



---

---

## Engineer Officer Small Vessel Certificate of Competency

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

*This notice should be read with MSN 1857, MSN 1859 and MSN 1865  
This MIN expires 08th July 2021*

---

---

### Summary

This Merchant Shipping Notice (MSN) sets out and explains the regulatory requirements regarding the implementation of training elements applicable under Chapter III and Article IX of the STCW Convention and Code. It outlines the certification structure and examination and training requirements for engineer officers wanting to work on Fishing Vessels, Yachts, Tugs, Workboats, Standby, Seismic Survey, Oceanographic Research Vessels and Government Patrol Vessels.

The route for certification is structured to provide a progressive career path for those in the industry to achieve Small Vessel engineer qualifications.

MSN 1859 and the Interim Tug Guidance will run parallel with this MIN until 1<sup>st</sup> July 2021. This will allow those with Engineering Yacht or Tug Certificates of Competency to complete their training or convert to a Small Vessel Certificate of Competency. You will still be able to revalidate existing Engineering Yacht or Tug restricted Certificates of Competency after this date.

To revalidate this Certificate of Competency you should refer to MSN 1861.

### 1. Introduction

1.1 The Merchant Shipping (Standards of Training, Certification and Watchkeeping) Regulations 2015 implement the requirements of the International Convention and Code on Standards of Training, Certification and Watch-keeping (STCW) 1978, as amended (referred to in this MIN as the 'STCW Convention' and 'STCW Code' respectively), including the provisions prescribing the mandatory minimum requirements for the certification for engineer officers.



Article IX of the STCW Convention allows an administration to adopt alternative arrangements of education and training for special types of ships and trades. The MCA has utilised this alternative arrangement to create a certificate structure for engineers working in Yachts, Tugs, Fishing Vessels, Workboats, Standby, Seismic Survey, Oceanographic Research Vessels and Government Patrol Vessels.

1.2 For the purposes of this MIN, the term 'Small vessel' (SV) will pertain to; Fishing Vessels, Yachts, Tugs, Workboats, Standby, Seismic Survey, Oceanographic Research Vessels and Government Patrol Vessels. The SV Certificate of Competency can be used on any of these types of vessels within the limitations stated on their Certificate of Competency. Holders of a UK class 1 or 2 Fishing Engineering Certificate of Competency who wish to convert to Standby, Seismic Survey, and Oceanographic Research Vessels Certificate of Competency only should refer to MGN 121 or any subsequent publication.

1.3 To obtain a United Kingdom STCW Certificate of Competency you must:

- Meet the minimum age requirement;
- Complete the minimum period of seagoing service;
- Undertake the required ancillary technical and safety training;
- Complete the appropriate programme(s) of education and training, meeting the minimum vocational and academic standard;
- Meet medical standards (including eyesight);
- Pass an oral examination conducted by an MCA examiner.

**If you are considering a seagoing career it is strongly advised that you have a medical and sight test, which includes testing of colour and visual acuity, before starting training. Please refer to section 6 of this MSN.**

1.4 Prior to joining your first vessel for your first sea voyage you will need to hold:

- A valid ENG1 (medical fitness certificate) or accepted equivalent;
- Personal Survival Techniques<sup>1</sup> (STCW Code – Table A-VI/1-1);
- Fire Prevention and Fire Fighting<sup>1</sup> (STCW Code – Table A-VI/1-2);
- Elementary First Aid (STCW Code – Table A-VI/1-3);
- Personal Safety and Social Responsibilities (STCW Code - Table A-VI/1-4);
- Security Awareness (STCW)<sup>2</sup>.

**1.5 All references to Certificates of Competency in this notice pertain to those issued by the MCA, unless otherwise stated. All references to Kilowatt (kW) pertain to the main propulsion power of the vessel, unless otherwise stated.**

---

<sup>1</sup> If you complete an equivalent MSQ unit the training provider must issue you with an STCW Certificate so you can hold this onboard and satisfy Port State Control requirements after the 1<sup>st</sup> January 2017.

<sup>2</sup> If you are to serve on ships to which the International Ship and Port Facility (ISPS) Code applies, you must hold a Security Awareness certificate (STCW A-VI/6- 4). If you are assigned designated security duties aboard a vessel you must obtain a Designated Security Duties certificate (STCW A-VI/6 - 6 to 8). Please refer to MSN 1865.



## 2. Small Vessel Certificate Structure

### 2.1 STCW Small Vessel Certification

The requirements to obtain the following Certificate of Competency are listed in this MIN:

CoC	Area limitation	Power limitation & Tonnage Limitation	Vessel Limitation	STCW Convention regulation
Second Engineer	Unlimited	Less than 9,000 kW, Less than 3000 GT	Fishing Vessels, Yachts, Tugs, Workboats, Standby, Seismic Survey, Oceanographic Research Vessels and Government Patrol Vessels	III/2
Chief Engineer	Unlimited	Chief Engineer less than 3000 kW, less than 500 GT	Fishing Vessels, Yachts, Tugs, Workboats, Standby, Seismic Survey, Oceanographic Research Vessels and Government Patrol Vessels	III/3
		Second Engineer less than 9,000 kW, less than 3000 GT	Fishing Vessels, Yachts, Tugs, Workboats, Standby, Seismic Survey, Oceanographic Research Vessels and Government Patrol Vessels	III/2
Chief Engineer	Unlimited	Less than 9,000 kW, Less than 3000 GT	Fishing Vessels, Yachts, Tugs, Workboats, Standby, Seismic Survey, Oceanographic Research Vessels and Government Patrol Vessels	III/2

**2.2** The Certificates of Competency will also carry the following capacity and limitation: **Engineer Officer of the Watch less than 9000 kW, less than 3000 GT, unlimited area, limited to Fishing Vessels, Yachts, Tugs, Workboats, Standby, Seismic Survey, Oceanographic Research Vessels and Government Patrol Vessels, STCW Convention regulation III/1.**

**2.3** Small Vessel engineer CoCs will carry the following STCW functions:

- Controlling the operation of the ship and care for persons on board (function 3);
- Marine Engineering (function 4);
- Electrical, electronic and control engineering (function 5);
- Maintenance and repair (function 6).

**2.4** The functions will be at the granted at Management level and identified as an “M” on the Certificate of Competency.

**2.5** A flow chart summarising progression through the SV Certificate of Competency Structure is available in Annex A.



### 3. Requirements to obtain a Certificate of Competency

**3.1 With the Exception of General Engineering Science I & II (GES I & II)<sup>3</sup> all MCA written examinations, and the MCA oral examination must be passed within 3 years prior to the date of the issue of your Certificate of Competency.**

**3.2** To be issued with a Certificate of Competency for Second Engineer officers on Small Vessels less than 9000 kW, less than 3000 GT, unlimited area, Convention regulation III/2 you must follow either route **3.3**, **3.4** or **3.5** and be at least 18 years old.

**3.3 Standard MCA-approved programme for Second Engineer Officers on Small Vessels less than 9000 kW, less than 3000 GT, unlimited area, Convention regulation III/2**

If you are on this route you will need to gain a Diploma in Maritime Studies: Small Vessel Engineer from an MCA-approved training provider. This Diploma will allow you a reduction in sea time as specified in this section.

To qualify for the issue of this Certificate of Competency you must meet the following requirements:

- (a) Hold an Approved Engine Course I & II (AEC I & II) – this not required if you are completing your seagoing service as Assistant Engineer<sup>4</sup>;
- (b) Have completed 12 months' combined sea service and workshop training, which must include:
  - 6 months' seagoing service engaged in watchkeeping or Unmanned Machinery Space (UMS) duties on vessels of at least 350 kW;
  - 5 months' seagoing service on vessels of at least 350 kW;
  - 2 weeks MCA-approved Initial Workshop Skills Training;
  - A further 2 weeks seagoing service on vessels of at least 350 kW **or** 2 weeks of MCA-approved additional Workshop Skills Training<sup>5</sup>.
- (c) Complete the MNTB Small Vessel Training Record Book (TRB)<sup>6</sup> during your seagoing service;
- (d) Complete the Diploma in Maritime Studies: Small Vessel Engineer;
- (e) Successfully pass the MCA-approved written examinations for:
  - Marine Diesel Engineering;
  - Auxiliary Equipment Part – 1;
  - Operational procedures, Basic Hotel Services and Ship construction;
- (f) Hold the applicable ancillary and safety course certificates listed in section **5**;
- (g) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;

---

<sup>3</sup> There is no expiry date for GES I & II.

<sup>4</sup> An Assistant Engineer officer means a person under training to become an engineer officer.

<sup>5</sup> This must be relevant to Small Vessel Engineering and include a syllabus not covered in your previous Workshop Skills Training.

<sup>6</sup> The TRB will be issued to you by an MCA approved Training Provider once you have enrolled onto the SV course. You will then need to complete the task while completing at least 6 months' seagoing service.



- (h) Complete MCA oral examination for Second Engineer Officers on Small Vessels less than 9000 kW, less than 3000 GT, unlimited area, III/2 (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Oral Examination Syllabus”).

### 3.4 Experienced Seafarer route

This route is for existing seafarers serving on small vessels. You will not be required to complete the Diploma in Maritime Studies: Small Vessel Engineer, however you will need to complete a preparatory college course and SQA written examinations.

**3.4.1** To be eligible to register on a study programme you must meet the following requirements:

- (a) Have completed 24 months’ seagoing service on vessels of at least 200 kW<sup>7</sup>;
- (b) Hold an Approved Engine Course I & II (AEC I & II);
- (c) Hold basic STCW safety training certificates;
  - Personal Survival Techniques (STCW Code A-VI/1-1);
  - Fire Prevention and Fire Fighting (STCW Code A-VI/1-2);
  - Elementary First Aid (STCW Code A-VI/1-3);
  - Personal Safety and Social Responsibilities (STCW Code A-VI/1-4).

### 3.4.2 Notice of Eligibility

Once gaining entry onto an MCA-approved course in addition to meeting the requirements in section 3.4.1 above you must complete the following requirements to be issued with a Notice of Eligibility (NOE) to sit an MCA oral examination:

(a) Have completed:

- A further 11 months’ seagoing on vessel of 350 kW which must include a minimum of 6 months’ seagoing service engaged in watchkeeping or UMS duties;
- 2 weeks MCA-approved initial Workshop Skills Training;
- A further 2 weeks seagoing service on vessels of at least 350 kW **or** 2 weeks of MCA-approved additional Workshop Skills Training<sup>8</sup>.

(b) Complete the SV Training Record Book (TRB) during your seagoing service<sup>9</sup>.

---

<sup>7</sup> Engine room seagoing service consisting of cleaning duties only will not be accepted.

