



**Maritime &  
Coastguard  
Agency**

**Seafarer Training & Certification  
Bay 1/19  
Spring Place  
105 Commercial Road  
Southampton  
SO15 1EG  
United Kingdom**

Tel: +44 (0)23 8032 9240  
Fax: +44 (0)23 8032 9252  
E-mail: [engineering@mcga.gov.uk](mailto:engineering@mcga.gov.uk)

Mr. George Rony  
Vazhoor House  
Chirakulam Road, Crra 52  
Trivandrum  
Kerala  
695001  
INDIA

Your ref:  
Our ref: **SDS 223614**

01 February 2014

Dear Mr. Rony,

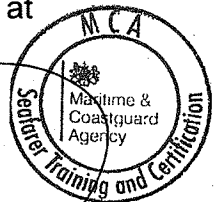
## Letter of Initial Assessment

Having assessed your education Bachelor of Technology in Electronics and Communication Engineering from India and the NARIC letter confirming your qualification is comparable to the British Bachelor degree standard; I am pleased to tell you that you qualify for the graduate scheme to train as an engineer officer of the watch (EOW) in the merchant navy.

### Before going to sea

Before going to sea you must have:

- **a UK discharge book or equivalent** issued by another maritime administration. (How to apply for a UK discharge book is on our website [www.mcga.gov.uk](http://www.mcga.gov.uk) under Working at Sea/ Registry of Shipping & Seamen/ Seafarers Team).
- **a current UK seafarers medical certificate (ENG1) or equivalent.** An ENG 1 must be issued by an MCA-approved doctor. (Information about medical certificates and doctors is on our website [www.mcga.gov.uk](http://www.mcga.gov.uk) under Working at Sea/ Medical Certification and Advice.)



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- **accepted certificates for the four basic safety and security training courses.**

To be accepted the training must have been approved by a maritime administration which is a signatory to the STCW 78 convention, as amended (STCW):

- Personal Survival Techniques (STCW Code A-VI/1-1) – already completed
- Fire Prevention and Fire Fighting (STCW Code A-VI/1-2) – already completed
- Elementary First Aid (STCW Code A-VI/1-3) – already completed
- Personal Safety and Social Responsibilities (STCW Code A-VI/1-4) – already completed
- Security Awareness Training (STCW Code A -VI/6, paragraph -4) \*

\* This training will come into force from 01 January 2014 and will apply to vessels (500gt and above) required to comply with the provisions of the ISPS Code.

## **To qualify for an EOW CoC Certificate of Competency (CoC)**

To qualify for your EOW CoC, issued under Regulation III/1 of the STCW Code, you must meet the following requirements:

### **Sea Service**

You require 15 months sea service in the engine room department of a merchant ship which has a propulsion power of 750 kW or more of which 6 months service must be in a watchkeeping capacity, as an assistant to the officer in-charge of the watch.

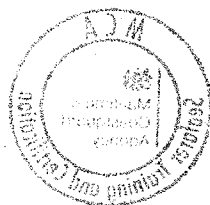
Sea service can be done:

- as a trainee or junior engineer if it is being supervised by a UK training provider, or
- as an Engine Room Watch Rating, if it is not under that supervision, and in this case you must get an STCW Reg. III/4 Engine Room Watch Rating Certificate before starting the sea service..

At the end of each period of sea service you must:

- be issued with a **sea service testimonial**, describing your service, signed by the chief engineer and carrying the ships' stamp, and
- have your discharge book returned to you, with the details of the ship and voyage duration entered, signed by the master and carrying the ships' stamp.

These are important documents which you must keep. You must send them with your application for the EOW CoC and further applications, for higher certificates.



## Onboard Training

During your sea service you must complete the Merchant Navy Training Board (**MNTB**) training record book – which you can get from your training provider or the college where you will be studying.

## Shore Based Training

There are five written examinations supplied by the International Association of Maritime Institutions (**IAMI**). You must pass these or are exempt from the examination as follows:

- General Engineering Science (**GES**) A (mathematics, mechanics and transverse stability) - you must complete this examination.
- General Engineering Science (**GES**) B (applied heat and electro-technology) - you must complete this examination.

