO Class IV

preparatory course.

| Sr.No. | Name of Institute and Address |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Institute of Maritime Studies I.S.B.T., Compled Bogda, Vasco-da-Gama, Goa-403 802 |
| 2 | Marine Engineering & Research Institute Hay Bunder Road, Mumbai. |
| 3 | Hindustan Shipyard Ltd. P.O.Gandhigram, Visakhapatnam-530 005 |
| 4 | Cochin Shipyard Ltd. Cochin Shipyard Limited, Kochi-692015 |
| 5 | Academy of Maritime Education & Training 3/4/5/, Ambedkar Street, Gandhi Nagar, Saligramam Chennai |
| 6 | Chidambaram Institute of Maritime Technology No.6, Second Line Beach, Chennai-600 001 |
| 7 | Maritime Foundation City Centre, 132, Sivananda Salai, Gill Nagar, Extn., Choolaimedu, Chennai-600 094 |
| 8 | SB Vignesh Marine Training Centre 37, East Madha Church Street, Royapuram, Chennai -600 013 |
| 9 | Coimbatore Marine College SF No.296, Pollachi Main Road, Myleripalayam, Coimbatore - 641 032. |
| 10 | Applied Research International B-1, Hauz Khas, Ground Floor, East Wing, New Delhi-110 016 |
| 11 | International Maritime Institute Ltd. 13, Institutional Area, Surajpur Kasma Road, P.O-Tugalpur, Greater Noida, Gautam Budh Nagar, Noida, UP-201306 |
| 12 | Garden Reach Ship Builders & Engineers Ltd. 43/46 Garden Reach Road, Kolkatta-700024 |
| 13 | Vasantdada Patil Pratisthan College of Engineering Vasantdada Patil Educational Complex, Eastern Express Highway, Near Priyadarshni Building, Sion-Chunabhatti, Mumbai-400 022. |
| 14 | Maharashtra Academy of Naval Education & Training Gat. No. 499, Loni-Kalbhori, Rajbaugh, Mumbai-Solapur Highway, Pune - 412201. |
| 15 | Tolani Maritime Institute |

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| | Talegaon-Chakan Road, Induri Village, Maval Taluka, Pune |
| 16 | Naval Maritime Academy East 9, IRSD Area, Kancharapalem, PO, Visakhapatnam - 530 008 |
| 17 | Academy of Maritime Education & Training 3/4/5/, Ambedkar Street, Gandhi Nagar, Saligramam Chennai |
| 18 | Coimbatore Marine College SF No.296, Pollachi Main Road, Myleripalayam, Coimbatore-641 032. |
| 19 | RL Institute of Nautical Science TVR Nagar, Aruppukkottai Road, Madurai-625 022, Tamilnadu |
| 20 | Srivenkateshwara College of Engineering Post Box No 3, Pennalur, Sriperumbadur, Tamilnadu-602 105 |
| 21 | PNS College of Engineering & Technology Melathediyoor, Palayamkottai, Tirunelveli Distt., Tamilnadu-627152 |
| 22 | CV Raman College of Engineering Bidyanagar, Mahura, Janla, Bhubaneswar, Orissa-725054 |
| 23 | Institute of Technology & Marine Engineering Jhinga, Diamond Harbour Road, P.O.Amira, South 24 Parganas, West Bengal 7443368 |
| 24 | Marine Engineering & Research Institute P-19, Taratala Road, Kolkata, West Bengal 700 088 |
| 25 | Institute of Marine Engineers 1012, Maker Chambers-V, Nariman Point, Mumbai-400 021 |
| 26 | LBS College of Advanced Maritime Studies Hay Bunder Road, Mumbai. |
| 27 | Maritime Training Institute 52- C, Adi Shankaracharya Marg, Powai, Mumbai-400 072. |
| 28 | Mumbai Maritime Training Institute Victor House, 1st Floor, Veera Desai Road, Next to Chitrekha House, Andheri(W), Mumbai-400 053. |
| 29 | TS Rahaman Jahaz Mahal Annexe, Samandar Point Estate, Off Lala Lajpatrai Marg, Worli, Mumbai-400 018. |
| 30 | MASSA Maritime Academy Great Eastern Summit, A-Wing, 1st Floor, Plot No.56, Sector 15, CBD Belapur, Navi Mumbai-400 614 |