<sup>8</sup> This must be relevant to Small Vessel Engineering and include a syllabus not covered in your previous Workshop Skills Training.

<sup>9</sup> You must complete the TRB after you have enrolled at an MCA-approved training provider.



### 3.4.3 Certificate of Competency

To be issued this Certificate of Competency under this route once you have obtained your MCA issued NOE must meet the following requirements:

- (a) Successfully complete the MCA-approved modules and pass the corresponding written examinations for:
  - Marine Diesel Engineering;
  - Auxiliary Equipment Part – 1;
  - Operational procedures, Basic Hotel Services and Ship Construction;
- (b) Hold the applicable ancillary and safety course certificates listed in section 5;
- (c) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (d) Pass the MCA oral examination for Second Engineer Officers on Small Vessels less than 9000 kW, less than 3000 GT, unlimited area, III/2 (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Oral Examination Syllabus”).

### 3.5 Alternative Route: For Graduate Engineer/HND/HNC/Apprenticeship holders

**3.5.1** The ‘Alternative route’ is designed for those with relevant Engineering qualifications to apply directly to an MCA-approved training provider for an Action Plan detailing the requirements they must meet to obtain a Second Engineer Officer on Small Vessels less than 9000 kW, less than 3000 GT, unlimited area, Certificate of Competency.

You will be eligible for this route if you have completed a suitable engineering qualification and/or work based apprenticeship. This will include:

- Graduates or Higher National Diploma (HND)/Higher National Certificate (HNC) holders in mechanical/aeronautical/marine/electromechanical or an engineering programme that comprises of at least four of the following six modules: applied mechanics, applied heat, mathematics, engineering drawing, naval architecture and ship construction and electro-technology;
- Suitable engineering apprenticeship (NVQ level 2 or above) holders. Examples could include, but not limited to Mechanical, Marine Engineering and Diesel Fitter.

For any qualification gained outside the UK, you must obtain a NARIC ([www.naric.org.uk](http://www.naric.org.uk)) letter confirming comparable standard of your qualification to a UK equivalent. HND and HNC qualifications will only be accepted if gained from an EU state.

Suitable engineering apprenticeship (NVQ level 2 or above) will be assessed by the college to ensure they cover experience, training and qualification levels. Relevant apprenticeships must have been completed in an EU state, Australia, New Zealand or South Africa<sup>10</sup>.

The following training and seagoing service will also be assessed for eligibility onto the Alternative Route:

1. Royal Navy engineering: service, training and qualifications;

---

<sup>10</sup> The apprenticeship from Australia, New Zealand and South Africa must be verified from the respective administration as accepted by them as initial qualification for entry to their Merchant Navy Engineer Officer of the Watch (EOOW) Reg. III/1 training programme.



2. Naval engineering: service training and qualifications from Australia, New Zealand and South Africa.

**3.5.2 If you are eligible to enter onto this programme you will need to apply directly to an MCA-approved nautical college.** Contact details of the nautical colleges offering this programme are available from the MCA website, search [www.gov.uk](http://www.gov.uk) for “MCA approved nautical colleges”.

The college Action Plan will be summarised in the letter format shown in Annex B. The letter will draw on the requirements in this section. All requirements in black are mandatory, the requirement in red is a possible exemption and your additional seagoing service will be chosen from one of the options in blue.

**3.5.3** To qualify for the issue of this Certificate of Competency you must meet the following requirements:

- (a) Complete a minimum of 6 months’ seagoing service engaged in watchkeeping duties or UMS duties. Seagoing service must be completed on vessels of at least 350 kW and you must document your onboard training during this period in an approved MNTB Small Vessel Training Record Book (TRB). In addition you must complete one of the following:
  - (i) **A Graduate (Degree), a holder of an MCA-approved HND in Marine Engineering Qualification or an engineering apprenticeship (NVQ level 3 or above)**, must complete: a further 5 months’ of seagoing service on vessels of at least 350 kW and either;
    - An additional 2 weeks seagoing service on vessels of at least 350 kW **or**
    - 2 weeks of further MCA-approved additional Workshop Skills Training<sup>11</sup>.
  - (ii) **A HND student** must complete a further 8 months’ of seagoing service on vessels of at least 350 kW and either;
    - An additional 2 weeks seagoing service on vessels of at least 350 kW **or**
    - 2 weeks of further MCA-approved additional Workshop Skills Training<sup>11</sup>.
  - (iii) **A HNC holder** must complete a further 11 months’ of seagoing service on vessels of at least 350 kW;
    - An additional 2 weeks seagoing service on vessels of at least 350 kW **or**
    - 2 weeks of further MCA-approved additional Workshop Skills Training<sup>11</sup>.
- (b) **Hold an Approved Engine Course 1 & 2;**
- (c) **2 weeks MCA-approved initial Workshop Skills Training;**
- (d) Successfully complete the MCA-approved modules and pass the corresponding written examinations for:

---

<sup>11</sup> This must be relevant to Small Vessel Engineering and include a syllabus not covered in your previous Workshop Skills Training.





- Marine Diesel Engineering;
- Auxiliary Equipment Part – 1;
- Operational procedures, Basic Hotel Services and Ship construction;

- (e) Hold the applicable ancillary and safety course certificates listed in section 5;
- (f) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (g) Pass the MCA oral examination for Second Engineer Officers on Small Vessels less than 9000 kW, less than 3000 GT, unlimited area, III/2 (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Oral Examination Syllabus”).

### 3.5.4 Exemptions

**AEC I & II:** An MCA-approved training provider may exempt you from the AEC I & II if you:

- Can demonstrate that your previous qualifications and experience cover the AEC Syllabus (see section 7.2); **OR**
- You can complete all of the required seagoing service as an Assistant Engineer Officer<sup>12</sup> under the sponsorship of a company.

**MCA-approved initial Workshop Training 2 weeks:** If you have previously completed Workshop Skills Training you may be exempt from completing this to gain your first Certificate of Competence. You must provide an MCA-approved training provider with evidence of your experience and qualifications. They will map across your experience and qualifications against the MCA-approved ‘Workshop Training’ syllabus to see if you can demonstrate that you have met the requirements.

If you are entitled to this exemption you may complete a further 2 weeks’ additional Workshop Skills training providing this training encompasses different Engineering skills that you have previously not demonstrated. Your MCA –approved training provider must issue you with a letter confirming you have covered acceptable additional Workshop Skills Training not covered by the initial ‘Workshop Training’ syllabus.

### 3.6 Chief Engineer Officer, less than 3000 kW, less than 500 GT, unlimited area, STCW Reg III/3

To qualify for the issue of this Certificate of Competency you must meet the following requirements:

- (a) While holding a Second Engineer Officer on SV less than 9000 kW, less than 3000 GT, unlimited area, STCW Convention regulation III/2 Certificate of Competency, complete a minimum of 6 months’ seagoing service as a Second Engineer on vessels of at least 350 kW;
- (b) Successfully complete the MCA-approved modules and pass the corresponding examinations for:

---

<sup>12</sup> An Assistant Engineer officer means a person under training to become an engineer officer.





- Chief Engineer Statutory and Operational Requirements;
  - Auxiliary Equipment part – 2;
- (c) Hold the applicable ancillary and safety course certificates listed in section 5;
- (d) Pass the MCA oral examination for Chief Engineer Officer, less than 3000 kW, less than 500 GT, unlimited area, STCW Reg III/3 (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Oral Examination Syllabus”).

### 3.7 Chief Engineer Officer, less than 9000 kW, less than 3000 GT, unlimited area, STCW Reg III/2

To qualify for the issue of this Certificate of Competency you must meet the following requirements:

- (a) Have completed 24 months’ seagoing service which must include:
- 12 months as a SV Second Engineer or SV Chief Engineer while holding the applicable STCW Convention regulation III/2 Certificate of Competency<sup>13</sup>:
    - 6 months of this service must be complete on vessels of at least 750 kW;
    - 6 months of this service must be completed on vessels of at least 350 kW;
- (b) Successfully complete the MCA-approved modules and pass the corresponding written examinations for:
- Auxiliary Equipment part 2<sup>14</sup>;
  - Chief Engineer Statutory and Operational Requirements<sup>14</sup>;
  - Applied Marine Engineering;
- (c) Complete either:
- MCA-approved modules and pass the corresponding written examinations for General Engineering Science I & II<sup>15</sup>; **OR**
  - The Diploma in Maritime Studies: Small Vessel<sup>16</sup> **and** the Diploma in Maritime Studies: Small Vessel Chief Engineer;
- (d) Hold the applicable ancillary and safety course certificates listed in section 5;
- (e) Pass the MCA oral examination for Chief Engineer Officer, less than 9,000 kW, less than 3,000 GT, unlimited area, STCW Reg III/3. (Syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Oral Examination Syllabus”).

**Note:** The 24 months’ seagoing service required for the SV Chief Engineer Certificate of Competency does not include any workshop time.

<sup>13</sup> This will be either a Second Engineer Officer SV less than 9000 kW, less than 3000 GT, unlimited area, Certificate of Competency or Chief Engineer less than 3000 kW, less than 500 GT, unlimited Certificate of Competency.

<sup>14</sup> Not required if SV Chief Engineer less than 3000 kW, less than 500 GT CoC already held.

<sup>15</sup> If you hold a relevant engineering qualification (degree, HND/HNC or equivalent) you may be eligible for exemptions. Please refer to section 7.6.

<sup>16</sup> If you completed this for your Second Engineer CoC you will not need to complete this again or submit the pass Certificate when applying for the SV Chief Engineer CoC.



## 4. Seagoing Service

**4.1** Before being considered for an MCA oral examination you are required to provide evidence of having completed the full amount of qualifying seagoing service applicable to the Certificate of Competency you are applying for.

### 4.2 Calculating seagoing service

Seagoing service is defined as time spent onboard a ship, relevant to the issue of the certificate or other qualification being applied for. Seagoing service must be in the engineering department reckoned from the date of engagement to the date of discharge. At least 6 months of the qualifying seagoing service must have been performed within the 5 years immediately preceding the date your application is received by the MCA.

A month is defined as a calendar month or 30 days if made up of periods less than 1 month.

### 4.3 Requirements for seagoing service

Seagoing service may be performed on vessels of any flag.

Seagoing service must be performed on vessels proceeding to sea. Proceeding to sea means, beyond the categorised waters around the coast of the United Kingdom or beyond the harbour limits for waters outside the United Kingdom. Tug Engineers should refer to section **4.7**.

At least 75% of the required seagoing service must be performed while the vessel is underway on sea passage. Seagoing service (steaming time) will be calculated from the seagoing service testimonials.