(As an alternative to GES A and GES B you may sit the Scottish Qualification Authority (**SQA**) General Engineering Science I and II examinations. This is useful if you intend to work on smaller vessels, as these examinations are required for yacht engineers and merchant vessels of less than 3000 kW (6000 kW UK near coastal area).

- Engineering Knowledge (General) - you must complete this examination.
- Engineering Knowledge (Motor) - you must complete this examination if you want a motor or combined EOOW CoC.
- Engineering Knowledge (Steam) - you must complete this examination if you want a steam or combined EOOW CoC.

(The engineering knowledge general and type specific (motor or steam) examination papers are a single examination. So if you fail either paper you must re-sit all the papers.)

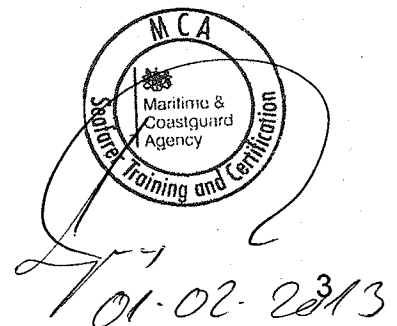
**Please Note:** From 01 September 2014 candidates will need to show pass in the control engineering examination in addition to the Engineering Knowledge examination.

## Human Element, Leadership and Management (HELM) Training – Operational Level

You will need to complete this training from a training provider approved by the MCA.

## High Voltage Training (STCW Reg III/1, part of table A-III/1) – Operational level

This is an optional training. In order to serve on vessels from 01 January 2017 equipped with high voltage equipment you will need to hold this training completion certificate.



## Workshop Skills

You must complete engineering workshop training with an MCA-approved training provider. During the training you must meet the competencies in the Merchant Navy Training Board (MNTB) Engineering Skills Operational Level syllabus.

You must take a skills test with an MCA-approved training provider to show that you meet the competencies in the Merchant Navy Training Board (MNTB) Engineering Skills Operational Level syllabus.

## Advanced Safety Training

You must complete, and provide valid certificates for, the following three STCW advanced safety training courses:

- Proficiency in Survival Craft and Rescue Boats (STCW Code A-VI/2-1)
- Training in Advanced Fire Fighting (STCW Code A-VI/3)
- Proficiency in Medical First Aid (STCW Code A-VI/4-1)

The training must be completed with a training provider that is approved by one of the following maritime administrations: United Kingdom (MCA); Canada; EU State; India; New Zealand; Pakistan; and South Africa.

Any CoC issued after January 1 2012 that does not meet the full requirements of STCW'78 as amended in 2010 may have limitations placed on it and/or have validity period of less than 5 years.

## Oral Examination

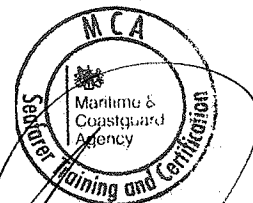
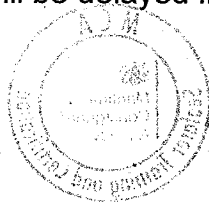
You must pass an oral examination with an MCA examiner. This examiner will focus on operational and safety matters. (Information on oral examinations is in MGN 69 on our website [www.mcga.gov.uk](http://www.mcga.gov.uk) under Ships and Cargoes/ Legislation and Guidance/ Marine (M) Notices

Once your sea service is completed you can apply for a 'Notice of Eligibility (NOE) to sit an MCA oral examination'. You will need this to:

- book an oral examination (at a marine office of your choice)
- sit the written Engineering Knowledge papers

The application form (MSF4275) is on our website [www.mcga.gov.uk](http://www.mcga.gov.uk) under Working at Sea/ Training and Certification/ Application Forms.

You must include all the documents requested on the application form and the balance of the fee. You can deduct the fee paid for this letter of initial assessment from the fee for an engineering oral examination, so you just pay the balance. Your application will be delayed if you do not send the correct documents or fee.