If you are applying for a Second Engineer SV Certificate of Competency and require seagoing service of at least 14 months or more you may count a total of 25% or 3 months (whichever is least) of the required qualifying service; at lay-up, at maintenance berth, at extended anchorage or in dry dock.

If you are applying for a Chief Engineer Certificates of Competency; you may count a total of 25% or 3 months (whichever is least) of the required qualifying service; at lay-up, at maintenance berth, at extended anchorage or in dry dock.

### 4.4 Requirements for watchkeeping service

If you are applying for an SV Second Engineer Certificate of Competency, a minimum of 6 months of your seagoing service must be spent performing engine room watchkeeping duties or UMS duties. This duty can be performed in a subsidiary capacity.

If you are applying for an SV Chief Engineer Certificate of Competency, your seagoing service must be spent performing engine room watchkeeping duties while in **FULL CHARGE** of the entire watch or performing UMS duties.

Watchkeeping service is defined as time spent on an engine room watch, for a minimum of 4 hours out of every 24 hours.



#### **4.5 Required documentary evidence**

You will be required to submit documentary evidence of seagoing service for each Certificate of Competency you apply for. Proof of seagoing service must be documented by either Merchant Navy discharge book entries or certificates of discharge (Annex C). Entries must be supported by testimonials completed and signed by the Chief Engineer or if applicable the Master. Examples of seagoing testimonials can be found in Annex D. The testimonials must cover your conduct and ability and include details of seagoing and watchkeeping service as applicable.

Your seagoing service testimonials must clearly detail your watchkeeping duties, specifying how much of your sea time was spent performing watchkeeping and indicating in what capacity this was performed, i.e. in a subsidiary capacity or in full charge of the watch. If your seagoing service was spent on a vessel with unmanned machinery spaces and you performed duties associated with this operation, your testimonials must state this.

#### **4.6 Categorised or sheltered water service (not including Tugs)**

Service on ships operating on lakes or rivers, or within category C and D waters as defined in MSN 1837 (or any subsequent amendment), may be accepted. This acceptance of this service will limit the CoC to Categorised water. To remove this limitation from your Certificate of Competency you must complete a further 3 month's seagoing service outside of categorised waters.

#### **4.7 Tugs operating in categorised waters**

Seagoing service performed on tugs within categorised waters will be counted as if it were seagoing service completed outside of categorised waters. Therefore, if you complete your seagoing service in categorised waters in a tug your Certificate for Competency will not carry the categorised waters limitation and you will be permitted to sail in an unlimited area on vessels specified in your Certificate of Competency.

#### **4.8 Seagoing service on Yachts**

Seagoing service performed on yachts where for considerable periods the main propelling machinery is not used, will reckoned as one and a half (1.5) times the number of days actually spent underway. In no case can this exceed the total time served under a company contract. Seagoing service testimonials must state the number of days actually spent underway with the main propelling machinery in full use.

#### **4.9 Service on gas turbine ships**

Service on gas turbine ships can be used at full rate for small vessel Engineering Certificates. Engineer Officers holding an SV Certificates of Competency are eligible to serve on this type of vessel; however, some additional training related to the gas turbine machinery may be required for senior Engineer Officers.

### **5. Ancillary and Safety Courses Certification**

**5.1** The ancillary and safety courses that are required for the issue of each Certificate of Competency are contained in the table below. On successful completion of the relevant course you will be issued with an STCW certificate of proficiency.



The ancillary technical courses form part of the education and training specified in sections; A-III/1, or A-III/2 of the STCW Code. The safety courses form part of mandatory training for; emergency, occupational safety, security, medical care and survival functions specified in chapter A-VI of the STCW Code.

**5.2** You must successfully complete **all** the required ancillary and safety training applicable to the regulation of your Certificate of Competency.

Certificate of Competency					
Ancillary/ Safety Course Certificate	III/2 Second Engineer	III/3 Chief Engineer	III/2 Chief Engineer	STCW Code Reference	Updating required
Personal Survival Techniques <sup>a</sup>	Yes	Yes	Yes	A-V1/1-1	•
Fire Prevention and Fire Fighting <sup>a</sup>	Yes	Yes	Yes	A-VI/1-2	•
Elementary First Aid <sup>a</sup>	Yes	Yes	Yes	A-V1/1-3	
Personal Safety and Social Responsibility <sup>a</sup>	Yes	Yes	Yes	A-V1/1-4	
Proficiency in Survival Craft and Rescue Boats <sup>b</sup>	Yes	Yes	Yes	A-V1/2	•
Advanced Fire Fighting <sup>b</sup>	Yes	Yes	Yes	A-VI/3	•
Medical First Aid <sup>b</sup>	Yes	Yes	Yes	A-V1/4-1	
High Voltage (operational) <sup>c</sup>	Optional			A-III/1	
High Voltage (management) <sup>c</sup>		Optional	Optional	A-III/2	
HELM (operational) <sup>c</sup>	Yes			A-III/1	
HELM (management) <sup>c</sup>		Yes	Yes	A-III/2	

- From 01 January 2017 you will be required to provide documentary evidence of either completing the training course or updating your training within the preceding 5 years for all Certificate of Competency applications. To satisfy Port State Control requirements you will need to hold evidence onboard your vessel of completing or updating your training within the last 5 years. For further information relating to STCW course certificates, including their validity, please refer to MSN 1865.

For the issue of a Certificate of Competency:

- a** - The MCA will accept certificates issued under the authority of any IMO 'White List' country.
- b** - The MCA will accept certificates issued under the authority of any EU Member State, as well as; Canada, New Zealand and South Africa<sup>17</sup>.
- c** – Course must be MCA-approved.

<sup>17</sup> The MCA will accept these certificates of proficiency issued by India and Pakistan up until 01 January 2017. After this date the MCA may accept some certificates of proficiency issued by the Indian Directorate General (DG) Shipping-approved training providers, for details please refer to our website, search [www.gov.uk](http://www.gov.uk) for "MCA ATP".



**5.3 Proficiency in Survival Craft and Rescue Boat:** Non-STCW Advanced Sea Survival may be accepted in lieu of Proficiency in Survival Craft and Rescue Boats, however, if you take this Non-STCW course your Certificate of Competency will be endorsed with the following limitation:

“Not for use on ships equipped with davit launched lifeboats”

While the MCA recognises this qualification for use on Small Vessels it cannot guarantee recognition internationally. If you hold this certificate you should check the certification requirements of the local Port State Control Administration prior to entering their jurisdiction. Non-STCW Advanced Sea Survival must be updated every 5 years in line with the requirements Proficiency in Survival Craft and Rescue Boats.

#### **5.4 High Voltage**

A high voltage (over 1000V) system is where voltage is generated and distributed at high voltage or transformed to and distributed at high voltage. It does not include systems where high voltage is utilised locally e.g. ignition systems, radio transmission, radar and other navigational equipment.

You will not be required to have a High Voltage management certificate if you do not intend to work on ships with high voltage systems. If you do not submit an MCA-approved course completion certificate your certificate of competency will not be valid for service on ships fitted with high voltage (over 1000 V) systems after 31 December 2016.

#### **5.5 Human Element Leadership and Management (HELM)**

HELM forms part of the education and training requirements to obtain a UK Certificate of Competency. HELM aims to provide you with the leadership and managerial skills required by the STCW Code. You must complete a standalone course relevant to the Certificate of Competency you are applying to.

The following Royal Navy training will be accepted in place of HELM training:

- HELM (O) - Royal Navy Engineering Watchkeeping Officers (EWKO), Petty Officers and Ratings who hold First Line Management ‘Leadership and Management (L&M). Royal Navy ratings who have completed Royal Navy Senior Ratings’ Command Course;
- HELM (M) - Royal Navy CQ1 and CQ2 who hold level 4 L&M certificate (issued by the Royal Navy).

### **6. Medical Fitness:**

**6.1** For any Certificate of Competency, you must meet the medical fitness and eyesight standards as required by the Merchant Shipping (Maritime Labour Convention)(Medical Certification) Regulations 2010 (S.I. 2010/737), or any subsequent amendment. Details on the application of those regulations are found in MSN 1839 (M), or any subsequent amendment.

**6.2** The seafarer medical examination includes a sight test for both colour vision and visual acuity. Failure to meet the statutory requirements will mean that an unrestricted medical certificate cannot be issued. **If you are considering a seagoing career it is strongly advised that you have a medical and sight test, which includes testing of both colour and visual acuity, before you start the training.** You can arrange a separate sight test with a local optometrist by taking along an Application for Seafarer Vision Test Form (MSF



4100). The form can be obtained by contacting an MCA Marine Office or the MCA Seafarer Health and Safety Branch: [seafarer.s&h@mcga.gov.uk](mailto:seafarer.s&h@mcga.gov.uk).

**6.3** For any Certificate of Competency you must produce a valid medical fitness certificate, either:

- (a) The UK medical fitness certificate, currently known as an ENG 1, issued by a MCA-approved medical practitioner; **or**
- (b) A certificate issued by the administration of any country whose medical fitness certificate is recognised as equivalent to the UK ENG 1.

Updated lists are available from the MCA website.

The medical fitness certificate must specify the date of examination, the period of validity and any restriction applied.

## **7. Education and Training Programmes**

**7.1** The courses, modules and examinations that you are required to complete will enable you to meet the required education and training standards specified in section A-III/1 and A-III/2 of the STCW Code applicable to working on Small Vessels. The MCA is responsible for ensuring that the courses syllabi meet the STCW regulatory requirements. Therefore any changes to the agreed syllabus or training programme structure must be approved by the MCA. The syllabus for the Education training programmes listed in this section will be available on the MCA website: go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Syllabus”.

### **7.2 Approved Engine Course (AEC)**

The AEC will be available in two parts, Part I and part II. The existing AEC will be known as AEC part I. The AEC part II will be an enhanced part with the delivery of approximately 50% practical tasks and half theory. The AEC part I and part II will be known as the full AEC.

An exemption from the AEC will be available under the Accreditation of Prior Learning (APL) carried out by an MCA-approved training provider. They will map across your previous training and experience against the syllabus to see if an exemption can be granted. If you are entitled for an exemption from Part 1 or Part II or both parts of the AEC this will be detailed in the Training Provider’s letter (format shown in Annex B).

**MCA Approval:** To gain approval training providers must ensure they can meet the syllabus and equipment requirement listed on the MCA website: go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Syllabus”. They will then need to follow the Short Course Approval process as listed in Annex F (pages 19 to 22) of [MSN 1865](#). Once a training provider has gained approval they will be eligible to carry out the APL for the AEC I & II.

### **7.3 MCA-approved modules and written examinations**

All candidates must complete approved courses prior to sitting MCA written examinations. However, if you have completed the Diploma in Maritime Studies: Small Vessel Engineer you will not have to complete the **module courses** for the following SV Second Engineer written examinations: Marine Diesel Engineering; Operational procedures, Basic Hotel Services and Ship construction; and Auxiliary Equipment – part I & II.





**MCA Approval:** Training providers must gain approval from the relevant awarding body to run these exams, this currently the Scottish Qualifications Authority (SQA). Training providers must ensure they can meet the syllabus and equipment requirement listed on the MCA website: go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Syllabus”. Training providers must then go through the procedure detailed in Annex E to gain MCA approval.

#### **7.4 Diploma in Maritime Studies: Small Vessel Engineer & Small Vessel Chief Engineer**

You must complete The Diploma in Maritime Studies: Small Vessel Engineer (level 2) if you are on the standard route. If you complete the Diploma in Maritime Studies: Small Vessel Engineer (level 2) & the Diploma in Maritime Studies: Small Vessel Chief Engineer (level 3) and obtained a pass mark of at least 50% in both you will not need to complete General Engineering Science I & II.

**MCA Approval:** To become an approved training provider for the Diplomas you must get approval from the awarding body currently the Scottish Qualifications Authority (SQA). Training providers must ensure they can meet the syllabus and equipment requirement listed on the MCA website: go to [www.gov.uk](http://www.gov.uk) and search “MCA Small Vessel Syllabus”. Training providers must then go through the procedure detailed in Annex E to gain MCA approval.

#### **7.5 Workshop Skills Training**

If you are applying for your first SV Certificate of Competency you must complete 2 weeks MCA-approved initial Workshop Skills Training unless you are eligible for an exemption. The exemption will be available under the APL (Accreditation of Prior Learning) carried out by an MCA-approved training provider. They will map across your previous training and experience against the syllabus to see if an exemption can be granted. If you are entitled to an exemption this will be detailed in your action plan in the letter format shown in (Annex B).

**MCA Approval:** To become an approved training provider for the Workshop Skill Training you must ensure you can meet the syllabus and equipment requirements listed on the MCA website: go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Syllabus”. Training providers will then need to follow the Short Course Approval process as listed in Annex F (pages 19 to 22) of [MSN 1865](#). Once a training provider has gained approval they will be eligible to carry out the assessment and issue an exemption under Accredited Prior Learning for the Workshop Skills Training.

#### **7.6 Exemption from General Engineering Science I & II.**

To gain an exemption from these subjects candidates need to hold UK degree/HND/HNC in mechanical, marine, Aeronautical or electro-mechanical engineering. The programme must have included the modules of applied mechanics, applied heat, mathematics and electro-technology. You must include a copy of your degree/HND/HNC Certificate and a copy of the course syllabus with your application prior to the issue of your Notice of Eligibility (NOE). This exemption will be issued by the MCA.





If you hold an engineering qualification from outside the UK<sup>18</sup> but within the European Union (EU) or from the UK but in different subjects from those mentioned in the paragraph above, you may gain exemptions if the qualification modules match with at least 70% of the MCA syllabus (available on our website) and you achieved a pass mark of 50% or more. To obtain an exemption you will need to apply to the IAMI. IAMI can be contacted by email: [iamisexemption@hotmail.co.uk](mailto:iamisexemption@hotmail.co.uk) or via their website: <http://iami.info/>. The syllabus can be found on the MCA website: go to [www.gov.uk](http://www.gov.uk) and search “MCA Small Vessel Syllabus”.

If you hold a Degree from outside of the UK and the EU<sup>18</sup> you may gain exemptions from the courses but not the written examinations if the qualification modules match with at least 70% of the MCA syllabus (available on our website) and you achieved a pass mark of 50% or more. To obtain an exemption you will need to apply to the IAMI. IAMI can be contacted by email: [iamisexemption@hotmail.co.uk](mailto:iamisexemption@hotmail.co.uk) or via their website: <http://iami.info/>.

The MCA will monitor and audit all approved training providers that offer training and education leading to the issue of an STCW SV Certificate of Competency. Further details of this process are available in Annex E.

## 8. Notice of Eligibility (NOE)

**8.1** You will be issued with an NOE once you have met the requirements specified below. The NOE will allow you to book an oral examination at an MCA Marine Office and provide you with a list of any outstanding documents that you will need to submit prior to the issue of your Certificate of Competency. **At least 6 months of the qualifying seagoing service must have been performed within the 5 years immediately preceding the issue of an NOE.**

### 8.2 Prior to the issue of your NOE you must submit:

- The appropriate fee;
- An ENG1 (medical fitness certificate) or accepted equivalent<sup>19</sup>;
- Passport (attested copy);
- 2 passport-size photos attested by a counter signatory;
- Proof of the required seagoing service applicable to the Certificate of Competency you are applying for.

### 8.3 For the Second Engineer Officers on Small Vessels less than 9000 kW, less than 3000 GT, unlimited area Certificate of Competency you must also submit:

- STCW Basic safety training:
  - Personal Survival Techniques (STCW Code – Table A-VI/1-1);
  - Fire Prevention and Fire Fighting (STCW Code – Table A-VI/1-2);
  - Elementary First Aid (STCW Code – Table A-VI/1-3);
  - Personal Safety and Social Responsibilities (STCW Code - Table A-VI/1-4),

---

<sup>18</sup> If you have a degree issued from outside the UK you will need to get your degree assessed by NARIC, for further information please visit their website: [www.naric.org.uk](http://www.naric.org.uk).

<sup>19</sup> To go to sea you must have obtained a valid medical fitness certificate. While this may have expired when you apply for your NOE, it must be valid at the time when we issue your Certificate of Competency.



- A completed Training Record Book;
- If required: an action plan from your college detailing seagoing service requirements;
- If required an AEC I & II course completion certificate or exemption letter;
- Workshop skills course completion certificate or an exemption letter.

**8.4 NOEs are valid for 5 years from the date of issue<sup>20</sup>.** The date of issue will be stamped on your NOE. Once this period has elapsed you must make a new application with the supporting documentation and the appropriate fee.

### 8.5 MCA Oral Examination

If you are undertaking the Second Engineer Officer on Small Vessels Oral Examination, you should bring your MNTB TRB at the Marine Office where you are scheduled to sit the examination. The Examiner may refer to it during the examination.

You must take your current passport (with visa if applicable) to the oral examination as a means of identification.

It is recommended that you complete all of the education and training before attempting the oral examination, as this will provide you with the knowledge on which the examination is based. The Oral Examination syllabus is available online, go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Oral Examination Syllabus”).

The examiner will record the result of your oral examination on your NOE.

**8.6 Your oral examination pass is valid for a period of 3 years.** This must be in date at the time of the issue of your Certificate of Competency. The NOE must be returned to the MCA with any outstanding documentary evidence.

**8.7** If you fail your oral examination you will need to apply to the MCA for another NOE and pay an additional fee. Details of how to do this can be found on the NOE.

If a candidate fails an oral examination re-sits may be taken at the following intervals:

**Second attempt** - at least 2 weeks after the initial examination;

**Third attempt** - at least 2 weeks after the second attempt;

**Subsequent attempts** - at least 3 months after the previous attempt.

Time periods between examinations can be reduced at the discretion of the MCA examiner. Where a candidate exhibits a lack of basic competency across the syllabus or makes fundamental errors in areas of safety, the examiner may impose a seagoing service penalty which the candidate must complete before re-sitting the examination.

**8.8** Further information about the NOE and oral examination syllabus can be found on our website search [www.gov.uk](http://www.gov.uk) for “Small Vessel Certificate of Competency” or “Small Vessel Syllabus”.

---

<sup>20</sup> If you do not pass your oral examination within this timescale your application will be rejected and the appropriate fee will be taken.



## **9. The Issue of Your Certificate of Competency**

- 9.1** At least 6 months of the qualifying seagoing service must have been performed within the 5 years immediately preceding the issue of your Certificate of Competency. A Certificate of Competency will not be issued until the MCA has received all the documentary evidence confirming you have met the required standard.
- 9.2** **With the Exception of GES I & II<sup>21</sup> the SQA written examinations and MCA oral examination must be passed within 3 years prior to the date of the issue of your Certificate of Competency.**
- 9.3** The appropriate Certificate of Competency will be issued and is valid for a period of 5 years from the date that the qualifying conditions were met. Your ENG1 seafarer medical (or equivalent) must be valid at the time when we issue your Certificate of Competency. Any outstanding fees must be received by the MCA before an NOE or Certificate of Competency can be issued.
- 9.4** **You must check you meet the current regulatory requirements when you make an initial application AND at the time you submit your NOE pass for the issue of your Certificate of Competency.**
- 9.5** Further information and guidance is available from our website go to [www.gov.uk](http://www.gov.uk) and search "Small Vessel Engineer CoC".

---

<sup>21</sup> There is no expiry date for GES I & II.



## 10. Conversion of existing Certificate of Competency (CoC) to Small Vessel (SV) CoC

UK Certificate Held	CoC Required	Conversion
Yacht 4 CoC (Y4)	Any SV Certificate of Competency	<b>A1 to A3 (pages 19 &amp; 20)</b>
Yacht 3 CoC (Y3)	Chief Engineer SV less than 3,000 kW, less than 500 GT	<b>B</b>
	Chief Engineer SV less than 9,000 kW, less than 3000 GT.	<b>C</b>
Yacht 2 CoC (Y2)	Chief Engineer SV less than 9,000 kW, less than 3000 GT.	<b>D</b>
Yacht 1 CoC (Y1)	Chief Engineer SV less than 9,000 kW, less than 3000 GT.	<b>E</b>
Tug Officer of the Watch <9000 kW, GT	Second Engineer SV less than 9,000 kW, less than 3000 GT.	<b>F</b>
Tug Chief Engineer <3000 kW, less than 500	Chief Engineer SV less than 3,000 kW, less than 500 GT	
Tug Chief Engineer Officer (Tug) <9000 kW	Chief Engineer SV less than 9,000 kW, less than 3000 GT.	
EOOW (Tug) <3000 kW or <6000 kW, <30 miles from UK safe haven	Any SV Certificate of Competency	<b>G1 to G3</b>
Chief Engineer (Tug) <3000 kW or <6000 kW <30 miles from UK safe haven	Chief Engineer SV less than 9,000 kW, less than 3000 GT.	<b>H</b>
Class 2 Fishing	Any SV Certificate of Competency	<b>J1 to J3</b>
Class 1 Fishing	Chief Engineer SV less than 9,000 kW, less than 3000 GT.	<b>K</b>
HMC&E EOOW less than 6000 kW	Any SV Certificate of Competency	<b>L1 to L3</b>
HMC&E Chief Engineer Officer CoC less than 6000 kW	Chief Engineer SV less than 9,000 kW, less than 3000 GT	<b>M</b>
EOOW unlimited area	Any SV Certificate of Competency	<b>N1 to N3</b>
Second Engineer (III/3) <3000 kW, unlimited area	Any SV Certificate of Competency	<b>P1 to P2</b>
Chief Engineer (III/3) <3000 kW, unlimited area	Any SV Certificate of Competency	<b>Q</b>



Second Engineer (III/2) unlimited power/area	Chief Engineer SV less than 3,000 kW, less than 500 GT	<b>U</b>
	Chief Engineer SV less than 9,000 kW, less than 3000 GT.	<b>R</b>

## 10.1 Conversions From Yacht Certificates of Competency

### Conversion A1

If you hold Y4 CoC, to obtain an SV Second Engineer less than 9000 kW, less than 3000 GT, unlimited area CoC you must:

- (a) Complete 6 months' seagoing service on yachts of at least 350 kW while holding Y4 CoC **OR** pass the MCA oral examination for Second Engineer Officers on Small Vessels less than 9000 kW, less than 3000 GT, unlimited area, III/2 MCA oral examination;
- (b) Hold the applicable ancillary and safety course certificates listed in section 5;
- (c) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent.