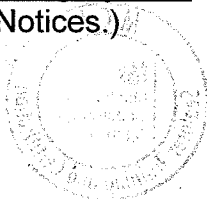
## Second and Chief Engineer STCW Reg III/2

There are three parts to the examinations for these Certificates of Competency (CoCs):

- **Scottish Qualification Authority (SQA) academic written examinations.** You can take these after completing the compulsory education programme.
  - The second engineer subjects are:
    - Mathematics
    - Engineering Drawing
    - Applied Heat
    - Applied Mechanics
    - Electrotechnology
    - Naval Architecture.
  - The chief engineer subjects are:
    - Applied Heat
    - Applied Mechanics
    - Electrotechnology
    - Naval Architecture.

You can also take these for the second engineer CoC, instead of taking the ones at that level first.

- **SQA professional written examinations.** You can only take these after completing appropriate sea service and the compulsory education programme. (Information on sea service is in MGN 93 on our website [www.mcga.gov.uk](http://www.mcga.gov.uk) under Ships and Cargoes/ Legislation and Guidance/ Marine (M) Notices.)
  - The subjects are:
    - Engineering Knowledge - General
    - Engineering Knowledge - Motor
    - Engineering Knowledge – Steam
- **MCA oral examination.** This will focus on operational and safety matters. (Information on oral examinations is in MGN 69 on our website [www.mcga.gov.uk](http://www.mcga.gov.uk) under Ships and Cargoes/ Legislation and Guidance/ Marine (M) Notices.)



*[Handwritten signature]*  
01.06.2014

**PLEASE NOTE;** there is no guarantee that the criteria for being issued a CoC will remain the same as the above by the time you apply for your Second or Chief Engineers CoC.

## Exemptions

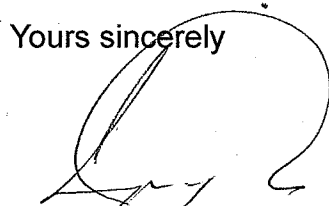
Your engineering qualifications exempt you from completing the **courses** of the following subjects;

- General Engineering Sciences A & B ;
- Mathematics at Second Engineer level.

We wish you success in completing your training and your future as an engineer officer in the merchant navy.

Please find your original documents enclosed herein.

Yours sincerely



Majibur Rahman  
Engineering Examiner/ Policy Lead  
Seafarer Training & Certification Branch



01-02-2014

Mr. Rony George  
T.c - 27/2204, Vazhoor House, Crra52  
Chirakkulam  
Statue Trivandrum  
Kerala  
695001  
India

1 October 2013

**NARIC Reference Number: 2000167743 Rony George**

Dear Mr. George,

Thank you for your recent enquiry.

Further to this, I am now able to confirm the following:

**Country of Qualification:** India  
**Title of Award:** Bachelor of Technology in Electronics and  
Communication Engineering  
**Awarding Institution:** University of Kerala  
**Year of Completion:** 2009  
**Assessment:** Is considered comparable to British Bachelor degree  
standard

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In addition to this Statement of Comparability you may wish to receive a UK NARIC Certificate of Comparability for any of the qualifications we have provided comparability information for. This is an entirely optional service and costs £20.00 (£24.00 including VAT) for each Certificate required, there is also an additional postage charge payable, details of which can be found on our website. Please note that only one qualification can be included in each Certificate. If you would like to make use of this service, please write to UK NARIC at the postal address above, stating your NARIC reference number and the name of the qualification(s) you require a Certificate for, together with the required payment. Cheques and postal orders should be made payable to ECCTIS Ltd. If you wish to request a Certificate by telephone, please contact us on 0871 330 7033 between 9am and 5pm Monday to Friday with your credit card details ready to make payment.

For information on the terms used in your Statement of Comparability please go to [www.naric.org.uk/soc](http://www.naric.org.uk/soc).

The service provided by UK NARIC, although based on informed opinion, should be treated only as guidance. Queries relating to this assessment should be submitted in writing to UK NARIC within six months of the date of issue. Please note that we are unable to accept correspondence received after this timeframe. It is UK NARIC policy that information pertaining to individual applications will not be passed on to, or discussed with, third parties without the prior consent of the applicant.

I hope this is of assistance.

Yours sincerely

A handwritten signature in black ink, appearing to read 'CDawson', written in a cursive style.

Charlotte Dawson.  
Information Officer