### Conversion A2

If you hold Y4 CoC, to obtain an SV Chief Engineer less than 3000 kW, less than 500 GT, unlimited area CoC you must:

- (a) Complete 6 months' seagoing service on yachts of at least 350 kW while holding a Y4 CoC;
- (b) Successfully complete the MCA-approved module and pass the corresponding written examination for Chief Engineer Statutory and Operational Requirements;
- (c) Hold the applicable ancillary and safety course certificates listed in section 5;
- (d) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (e) Pass the MCA oral examination for Chief Engineer on Small Vessels less than 3000 kW, less than 500 GT, unlimited area, III/2. (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search "Small Vessel Oral Examination Syllabus").

### Conversion A3

If you hold Y4 CoC, to obtain an SV Chief Engineer less than 9000 kW, less than 3000 GT CoC, unlimited area you must:

- (a) While holding a Y4 Certificate of Competency complete 6 months' seagoing service on yacht of at least 350 kW which includes a minimum of 3 months' service on yachts of 750 kW or more in power;
- (b) Successfully complete the MCA-approved modules and pass the corresponding written examinations for:
  - Chief Engineer Statutory and Operational Requirements;
  - Applied Marine Engineering;
  - General Engineering Science I & II;



- (c) Hold the applicable ancillary and safety course certificates listed in section 5;
- (d) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (e) Pass the MCA oral examination for Chief Engineer on Small Vessels less than 9000 kW, less than 3000 GT, unlimited area, III/2 (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Oral Examination Syllabus”).

### **Conversion B**

If you hold Y3 CoC, to obtain an SV Chief Engineer less than 3000 kW, less than 500 GT, unlimited Area CoC you must:

- (a) Hold the applicable ancillary and safety course certificates listed in section 5;
- (b) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent.

### **Conversion C**

If you hold Y3 CoC, to obtain an SV Chief Engineer less than 9000 kW, less than 3000 GT CoC, unlimited area you must:

- (a) Complete 6 months’ seagoing service while holding Y4 CoC, or 3 months’ seagoing service while holding Y3 CoC. 6 months of this seagoing service must be completed on yachts of at least 750 kW and the remainder on yachts of 350 kW or more in power;
- (b) Successfully complete the MCA-approved modules and pass the corresponding written examinations for:
  - SQA General Engineering Science I and II;
  - SQA Applied Marine Engineering;
- (c) Hold the applicable ancillary and safety course certificates listed in section 5;
- (d) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (e) Pass the MCA oral examination for Chief Engineer on Small Vessels less than 9000 kW, less than 3000 GT, unlimited area, III/2 (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Oral Examination Syllabus”).

### **Conversion D**

If you hold Y2 CoC, to obtain an SV Chief Engineer less than 9000 kW, less than 3000 GT CoC, unlimited area you must:

- (a) Complete 3 months’ seagoing service on yacht of at least 750 kW while holding Y2 Certificate of Competency;
- (b) Hold the applicable ancillary and safety course certificates listed in section 5;
- (c) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (d) Pass the MCA oral examination for Chief Engineer on Small Vessels less than 9000 kW, less than 3000 GT, unlimited area, III/2 (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Oral Examination Syllabus”).



## Conversion E

If you hold Y1 CoC, to obtain an SV Chief Engineer less than 9000 kW, less than 3000 GT CoC, unlimited area you must:

- (a) Hold the applicable ancillary and safety course certificates listed in section 5;
- (b) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent.

## 10.2 Conversion from a Tug

### Conversion F

If you hold a Tug Certificate of Competency issued under the MCA interim guidance you can convert to an SV Certificate of Competency as per the table below providing you:

- (a) Hold applicable ancillary and safety course certificates listed in section 5;
- (b) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent.

Engineer Officer of the Watch (Tug) <9000 kW	-	SV Second Engineer less than 9000 kW, less than 3000 GT, unlimited area CoC
Chief Engineer (Tug) endorsement <3000 kW, less than 500 GT	-	SV Chief Engineer less than 3000 kW, less than 500GT
Chief Engineer Officer (Tug) <9000 kW	-	SV Chief Engineer less than 9000 kW, less than 3000 GT CoC, Unlimited area

## Conversions from other Tug Certificates of Competency

### Conversion G1

If you hold an Engineer Officer of the Watch (EOOW) less than 3000 kW or less than 6000 kW, valid up to 30 miles from a UK safe haven, to obtain an SV Second Engineer less than 9000 kW, less than 3000 GT, unlimited area CoC you must:

- (a) Successfully complete the MCA-approved modules and pass the corresponding written examinations for:
  - SQA Marine diesel engineering;
  - SQA Auxiliary equipment 1;
  - SQA Operational procedures, Basic hotel services and ship construction1;
- (b) Hold the applicable ancillary and safety course certificates listed in section 5;
- (c) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (d) Pass the MCA oral examination for Second Engineer Officer on Small Vessels less than 9000 kW, less than 3000 GT, unlimited area, III/2 MCA oral examination (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Oral Examination Syllabus”).





However, if you completed a **VQ (Level 3)** to gain your EOOW Tug CoC then you will only need to:

- (a) Complete either 6 months' seagoing service in the capacity of EOOW (Tug) on tugs of at least 350 kW, **or** pass the MCA oral examination for Second Engineer Officers on Small Vessels less than 9000 kW, less than 3000 GT, unlimited area, III/2;
- (b) Hold the applicable ancillary and safety course listed in section 5;
- (c) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent.

## Conversion G2

If you hold a Tug EOOW less than 3000 kW or less than 6000 kW, valid up to 30 miles from a UK safe haven, to obtain an SV Chief Engineer less than 3,000 kW, less than 500 GT, unlimited area CoC you must:

- (a) Complete 6 months' Tug service while holding EOOW (Tug) CoC on Tugs of at least 350 kW;
- (b) Successfully complete the MCA-approved modules and pass the corresponding written examinations for:
  - SQA Marine diesel engineering<sup>22</sup>;
  - SQA Auxiliary equipment – I & II<sup>22</sup>;
  - SQA Operational procedures, basic hotel services and ship construction<sup>22</sup>;
  - SQA Chief Engineer Statutory and Operational Requirements;
- (c) Hold the applicable ancillary and safety course certificates listed in section 5;
- (d) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (e) Pass the MCA oral examination for Chief Engineer Officer, less than 3000 kW, less than 500 GT, unlimited area, STCW Reg III/3 (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search "Small Vessel Oral Examination Syllabus").

## Conversion G3

If you hold an Tug EOOW less than 3000 kW or less than 6000 kW, valid up to 30 miles from a UK safe haven, to obtain an SV Chief Engineer less than 9,000 kW, less than 3,000 GT, unlimited area CoC you must:

- (a) Complete 12 months' seagoing service on in the capacity of EOOW (Tug) on Tugs of at least 350 kW or which includes a minimum of 3 months' service on Tugs of at least 750 kW;
- (b) Successfully complete the MCA-approved modules and pass the corresponding written examinations for:
  - SQA Marine diesel engineering<sup>22</sup>;
  - SQA Auxiliary equipment – I & II<sup>23</sup>;
  - SQA Operational procedures, basic hotel services and ship construction<sup>23</sup>;

---

<sup>22</sup> You do not need to complete this training or submit this Certificate to the MCA if you completed the VQ level 3 to gain your Tug CoC.

<sup>23</sup> You do not need to complete this training or submit this Certificate to the MCA if you completed the VQ level 3 to gain your Tug CoC.



- SQA General Engineering Science I & II;
- SQA Chief Engineer Statutory and Operational Requirements;
- SQA Applied Marine Engineering;

- (c) Hold the applicable ancillary and safety course certificates listed in section 5;
- (d) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (e) Pass the MCA oral examination for Chief Engineer on Small Vessels less than 9,000 kW, less than 3000 GT, unlimited area, III/2 (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Oral Examination Syllabus”).

## Conversion H

If you hold a Tug Chief Engineer less than 3000 kW or less than 6000 kW, valid up to 30 miles from a UK safe haven CoC, to obtain an SV Chief Engineer less than 9,000 kW, less than 3,000 GT, unlimited area CoC you must:

- (a) Successfully complete the MCA-approved modules and pass the corresponding written examinations for:
  - SQA General Engineering Science I & II;
  - SQA Chief Engineer Statutory and Operational Requirements;
  - SQA Applied Marine Engineering;
- (b) Hold the applicable ancillary and safety course certificates listed in section 5;
- (c) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (d) Pass the MCA oral examination for Chief Engineer on Small Vessels less than 9,000 kW, less than 3000 GT, unlimited area, III/2 (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Oral Examination Syllabus”).

However if you completed a **VQ (Level 3)** to gain your Chief Engineer Tug CoC then you will only need to complete:

- (a) Either 6 months’ seagoing service on Tugs of at least 750kW while holding Chief Engineer CoC, **or** pass the MCA oral examination for Chief Engineer on Small Vessels less than 9,000 kW, less than 3000 GT, unlimited area, III/2;
- (b) The applicable ancillary and safety course certificates listed in section 5;
- (c) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent.

## 10.3 Conversions From Fishing Certificates of Competency

### Conversion J1

If you hold a Fishing Class 2 Engineering CoC, to obtain an SV Second Engineer less than 9000 kW, less than 3000 GT, unlimited area CoC you must:

- (a) Complete at least 6 months’ seagoing service on fishing vessels of at least 350 kW while holding a Fishing Class 2 Engineering CoC;
- (b) Successfully complete the MCA-approved modules and pass the corresponding written examinations for:



- SQA Marine diesel engineering;
  - SQA Auxiliary equipment -1;
  - SQA Operational procedures, Basic hotel services and ship construction;
- (c) Hold the applicable ancillary and safety course certificates listed in section 5;
- (d) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (e) Pass the MCA oral examination for Second Engineer Officers on Small Vessels less than 9000 kW, less than 3000 GT, unlimited area, III/2 (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Oral Examination Syllabus”).

### Conversion J2

If you hold a Class 2 Fishing Engineering CoC, to obtain an SV Chief Engineer less than 3,000 kW, less than 500 GT, unlimited area CoC you must:

- (a) Complete 12 months’ seagoing service while holding Class 2 Fishing CoC on fishing vessels of at least 350 kW;
- (b) Successfully complete the MCA-approved modules and pass the corresponding written examinations for:
- Marine diesel engineering;
  - Auxiliary equipment – part I & II;
  - Operational procedures, basic hotel services and ship construction;
  - Chief Engineer Statutory and Operational Requirements;
- (c) Hold the applicable ancillary and safety course certificates listed in section 5;
- (d) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (e) Pass the MCA oral examination for Chief Engineer Officer, less than 3000 kW, less than 500 GT, unlimited area, STCW Reg III/3 (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Oral Examination Syllabus”).

### Conversion J3

If you hold a Class Fishing 2 Engineering CoC; to obtain an SV Chief Engineer less than 9000 kW, less than 3000 GT, unlimited area CoC you must:

- (a) Complete 24 months’ seagoing service while holding Class 2 Fishing CoC on fishing vessels of at least 350 kW which includes 6 months of seagoing service on fishing vessels of 750 kW and or more in power;
- (b) Successfully complete the MCA-approved modules and pass the corresponding written examinations for:
- Marine diesel engineering;
  - Auxiliary equipment – part I & II;
  - General Engineering Science I & II;
  - Chief Engineer Statutory and Operational Requirements;
  - Applied Marine Engineering;
  - Operational Procedures, Basic Hotel Services and Ship Construction;
- (c) Hold the applicable ancillary and safety course certificates listed in section 5;
- (d) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;



- (e) Pass the MCA oral examination for Chief Engineer on Small Vessels less than 9,000 kW, less than 3000 GT, unlimited area, III/2 (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Oral Examination Syllabus”).

## Conversion K

If you hold a Class 1 Fishing CoC, to obtain an SV Chief Engineer less than 9000 kW, less than 3000 GT CoC, unlimited area you must:

- (a) Hold the applicable ancillary and safety course certificates listed in section 5;  
(b) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent.

## 10.4 Conversions From Her Majesty's Revenue and Customs Certificates of Competency

### Conversion L1

If you hold an HMRC Engineer Officer of the Watch (EOOW) less than 6000 kW, Limited European Area/Near Coastal Area CoC, to obtain an SV Second Engineer CoC less than 9,000 kW, less than 3000 GT, unlimited area CoC you must:

- (a) Complete 12 months' seagoing service while holding EOOW HMRC CoC on HMRC vessels of at least 350 kW;  
(b) Successfully complete the MCA-approved modules and pass the corresponding written examinations for:
- Marine diesel engineering;
  - Auxiliary equipment – 1;
  - Operational procedures, basic hotel services and ship construction;
- (c) Hold the applicable ancillary and safety course certificates listed in section 5;  
(d) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;  
(e) Pass the MCA oral examination for Second Engineer Officers on Small Vessels less than 9000 kW, less than 3000 GT, unlimited area, III/2 (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Oral Examination Syllabus”).

### Conversion L2

If you hold an HMRC EOOW less than 6000 kW, Limited European Area/Near Coastal Area CoC, to obtain an SV Chief Engineer less than 3,000 kW, less than 500 GT, unlimited area CoC you must:

- (a) Complete 18 months' seagoing service while holding EOOW HMRC CoC on HMRC vessels of at least 350 kW;  
(b) Successfully complete the MCA-approved modules and pass the corresponding written examinations for:
- SQA Marine diesel engineering;
  - SQA Auxiliary equipment – I & II;
  - SQA Operational procedures, basic hotel services and ship construction;
  - SQA Chief Engineer Statutory and Operational Requirements;



- (c) Hold the applicable ancillary and safety course certificates listed in section 5;
- (d) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (e) Pass the MCA oral examination for Chief Engineer Officer, less than 3000 kW, less than 500 GT, unlimited area (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Oral Examination Syllabus”).

### Conversion L3

If you hold an HMRC EOOW less than 6000 kW, Limited European Area/Near Coastal Area CoC, to obtain an SV Chief Engineer less than 9,000 kW, less than 3000 GT, unlimited area CoC you must:

- (a) Complete 24 months’ seagoing service while holding EOOW HMRC CoC on HMRC vessels of at least 350kW which includes 6 months on vessels of 750 kW or more;
- (b) Successfully complete the MCA-approved modules and pass the corresponding written examinations for:
  - Marine diesel engineering;
  - Auxiliary equipment – I & II;
  - Operational procedures, basic hotel services and ship construction;
  - General Engineering Science I & II;
  - Chief Engineer Statutory and Operational Requirements;
  - Applied Marine Engineering;
- (c) Hold the applicable ancillary and safety course certificates listed in section 5;
- (d) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (e) Pass the MCA oral examination for Chief Engineer on Small Vessels less than 9,000 kW, less than 3000 GT, unlimited area, III/2 (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Oral Examination Syllabus”).

### Conversion M

If you hold an HMRC Chief Engineer Officer less than 6000 kW, Limited European Area/Near Coastal Area CoC, to obtain an SV Chief Engineer less than 9,000 kW, less than 3000 GT, unlimited area CoC you must:

- (a) Successfully complete the MCA-approved modules and pass the corresponding written examinations for:
  - Marine diesel engineering;
  - Auxiliary equipment – I & II;
  - Operational procedures, basic hotel services and ship construction;
  - General Engineering Science I & II;
  - Chief Engineer Statutory and Operational Requirements;
  - Applied Marine Engineering;
- (b) Hold the applicable ancillary and safety course certificates listed in section 5;
- (c) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (d) Pass the MCA oral examination for Chief Engineer on Small Vessels less than 9,000 kW, less than 3000 GT, unlimited area, III/2 (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Oral Examination Syllabus”).



## 10.5 Conversion from other Certificates of Competency to Small Vessel CoC

### Conversion N1

If you hold an EOW unlimited, III/1 CoC, to obtain an SV Second Engineer less than 9000 kW, less than 3000 GT CoC, unlimited area you must:

- (a) Hold the applicable ancillary and safety course certificates listed in section 5;
- (b) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent.

### Conversion N2

If you hold an EOW unlimited, III/1 CoC, to obtain an SV Chief Engineer less than 3,000 kW, less than 500 GT CoC, unlimited area you must:

- (a) Complete 6 months' seagoing service while holding EOW III/1 CoC on vessel of at least 350 kW;
- (b) Successfully complete the MCA-approved modules and pass the corresponding written examinations for:
  - Auxiliary equipment -2;
  - Chief Engineer Statutory and Operational Requirements;
- (c) Hold the applicable ancillary and safety course certificates listed in section 5;
- (d) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (e) Pass the MCA oral examination for Chief Engineer on Small Vessels less than 3,000 kW, less than 500 GT, unlimited area, III/2 (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search "Small Vessel Oral Examination Syllabus").

### Conversion N3

If you hold an EOW unlimited, III/1 CoC, to obtain an SV Chief Engineer less than 9000 kW, less than 3000 GT CoC, unlimited area you must:

- (a) Complete 12 months' seagoing service whilst holding EOW CoC on vessels of at least 750 kW;
- (b) Successfully complete the MCA-approved modules and pass the corresponding written examinations for:
  - Auxiliary equipment -2;
  - Applied Marine Engineering;
  - General Engineering Science I & II;
  - Chief Engineer Statutory and Operational Requirements;
- (c) Hold the applicable ancillary and safety course certificates listed in section 5;
- (d) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (e) Pass the MCA oral examination for Chief Engineer on Small Vessels less than 9,000 kW, less than 3000 GT, unlimited area, III/2 (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search "Small Vessel Oral Examination Syllabus").



### **Conversion P1**

If you hold a Second Engineer less than 3000 kW, unlimited area CoC, to obtain an SV Chief Engineer less than 3,000 kW, less than 500 GT, unlimited area CoC and Second Engineer less than 9000 kW, less than 3000 GT CoC, unlimited CoC you must:

- (a) Hold the applicable ancillary and safety course certificates listed in section 5;
- (b) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent.

### **Conversion P2**

If you hold a Second Engineer less than 3000 kW, unlimited area CoC, to obtain an SV Chief Engineer less than 9000 kW, less than 3000 GT CoC, unlimited area you must:

- (a) Have completed 8 months' seagoing service in full charge of the watch on vessels of at least 750 kW\*;
- (b) Hold the applicable ancillary and safety course certificates listed in section 5.
- (c) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (d) Pass the MCA oral examination for Chief Engineer on Small Vessels less than 9,000 kW, less than 3000 GT, unlimited area, III/2 (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search "Small Vessel Oral Examination Syllabus").

\*You do not need to complete or provide evidence of the seagoing service if you hold either the Second Engineer less than 6,000 kW or 9,000 kW near coastal endorsement.

### **Conversion Q**

If you hold a Chief Engineer less than 3000 kW, unlimited area CoC, to obtain an SV Chief Engineer less than 9000 kW, less than 3000 GT CoC, unlimited area you must:

- (a) Hold the applicable ancillary and safety course certificates listed in section 5;
- (b) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent.

### **Conversion U**

If you hold a Second Engineer unlimited, III/2 CoC, to obtain an SV Chief Engineer less than 3,000 kW, less than 500 GT CoC, unlimited area you must:

- (a) Hold the applicable ancillary and safety course certificates listed in section 5;
- (b) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent.

### **Conversion R**

If you hold a Second Engineer unlimited, III/2 CoC, to obtain an SV Chief Engineer less than 9000 kW, less than 3000 GT CoC, unlimited area you must:

- (a) Hold the applicable ancillary and safety course certificates listed in section 5;
- (b) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;





- (c) Pass the MCA oral examination for Chief Engineer on Small Vessels less than 9,000 kW, less than 3000 GT, unlimited area, III/2 (syllabus available online, go to [www.gov.uk](http://www.gov.uk) and search “Small Vessel Oral Examination Syllabus”).

## **11. Conversions from a Small Vessel Certificate of Competency (CoC) to other Certificates of Competency**

### **11.1 Converting an SV Second Engineer unlimited, III/2 CoC to an EOOW unlimited, III/1, Certificate of Competency**

If you hold a Second Engineer unlimited, III/2 CoC to obtain an Engineer Officer of the Watch unlimited III/1 CoC you must:

- (a) Have completed 6 months’ seagoing service while holding an SV Second Engineer CoC on vessels of at least 750 kW while in full charge of the watch or with designated UMS duties;
- (b) Complete 3 months’ approved Workshop Skills Training;
- (c) Pass the IAMI EOOW written examinations at an approved centre in the following subjects:
- Engineering Knowledge sections<sup>24</sup>:
    - General;
    - Motor;
    - Control Engineering;
  - IAMI General Engineering Science A & B<sup>25</sup>;
- (d) Hold the applicable ancillary and safety course certificates listed in section 5;
- (e) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (f) Pass the MCA the oral examination ‘STCW Reg – III/1 Engineer Officer of the Watch’ (for the syllabus see MGN 69 or any subsequent publication).

### **11.2 Converting an SV Chief Engineer less than 3,000 kW, less than 500 GT unlimited to a Second Engineer less than 3000 kW, unlimited area, III/3**

If you hold an SV Chief Engineer less than 3,000 kW, less than 500 GT unlimited area CoC, to convert to a Second Engineer less than 3000 kW, unlimited area, III/3 CoC you must:

- (a) Have completed 6 months’ seagoing service while holding an SV Chief Engineer less than 3,000 kW, less than 500 GT, unlimited area CoC on vessels of at least 750 kW while in full charge of the watch or with designated UMS duties;
- (b) Complete 3 months’ approved Workshop Skills Training;
- (c) Pass the IAMI EOOW written examinations at an approved centre in the following subjects:

---

<sup>24</sup> The General and Motor sections must be passed in a single attempt. If you fail one or both of the sections you will need to retake both sections again.

<sup>25</sup> You can complete GES I & II instead of GES A & B. This may be suitable if you wish to progress along the limited power certificate route or for the higher SV Chief Engineer CoC.



- Engineering Knowledge sections<sup>26</sup>:
  - General;
  - Motor;
  - Control Engineering;
- (d) SQA examinations:
  - i. General Engineering Science I and II;
  - ii. Applied Marine Engineering;
- (e) Hold the applicable ancillary and safety course certificates listed in section 5;
- (f) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (g) Pass the applicable MCA oral examination: 'STCW Reg – III/3 Second Engineer less than 3000 kW' (for the syllabus see MGN 69 or any subsequent publication).

### **11.3 Converting an SV Chief Engineer less than 9000 kW, less than 3000 GT Certificate of Competency to a Second Engineer unlimited, III/2, Certificate of Competency**

If you hold an SV Chief Engineer less than 9000 kW, less than 3000 GT, unlimited area CoC, to obtain a Second Engineer unlimited, CoC, III/2 you must:

- (a) Have completed 12 months' seagoing service while holding an SV Chief Engineer less than 9,000 kW, less than 3,000 GT unlimited area CoC on vessels of at least 750 kW while in full charge of the watch or with designated UMS duties;
- (b) Complete 3 months' approved Workshop Skills Training;
- (c) SQA examinations in all subjects at Second Engineer/Management level as per MSN 1857 section 3.5.2 and 7.4.2;
- (d) The applicable ancillary and safety course certificates listed in section 5;
- (e) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (h) Pass the MCA Second Engineer, unlimited area, III/2 oral examination (for the syllabus see MGN 69 or any subsequent publication).

### **11.4 Converting an SV Chief Engineer less than 9000 kW, less than 3000 GT Certificate of Competency to a Chief Engineer less than 3000 kW (unlimited area) and less than 9000 kW Near Coastal.**

If you hold an SV Chief Engineer less than 9000 kW, less than 3000 GT, unlimited area CoC, to obtain a Chief Engineer less than 3000 kW, unlimited area and less than 9000 kW Near Coastal CoC you must:

- (a) Have completed 12 months' seagoing service while holding an SV Chief Engineer less than 9,000 kW, less than 3,000 GT unlimited area CoC on vessels of at least 750 kW while in full charge of the watch or with designated UMS duties;
- (b) Complete 3 months' approved Workshop Skills Training;
- (c) Pass the IAMI EOOW written examinations at an approved centre for the following subjects:

---

<sup>26</sup> The General and Motor sections must be passed in a single attempt. If you fail one or both of the sections you will need to retake both sections again.



- Engineering Knowledge sections:
  - Motor;
  - Control Engineering;
- (d) The applicable ancillary and safety course certificates listed in section 5;
- (e) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;
- (i) Pass the MCA oral examination 'STCW Reg – III/3 Chief Engineer less than 3000 kW' (for the syllabus see MGN 69 or any subsequent publication).

The holders of this CoC can progress to achieve higher MN CoCs by completing the requirements shown in the MSN 1857.

## **12. Fraudulent Certificates and Seagoing Service**

**12.1** The MCA checks that all of the information you submit in support of your application is accurate and true. We:

- Verify all Certificates of Competency and Watchkeeping certificates issued by foreign administrations;
- Check and verify ancillary and safety course certificates;
- Verify seagoing service testimonials and discharge book entries;
- Only accept original course completion certificates.

**12.2** If you submit fraudulent seagoing service records or certificates we will not allow you to proceed with your application. We reserve the right not to let you apply again until after a period specified by the MCA's Chief Examiner.

**12.3** We may also refer your application to the MCA Enforcement Branch who may decide to proceed against you in court.



## **More Information**

Seafarer Training and Certification  
Maritime and Coastguard Agency  
Bay 2/11  
Spring Place  
105 Commercial Road  
Southampton  
SO15 1EG

Tel : +44 (0) 23 8032 9231  
Fax : +44 (0) 23 8032 9N/A  
e-mail: [engineering@mcga.gov.uk](mailto:engineering@mcga.gov.uk)

Website Address: [www.gov.uk/government/organisations/maritime-and-coastguard-agency](http://www.gov.uk/government/organisations/maritime-and-coastguard-agency)

General Inquiries: [infoline@mcga.gov.uk](mailto:infoline@mcga.gov.uk)

File Ref: N/A

Published: July 2016  
Please note that all addresses and  
telephone numbers are correct at time of publishing

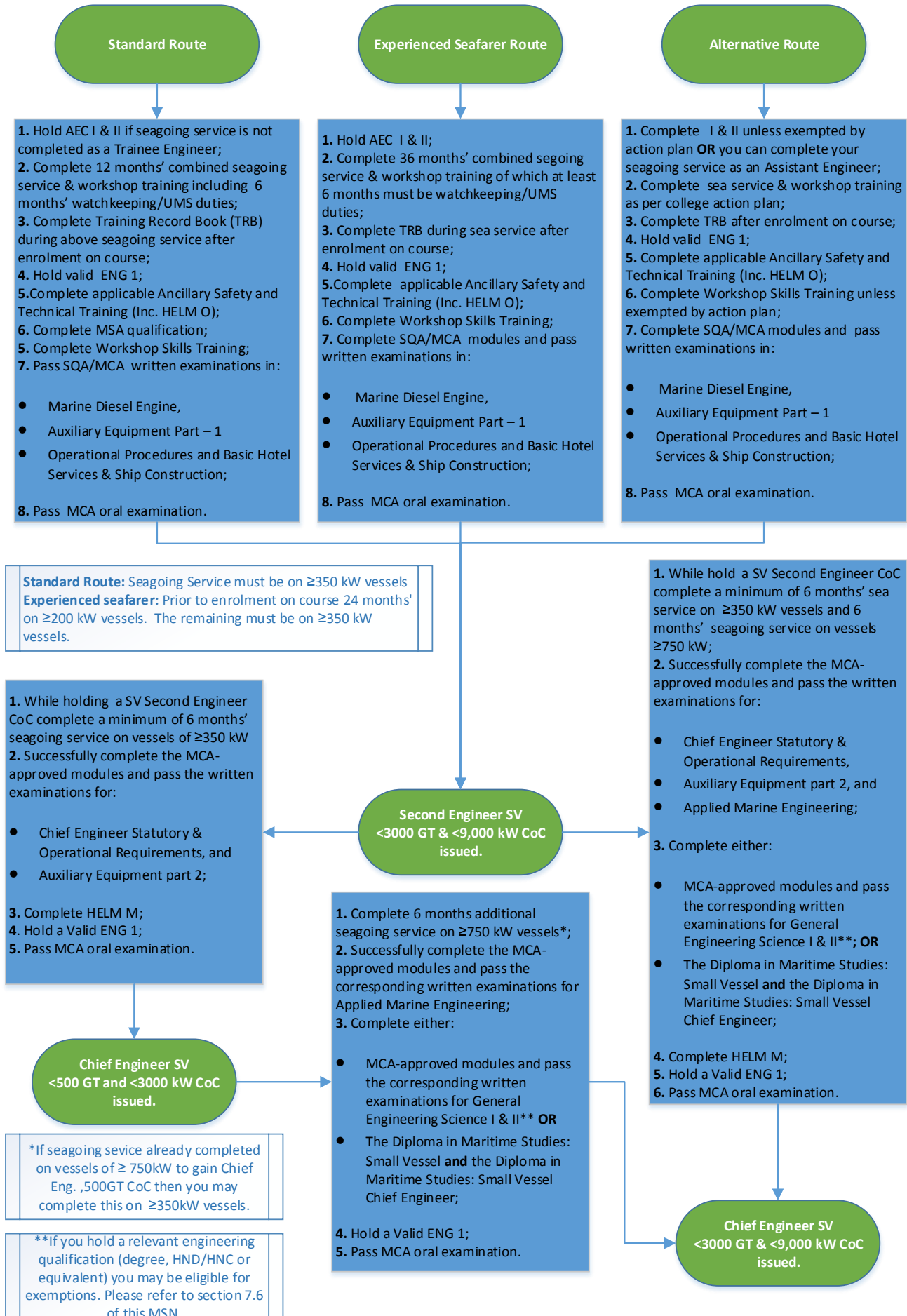
© Crown Copyright 2016

***Safer Lives, Safer Ships, Cleaner Seas***



## A Summary of the Progression through the Small Vessel Route

## Annex A



Seafarer's name:  
Address:

Tel: \*\*\*\*\*  
Email: \*\*\*\*\*

Your ref:  
Our ref: **SV Action Plan**

Day/Month/Year

Dear \*\*\*\*\*,

To be issued with a Small Vessel Second Engineer Officers less than 9000 kW, less than 3000 GT, unlimited area, Reg III/2, Certificate of Competency you must meet the following requirements:

(a) Complete a minimum of 6 months' seagoing service engaged in watchkeeping or UMS duties. Seagoing service must be completed on vessels of at least 350 kW. You must document your onboard training during this period of training in an approved MNTB Training Record Book (TRB) and its associated workbook. In addition you must also complete one of the following:

(iv) **A Graduate (Degree), a holder of an MCA-approved HND in Marine Engineering Qualification or an engineering apprenticeship (NVQ level 3 or above), must complete a further 5 months' seagoing service on vessels of at least 350 kW and either;**

- o An additional 2 weeks seagoing service on vessels of at least 350 kW **or**
- o 2 weeks of further MCA-approved additional Workshop Skills Training\*;

(v) **An HND student must complete a further 8 months' seagoing service on vessels of at least 350 kW and either;**

- o An additional 2 weeks seagoing service on vessels of at least 350 kW **or**
- o 2 weeks of further MCA-approved additional Workshop Skills Training\*;

(vi) **An HNC holder must complete a further 11 months' seagoing service on vessels of at least 350 kW and either;**

- o An additional 2 weeks seagoing service on vessels of at least 350 kW **or**
- o 2 weeks of further MCA-approved additional Workshop Skills Training\*;

\* This must be relevant to Small Vessel Engineering and include a syllabus not covered in the initial 'Workshop Training' syllabus.

(b) **Hold an Approved Engine Course 1 & 2;**

(c) **Complete 2 weeks of initial MCA-approved workshop training;**

(d) Successfully complete the MCA-approved modules and pass the corresponding written examinations for:

- Marine Diesel Engineering;
- Auxiliary Equipment Part – 1;
- Operational procedures, Basic Hotel Services and Ship construction;

(e) Hold the applicable ancillary and safety course certificates listed in Table A;

(f) Hold a valid ENG1 (medical fitness certificate) or accepted equivalent;



- (g) Pass the MCA oral examination for Second Engineer Officers on Small Vessels less than 9000 kW, less than 3000 GT, unlimited area, III/2.

**The MCA-approved written examinations and MCA oral examination must be passed within 3 years prior to the date of the issue of your Certificate of Competency.**

Table A		
Ancillary/ Safety Course Certificate	SV 2nd Eng III/2	STCW Reference
Personal Survival Techniques	Yes	A-V1/1-1
Fire Prevention and Fire Fighting	Yes	A-VI/1-2
Elementary First Aid	Yes	A-V1/1-3
Personal Safety and Social Responsibility	Yes	A-V1/1-4
Proficiency in Survival Craft and Rescue Boats	Yes	A-V1/2*
Advanced Fire Fighting	Yes	A-VI/3
Medical First Aid	Yes	A-V1/4-1
High Voltage (operational)	Optional	A-III/1
HELM (operational)	Yes	A-III/1

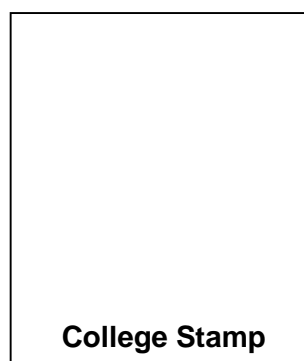
**I can confirm that the above-named candidate:**

- Is exempt\* or has completed the\*\* Approved Engine Course I & II;
- Is exempt from the MCA-approved initial Workshop training\*\*.

Yours sincerely,

Lecturer's Name  
Nautical College

\*\*Delete as appropriate.





**Maritime and Coastguard Agency (MCA)  
CERTIFICATE OF DISCHARGE**

<b>Surname (Block Capitals)</b>	<b>Other Names (In Full)</b>
<b>Passport or Discharge Book Number</b>	<b>Date and Place of Birth</b>
<b>Name of Vessel</b>	<b>Port of Registry</b>
<b>Official or IMO Number</b>	<b>Gross Tonnage and kW power of the Engine</b>
<b>Capacity</b>	<b>Grade and Number of any CoC</b>
<b>Date and Place of Joining</b>	<b>Date and Place of Leaving</b>
<b>Description of Voyage</b>	<b>Total Time Onboard</b>
	<b>Total Days at Sea</b>

Signature of Mastee .....

Name (Print) .....

CoC No .....

Issuing administration .....

Company stamp:

Date of issue ...../...../.....



**Engineer Cadet/Junior Engineer/ Assistant Engineer/ Rating\* Seagoing Service Testimonial  
for Maritime and Coastguard Agency**

**Company Address/Contact Details**

Company Name:		
Address:		
Contact Details:	Tel:	
	E-mail:	

<b>This is to certify that:</b>	
Full name of Trainee/Rating:	
Date of Birth:	
Discharge Book or Passport Number:	

**has served on:**

Name of vessel:			
IMO number:		Type of vessel:	
Type/make of propelling machinery:		Type/make of auxiliary machinery:	
Power kW:		Type of boilers:	
Shaft power kW:		Vessel GT:	
<b>Date of joining:</b>		<b>Date of discharge:</b>	

**Please record, below, the actual watchkeeping/ UMS time undertaken on this voyage:**

During this period the above-named trainee/rating accrued the following engine room watchkeeping (under the supervision of a certificated engineer officer) for not less than 4 hours out of every 24 hours while the vessel was; engaged on seagoing voyages\* or operating in categorised waters\*:

\_\_\_\_\_ days

In addition the above-named trainee/rating:

- Regularly carried out other duties in connection with the routine and maintenance of the ship\*
- Was granted no leave of absence\*
- Was granted leave of absence as follows\*:

.....  
\*Delete as appropriate



**This section must be completed.**

My report on the service of the above-named trainee/rating, during the period stated, is as follows:

Conduct:	
Ability:	
General comments:	

<b>Type of Tanker:</b>	
During this period the ship carried the following types of cargo(es) (the different types and grades of oil, gas and chemicals should be specified):	
I confirm the above-named trainee/rating has gained experience in carrying out regular cargo handling duties during the period stated:	

**PART 4 – OFFICIAL ENDORSEMENT**

<b>Name of Chief Engineer**:</b>	
<b>Certificate Details:</b>	
<b>CoC Number:</b>	
<b>Issuing Administration:</b>	
<b>Signature Chief Engineer**:</b>	
<b>Date:</b>	
<b>Ship's/Company stamp:</b>	

**\*\* In exceptional circumstances this testimonial may be signed by a responsible official of the Company.**



**Engineer Officer Seagoing Service Testimonial for Maritime and Coastguard Agency  
Company Address/Contact Details**

Company Name:			
Address:			
Contact Details:	Tel:		
	E-mail:		

<b>This is to certify that:</b>	
Full name of Officer:	
Date of Birth:	
Discharge Book or Passport Number:	
Served in the capacity of:	

**has served on:**

Name of vessel:			
IMO number:		Type of vessel:	
Type/make of main propelling machinery:		Type/make of auxiliary machinery:	
Power kW:		Type of boilers:	
Shaft power kW:		Vessel GT:	
<b>Date of joining:</b>		<b>Date of discharge:</b>	

**Please record, below, the actual watchkeeping/ UMS time undertaken on this voyage:**

During this period the above-named Officer accrued the following engine room watchkeeping for not less than 4 hours out of every 24 hours while the vessel was: engaged on seagoing voyages\* or operating in categorised waters\*:

\_\_\_\_\_ days

In addition the above-named Officer:

- a) Regularly carried out other duties in connection with the routine and maintenance of the ship\*
- b) Was granted no leave of absence\*
- c) Was granted leave of absence as follows\*:

.....

\*Delete as appropriate



**This section must be completed.**

My report on the service of the above-named Officer, during the period stated, is as follows:

Conduct:	
Ability:	
General comments:	

<b>Type of Tanker:</b>	
During this period the ship carried the following types of cargo(es) (the different types and grades of oil, gas and chemicals should be specified):	
I confirm the above-named Officer has gained experience in carrying out regular cargo handling duties during the period stated:	

**PART 4 – OFFICIAL ENDORSEMENT**

<b>Name of Master/Chief Engineer**:</b>	
<b>Certificate Details:</b>	
<b>Number</b>	
<b>Issuing Administration:</b>	
<b>Signature of Master/ Chief Engineer**:</b>	
<b>Date:</b>	
<b>Ship's/Company stamp:</b>	

**\*\* If you are the Chief Engineer you must get the Master sign this testimonial. The MCA will not accept self-certificated seagoing service. In exceptional circumstances this testimonial may be signed by a responsible official of the Company.**



## Approved Small Vessel Training Providers

### **The MCA is under no obligation to approve non-UK training providers.**

All training, assessment and examination must be taken at an MCA-approved training establishment. Details of which centres are approved by the MCA to deliver training modules and short course training programmes are available from the Seafarer Training and Certification Branch.

In accordance with STCW Convention regulation I/6, training providers wishing to gain MCA approval to deliver training must have in place a recognised Quality Management System (QMS) with appropriate auditing and accreditation. An initial approach to the Seafarer Training and Certification Branch must be made before expending time and resources in developing courses. Please note that even when the MCA visits a training establishment to assess the training course, the issue of a Course Approval Certificate is not a foregone conclusion.

To gain approval, a training provider will first have to undergo assessment to ensure that the course or programme meets the standards required by the MCA. Training establishments wishing to obtain approval should make a written application to the MCA outlining:

- Course title;
- Lesson plan;
- Course duration;
- Course materials and content;
- Facilities, teaching aids, and equipment;
- Staff qualifications and experience;
- Examination and assessment procedures;
- Monitoring of entry requirements;
- Issue, control, authentication and recording of certification;
- Quality management systems and procedures.

Once these details have been received, reviewed and found to meet the required standards a site evaluation/inspection visit will be made. Full approval will only be granted when the required standards are deemed to have been fully met, at which point a Course Approval Certificate will be issued. The full vetting process will involve the attendance of an MCA surveyor and will incur the costs associated with this.

Thereafter, any changes to the course content/delivery, training facilities and/or equipment, teaching staff, certificates, and/or examination/assessment process must be notified to the MCA. Failure to notify changes to the MCA may result in approval being withdrawn.

Should a training provider wish to deliver a course at a centre other than that approved by the MCA, further approval will be required.

Course approval certificates issued will be valid for a period of not more than 5 years after which time the training provider will have to apply for re-approval. Further, and in order to maintain standards and to satisfy the requirements of the MCA Quality Standards Procedures, all courses and training facilities will be subject to intermediate inspection at intervals of two and a half years plus or minus six months. These processes will involve the attendance of an MCA surveyor and associated costs.

In accordance with STCW Convention regulation I/8, all training providers who deliver training modules will be periodically audited by the MCA against the nautical college requirements listed above.

